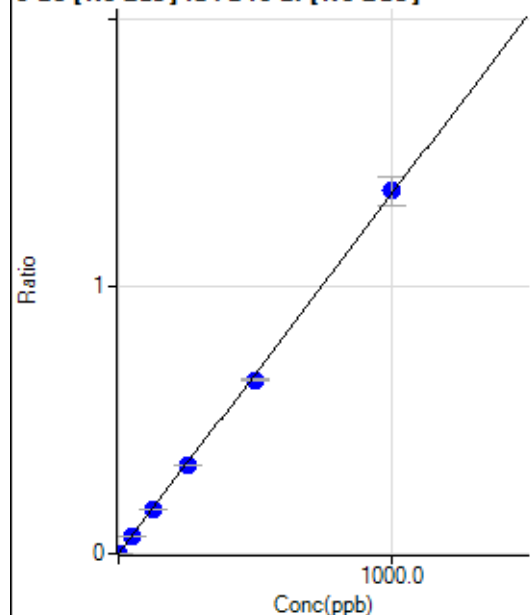


Calibration for 003CALB.d

Batch Folder: D:\ICP-MS Data\P7042417 .b\  
 Analysis File: P7042417 .batch.bin  
 DA Date-Time: 2017-04-24 16:30:19  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-04-24 12:02:55 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-04-24 12:10:33 |
| 4     | 006CALS.d          | S03         | 2017-04-24 12:14:22 |
| 5     | 007CALS.d          | S04         | 2017-04-24 12:18:28 |
| 6     | 008CALS.d          | S05         | 2017-04-24 12:22:10 |
| 7     | 009CALS.d          | S06         | 2017-04-24 12:25:49 |
| 8     | 010CALS.d          | S07         | 2017-04-24 12:29:21 |
| 9     | 011CALS.d          | S08         | 2017-04-24 12:32:51 |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 114.82     | 0.0000 | P    | 9.6  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.846      | 3033.71    | 0.0012 | P    | 4.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.629     | 171195.56  | 0.0668 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 124.136    | 423435.02  | 0.1669 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 245.200    | 828548.22  | 0.3297 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 483.782    | 1602395.55 | 0.6505 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.436   | 3102486.15 | 1.3572 | P    | 7.8  |
| 9 | <input type="checkbox"/> |          |            | 575.95     | 0.0003 | P    | 11.6 |

$$y = 0.0013 * x + 4.5830E-005$$

$$R = 0.9998$$

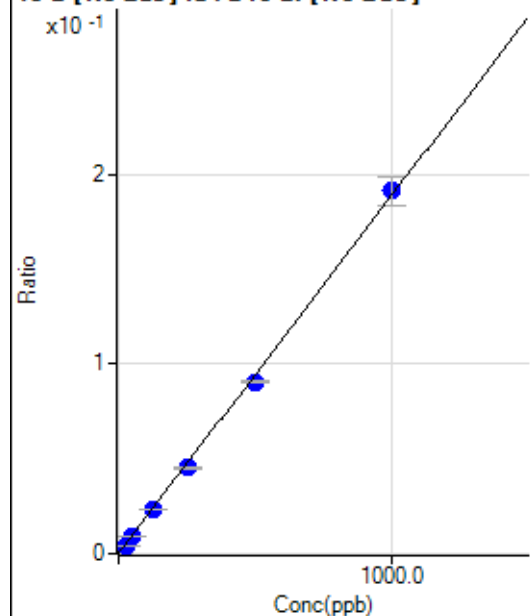
$$DL = 0.009848$$

$$BEC = 0.03409$$

Weight: &lt;None&gt;

Min Conc: 0

10 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      | 505.59    | 0.0002 | P    | 12.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.254     | 10306.67  | 0.0040 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 47.936     | 23683.27  | 0.0092 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 125.000  | 120.512    | 58140.34  | 0.0229 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 239.149    | 113795.31 | 0.0453 | P    | 2.4  |
| 7 | <input type="checkbox"/> | 500.000  | 479.853    | 223336.22 | 0.0907 | P    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1013.569   | 437172.65 | 0.1913 | P    | 8.2  |
| 9 | <input type="checkbox"/> |          |            | 12030.26  | 0.0054 | P    | 8.6  |

$$y = 1.8852E-004 * x + 2.0195E-004$$

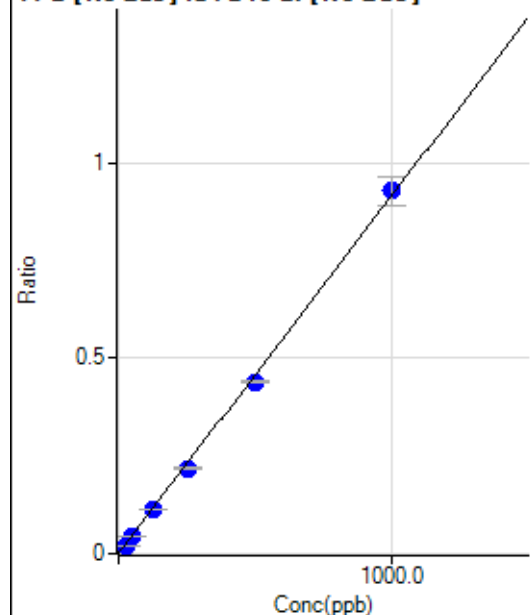
$$R = 0.9997$$

$$DL = 0.4121$$

$$BEC = 1.071$$

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      | 2314.16    | 0.0009 | P    | 3.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 20.121     | 49523.63   | 0.0193 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 47.373     | 113410.10  | 0.0442 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 121.498    | 284102.03  | 0.1120 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 237.737    | 548485.74  | 0.2183 | P    | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 478.843    | 1080665.20 | 0.4387 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.335   | 2121951.09 | 0.9282 | P    | 7.7 |
| 9 | <input type="checkbox"/> |          |            | 57354.57   | 0.0258 | P    | 6.8 |

$$y = 9.1422\text{E-}004 * x + 9.2402\text{E-}004$$

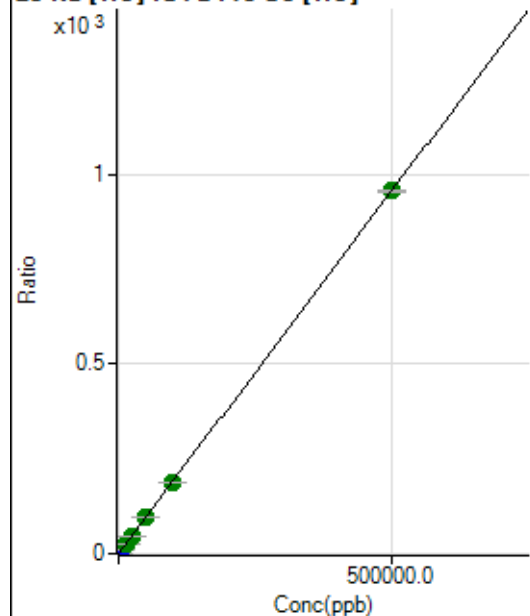
$$R = 0.9996$$

$$DL = 0.1165$$

$$BEC = 1.011$$

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      | 21171.28     | 0.0545   | P    | 1.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 440.935    | 346576.02    | 0.8977   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 5048.176   | 3753852.38   | 9.7074   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12663.091  | 9236368.17   | 24.2683  | A    | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24988.826  | 17769514.11  | 47.8370  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 49780.011  | 34647655.64  | 95.2415  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 100000.00 | 97921.815  | 68236691.80  | 187.2960 | A    | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 500433.69  | 359962008.05 | 956.9601 | A    | 0.6 |

$$y = 0.0019 * x + 0.0545$$

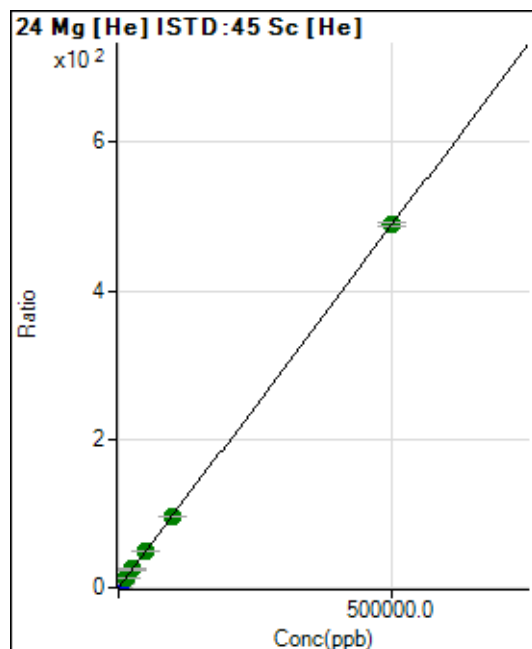
$$R = 1.0000$$

$$DL = 1.207$$

$$BEC = 28.51$$

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      | 241.68       | 0.0006   | P    | 21.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 438.973    | 165773.22    | 0.4294   | P    | 0.8  |
| 4 | <input type="checkbox"/> | 5000.000  | 5064.206   | 1912873.03   | 4.9467   | P    | 0.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 12794.435  | 4756143.29   | 12.4965  | A    | 0.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 25209.236  | 9145956.19   | 24.6216  | A    | 0.2  |
| 7 | <input type="checkbox"/> | 50000.000 | 49774.589  | 17684642.06  | 48.6138  | A    | 1.2  |
| 8 | <input type="checkbox"/> | 100000.00 | 97655.859  | 34748541.40  | 95.3778  | A    | 1.2  |
| 9 | <input type="checkbox"/> | 500000.00 | 500472.96  | 183862252.72 | 488.7958 | A    | 1.0  |

$$y = 9.7667\text{E-}004 * x + 6.2208\text{E-}004$$

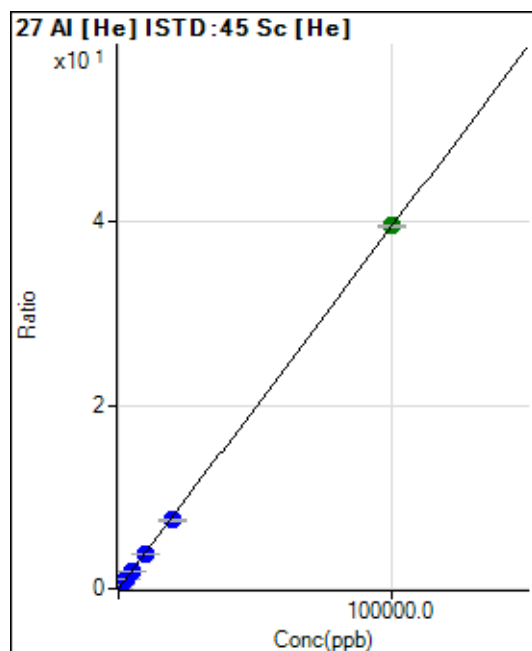
$$R = 1.0000$$

$$DL = 0.4084$$

$$BEC = 0.6369$$

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      | 80.56       | 0.0002  | P    | 51.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 16.632     | 2611.47     | 0.0068  | P    | 3.7  |
| 4 | <input type="checkbox"/> | 1000.000  | 970.081    | 147936.37   | 0.3826  | P    | 0.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2446.033   | 367009.26   | 0.9643  | P    | 0.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4858.039   | 711332.32   | 1.9150  | P    | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9601.715   | 1376855.52  | 3.7846  | P    | 0.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 18922.483  | 2717268.40  | 7.4583  | P    | 1.1  |
| 9 | <input type="checkbox"/> | 100000.00 | 100264.07  | 14865055.54 | 39.5184 | A    | 0.9  |

$$y = 3.9414\text{E-}004 * x + 2.0822\text{E-}004$$

$$R = 0.9999$$

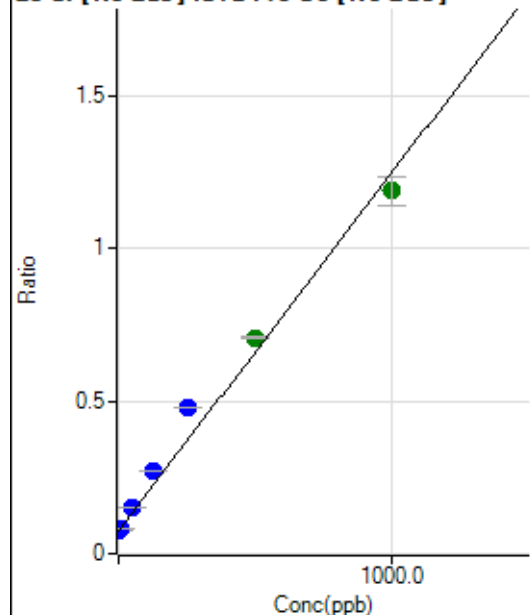
$$DL = 0.818$$

$$BEC = 0.5283$$

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      | 629867.62  | 0.0745 | P    | 0.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 8.534      | 717622.05  | 0.0845 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 64.870     | 1266622.81 | 0.1504 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 166.468    | 2269548.31 | 0.2694 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 344.984    | 3951023.35 | 0.4784 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 540.187    | 5763061.07 | 0.7070 | A    | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 950.248    | 9168202.29 | 1.1871 | A    | 8.1 |
| 9 | <input type="checkbox"/> |          |            | 1160498.47 | 0.1484 | P    | 1.1 |

$$y = 0.0012 * x + 0.0745$$

$$R = 0.9929$$

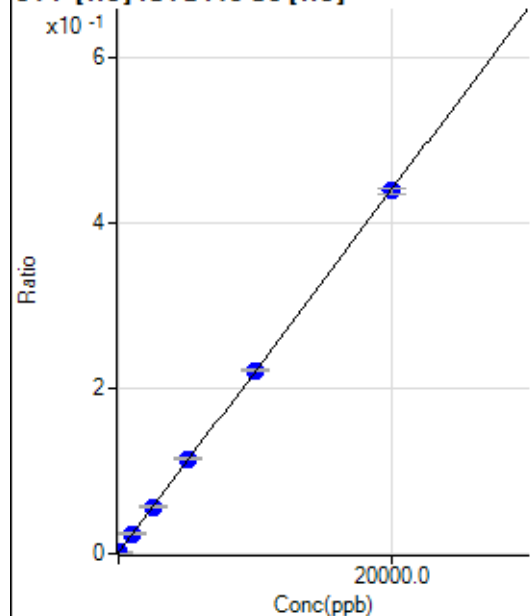
$$DL = 0.5035$$

$$BEC = 63.6$$

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     | 6.716      | 500.03    | 0.0013 | P    | 2.7  |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -6.716     | 383.36    | 0.0010 | P    | 23.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1054.314   | 9381.07   | 0.0243 | P    | 2.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2531.824   | 21563.63  | 0.0567 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 5172.966   | 42556.03  | 0.1146 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10023.926  | 80372.10  | 0.2209 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 20000.000 | 19938.102  | 159688.54 | 0.4383 | P    | 1.5  |
| 9 | <input type="checkbox"/> |           |            | 494.48    | 0.0013 | P    | 6.7  |

$$y = 2.1927E-005 * x + 0.0011$$

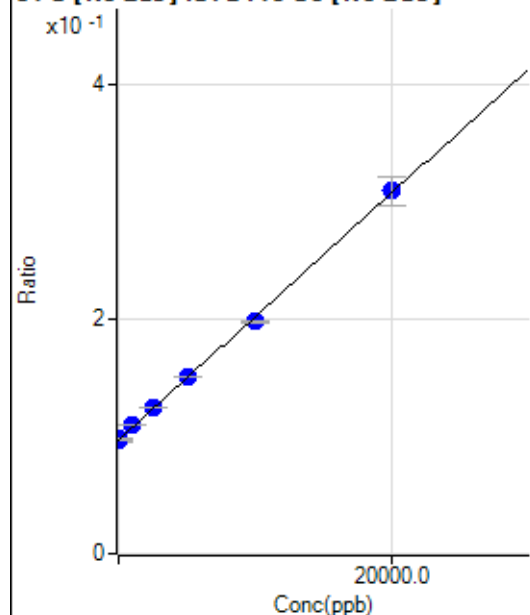
$$R = 1.0000$$

$$DL = 18.08$$

$$BEC = 52.01$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -71.667    | 812844.35  | 0.0961 | P    | 1.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 71.667     | 829362.99  | 0.0976 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 1227.662   | 924338.08  | 0.1098 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2577.705   | 1044469.88 | 0.1240 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 5000.000  | 5097.857   | 1242794.67 | 0.1505 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 9595.639   | 1612472.37 | 0.1978 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 20000.000 | 20156.620  | 2386122.99 | 0.3089 | P    | 7.6 |
| 9 | <input type="checkbox"/> |           |            | 764601.56  | 0.0978 | P    | 0.9 |

$$y = 1.0519\text{E-}005 * x + 0.0969$$

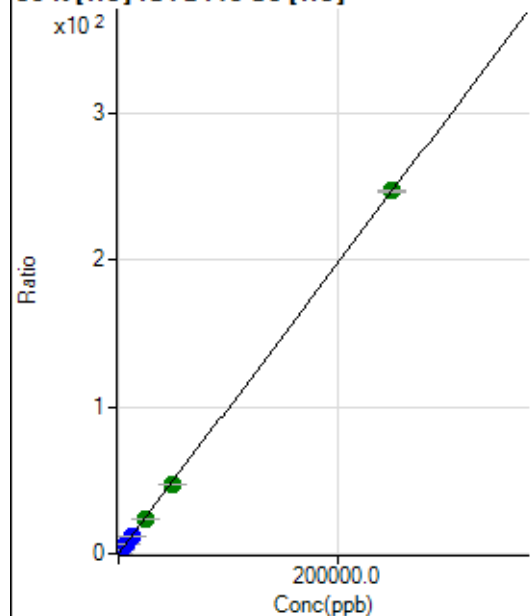
$$R = 0.9996$$

$$DL = 342.7$$

$$BEC = 9208$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 51108.30    | 0.1316   | P    | 1.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 424.399    | 212379.52   | 0.5501   | P    | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2438.321   | 980625.56   | 2.5359   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6139.899   | 2354246.69  | 6.1857   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12270.611  | 4543263.64  | 12.2308  | P    | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24082.123  | 8686429.01  | 23.8773  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 47667.677  | 17171964.45 | 47.1333  | A    | 1.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 250573.24  | 92986452.08 | 247.2042 | A    | 0.5 |

$$y = 9.8603\text{E-}004 * x + 0.1316$$

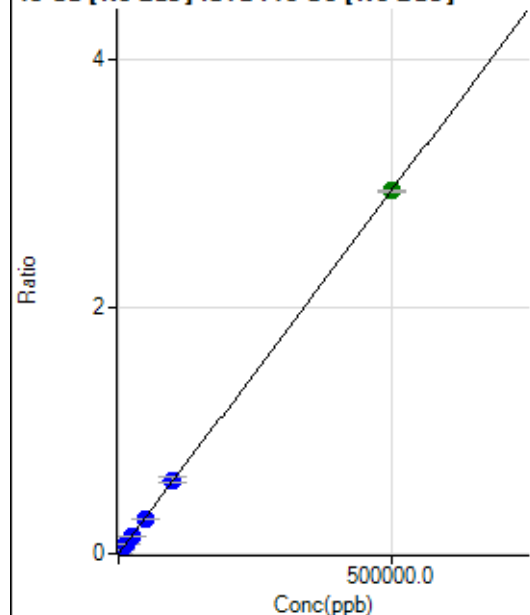
$$R = 1.0000$$

$$DL = 4.746$$

$$BEC = 133.5$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 583.37      | 0.0001 | P    | 5.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 420.874    | 21602.61    | 0.0025 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 5000.000  | 4864.184   | 241305.27   | 0.0287 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12269.415  | 608064.61   | 0.0722 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 24468.058  | 1188116.25  | 0.1439 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 48681.078  | 2332744.86  | 0.2862 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 100000.00 | 101526.09  | 4609455.22  | 0.5967 | P    | 7.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 499860.47  | 22976610.24 | 2.9376 | A    | 0.6 |

$$y = 5.8768\text{E-}006 * x + 6.8949\text{E-}005$$

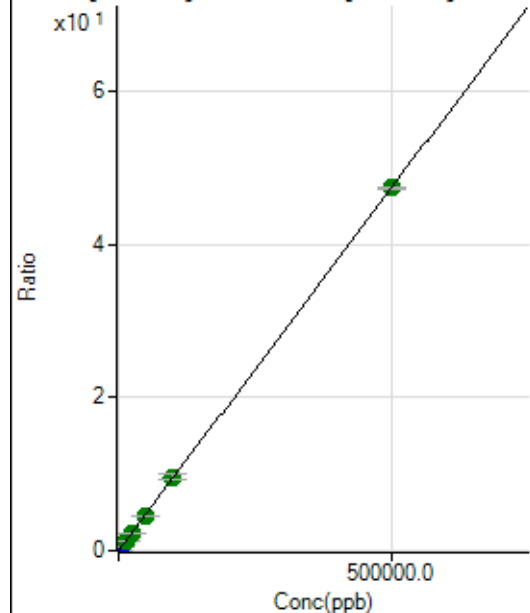
$$R = 1.0000$$

$$DL = 1.899$$

$$BEC = 11.73$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 34499.86     | 0.0041  | P    | 3.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 416.752    | 370432.08    | 0.0436  | P    | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 4913.357   | 3957552.17   | 0.4700  | P    | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12217.131  | 9794418.27   | 1.1625  | A    | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 24349.335  | 19102645.22  | 2.3130  | A    | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 48529.972  | 37548798.41  | 4.6058  | A    | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 101078.53  | 74039164.15  | 9.5886  | A    | 8.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 499971.85  | 370848686.07 | 47.4128 | A    | 0.4 |

$$y = 9.4823\text{E-}005 * x + 0.0041$$

$$R = 1.0000$$

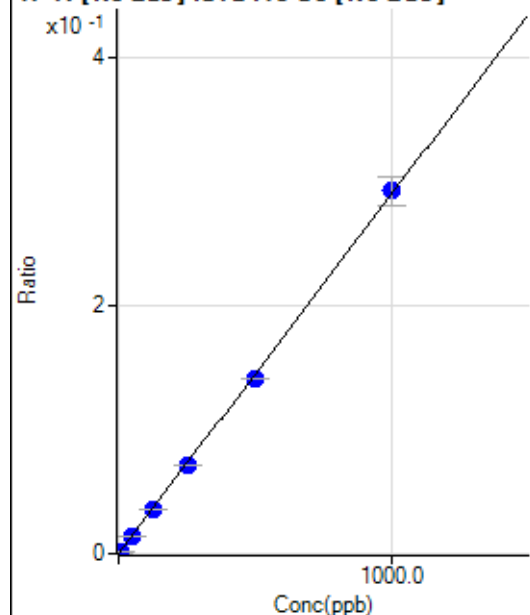
$$DL = 3.963$$

$$BEC = 43.02$$

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      | 341.69     | 0.0000 | P    | 17.9  |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.035      | 10284.58   | 0.0012 | P    | 1.6   |
| 4 | <input type="checkbox"/> | 50.000   | 49.055     | 120138.85  | 0.0143 | P    | 0.1   |
| 5 | <input type="checkbox"/> | 125.000  | 123.061    | 301008.63  | 0.0357 | P    | 0.4   |
| 6 | <input type="checkbox"/> | 250.000  | 244.558    | 586058.36  | 0.0710 | P    | 0.7   |
| 7 | <input type="checkbox"/> | 500.000  | 485.277    | 1147596.53 | 0.1408 | P    | 0.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.017   | 2260810.18 | 0.2927 | P    | 7.6   |
| 9 | <input type="checkbox"/> |          |            | 7975.36    | 0.0010 | P    | 130.7 |

$$y = 2.9000E-004 * x + 4.0376E-005$$

$$R = 0.9998$$

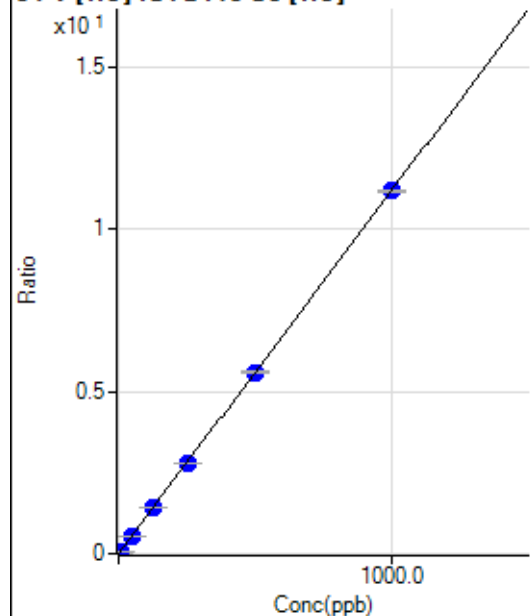
$$DL = 0.07492$$

$$BEC = 0.1392$$

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      | 43.33      | 0.0001  | P    | 34.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.368      | 18902.33   | 0.0490  | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.685     | 214907.26  | 0.5557  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.931    | 536039.08  | 1.4084  | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 250.724    | 1041569.28 | 2.8040  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 500.136    | 2034785.11 | 5.5932  | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.653    | 4072999.70 | 11.1794 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1663.46    | 0.0044  | P    | 5.8  |

$$y = 0.0112 * x + 1.1132E-004$$

$$R = 1.0000$$

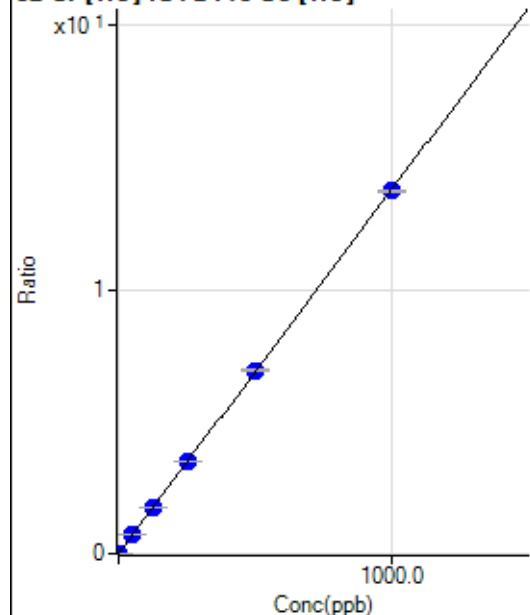
$$DL = 0.01019$$

$$BEC = 0.009954$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1566.77    | 0.0040  | P   | 1.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.858      | 11431.27   | 0.0296  | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.578     | 270746.83  | 0.7001  | P   | 0.0 |
| 5 | <input type="checkbox"/> | 125.000  | 127.328    | 668514.56  | 1.7565  | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 253.647    | 1298243.89 | 3.4950  | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 503.399    | 2521950.88 | 6.9324  | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.069    | 5001172.81 | 13.7268 | P   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 101303.85  | 0.2693  | P   | 0.6 |

$$y = 0.0138 * x + 0.0040$$

$$R = 1.0000$$

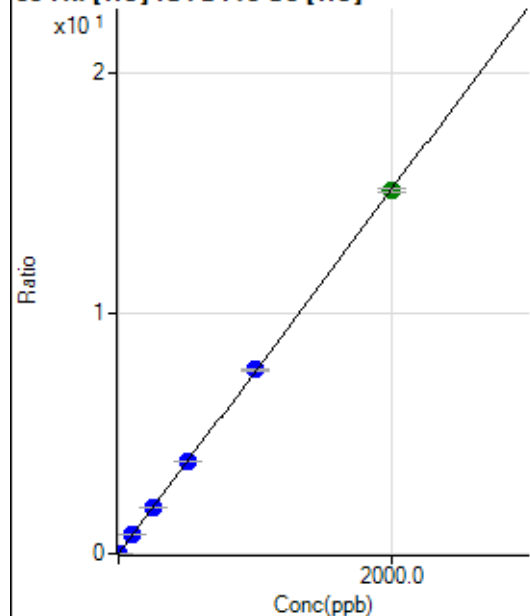
$$DL = 0.01519$$

$$BEC = 0.2932$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 168.89     | 0.0004  | P   | 10.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.907      | 2814.77    | 0.0073  | P   | 3.0  |
| 4 | <input type="checkbox"/> | 100.000  | 100.743    | 294676.30  | 0.7620  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 254.436    | 732235.58  | 1.9239  | P   | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 507.868    | 1426330.62 | 3.8398  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.908   | 2777613.60 | 7.6352  | P   | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1992.487   | 5487944.57 | 15.0633 | A   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 19173.81   | 0.0510  | P   | 4.2  |

$$y = 0.0076 * x + 4.3522E-004$$

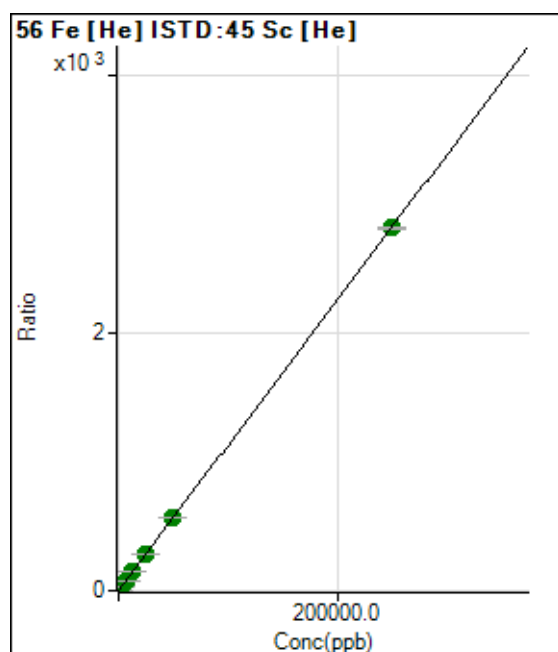
$$R = 1.0000$$

$$DL = 0.01857$$

$$BEC = 0.05757$$

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      | 7987.56      | 0.0206    | P    | 3.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |              |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 44.051     | 199292.86    | 0.5162    | P    | 0.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2557.184   | 11133065.07  | 28.7900   | A    | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6420.179   | 27498050.38  | 72.2505   | A    | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12771.576  | 53380179.43  | 143.7065  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 25461.575  | 104214531.03 | 286.4747  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 50240.418  | 205938467.57 | 565.2479  | A    | 0.8 |
| 9 | <input type="checkbox"/> | 250000.00 | 249887.35  | 1057498431.0 | 2,811.365 | A    | 0.7 |

$$y = 0.0113 * x + 0.0206$$

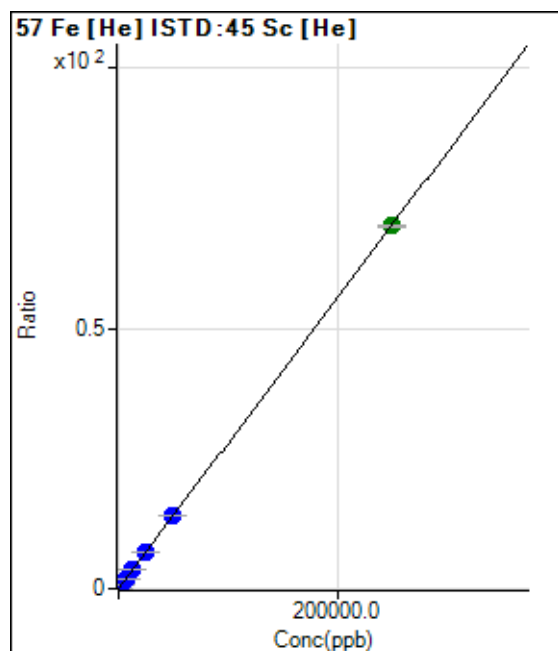
$$R = 1.0000$$

$$DL = 0.2039$$

$$BEC = 1.829$$

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      | 203.71      | 0.0005  | P    | 8.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 43.614     | 4897.23     | 0.0127  | P    | 4.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2531.218   | 273112.52   | 0.7063  | P    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6381.022   | 677319.64   | 1.7796  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12724.167  | 1317986.18  | 3.5482  | P    | 0.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 25321.453  | 2568523.29  | 7.0604  | P    | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 50341.988  | 5113922.91  | 14.0364 | P    | 0.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 249884.66  | 26206896.19 | 69.6711 | A    | 0.6 |

$$y = 2.7881E-004 * x + 5.2466E-004$$

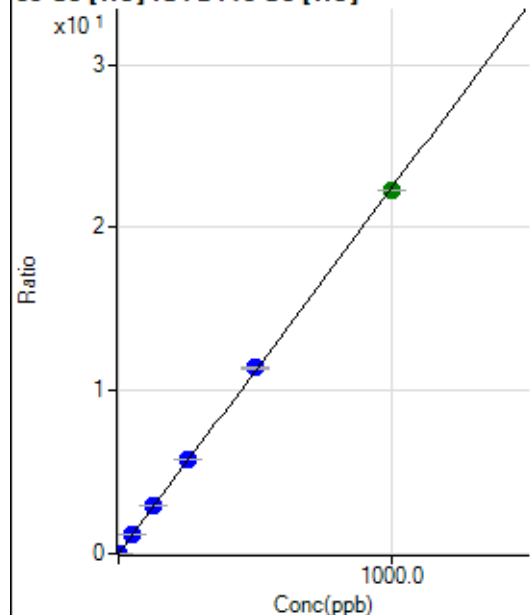
$$R = 1.0000$$

$$DL = 0.4891$$

$$BEC = 1.882$$

Weight: <None>

Min Conc: 0

**59 Co [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      | 307.79     | 0.0008  | P    | 20.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.914      | 8217.99    | 0.0213  | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.456     | 446361.11  | 1.1543  | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 129.618    | 1106166.69 | 2.9064  | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 256.573    | 2136763.27 | 5.7523  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 509.562    | 4155742.37 | 11.4236 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.926    | 8110123.56 | 22.2591 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 10809.70   | 0.0287  | P    | 0.9  |

$$y = 0.0224 * x + 7.9137E-004$$

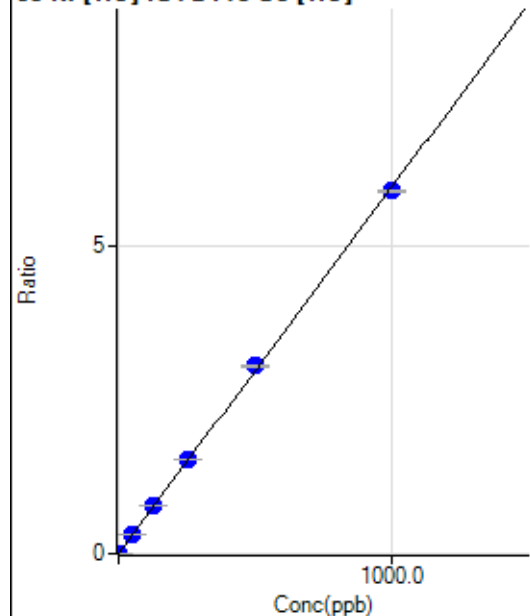
$$R = 0.9999$$

$$DL = 0.02125$$

$$BEC = 0.0353$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [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      | 345.57     | 0.0009 | P    | 7.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.927      | 2479.14    | 0.0064 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 52.071     | 120509.98  | 0.3116 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 130.557    | 296873.47  | 0.7800 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 258.102    | 572483.80  | 1.5412 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 512.847    | 1113737.33 | 3.0614 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.753    | 2154501.58 | 5.9135 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 25751.76   | 0.0685 | P    | 1.2 |

$$y = 0.0060 * x + 8.9019E-004$$

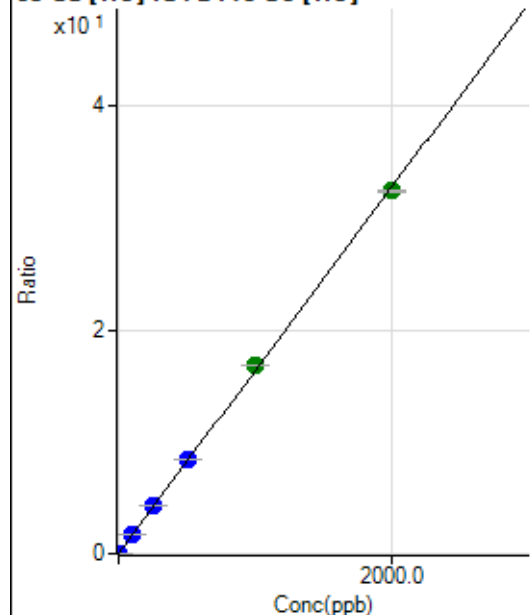
$$R = 0.9998$$

$$DL = 0.03529$$

$$BEC = 0.1492$$

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      | 5732.33     | 0.0148  | P    | 0.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.059      | 18708.84    | 0.0485  | P    | 0.9 |
| 4 | <input type="checkbox"/> | 100.000  | 103.227    | 658840.57   | 1.7037  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 260.425    | 1627339.89  | 4.2758  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 512.641    | 3121190.27  | 8.4025  | P    | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1028.009   | 6124413.94  | 16.8348 | A    | 0.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1981.371   | 11816795.66 | 32.4335 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 20002.74    | 0.0532  | P    | 1.3 |

$$y = 0.0164 * x + 0.0148$$

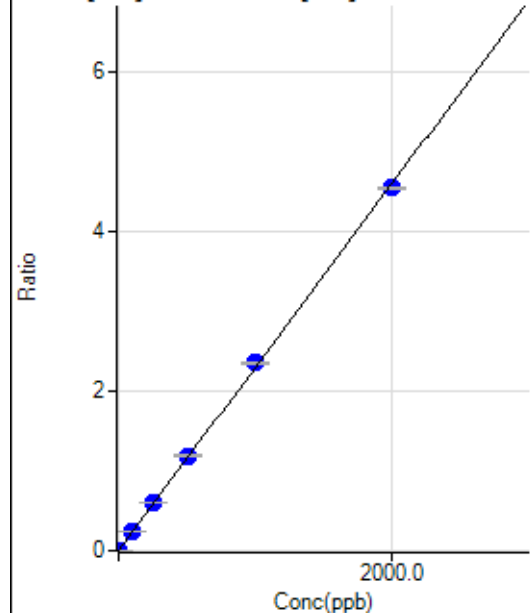
$$R = 0.9998$$

$$DL = 0.01733$$

$$BEC = 0.9022$$

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      | 241.12     | 0.0006 | P    | 4.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.829      | 1863.49    | 0.0048 | P    | 6.3 |
| 4 | <input type="checkbox"/> | 100.000  | 104.794    | 93386.17   | 0.2415 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 260.999    | 228551.31  | 0.6005 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 519.294    | 443600.75  | 1.1942 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1026.505   | 858558.17  | 2.3600 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 2000.000 | 1980.310   | 1658561.50 | 4.5523 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 17976.83   | 0.0478 | P    | 0.6 |

$$y = 0.0023 * x + 6.2104E-004$$

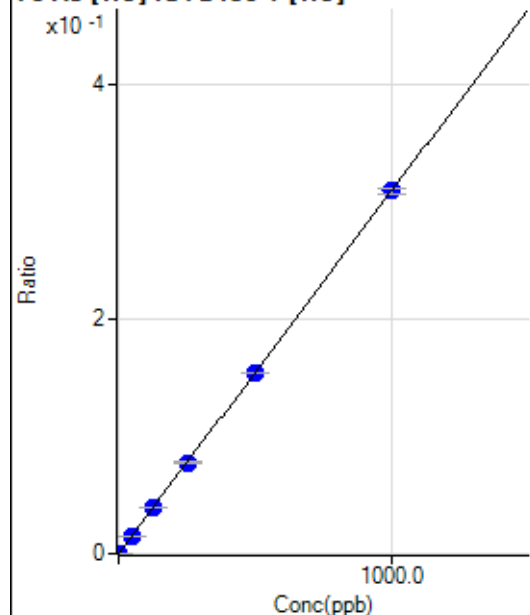
$$R = 0.9998$$

$$DL = 0.03553$$

$$BEC = 0.2702$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 32.10     | 0.0000 | P        | 26.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.929      | 593.84    | 0.0003 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.553     | 30109.55  | 0.0153 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.415    | 75255.01  | 0.0388 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 250.803    | 148296.92 | 0.0775 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 498.912    | 288565.81 | 0.1542 | P        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.314   | 574840.12 | 0.3092 | P        | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 969.79    | 0.0005 | P        | 13.7 |

$$y = 3.0904E-004 * x + 1.6175E-005$$

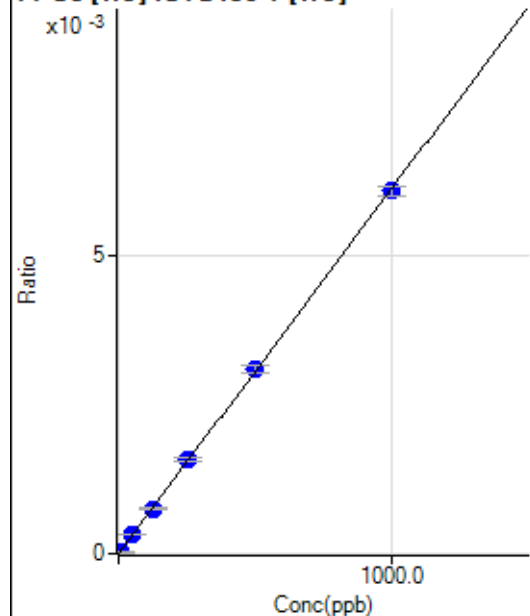
$$R = 1.0000$$

$$DL = 0.04109$$

$$BEC = 0.05234$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00     | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.153      | 37.78    | 0.0000 | P        | 37.1 |
| 4 | <input type="checkbox"/> | 50.000   | 54.221     | 652.25   | 0.0003 | P        | 3.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.293    | 1465.66  | 0.0008 | P        | 2.0  |
| 6 | <input type="checkbox"/> | 250.000  | 257.721    | 3019.26  | 0.0016 | P        | 3.2  |
| 7 | <input type="checkbox"/> | 500.000  | 506.977    | 5811.26  | 0.0031 | P        | 3.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.593    | 11326.81 | 0.0061 | P        | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 13.33    | 0.0000 | P        | 74.7 |

$$y = 6.1251E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

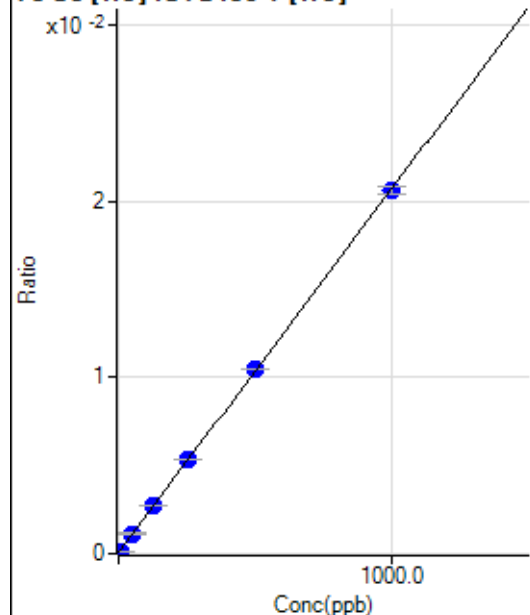
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 117.90   | 0.0001 | P    | 10.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.383      | 293.22   | 0.0001 | P    | 6.7  |
| 4 | <input type="checkbox"/> | 50.000   | 51.958     | 2220.56  | 0.0011 | P    | 3.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.846    | 5231.23  | 0.0027 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 256.736    | 10240.11 | 0.0054 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 505.548    | 19616.39 | 0.0105 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.092    | 38256.45 | 0.0206 | P    | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 193.83   | 0.0001 | P    | 7.0  |

$$y = 2.0617\text{E-}005 * x + 5.9393\text{E-}005$$

$$R = 0.9999$$

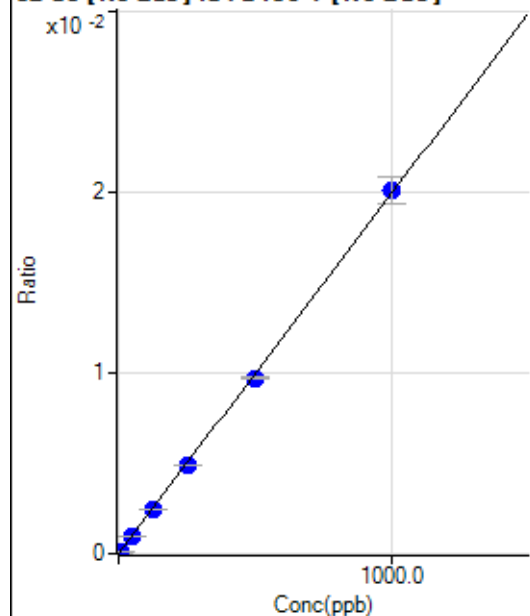
$$DL = 0.8855$$

$$BEC = 2.881$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -47.77    | 0.0000 | P    | -102. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.220      | 1083.04   | 0.0001 | P    | 20.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.234     | 13057.59  | 0.0010 | P    | 1.1   |
| 5 | <input type="checkbox"/> | 125.000  | 123.656    | 32688.90  | 0.0025 | P    | 0.6   |
| 6 | <input type="checkbox"/> | 250.000  | 247.190    | 64642.63  | 0.0049 | P    | 0.8   |
| 7 | <input type="checkbox"/> | 500.000  | 487.469    | 126505.78 | 0.0097 | P    | 0.6   |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.178   | 246106.93 | 0.0201 | P    | 7.3   |
| 9 | <input type="checkbox"/> |          |            | 265.14    | 0.0000 | P    | 38.8  |

$$y = 1.9952\text{E-}005 * x - 3.5759\text{E-}006$$

$$R = 0.9999$$

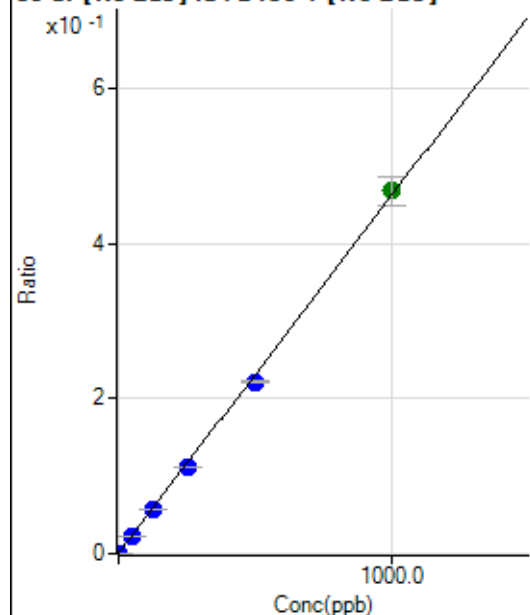
$$DL = 0.5487$$

$$BEC = -0.1792$$

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. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7460.58    | 0.0006 | P    | 2.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.655      | 11549.53   | 0.0009 | P    | 3.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.108     | 303612.37  | 0.0228 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 120.627    | 745974.58  | 0.0562 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 241.251    | 1467482.07 | 0.1119 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 479.351    | 2885316.30 | 0.2218 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1013.153   | 5731919.40 | 0.4681 | A    | 7.9 |
| 9 | <input type="checkbox"/> |          |            | 158827.13  | 0.0128 | P    | 0.8 |

$$y = 4.6145\text{E-}004 * x + 5.5830\text{E-}004$$

$$R = 0.9996$$

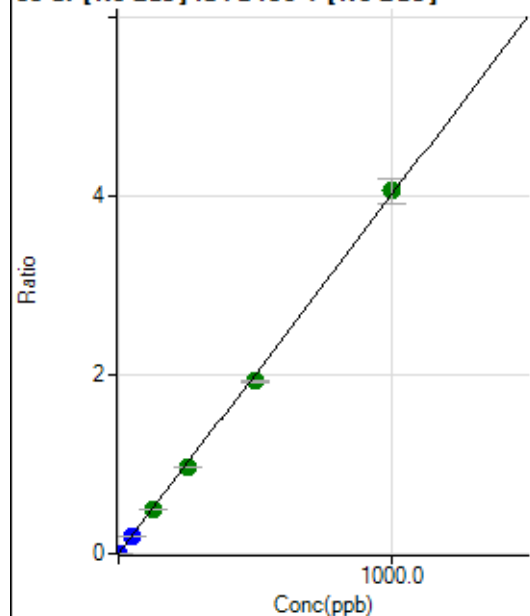
$$DL = 0.07877$$

$$BEC = 1.21$$

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. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1922.44     | 0.0001 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.729      | 41099.02    | 0.0031 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.617     | 2599157.33  | 0.1948 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 121.108    | 6436771.93  | 0.4851 | A    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 242.317    | 12728927.98 | 0.9705 | A    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 481.784    | 25104014.80 | 1.9294 | A    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1011.585   | 49633066.04 | 4.0509 | A    | 6.8 |
| 9 | <input type="checkbox"/> |          |            | 1331259.07  | 0.1073 | P    | 0.6 |

$$y = 0.0040 * x + 1.4386\text{E-}004$$

$$R = 0.9997$$

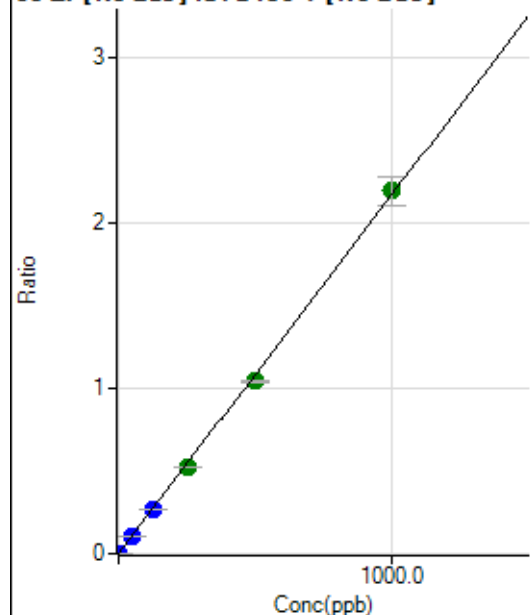
$$DL = 0.002491$$

$$BEC = 0.03593$$

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      | 847.29      | 0.0001 | P    | 12.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.748      | 22607.70    | 0.0017 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.819     | 1383836.97  | 0.1037 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 121.420    | 3493404.03  | 0.2633 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 240.929    | 6851320.20  | 0.5224 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 481.751    | 13589169.23 | 1.0444 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1011.949   | 26868653.72 | 2.1938 | A    | 7.6  |
| 9 | <input type="checkbox"/> |          |            | 6876.96     | 0.0006 | P    | 4.6  |

$$y = 0.0022 * x + 6.3409E-005$$

$$R = 0.9997$$

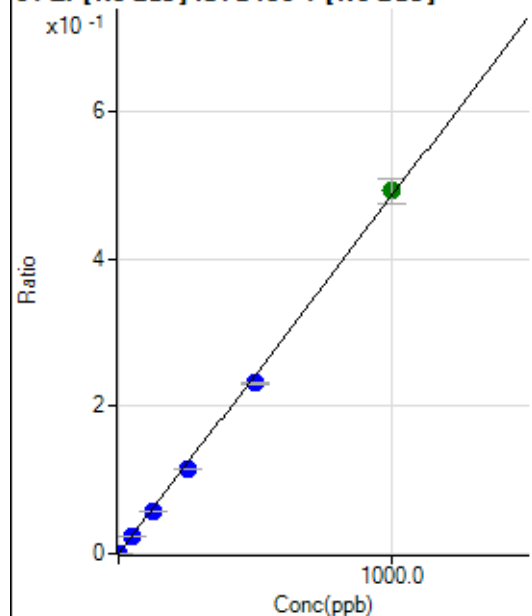
$$DL = 0.01099$$

$$BEC = 0.02925$$

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      | 177.79     | 0.0000 | P    | 13.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.723      | 4892.72    | 0.0004 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 47.509     | 308022.53  | 0.0231 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 119.766    | 772014.30  | 0.0582 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 238.775    | 1521293.89 | 0.1160 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 477.822    | 3019736.57 | 0.2321 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.674   | 6037499.18 | 0.4928 | A    | 7.1  |
| 9 | <input type="checkbox"/> |          |            | 1533.48    | 0.0001 | P    | 6.2  |

$$y = 4.8569E-004 * x + 1.3304E-005$$

$$R = 0.9996$$

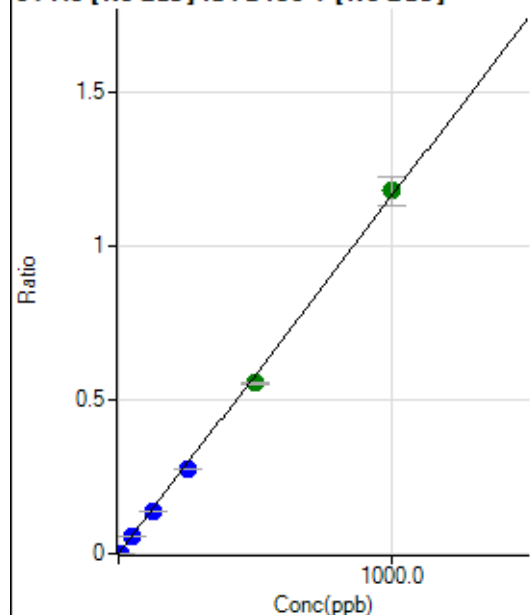
$$DL = 0.01109$$

$$BEC = 0.02739$$

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      | 472.25      | 0.0000 | P    | 20.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.703      | 27012.60    | 0.0020 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 46.394     | 718858.01   | 0.0539 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 118.585    | 1826709.11  | 0.1377 | P    | 0.0  |
| 6 | <input type="checkbox"/> | 250.000  | 237.517    | 3616322.13  | 0.2757 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 477.501    | 7211304.15  | 0.5542 | A    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1015.369   | 14433914.39 | 1.1785 | A    | 7.7  |
| 9 | <input type="checkbox"/> |          |            | 24513.69    | 0.0020 | P    | 8.3  |

$$y = 0.0012 * x + 3.5344E-005$$

$$R = 0.9996$$

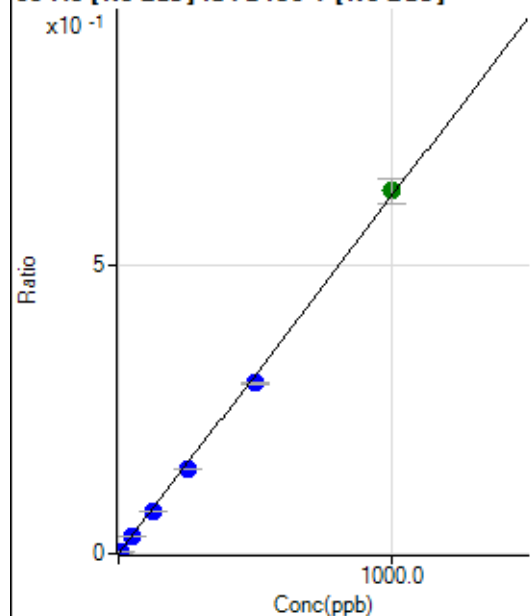
$$DL = 0.01888$$

$$BEC = 0.03045$$

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      | 313.91     | 0.0000 | P    | 5.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 3.936      | 33117.24   | 0.0025 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 46.108     | 382205.97  | 0.0286 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 118.419    | 975779.23  | 0.0735 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 238.527    | 1942586.87 | 0.1481 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 477.171    | 3854722.87 | 0.2963 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1015.305   | 7722796.44 | 0.6303 | A    | 6.8 |
| 9 | <input type="checkbox"/> |          |            | 38224.86   | 0.0031 | P    | 9.7 |

$$y = 6.2082E-004 * x + 2.3491E-005$$

$$R = 0.9996$$

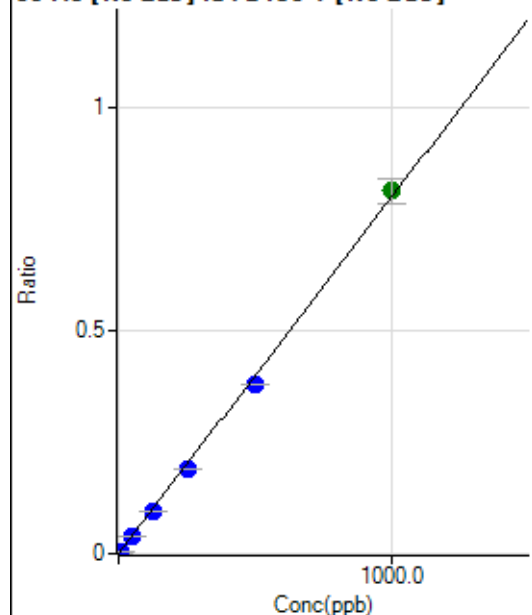
$$DL = 0.006329$$

$$BEC = 0.03784$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 436.14     | 0.0000 | P    | 15.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.373      | 36687.13   | 0.0027 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 46.114     | 492899.26  | 0.0369 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 118.064    | 1254418.85 | 0.0945 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 236.132    | 2479659.67 | 0.1891 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 473.185    | 4929021.68 | 0.3788 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1017.944   | 9982370.88 | 0.8149 | A    | 7.2  |
| 9 | <input type="checkbox"/> |          |            | 45429.19   | 0.0037 | P    | 7.6  |

$$y = 8.0048\text{E-}004 * x + 3.2635\text{E-}005$$

$$R = 0.9994$$

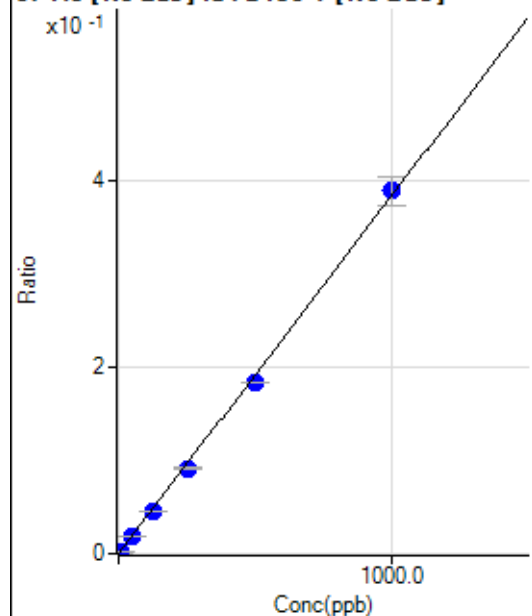
$$DL = 0.0188$$

$$BEC = 0.04077$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 183.34     | 0.0000 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.916      | 20356.94   | 0.0015 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 46.762     | 239584.97  | 0.0180 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 120.471    | 613565.60  | 0.0462 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 239.128    | 1203748.14 | 0.0918 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 478.424    | 2388955.22 | 0.1836 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.240   | 4766623.24 | 0.3892 | P    | 7.7  |
| 9 | <input type="checkbox"/> |          |            | 23592.63   | 0.0019 | P    | 6.8  |

$$y = 3.8374\text{E-}004 * x + 1.3719\text{E-}005$$

$$R = 0.9996$$

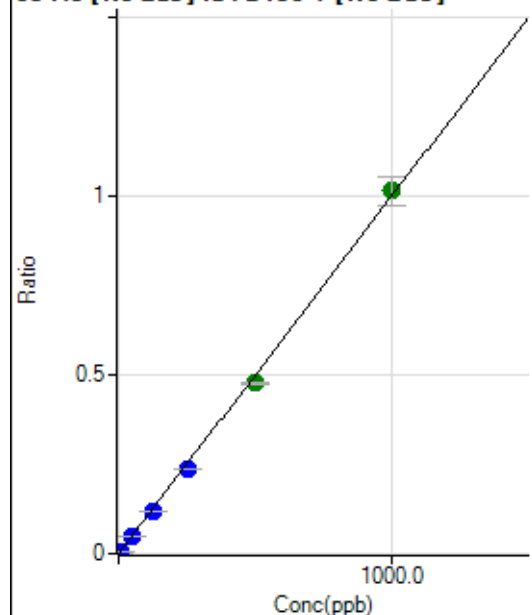
$$DL = 0.01455$$

$$BEC = 0.03575$$

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      | 547.26      | 0.0000 | P    | 16.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.906      | 52991.45    | 0.0039 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 46.124     | 616031.47   | 0.0462 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 118.146    | 1568503.89  | 0.1182 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 236.501    | 3103187.63  | 0.2366 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 477.781    | 6218497.80  | 0.4779 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1015.540   | 12439870.07 | 1.0158 | A    | 7.8  |
| 9 | <input type="checkbox"/> |          |            | 59950.14    | 0.0048 | P    | 9.7  |

$$y = 0.0010 * x + 4.0956E-005$$

$$R = 0.9995$$

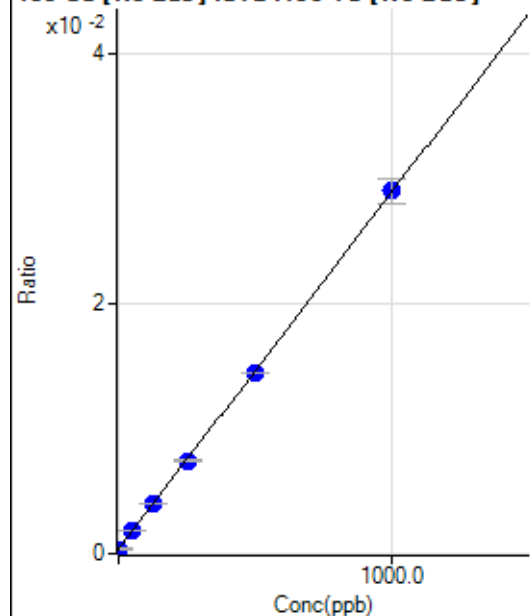
$$DL = 0.02069$$

$$BEC = 0.04095$$

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      | 5945.92   | 0.0004 | P    | 1.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.399      | 6182.17   | 0.0004 | P    | 6.9 |
| 4 | <input type="checkbox"/> | 50.000   | 49.782     | 29381.62  | 0.0018 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 126.383    | 65200.87  | 0.0040 | P    | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 247.974    | 120405.70 | 0.0074 | P    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 492.415    | 232146.55 | 0.0144 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.137   | 444291.89 | 0.0290 | P    | 6.6 |
| 9 | <input type="checkbox"/> |          |            | 5279.02   | 0.0003 | P    | 5.8 |

$$y = 2.8517E-005 * x + 3.6654E-004$$

$$R = 1.0000$$

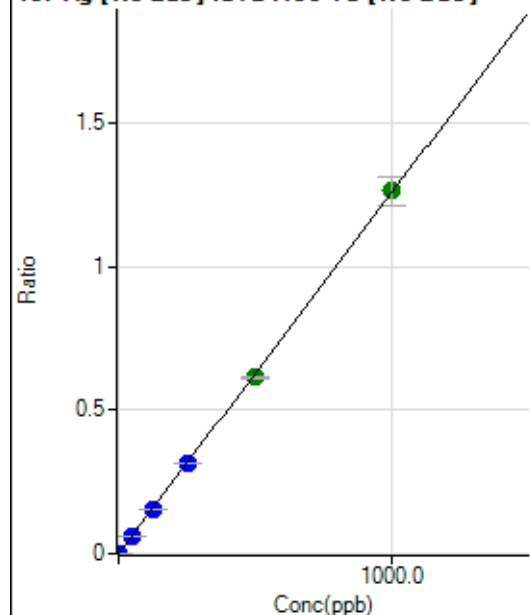
$$DL = 0.6708$$

$$BEC = 12.85$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.90      | 0.0000 | P    | 11.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.158      | 24035.09    | 0.0015 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.889     | 1032119.69  | 0.0627 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.951    | 2580291.14  | 0.1571 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.405    | 5076862.78  | 0.3136 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 488.017    | 9887012.90  | 0.6137 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.152   | 19373344.01 | 1.2652 | A    | 7.7  |
| 9 | <input type="checkbox"/> |          |            | 3383.90     | 0.0002 | P    | 10.2 |

$$y = 0.0013 * x + 1.3183E-005$$

$$R = 0.9999$$

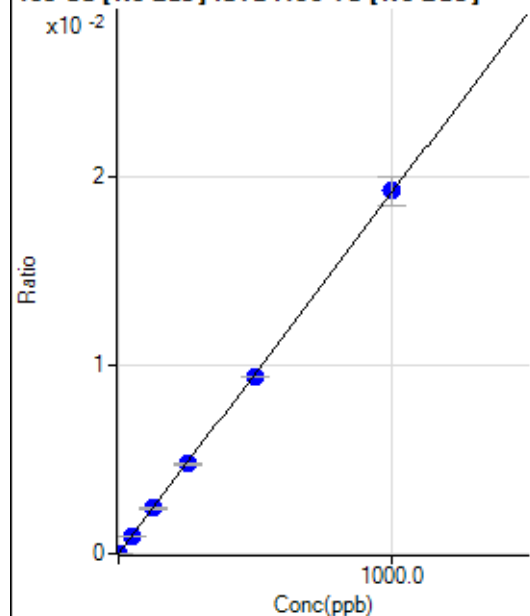
$$DL = 0.003448$$

$$BEC = 0.01048$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 23.61     | 0.0000 | P    | 37.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.870      | 295.84    | 0.0000 | P    | 11.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.890     | 15703.42  | 0.0010 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.315    | 39338.28  | 0.0024 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 248.282    | 76812.63  | 0.0047 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 489.784    | 150791.95 | 0.0094 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.504   | 294176.27 | 0.0192 | P    | 7.8  |
| 9 | <input type="checkbox"/> |          |            | 108.33    | 0.0000 | P    | 34.7 |

$$y = 1.9106E-005 * x + 1.4572E-006$$

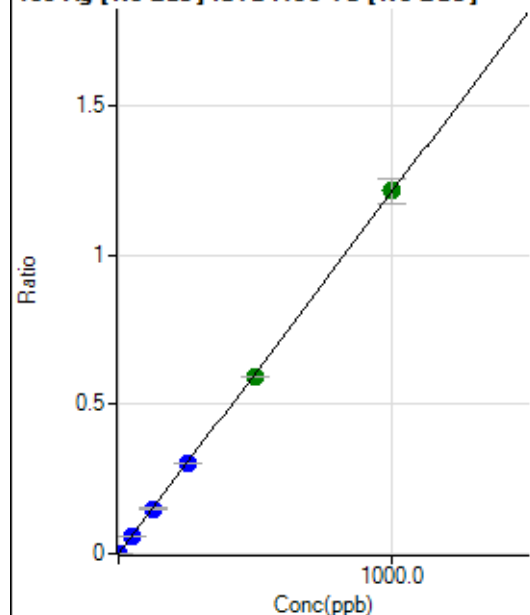
$$R = 0.9999$$

$$DL = 0.08525$$

$$BEC = 0.07627$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67      | 0.0000 | P    | 13.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.141      | 22696.85    | 0.0014 | P    | 4.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.918     | 992688.63   | 0.0603 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.062    | 2482545.63  | 0.1512 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 249.614    | 4884482.88  | 0.3017 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 490.672    | 9556141.45  | 0.5931 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.757   | 18603117.95 | 1.2145 | A    | 7.0  |
| 9 | <input type="checkbox"/> |          |            | 3133.83     | 0.0002 | P    | 16.4 |

$$y = 0.0012 * x + 7.1893E-006$$

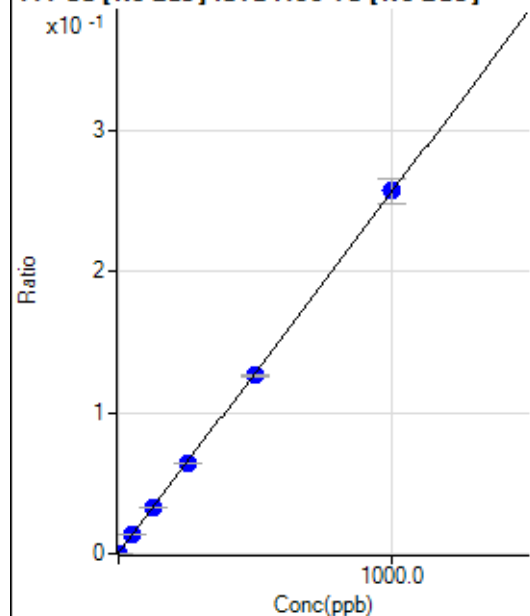
$$R = 0.9999$$

$$DL = 0.002474$$

$$BEC = 0.005948$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4213.68    | 0.0003 | P    | 1.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.854      | 7832.11    | 0.0005 | P    | 4.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.358     | 216637.21  | 0.0132 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 126.186    | 535465.64  | 0.0326 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 251.179    | 1046589.51 | 0.0647 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 491.723    | 2035196.25 | 0.1263 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.678   | 3945019.13 | 0.2576 | P    | 7.1 |
| 9 | <input type="checkbox"/> |          |            | 4397.30    | 0.0003 | P    | 6.0 |

$$y = 2.5636E-004 * x + 2.5975E-004$$

$$R = 0.9999$$

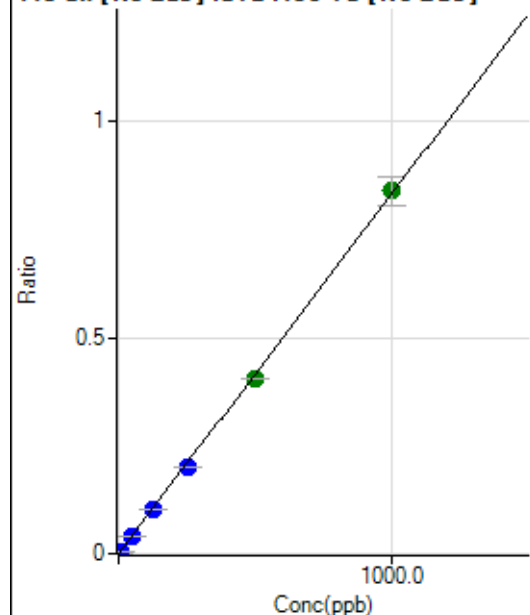
$$DL = 0.04538$$

$$BEC = 1.013$$

Weight: &lt;None&gt;

Min Conc: 0

118 Sn [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      | 638.94      | 0.0000 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.135      | 56932.77    | 0.0035 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.004     | 657620.48   | 0.0400 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 120.984    | 1653482.61  | 0.1007 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 241.514    | 3253351.31  | 0.2010 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 487.603    | 6536829.48  | 0.4057 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.926   | 12852697.16 | 0.8394 | A    | 8.0  |
| 9 | <input type="checkbox"/> |          |            | 13938.16    | 0.0009 | P    | 12.4 |

$$y = 8.3198\text{E-}004 * x + 3.9375\text{E-}005$$

$$R = 0.9999$$

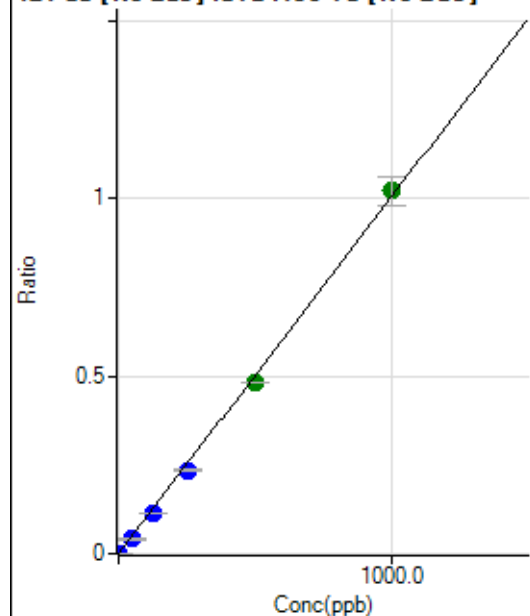
$$DL = 0.01805$$

$$BEC = 0.04733$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [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      | 547.26      | 0.0000 | P    | 18.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.787      | 29918.88    | 0.0018 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 40.754     | 673896.32   | 0.0410 | P    | 3.9  |
| 5 | <input type="checkbox"/> | 125.000  | 112.232    | 1851302.69  | 0.1128 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 233.285    | 3793506.07  | 0.2343 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 479.506    | 7760147.74  | 0.4816 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1016.484   | 15633898.09 | 1.0210 | A    | 7.7  |
| 9 | <input type="checkbox"/> |          |            | 82110.51    | 0.0054 | P    | 9.2  |

$$y = 0.0010 * x + 3.3716\text{E-}005$$

$$R = 0.9995$$

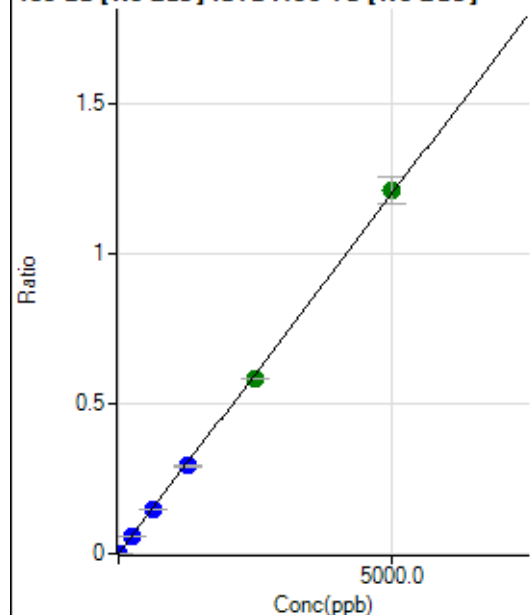
$$DL = 0.01876$$

$$BEC = 0.03357$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 158.34      | 0.0000 | P    | 10.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.463      | 33285.30    | 0.0020 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 250.000  | 240.949    | 948268.37   | 0.0576 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 625.000  | 607.915    | 2388044.48  | 0.1454 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1217.943   | 4716418.25  | 0.2914 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2426.341   | 9351442.40  | 0.5804 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5047.435   | 18489263.95 | 1.2074 | A    | 7.6  |
| 9 | <input type="checkbox"/> |          |            | 7179.94     | 0.0005 | P    | 8.9  |

$$y = 2.3921\text{E-}004 * x + 9.7611\text{E-}006$$

$$R = 0.9998$$

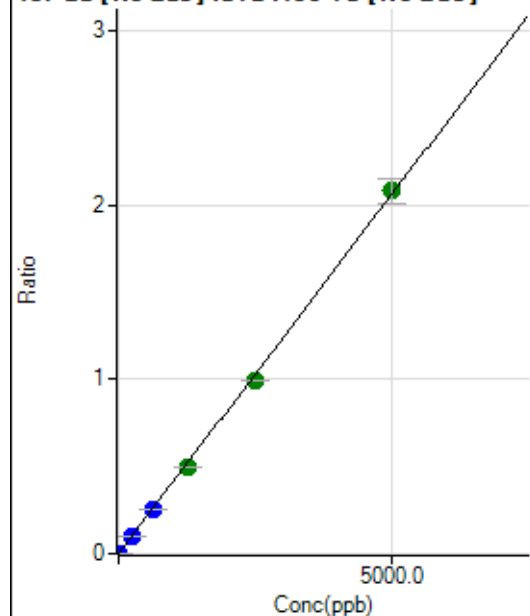
$$DL = 0.01291$$

$$BEC = 0.04081$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 211.12      | 0.0000 | P    | 13.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.435      | 57017.86    | 0.0035 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 250.000  | 242.167    | 1639832.49  | 0.0997 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 610.185    | 4124408.99  | 0.2512 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1213.462   | 8085417.98  | 0.4995 | A    | 0.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2416.491   | 16025222.06 | 0.9946 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5053.136   | 31859608.35 | 2.0799 | A    | 6.9  |
| 9 | <input type="checkbox"/> |          |            | 12261.45    | 0.0008 | P    | 2.0  |

$$y = 4.1159\text{E-}004 * x + 1.3014\text{E-}005$$

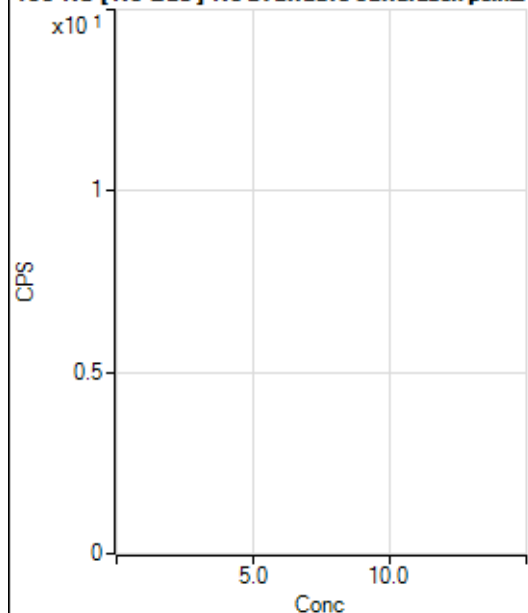
$$R = 0.9998$$

$$DL = 0.01312$$

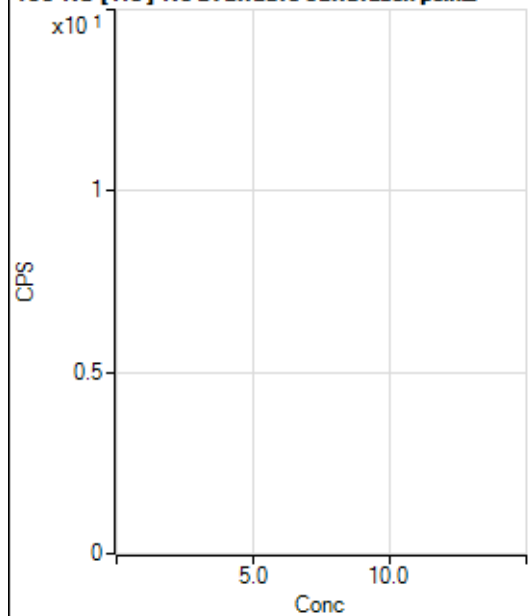
$$BEC = 0.03162$$

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"/> |       |            | 13.34   |       | P        | 132.3 |
| 2 | <input type="checkbox"/> |       |            |         |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 20.00   |       | P        | 57.7  |
| 4 | <input type="checkbox"/> |       |            | 66.67   |       | P        | 0.0   |
| 5 | <input type="checkbox"/> |       |            | 155.56  |       | P        | 2.5   |
| 6 | <input type="checkbox"/> |       |            | 300.01  |       | P        | 21.2  |
| 7 | <input type="checkbox"/> |       |            | 513.36  |       | P        | 9.8   |
| 8 | <input type="checkbox"/> |       |            | 1033.41 |       | P        | 8.9   |
| 9 | <input type="checkbox"/> |       |            | 237.79  |       | P        | 11.7  |

**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 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 24.7  |
| 5 | <input type="checkbox"/> |       |            | 13.33  |       | P        | 50.0  |
| 6 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 47.9  |
| 7 | <input type="checkbox"/> |       |            | 46.66  |       | P        | 12.4  |
| 8 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 18.5  |
| 9 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 9.6   |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 24.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 51.4 |
| 4 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 12.4 |
| 5 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 30.0 |
| 6 | <input type="checkbox"/> |       |            | 125.00 |       | P        | 11.5 |
| 7 | <input type="checkbox"/> |       |            | 258.35 |       | P        | 8.5  |
| 8 | <input type="checkbox"/> |       |            | 300.02 |       | P        | 19.4 |
| 9 | <input type="checkbox"/> |       |            | 300.02 |       | P        | 10.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 24.7 |
| 4 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 10.2 |
| 5 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 65.5 |
| 6 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 52.7 |
| 7 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 19.9 |
| 8 | <input type="checkbox"/> |       |            | 70.00  |       | P        | 12.6 |
| 9 | <input type="checkbox"/> |       |            | 142.23 |       | P        | 15.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 177.79 |       | P        | 25.8 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 166.68 |       | P        | 22.9 |
| 4 | <input type="checkbox"/> |       |            | 161.12 |       | P        | 10.8 |
| 5 | <input type="checkbox"/> |       |            | 208.34 |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 188.90 |       | P        | 18.4 |
| 7 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 5.6  |
| 8 | <input type="checkbox"/> |       |            | 191.68 |       | P        | 21.7 |
| 9 | <input type="checkbox"/> |       |            | 347.24 |       | P        | 21.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 45.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 83.33  |       | P        | 31.2 |
| 4 | <input type="checkbox"/> |       |            | 73.34  |       | P        | 19.8 |
| 5 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 9.2  |
| 6 | <input type="checkbox"/> |       |            | 92.22  |       | P        | 7.5  |
| 7 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 23.8 |
| 8 | <input type="checkbox"/> |       |            | 114.45 |       | P        | 9.4  |
| 9 | <input type="checkbox"/> |       |            | 185.56 |       | P        | 12.0 |

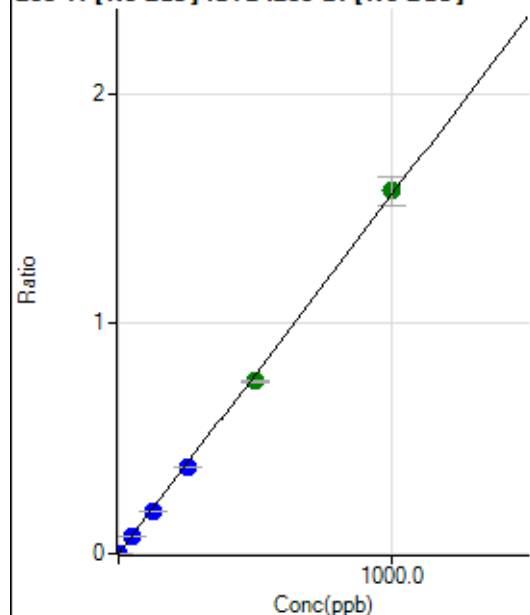
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 39.0 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 27.0 |
| 4 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 58.8 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 26.7 |
| 6 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 6.9  |
| 7 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 32.9 |
| 8 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 31.1 |
| 9 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 38.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 28.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 36.67 |       | P        | 31.5 |
| 4 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 13.9 |
| 5 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 47.9 |
| 6 | <input type="checkbox"/> |       |            | 35.55 |       | P        | 10.8 |
| 7 | <input type="checkbox"/> |       |            | 36.67 |       | P        | 24.1 |
| 8 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 30.0 |
| 9 | <input type="checkbox"/> |       |            | 70.00 |       | P        | 21.8 |

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      | 269.46      | 0.0000 | P    | 28.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.824      | 13757.70    | 0.0013 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 50.000   | 47.092     | 775791.61   | 0.0735 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 119.880    | 1947468.23  | 0.1870 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 242.443    | 3875011.28  | 0.3781 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 481.938    | 7638280.12  | 0.7516 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1011.706   | 15099396.52 | 1.5777 | A    | 8.2  |
| 9 | <input type="checkbox"/> |          |            | 5932.18     | 0.0007 | P    | 2.8  |

$$y = 0.0016 * x + 2.5756E-005$$

$$R = 0.9997$$

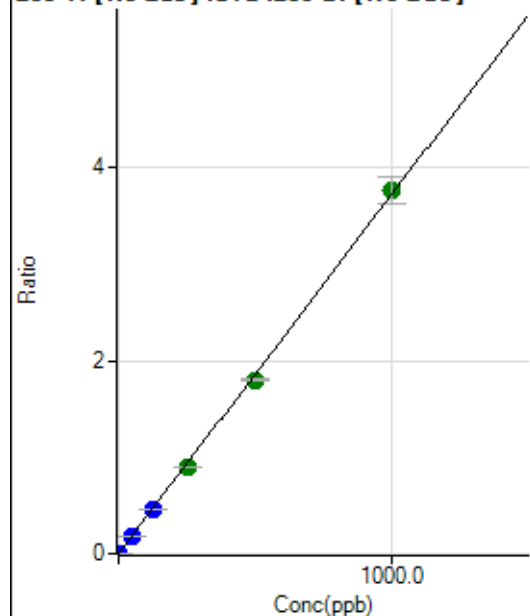
$$DL = 0.01395$$

$$BEC = 0.01652$$

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      | 616.71      | 0.0001 | P    | 10.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.844      | 33523.71    | 0.0032 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.806     | 1877525.76  | 0.1778 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 121.532    | 4706875.06  | 0.4519 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 242.772    | 9250821.13  | 0.9026 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 483.467    | 18267979.75 | 1.7974 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1010.617   | 35971479.28 | 3.7572 | A    | 7.5  |
| 9 | <input type="checkbox"/> |          |            | 14600.27    | 0.0016 | P    | 7.6  |

$$y = 0.0037 * x + 5.8947E-005$$

$$R = 0.9998$$

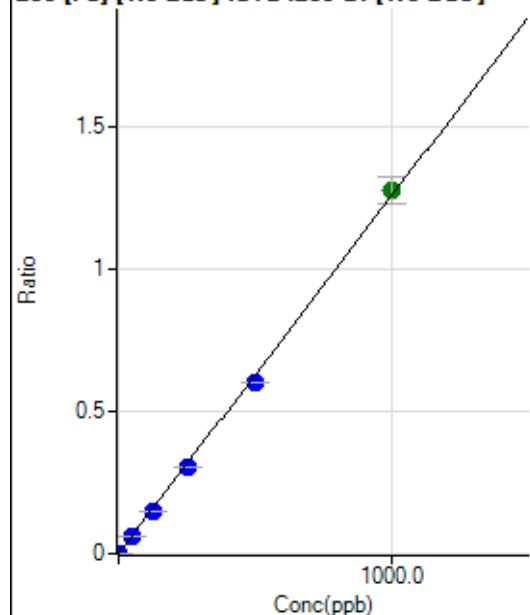
$$DL = 0.005056$$

$$BEC = 0.01586$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6462.87     | 0.0006 | P        | 0.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.019      | 19917.18    | 0.0019 | P        | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 46.781     | 627690.15   | 0.0594 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 119.043    | 1565446.01  | 0.1503 | P        | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 239.979    | 3098746.54  | 0.3024 | P        | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 478.084    | 6115636.77  | 0.6017 | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.369   | 12217853.05 | 1.2760 | A        | 7.3 |
| 9 | <input type="checkbox"/> |          |            | 30270.06    | 0.0034 | P        | 1.3 |

$$y = 0.0013 * x + 6.1754E-004$$

$$R = 0.9996$$

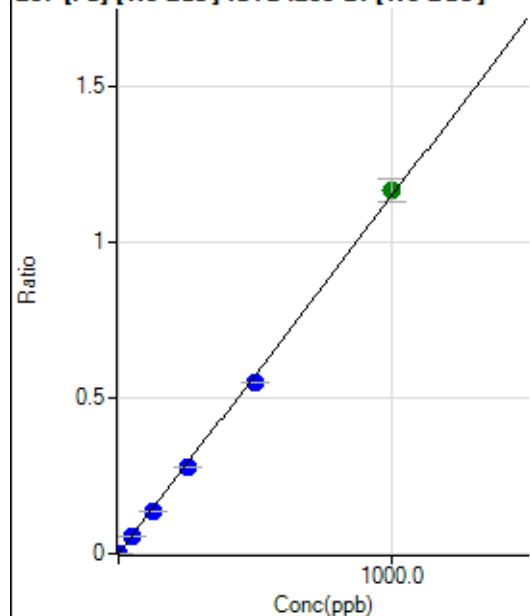
$$DL = 0.005352$$

$$BEC = 0.4911$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5512.44     | 0.0005 | P        | 2.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.038      | 18029.34    | 0.0017 | P        | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 46.950     | 575010.49   | 0.0544 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 119.120    | 1430573.20  | 0.1373 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 240.053    | 2830905.39  | 0.2762 | P        | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 477.119    | 5574532.82  | 0.5485 | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.815   | 11169398.86 | 1.1660 | A        | 6.3 |
| 9 | <input type="checkbox"/> |          |            | 25257.83    | 0.0028 | P        | 0.4 |

$$y = 0.0011 * x + 5.2676E-004$$

$$R = 0.9996$$

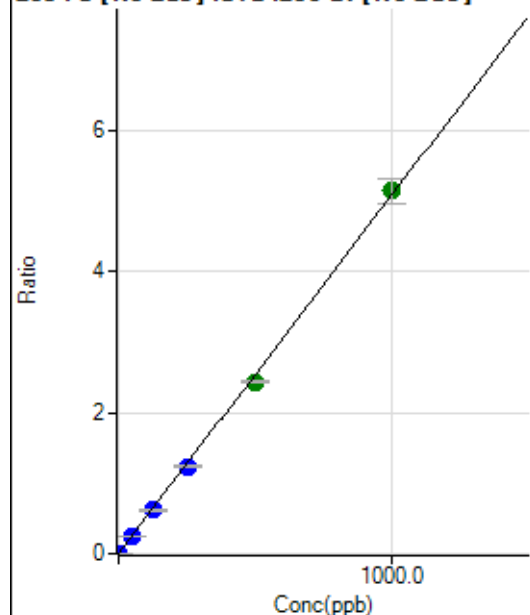
$$DL = 0.02752$$

$$BEC = 0.4587$$

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      | 25382.39    | 0.0024 | P        | 0.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.040      | 80918.24    | 0.0077 | P        | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 47.353     | 2567307.55  | 0.2431 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 120.449    | 6402118.22  | 0.6146 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 243.675    | 12717950.23 | 1.2409 | P        | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 479.605    | 24799365.49 | 2.4401 | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1012.480   | 49298193.47 | 5.1485 | A        | 7.2 |
| 9 | <input type="checkbox"/> |          |            | 118311.12   | 0.0132 | P        | 0.5 |

$$y = 0.0051 * x + 0.0024$$

$$R = 0.9997$$

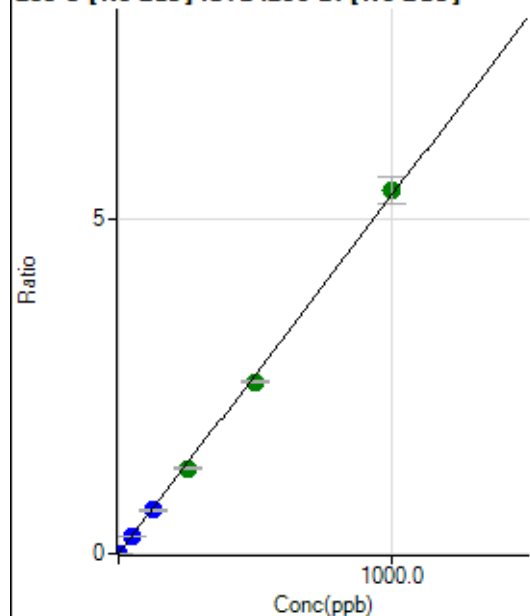
$$DL = 0.006404$$

$$BEC = 0.4772$$

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      | 727.83      | 0.0001 | P        | 9.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.810      | 46194.09    | 0.0044 | P        | 0.7 |
| 4 | <input type="checkbox"/> | 50.000   | 46.556     | 2629884.48  | 0.2490 | P        | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 120.903    | 6734982.01  | 0.6466 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 238.509    | 13071866.35 | 1.2755 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 480.010    | 26088313.08 | 2.5669 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1013.553   | 51895152.89 | 5.4200 | A        | 7.3 |
| 9 | <input type="checkbox"/> |          |            | 11349.91    | 0.0013 | P        | 3.8 |

$$y = 0.0053 * x + 6.9563E-005$$

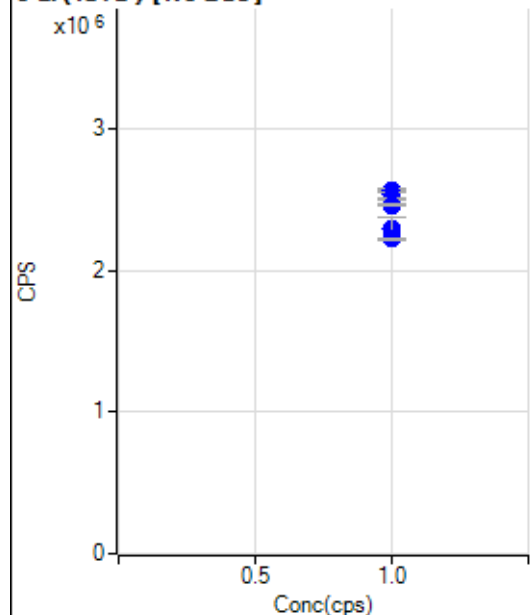
$$R = 0.9996$$

$$DL = 0.003499$$

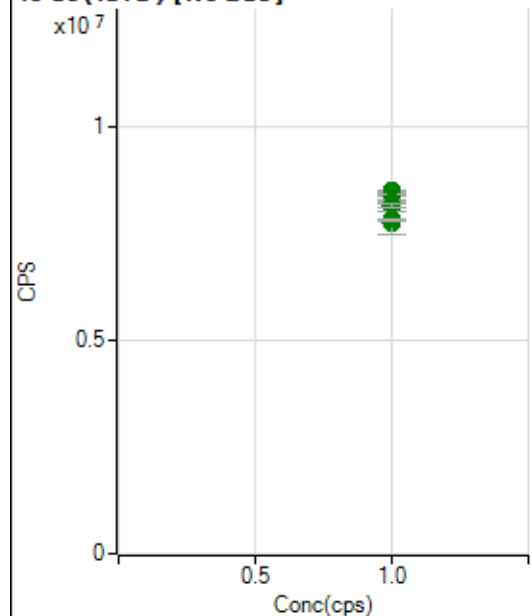
$$BEC = 0.01301$$

Weight: &lt;None&gt;

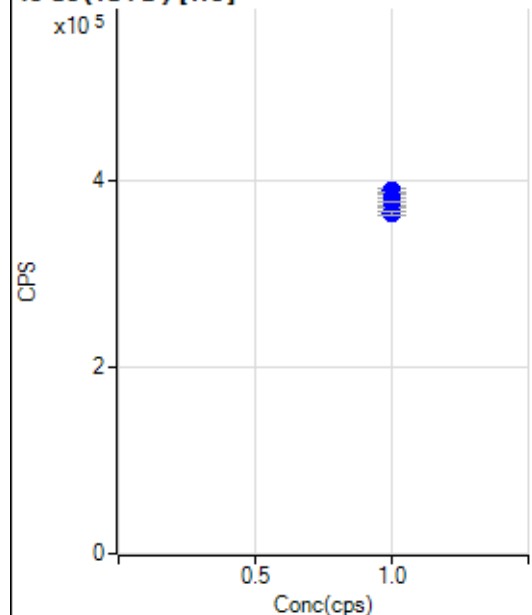
Min Conc: 0

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

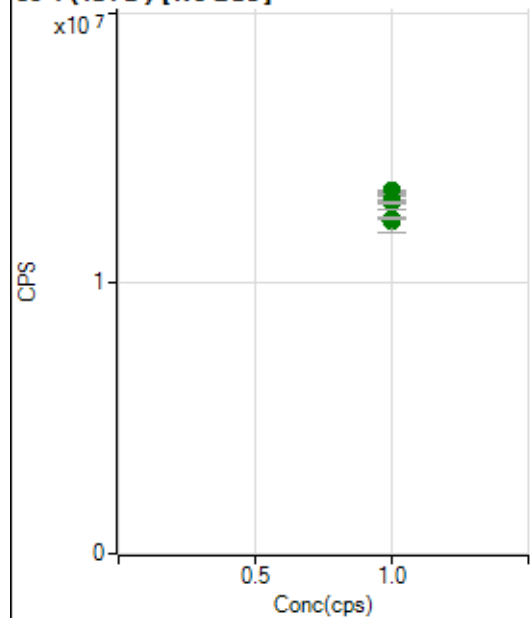
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2504613.22 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2563618.35 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2563878.83 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2536492.91 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2512973.82 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2463397.77 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2294177.43 |       | P        | 7.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2226067.22 |       | P        | 0.5 |

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

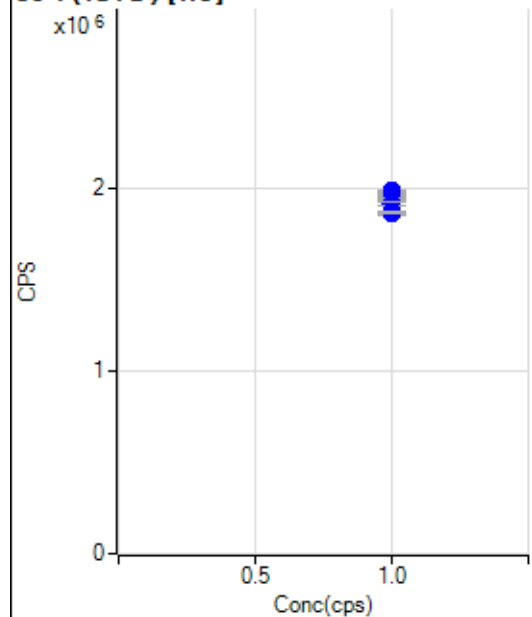
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8458383.87 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8496730.31 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8421104.44 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8424990.82 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8258921.54 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8152344.19 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7753861.55 |       | A        | 7.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7821605.30 |       | A        | 0.5 |

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

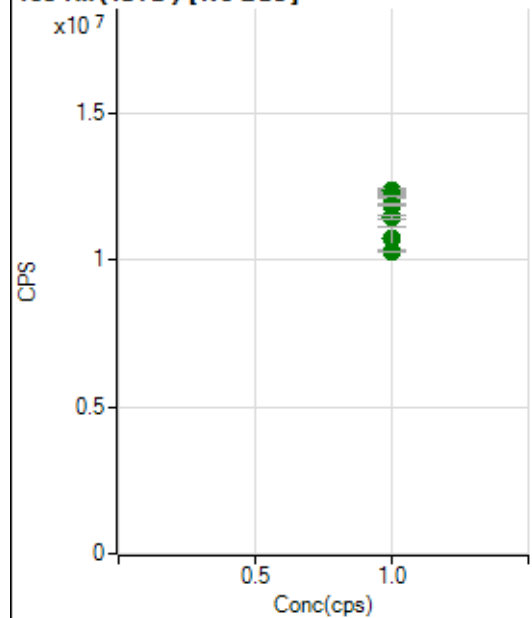
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 388358.84 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 386093.44 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 386703.86 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 380595.83 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 371461.76 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 363808.47 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 364350.15 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 376154.46 |       | P        | 0.2 |

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

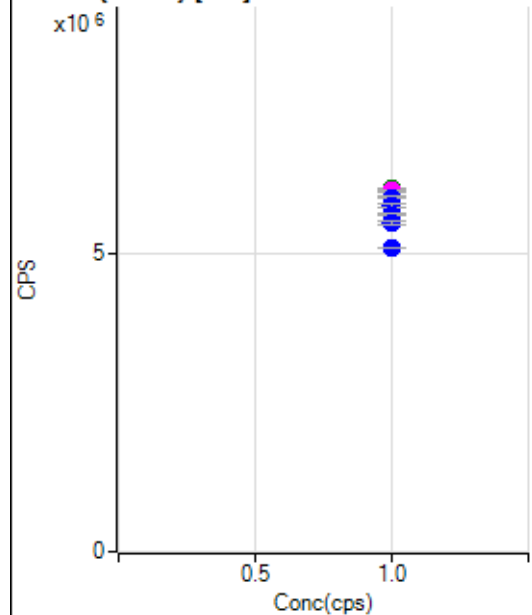
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13363128.97 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 13425733.14 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13341055.22 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13268558.00 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13116267.03 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13011836.20 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12290170.79 |       | A        | 6.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12404063.29 |       | A        | 0.5 |

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

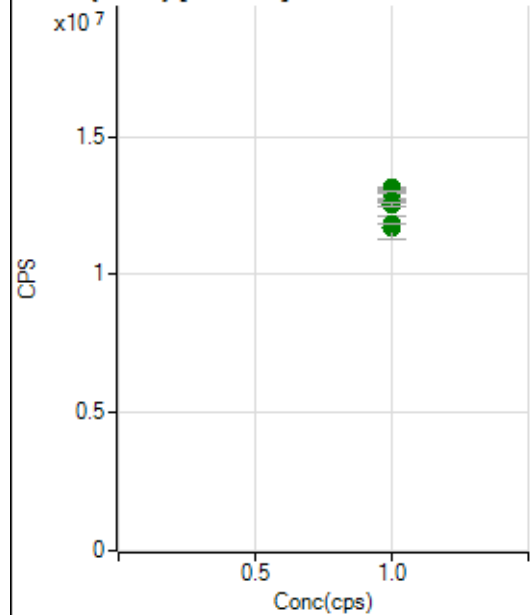
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1984474.07 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1957849.38 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1964186.08 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1940887.40 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1913041.67 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1871398.77 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1859671.97 |       | P        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1867941.52 |       | P        | 0.4 |

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

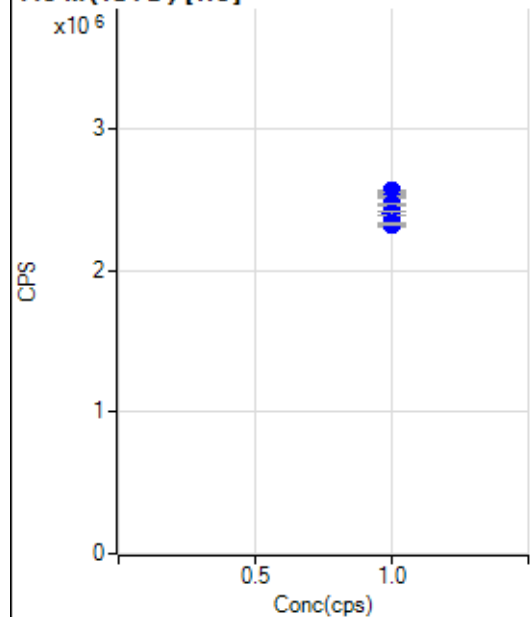
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12320252.88 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12364987.34 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12225993.42 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12163344.19 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11882472.23 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11497454.51 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10752514.74 |       | A        | 7.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10310146.41 |       | A        | 0.2 |

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

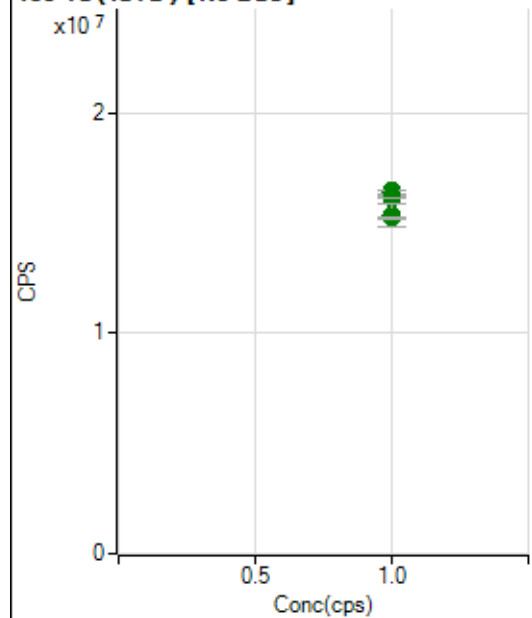
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6090317.20 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6064716.37 |       | M        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6047245.88 |       | M        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5951008.38 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5812422.07 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5652699.50 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5517331.17 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5107326.28 |       | P        | 0.3 |

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

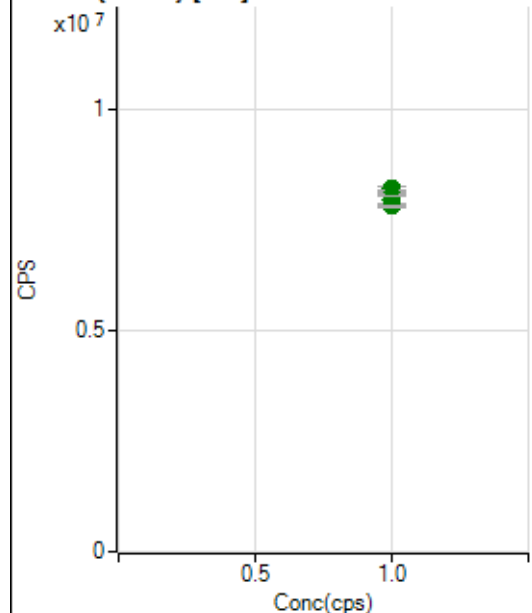
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13143153.64 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 13138136.18 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13104402.24 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13010434.31 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12704936.00 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12520830.24 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11697115.06 |       | A        | 6.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11839148.56 |       | A        | 0.4 |

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

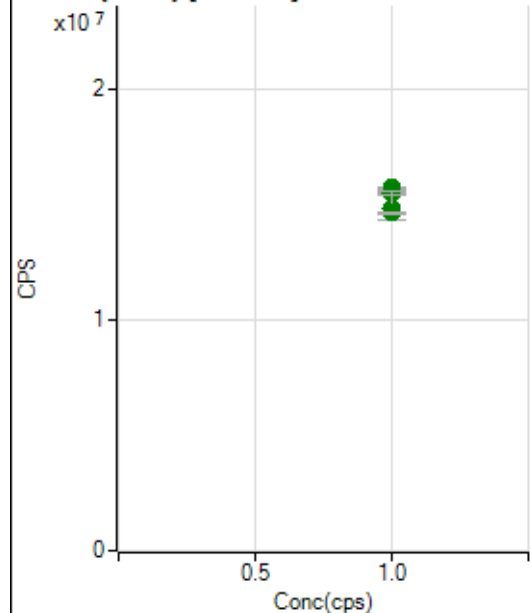
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2564281.01 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2541713.62 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2553613.60 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2515807.63 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2470904.08 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2407859.58 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2324658.88 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2332137.45 |       | P        | 0.6 |

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

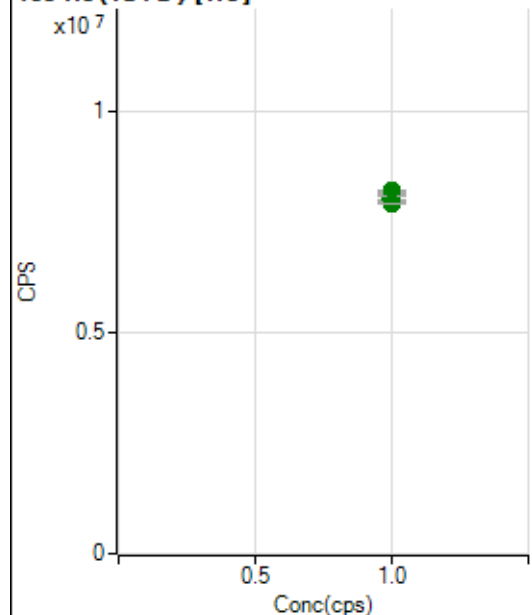
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16222146.84 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 16363514.34 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 16449756.28 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 16421806.98 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16188099.76 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 16111850.73 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15363911.85 |       | A        | 6.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 15254760.33 |       | A        | 0.6 |

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

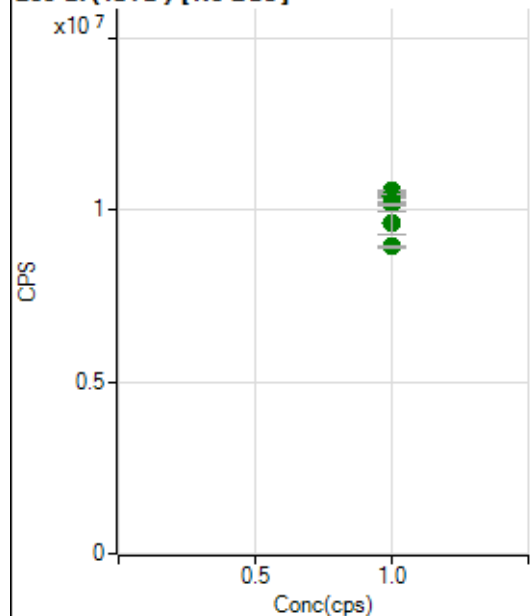
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8189377.45 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8191745.22 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8171412.66 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8165380.71 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8123191.48 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8051066.13 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7947618.49 |       | A        | 2.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7799927.73 |       | A        | 0.9 |

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

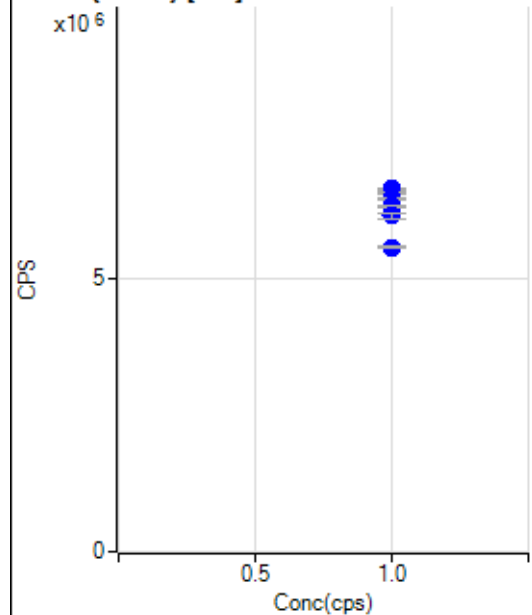
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15540695.66 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15654794.10 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15732855.56 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15641257.99 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15612655.04 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15498773.78 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14864286.36 |       | A        | 7.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14653315.95 |       | A        | 0.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8179302.66 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8161795.43 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8207818.84 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8165726.68 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8113728.28 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8032613.29 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8014993.98 |       | A        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7913519.05 |       | A        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10465574.15 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10490868.94 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10560365.54 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10416486.37 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10248758.46 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10163405.82 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9606924.44  |       | A        | 6.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8946363.55  |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6665047.26 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6615210.39 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6654195.39 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6598721.57 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6496428.51 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6350647.47 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6168000.26 |       | P        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5597727.28 |       | P        | 0.4 |

US EPA Tune Check Sample Report

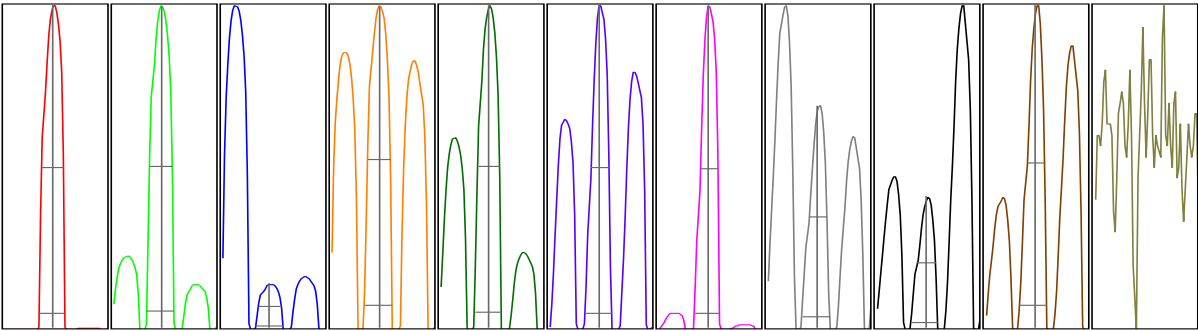
Batch Folder D:\ICP-MS Data\P7042417 .b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 106984          | 0.24             | 5.00               |                |
| 24   | 3304781         | 0.61             | 5.00               |                |
| 25   | 466487          | 0.48             | 5.00               |                |
| 26   | 545101          | 0.64             | 5.00               |                |
| 59   | 1066240         | 0.55             | 5.00               |                |
| 113  | 172523          | 0.46             | 5.00               |                |
| 115  | 2653745         | 0.38             | 5.00               |                |
| 206  | 371318          | 0.60             | 5.00               |                |
| 207  | 321813          | 0.29             | 5.00               |                |
| 208  | 783869          | 0.11             | 5.00               |                |
| 220  | 10              | 25.00            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 106628               | 107116               | 107033               | 107300               | 106846               |
| 24   | 3275268              | 3306486              | 3331761              | 3305304              | 3305085              |
| 25   | 462518               | 467262               | 467001               | 467786               | 467868               |
| 26   | 539320               | 544604               | 547853               | 547793               | 545938               |
| 59   | 1060482              | 1063763              | 1062023              | 1071377              | 1073554              |
| 113  | 171895               | 172385               | 172825               | 173723               | 171786               |
| 115  | 2655728              | 2659128              | 2656835              | 2660989              | 2636047              |
| 206  | 368192               | 370923               | 371639               | 374436               | 371401               |
| 207  | 320890               | 321077               | 322747               | 322844               | 321507               |
| 208  | 782658               | 784460               | 784800               | 783701               | 783726               |
| 220  | 8                    | 14                   | 10                   | 9                    | 11                   |

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    | 18180          | 8.95             | 8.9 - 9.1          |                | 0.740                | 0.900                  |                        |
| 24   | 536243         | 23.95            | 23.9 - 24.1        |                | 0.787                | 0.900                  |                        |
| 25   | 74728          | 24.90            | 24.9 - 25.1        |                | 0.787                | 0.900                  |                        |
| 26   | 87161          | 25.95            | 25.9 - 26.1        |                | 0.810                | 0.900                  |                        |
| 59   | 179915         | 58.95            | 58.9 - 59.1        |                | 0.782                | 0.900                  |                        |
| 113  | 32739          | 113.00           | 112.9 - 113.1      |                | 0.773                | 0.900                  |                        |
| 115  | 505320         | 115.00           | 114.9 - 115.1      |                | 0.728                | 0.900                  |                        |
| 206  | 70331          | 206.00           | 205.9 - 206.1      |                | 0.815                | 0.900                  |                        |
| 207  | 60721          | 207.00           | 206.9 - 207.1      |                | 0.773                | 0.900                  |                        |
| 208  | 149319         | 208.00           | 207.9 - 208.1      |                | 0.782                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName | Value | Unit |
|---------------|-------|------|----------------|-------|-------|---------------|-------|------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min |               |       |      |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     |               |       |      |
| Smpl Depth    | 9.0   | 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    | 8.3   | V    |               |       |      |
| Extract 2     | -190.0 | V    | Cell Entrance | -30   | V    |               |       |      |
| Omega Bias    | -85    | V    | Cell Exit     | -50   | V    |               |       |      |
| Deflect       | 12.2   | 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       | 170   | V    |               |       |      |
| Energy Discrimination | 5.0   | V      |               |       |      |               |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 289982          | 0.46             |                    |
| 89   | 209407          | 0.63             |                    |
| 205  | 352155          | 0.50             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 289948               | 292281               | 289334               | 289091               | 289256               |
| 89   | 210562               | 210681               | 209608               | 208546               | 207637               |
| 205  | 353919               | 353848               | 352265               | 350050               | 350694               |

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    | 9.0   | 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    | 9.4   | V    |               |       |      |
| Extract 2     | -200.0 | V    | Cell Entrance | -40   | V    |               |       |      |
| Omega Bias    | -95    | V    | Cell Exit     | -60   | V    |               |       |      |
| Deflect       | 2.2    | 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 :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.18    | 0.13    | -0.31   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.08    | 0.08    | -0.16   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.04   | 0.04    | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.09    | -0.25   | 0.17    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.01   | -0.02   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.73    | -0.41   | -0.31   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -1.40   | 1.23    | 0.16    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.05    | 0.03    | -0.08   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.18    | -0.13   | -0.06   | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | -0.01   | 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  | -0.15   | 0.11    | 0.04    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | 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    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 7.09    | 8.05    | 5.01    | 6.72       | 23.21   | ppb   |
| Potassium  | 39-2  | 1.83    | -0.86   | -0.97   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.34   | 0.12    | 0.22    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.21   | 0.09    | 0.12    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.18   | 0.04    | 0.14    | 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  | 0.38    | 0.04    | -0.42   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.02   | -0.01   | 0.03    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -218.71 | -45.92  | 49.63   | -71.67     |         | 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 | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | -0.03   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.00    | 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 :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.32   | 16.10   | 16.47   | 16.63      | 3.77    | ppb   |
| Antimony   | 121-1 | 1.82    | 1.75    | 1.79    | 1.79       | 1.71    | ppb   |
| Arsenic    | 75-2  | 0.94    | 0.90    | 0.95    | 0.93       | 3.01    | ppb   |
| Barium     | 135-1 | 8.57    | 8.47    | 8.34    | 8.46       | 1.36    | ppb   |
| Barium     | 137-1 | 8.50    | 8.35    | 8.45    | 8.43       | 0.91    | ppb   |
| Beryllium  | 9-1   | 0.86    | 0.80    | 0.88    | 0.85       | 4.99    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 19.92   | 20.25   | 20.58   | 20.25      | 1.64    | ppb   |
| Boron      | 11-1  | 20.43   | 19.89   | 20.04   | 20.12      | 1.40    | ppb   |
| Cadmium    | 111-1 | 0.86    | 0.77    | 0.94    | 0.85       | 9.79    | ppb   |
| Cadmium    | 106-1 | 0.56    | -0.58   | 1.22    | 0.40       | 228.40  | ppb   |
| Cadmium    | 108-1 | 0.84    | 0.99    | 0.78    | 0.87       | 12.76   | ppb   |
| Calcium    | 43-1  | 413.48  | 421.44  | 427.70  | 420.87     | 1.69    | ppb   |
| Calcium    | 44-1  | 416.76  | 414.83  | 418.66  | 416.75     | 0.46    | ppb   |
| Chromium   | 52-2  | 1.85    | 1.89    | 1.83    | 1.86       | 1.74    | ppb   |
| Cobalt     | 59-2  | 0.90    | 0.92    | 0.93    | 0.91       | 1.63    | ppb   |
| Copper     | 63-2  | 2.06    | 2.09    | 2.03    | 2.06       | 1.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 44.26   | 44.28   | 43.62   | 44.05      | 0.84    | ppb   |
| Iron       | 57-2  | 41.19   | 45.45   | 44.20   | 43.61      | 5.03    | ppb   |
| Lead       | 206-1 | 1.04    | 1.01    | 1.00    | 1.02       | 1.76    | ppb   |
| Lead       | 207-1 | 1.07    | 1.04    | 1.00    | 1.04       | 3.28    | ppb   |
| Lead       | 208-1 | 1.07    | 1.05    | 1.00    | 1.04       | 3.31    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 442.36  | 438.87  | 435.69  | 438.97     | 0.76    | ppb   |
| Manganese  | 55-2  | 0.94    | 0.91    | 0.88    | 0.91       | 3.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.73    | 1.72    | 1.66    | 1.70       | 2.25    | ppb   |
| Molybdenum | 95-1  | 4.00    | 3.87    | 3.93    | 3.94       | 1.59    | ppb   |
| Molybdenum | 96-1  | 3.48    | 3.35    | 3.29    | 3.37       | 3.01    | ppb   |
| Molybdenum | 97-1  | 4.03    | 3.98    | 3.74    | 3.92       | 4.00    | ppb   |
| Molybdenum | 98-1  | 4.02    | 3.81    | 3.89    | 3.91       | 2.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.92    | 0.95    | 0.92    | 0.93       | 2.10    | ppb   |
| Phosphorus | 31-2  | -18.65  | 1.09    | -2.58   | -6.72      |         | ppb   |
| Potassium  | 39-2  | 423.54  | 423.13  | 426.53  | 424.40     | 0.44    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 2.78    | 2.22    | 4.46    | 3.15       | 37.08   | ppb   |
| Selenium   | 78-2  | 4.87    | 4.39    | 3.89    | 4.38       | 11.16   | ppb   |
| Selenium   | 82-1  | 3.61    | 3.89    | 5.15    | 4.22       | 19.39   | ppb   |
| Silicon    | 28-1  | 8.89    | 8.22    | 8.49    | 8.53       | 3.96    | ppb   |
| Silver     | 109-1 | 1.11    | 1.12    | 1.20    | 1.14       | 4.37    | ppb   |
| Silver     | 107-1 | 1.14    | 1.18    | 1.16    | 1.16       | 1.57    | ppb   |
| Sodium     | 23-2  | 442.13  | 437.20  | 443.47  | 440.94     | 0.75    | ppb   |
| Strontium  | 86-1  | 0.73    | 0.66    | 0.58    | 0.65       | 11.10   | ppb   |
| Strontium  | 88-1  | 0.74    | 0.73    | 0.72    | 0.73       | 1.46    | ppb   |
| Sulfur     | 34-1  | 172.71  | 50.89   | -8.59   | 71.67      | 128.96  | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.83    | 0.79    | 0.85    | 0.82       | 3.63    | ppb   |
| Thallium   | 205-1 | 0.85    | 0.84    | 0.84    | 0.84       | 0.78    | ppb   |
| Tin        | 118-1 | 4.13    | 4.10    | 4.17    | 4.13       | 0.74    | ppb   |
| Titanium   | 47-1  | 4.11    | 4.00    | 3.99    | 4.03       | 1.68    | ppb   |
| Uranium    | 238-1 | 0.81    | 0.81    | 0.82    | 0.81       | 0.74    | ppb   |
| Vanadium   | 51-2  | 4.38    | 4.43    | 4.29    | 4.37       | 1.57    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 1.98    | 1.77    | 1.74    | 1.83       | 7.21    | ppb   |
| Zirconium  | 90-1  | 0.76    | 0.74    | 0.74    | 0.75       | 1.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.74    | 0.75    | 0.68    | 0.72       | 5.52    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:14:22 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 970.51  | 971.01  | 968.73  | 970.08     | 0.12    | ppb   |
| Antimony   | 121-1 | 42.22   | 41.01   | 39.03   | 40.75      | 3.95    | ppb   |
| Arsenic    | 75-2  | 49.91   | 48.81   | 49.93   | 49.55      | 1.29    | ppb   |
| Barium     | 135-1 | 244.01  | 239.84  | 238.99  | 240.95     | 1.12    | ppb   |
| Barium     | 137-1 | 244.64  | 241.12  | 240.74  | 242.17     | 0.89    | ppb   |
| Beryllium  | 9-1   | 49.83   | 49.29   | 49.76   | 49.63      | 0.60    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 47.28   | 46.64   | 49.89   | 47.94      | 3.59    | ppb   |
| Boron      | 11-1  | 47.67   | 46.97   | 47.48   | 47.37      | 0.77    | ppb   |
| Cadmium    | 111-1 | 50.72   | 50.67   | 49.69   | 50.36      | 1.15    | ppb   |
| Cadmium    | 106-1 | 49.24   | 49.33   | 50.77   | 49.78      | 1.73    | ppb   |
| Cadmium    | 108-1 | 50.49   | 48.81   | 50.37   | 49.89      | 1.87    | ppb   |
| Calcium    | 43-1  | 4869.67 | 4863.88 | 4859.00 | 4864.18    | 0.11    | ppb   |
| Calcium    | 44-1  | 4867.92 | 4933.44 | 4938.71 | 4913.36    | 0.80    | ppb   |
| Chromium   | 52-2  | 50.57   | 50.58   | 50.58   | 50.58      | 0.01    | ppb   |
| Cobalt     | 59-2  | 51.41   | 51.39   | 51.57   | 51.46      | 0.19    | ppb   |
| Copper     | 63-2  | 103.25  | 103.43  | 103.00  | 103.23     | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2571.56 | 2547.36 | 2552.62 | 2557.18    | 0.50    | ppb   |
| Iron       | 57-2  | 2531.78 | 2537.57 | 2524.31 | 2531.22    | 0.26    | ppb   |
| Lead       | 206-1 | 47.13   | 46.88   | 46.33   | 46.78      | 0.87    | ppb   |
| Lead       | 207-1 | 47.39   | 46.96   | 46.50   | 46.95      | 0.95    | ppb   |
| Lead       | 208-1 | 47.68   | 47.28   | 47.10   | 47.35      | 0.63    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 5087.79 | 5054.42 | 5050.42 | 5064.21    | 0.41    | ppb   |
| Manganese  | 55-2  | 101.38  | 100.45  | 100.40  | 100.74     | 0.55    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:14:22 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 46.72   | 46.53   | 45.94   | 46.39      | 0.88    | ppb   |
| Molybdenum | 95-1  | 46.58   | 46.21   | 45.53   | 46.11      | 1.16    | ppb   |
| Molybdenum | 96-1  | 46.33   | 46.09   | 45.93   | 46.11      | 0.44    | ppb   |
| Molybdenum | 97-1  | 47.30   | 46.81   | 46.18   | 46.76      | 1.20    | ppb   |
| Molybdenum | 98-1  | 46.29   | 46.15   | 45.93   | 46.12      | 0.39    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.09   | 51.79   | 52.34   | 52.07      | 0.53    | ppb   |
| Phosphorus | 31-2  | 1032.58 | 1041.26 | 1089.11 | 1054.31    | 2.89    | ppb   |
| Potassium  | 39-2  | 2443.59 | 2441.67 | 2429.71 | 2438.32    | 0.31    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 55.72   | 52.14   | 54.80   | 54.22      | 3.44    | ppb   |
| Selenium   | 78-2  | 54.01   | 51.48   | 50.38   | 51.96      | 3.57    | ppb   |
| Selenium   | 82-1  | 48.78   | 49.13   | 49.79   | 49.23      | 1.05    | ppb   |
| Silicon    | 28-1  | 63.16   | 65.29   | 66.16   | 64.87      | 2.38    | ppb   |
| Silver     | 109-1 | 49.86   | 50.10   | 49.79   | 49.92      | 0.33    | ppb   |
| Silver     | 107-1 | 50.19   | 49.78   | 49.69   | 49.89      | 0.54    | ppb   |
| Sodium     | 23-2  | 5067.88 | 5032.36 | 5044.29 | 5048.18    | 0.36    | ppb   |
| Strontium  | 86-1  | 48.36   | 48.01   | 47.96   | 48.11      | 0.46    | ppb   |
| Strontium  | 88-1  | 48.67   | 48.47   | 48.71   | 48.62      | 0.26    | ppb   |
| Sulfur     | 34-1  | 1110.96 | 1211.23 | 1360.79 | 1227.66    | 10.24   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 47.55   | 46.99   | 46.74   | 47.09      | 0.88    | ppb   |
| Thallium   | 205-1 | 48.12   | 48.00   | 47.30   | 47.81      | 0.93    | ppb   |
| Tin        | 118-1 | 48.26   | 48.06   | 47.69   | 48.00      | 0.59    | ppb   |
| Titanium   | 47-1  | 48.97   | 49.10   | 49.10   | 49.06      | 0.15    | ppb   |
| Uranium    | 238-1 | 47.07   | 46.43   | 46.16   | 46.56      | 1.00    | ppb   |
| Vanadium   | 51-2  | 49.89   | 49.87   | 49.29   | 49.68      | 0.68    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 103.83  | 104.80  | 105.76  | 104.79     | 0.92    | ppb   |
| Zirconium  | 90-1  | 48.31   | 47.53   | 47.62   | 47.82      | 0.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:14:22 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.00   | 47.32   | 47.21   | 47.51      | 0.90    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:18:28 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2436.29  | 2441.46  | 2460.34  | 2446.03    | 0.52    | ppb   |
| Antimony   | 121-1 | 115.71   | 110.97   | 110.02   | 112.23     | 2.71    | ppb   |
| Arsenic    | 75-2  | 126.21   | 125.03   | 125.01   | 125.41     | 0.55    | ppb   |
| Barium     | 135-1 | 613.35   | 604.67   | 605.73   | 607.92     | 0.78    | ppb   |
| Barium     | 137-1 | 613.06   | 607.24   | 610.25   | 610.18     | 0.48    | ppb   |
| Beryllium  | 9-1   | 124.75   | 124.35   | 123.30   | 124.14     | 0.60    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 119.84   | 120.52   | 121.18   | 120.51     | 0.56    | ppb   |
| Boron      | 11-1  | 120.55   | 121.86   | 122.08   | 121.50     | 0.68    | ppb   |
| Cadmium    | 111-1 | 127.31   | 125.25   | 126.00   | 126.19     | 0.83    | ppb   |
| Cadmium    | 106-1 | 127.76   | 123.16   | 128.23   | 126.38     | 2.21    | ppb   |
| Cadmium    | 108-1 | 126.85   | 124.15   | 124.94   | 125.31     | 1.11    | ppb   |
| Calcium    | 43-1  | 12217.98 | 12238.99 | 12351.28 | 12269.42   | 0.58    | ppb   |
| Calcium    | 44-1  | 12198.91 | 12262.12 | 12190.37 | 12217.13   | 0.32    | ppb   |
| Chromium   | 52-2  | 126.90   | 126.85   | 128.23   | 127.33     | 0.62    | ppb   |
| Cobalt     | 59-2  | 129.56   | 129.87   | 129.43   | 129.62     | 0.18    | ppb   |
| Copper     | 63-2  | 259.45   | 261.17   | 260.66   | 260.42     | 0.34    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 6416.62  | 6439.62  | 6404.30  | 6420.18    | 0.28    | ppb   |
| Iron       | 57-2  | 6357.12  | 6389.11  | 6396.83  | 6381.02    | 0.33    | ppb   |
| Lead       | 206-1 | 119.95   | 119.23   | 117.95   | 119.04     | 0.85    | ppb   |
| Lead       | 207-1 | 118.68   | 119.44   | 119.24   | 119.12     | 0.33    | ppb   |
| Lead       | 208-1 | 120.61   | 120.66   | 120.08   | 120.45     | 0.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 12765.57 | 12790.29 | 12827.45 | 12794.44   | 0.24    | ppb   |
| Manganese  | 55-2  | 253.89   | 255.31   | 254.11   | 254.44     | 0.30    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:18:28 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 118.53   | 118.59   | 118.63   | 118.59     | 0.04    | ppb   |
| Molybdenum | 95-1  | 118.02   | 118.82   | 118.41   | 118.42     | 0.34    | ppb   |
| Molybdenum | 96-1  | 118.22   | 118.06   | 117.91   | 118.06     | 0.13    | ppb   |
| Molybdenum | 97-1  | 120.94   | 120.18   | 120.29   | 120.47     | 0.34    | ppb   |
| Molybdenum | 98-1  | 118.38   | 118.24   | 117.82   | 118.15     | 0.25    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.48   | 130.30   | 130.89   | 130.56     | 0.23    | ppb   |
| Phosphorus | 31-2  | 2538.23  | 2490.58  | 2566.66  | 2531.82    | 1.52    | ppb   |
| Potassium  | 39-2  | 6121.59  | 6169.44  | 6128.66  | 6139.90    | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 125.64   | 120.66   | 123.58   | 123.29     | 2.03    | ppb   |
| Selenium   | 78-2  | 126.39   | 129.05   | 128.10   | 127.85     | 1.05    | ppb   |
| Selenium   | 82-1  | 123.95   | 124.24   | 122.78   | 123.66     | 0.63    | ppb   |
| Silicon    | 28-1  | 163.82   | 166.68   | 168.90   | 166.47     | 1.53    | ppb   |
| Silver     | 109-1 | 125.52   | 124.91   | 124.76   | 125.06     | 0.32    | ppb   |
| Silver     | 107-1 | 125.14   | 124.84   | 124.87   | 124.95     | 0.13    | ppb   |
| Sodium     | 23-2  | 12675.13 | 12676.91 | 12637.23 | 12663.09   | 0.18    | ppb   |
| Strontium  | 86-1  | 120.54   | 119.37   | 121.96   | 120.63     | 1.08    | ppb   |
| Strontium  | 88-1  | 120.68   | 120.53   | 122.11   | 121.11     | 0.72    | ppb   |
| Sulfur     | 34-1  | 2648.65  | 2518.02  | 2566.44  | 2577.70    | 2.56    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 120.38   | 119.92   | 119.34   | 119.88     | 0.44    | ppb   |
| Thallium   | 205-1 | 121.59   | 122.16   | 120.85   | 121.53     | 0.54    | ppb   |
| Tin        | 118-1 | 122.31   | 120.13   | 120.52   | 120.98     | 0.96    | ppb   |
| Titanium   | 47-1  | 123.46   | 122.47   | 123.25   | 123.06     | 0.42    | ppb   |
| Uranium    | 238-1 | 121.40   | 120.84   | 120.47   | 120.90     | 0.39    | ppb   |
| Vanadium   | 51-2  | 125.45   | 126.21   | 126.14   | 125.93     | 0.34    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 259.73   | 264.44   | 258.83   | 261.00     | 1.15    | ppb   |
| Zirconium  | 90-1  | 120.84   | 120.75   | 122.67   | 121.42     | 0.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:18:28 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 119.39  | 119.72  | 120.19  | 119.77     | 0.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:22:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4820.96  | 4870.31  | 4882.85  | 4858.04    | 0.67    | ppb   |
| Antimony   | 121-1 | 235.48   | 233.64   | 230.74   | 233.29     | 1.02    | ppb   |
| Arsenic    | 75-2  | 252.47   | 247.80   | 252.14   | 250.80     | 1.04    | ppb   |
| Barium     | 135-1 | 1213.48  | 1221.29  | 1219.05  | 1217.94    | 0.33    | ppb   |
| Barium     | 137-1 | 1212.39  | 1214.68  | 1213.32  | 1213.46    | 0.10    | ppb   |
| Beryllium  | 9-1   | 243.46   | 244.56   | 247.58   | 245.20     | 0.87    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 234.32   | 237.46   | 245.67   | 239.15     | 2.45    | ppb   |
| Boron      | 11-1  | 233.81   | 237.32   | 242.08   | 237.74     | 1.74    | ppb   |
| Cadmium    | 111-1 | 249.91   | 252.57   | 251.05   | 251.18     | 0.53    | ppb   |
| Cadmium    | 106-1 | 242.95   | 254.29   | 246.68   | 247.97     | 2.33    | ppb   |
| Cadmium    | 108-1 | 249.83   | 247.83   | 247.18   | 248.28     | 0.56    | ppb   |
| Calcium    | 43-1  | 24525.93 | 24232.36 | 24645.88 | 24468.06   | 0.87    | ppb   |
| Calcium    | 44-1  | 24183.53 | 24289.12 | 24575.36 | 24349.34   | 0.83    | ppb   |
| Chromium   | 52-2  | 252.83   | 252.70   | 255.41   | 253.65     | 0.60    | ppb   |
| Cobalt     | 59-2  | 255.34   | 256.56   | 257.81   | 256.57     | 0.48    | ppb   |
| Copper     | 63-2  | 512.55   | 512.13   | 513.24   | 512.64     | 0.11    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 12740.90 | 12656.30 | 12917.52 | 12771.58   | 1.04    | ppb   |
| Iron       | 57-2  | 12712.53 | 12644.46 | 12815.51 | 12724.17   | 0.68    | ppb   |
| Lead       | 206-1 | 239.78   | 240.41   | 239.75   | 239.98     | 0.16    | ppb   |
| Lead       | 207-1 | 240.91   | 241.54   | 237.71   | 240.05     | 0.85    | ppb   |
| Lead       | 208-1 | 243.78   | 244.24   | 243.01   | 243.67     | 0.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 25228.86 | 25150.82 | 25248.02 | 25209.24   | 0.20    | ppb   |
| Manganese  | 55-2  | 505.96   | 506.20   | 511.44   | 507.87     | 0.61    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:22:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 234.85   | 238.46   | 239.24   | 237.52     | 0.98    | ppb   |
| Molybdenum | 95-1  | 238.17   | 238.63   | 238.78   | 238.53     | 0.13    | ppb   |
| Molybdenum | 96-1  | 236.41   | 235.80   | 236.19   | 236.13     | 0.13    | ppb   |
| Molybdenum | 97-1  | 238.70   | 240.95   | 237.74   | 239.13     | 0.69    | ppb   |
| Molybdenum | 98-1  | 238.40   | 237.73   | 233.37   | 236.50     | 1.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 256.47   | 258.08   | 259.76   | 258.10     | 0.64    | ppb   |
| Phosphorus | 31-2  | 5162.37  | 5101.83  | 5254.69  | 5172.97    | 1.49    | ppb   |
| Potassium  | 39-2  | 12237.07 | 12280.45 | 12294.31 | 12270.61   | 0.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 263.05   | 248.09   | 262.02   | 257.72     | 3.24    | ppb   |
| Selenium   | 78-2  | 255.87   | 258.81   | 255.52   | 256.74     | 0.70    | ppb   |
| Selenium   | 82-1  | 247.42   | 249.02   | 245.13   | 247.19     | 0.79    | ppb   |
| Silicon    | 28-1  | 343.32   | 342.22   | 349.42   | 344.98     | 1.12    | ppb   |
| Silver     | 109-1 | 247.95   | 250.32   | 250.58   | 249.61     | 0.58    | ppb   |
| Silver     | 107-1 | 249.76   | 249.70   | 248.76   | 249.41     | 0.22    | ppb   |
| Sodium     | 23-2  | 24991.90 | 24933.21 | 25041.37 | 24988.83   | 0.22    | ppb   |
| Strontium  | 86-1  | 241.14   | 241.69   | 240.93   | 241.25     | 0.16    | ppb   |
| Strontium  | 88-1  | 244.29   | 242.61   | 240.05   | 242.32     | 0.88    | ppb   |
| Sulfur     | 34-1  | 5218.81  | 5026.42  | 5048.35  | 5097.86    | 2.07    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 241.71   | 241.90   | 243.73   | 242.44     | 0.46    | ppb   |
| Thallium   | 205-1 | 242.59   | 241.53   | 244.20   | 242.77     | 0.55    | ppb   |
| Tin        | 118-1 | 242.72   | 242.16   | 239.67   | 241.51     | 0.67    | ppb   |
| Titanium   | 47-1  | 246.24   | 242.68   | 244.76   | 244.56     | 0.73    | ppb   |
| Uranium    | 238-1 | 239.34   | 239.85   | 236.34   | 238.51     | 0.79    | ppb   |
| Vanadium   | 51-2  | 249.31   | 250.75   | 252.12   | 250.72     | 0.56    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 515.91   | 519.58   | 522.40   | 519.29     | 0.63    | ppb   |
| Zirconium  | 90-1  | 239.97   | 241.38   | 241.43   | 240.93     | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:22:10 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 237.88  | 239.28  | 239.17  | 238.78     | 0.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9614.61  | 9641.95  | 9548.58  | 9601.72    | 0.50    | ppb   |
| Antimony   | 121-1 | 484.21   | 478.30   | 476.01   | 479.51     | 0.88    | ppb   |
| Arsenic    | 75-2  | 498.61   | 500.74   | 497.39   | 498.91     | 0.34    | ppb   |
| Barium     | 135-1 | 2420.55  | 2429.02  | 2429.45  | 2426.34    | 0.21    | ppb   |
| Barium     | 137-1 | 2410.59  | 2422.51  | 2416.38  | 2416.49    | 0.25    | ppb   |
| Beryllium  | 9-1   | 482.06   | 482.47   | 486.82   | 483.78     | 0.55    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 470.95   | 478.43   | 490.18   | 479.85     | 2.02    | ppb   |
| Boron      | 11-1  | 474.14   | 477.17   | 485.22   | 478.84     | 1.20    | ppb   |
| Cadmium    | 111-1 | 491.32   | 493.64   | 490.21   | 491.72     | 0.36    | ppb   |
| Cadmium    | 106-1 | 490.49   | 494.72   | 492.04   | 492.42     | 0.43    | ppb   |
| Cadmium    | 108-1 | 485.08   | 491.75   | 492.51   | 489.78     | 0.83    | ppb   |
| Calcium    | 43-1  | 48253.58 | 49182.46 | 48607.20 | 48681.08   | 0.96    | ppb   |
| Calcium    | 44-1  | 48599.85 | 48333.41 | 48656.65 | 48529.97   | 0.36    | ppb   |
| Chromium   | 52-2  | 506.62   | 502.88   | 500.69   | 503.40     | 0.60    | ppb   |
| Cobalt     | 59-2  | 514.48   | 509.00   | 505.21   | 509.56     | 0.91    | ppb   |
| Copper     | 63-2  | 1033.49  | 1028.98  | 1021.56  | 1028.01    | 0.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 25770.46 | 25375.76 | 25238.51 | 25461.57   | 1.08    | ppb   |
| Iron       | 57-2  | 25505.37 | 25306.50 | 25152.49 | 25321.45   | 0.70    | ppb   |
| Lead       | 206-1 | 474.27   | 480.83   | 479.15   | 478.08     | 0.71    | ppb   |
| Lead       | 207-1 | 475.02   | 478.78   | 477.56   | 477.12     | 0.40    | ppb   |
| Lead       | 208-1 | 476.28   | 481.90   | 480.64   | 479.60     | 0.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 50429.69 | 49690.97 | 49203.10 | 49774.59   | 1.24    | ppb   |
| Manganese  | 55-2  | 1016.60  | 1009.87  | 1003.26  | 1009.91    | 0.66    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 479.84   | 469.00   | 483.67   | 477.50     | 1.59    | ppb   |
| Molybdenum | 95-1  | 478.66   | 472.27   | 480.58   | 477.17     | 0.91    | ppb   |
| Molybdenum | 96-1  | 473.59   | 473.41   | 472.56   | 473.19     | 0.12    | ppb   |
| Molybdenum | 97-1  | 479.91   | 475.99   | 479.38   | 478.42     | 0.44    | ppb   |
| Molybdenum | 98-1  | 481.02   | 473.67   | 478.65   | 477.78     | 0.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 514.61   | 514.55   | 509.39   | 512.85     | 0.58    | ppb   |
| Phosphorus | 31-2  | 10142.25 | 9995.82  | 9933.71  | 10023.93   | 1.07    | ppb   |
| Potassium  | 39-2  | 24196.82 | 24136.80 | 23912.75 | 24082.12   | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 491.95   | 527.20   | 501.78   | 506.98     | 3.59    | ppb   |
| Selenium   | 78-2  | 508.04   | 506.27   | 502.34   | 505.55     | 0.58    | ppb   |
| Selenium   | 82-1  | 488.30   | 484.45   | 489.66   | 487.47     | 0.55    | ppb   |
| Silicon    | 28-1  | 532.79   | 545.96   | 541.82   | 540.19     | 1.25    | ppb   |
| Silver     | 109-1 | 492.04   | 490.72   | 489.26   | 490.67     | 0.28    | ppb   |
| Silver     | 107-1 | 484.39   | 490.12   | 489.54   | 488.02     | 0.65    | ppb   |
| Sodium     | 23-2  | 50269.55 | 49649.52 | 49420.96 | 49780.01   | 0.88    | ppb   |
| Strontium  | 86-1  | 480.02   | 475.37   | 482.66   | 479.35     | 0.77    | ppb   |
| Strontium  | 88-1  | 483.76   | 476.93   | 484.66   | 481.78     | 0.88    | ppb   |
| Sulfur     | 34-1  | 9611.08  | 9685.26  | 9490.58  | 9595.64    | 1.02    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 475.87   | 488.46   | 481.48   | 481.94     | 1.31    | ppb   |
| Thallium   | 205-1 | 480.25   | 487.56   | 482.59   | 483.47     | 0.77    | ppb   |
| Tin        | 118-1 | 489.85   | 486.07   | 486.89   | 487.60     | 0.41    | ppb   |
| Titanium   | 47-1  | 483.94   | 487.61   | 484.28   | 485.28     | 0.42    | ppb   |
| Uranium    | 238-1 | 480.24   | 481.76   | 478.03   | 480.01     | 0.39    | ppb   |
| Vanadium   | 51-2  | 502.35   | 500.88   | 497.18   | 500.14     | 0.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 1035.38  | 1023.18  | 1020.95  | 1026.51    | 0.76    | ppb   |
| Zirconium  | 90-1  | 485.17   | 477.02   | 483.07   | 481.75     | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 479.51  | 471.14  | 482.82  | 477.82     | 1.26    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 18788.07 | 19159.56 | 18819.82  | 18922.48   | 1.09    | ppb   |
| Antimony   | 121-1 | 972.75   | 970.01   | 1106.69   | 1016.48    | 7.69    | ppb   |
| Arsenic    | 75-2  | 990.66   | 1017.13  | 993.15    | 1000.31    | 1.46    | ppb   |
| Barium     | 135-1 | 4821.03  | 4831.30  | 5489.97   | 5047.43    | 7.59    | ppb   |
| Barium     | 137-1 | 4869.89  | 4836.86  | 5452.66   | 5053.14    | 6.85    | ppb   |
| Beryllium  | 9-1   | 963.52   | 964.85   | 1099.93   | 1009.44    | 7.76    | ppb   |
| Bismuth    | 209-1 |          |          |           | 92         |         | %     |
| Bismuth    | 209-2 |          |          |           | 93         |         | %     |
| Boron      | 10-1  | 958.89   | 972.87   | 1108.94   | 1013.57    | 8.18    | ppb   |
| Boron      | 11-1  | 964.91   | 973.16   | 1104.93   | 1014.34    | 7.75    | ppb   |
| Cadmium    | 111-1 | 961.55   | 963.63   | 1085.85   | 1003.68    | 7.09    | ppb   |
| Cadmium    | 106-1 | 962.92   | 967.51   | 1081.98   | 1004.14    | 6.72    | ppb   |
| Cadmium    | 108-1 | 963.17   | 957.37   | 1095.97   | 1005.50    | 7.80    | ppb   |
| Calcium    | 43-1  | 97166.84 | 96856.21 | 110555.24 | 101526.09  | 7.70    | ppb   |
| Calcium    | 44-1  | 96296.96 | 95892.40 | 111046.24 | 101078.53  | 8.54    | ppb   |
| Chromium   | 52-2  | 990.51   | 1003.65  | 997.05    | 997.07     | 0.66    | ppb   |
| Cobalt     | 59-2  | 993.77   | 992.40   | 992.61    | 992.93     | 0.07    | ppb   |
| Copper     | 63-2  | 1975.24  | 1992.76  | 1976.11   | 1981.37    | 0.50    | ppb   |
| Dysprosium | 156-1 |          |          |           |            |         | cps   |
| Dysprosium | 156-2 |          |          |           |            |         | cps   |
| Erbium     | 164-1 |          |          |           |            |         | cps   |
| Erbium     | 164-2 |          |          |           |            |         | cps   |
| Gadolinium | 160-1 |          |          |           |            |         | cps   |
| Gadolinium | 160-2 |          |          |           |            |         | cps   |
| Holmium    | 165-1 |          |          |           | 96         |         | %     |
| Holmium    | 165-2 |          |          |           | 98         |         | %     |
| Indium     | 115-1 |          |          |           | 89         |         | %     |
| Indium     | 115-2 |          |          |           | 91         |         | %     |
| Iron       | 56-2  | 49993.20 | 50688.28 | 50039.77  | 50240.42   | 0.77    | ppb   |
| Iron       | 57-2  | 49883.61 | 50774.05 | 50368.31  | 50341.99   | 0.89    | ppb   |
| Lead       | 206-1 | 974.98   | 968.75   | 1099.38   | 1014.37    | 7.26    | ppb   |
| Lead       | 207-1 | 982.35   | 973.39   | 1088.71   | 1014.81    | 6.32    | ppb   |
| Lead       | 208-1 | 970.47   | 970.31   | 1096.66   | 1012.48    | 7.20    | ppb   |
| Lithium    | 6-1   |          |          |           | 92         |         | %     |
| Magnesium  | 24-2  | 97114.30 | 98957.60 | 96895.68  | 97655.86   | 1.16    | ppb   |
| Manganese  | 55-2  | 1969.79  | 2016.00  | 1991.68   | 1992.49    | 1.16    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 964.80   | 976.10   | 1105.21  | 1015.37    | 7.68    | ppb   |
| Molybdenum | 95-1  | 974.77   | 975.54   | 1095.61  | 1015.31    | 6.85    | ppb   |
| Molybdenum | 96-1  | 972.60   | 979.08   | 1102.15  | 1017.94    | 7.17    | ppb   |
| Molybdenum | 97-1  | 968.20   | 969.66   | 1104.86  | 1014.24    | 7.74    | ppb   |
| Molybdenum | 98-1  | 972.04   | 967.60   | 1106.98  | 1015.54    | 7.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 984.92   | 995.86   | 991.47   | 990.75     | 0.56    | ppb   |
| Phosphorus | 31-2  | 19817.54 | 20281.53 | 19715.23 | 19938.10   | 1.51    | ppb   |
| Potassium  | 39-2  | 47467.70 | 48260.03 | 47275.29 | 47667.68   | 1.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 990.76   | 1019.46  | 973.56   | 994.59     | 2.33    | ppb   |
| Selenium   | 78-2  | 979.71   | 1017.57  | 987.99   | 995.09     | 2.00    | ppb   |
| Selenium   | 82-1  | 967.56   | 961.63   | 1092.34  | 1007.18    | 7.33    | ppb   |
| Silicon    | 28-1  | 905.55   | 900.53   | 1044.66  | 950.25     | 8.61    | ppb   |
| Silver     | 109-1 | 960.36   | 967.60   | 1086.30  | 1004.76    | 7.04    | ppb   |
| Silver     | 107-1 | 970.63   | 953.34   | 1094.49  | 1006.15    | 7.65    | ppb   |
| Sodium     | 23-2  | 97268.21 | 99188.42 | 97308.82 | 97921.82   | 1.12    | ppb   |
| Strontium  | 86-1  | 964.28   | 969.12   | 1106.06  | 1013.15    | 7.95    | ppb   |
| Strontium  | 88-1  | 966.45   | 977.34   | 1090.96  | 1011.58    | 6.82    | ppb   |
| Sulfur     | 34-1  | 18872.72 | 18846.90 | 22750.24 | 20156.62   | 11.14   | ppb   |
| Terbium    | 159-1 |          |          |          | 95         |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 974.20   | 954.13   | 1106.78  | 1011.71    | 8.20    | ppb   |
| Thallium   | 205-1 | 977.16   | 957.83   | 1096.86  | 1010.62    | 7.45    | ppb   |
| Tin        | 118-1 | 960.13   | 964.90   | 1101.75  | 1008.93    | 7.97    | ppb   |
| Titanium   | 47-1  | 962.61   | 966.66   | 1097.77  | 1009.02    | 7.62    | ppb   |
| Uranium    | 238-1 | 974.90   | 967.13   | 1098.63  | 1013.55    | 7.28    | ppb   |
| Vanadium   | 51-2  | 994.02   | 1009.22  | 995.72   | 999.65     | 0.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 1968.83  | 1999.21  | 1972.89  | 1980.31    | 0.83    | ppb   |
| Zirconium  | 90-1  | 964.60   | 970.51   | 1100.74  | 1011.95    | 7.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 969.28  | 977.00  | 1097.75 | 1014.67    | 7.10    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99335.16  | 101066.50 | 100390.58 | 100264.08  | 0.87    | ppb   |
| Antimony   | 121-1 | 4.90      | 5.21      | 5.86      | 5.33       | 9.21    | ppb   |
| Arsenic    | 75-2  | 1.40      | 1.86      | 1.62      | 1.63       | 14.14   | ppb   |
| Barium     | 135-1 | 2.13      | 1.83      | 1.83      | 1.93       | 9.05    | ppb   |
| Barium     | 137-1 | 1.97      | 1.90      | 1.90      | 1.92       | 2.05    | ppb   |
| Beryllium  | 9-1   | 0.18      | 0.14      | 0.16      | 0.16       | 14.08   | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 30.19     | 27.35     | 25.27     | 27.60      | 8.93    | ppb   |
| Boron      | 11-1  | 29.08     | 27.21     | 25.24     | 27.18      | 7.07    | ppb   |
| Cadmium    | 111-1 | 0.10      | 0.18      | 0.05      | 0.11       | 61.09   | ppb   |
| Cadmium    | 106-1 | -1.12     | 0.09      | -1.14     | -0.72      |         | ppb   |
| Cadmium    | 108-1 | 0.27      | 0.44      | 0.18      | 0.30       | 43.67   | ppb   |
| Calcium    | 43-1  | 502247.73 | 496445.24 | 500888.45 | 499860.47  | 0.61    | ppb   |
| Calcium    | 44-1  | 497815.55 | 499917.99 | 502182.02 | 499971.85  | 0.44    | ppb   |
| Chromium   | 52-2  | 19.15     | 19.39     | 19.29     | 19.27      | 0.63    | ppb   |
| Cobalt     | 59-2  | 1.25      | 1.25      | 1.23      | 1.25       | 0.96    | ppb   |
| Copper     | 63-2  | 2.33      | 2.40      | 2.32      | 2.35       | 1.84    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 94         |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 90         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 248865.72 | 248893.38 | 251902.96 | 249887.36  | 0.70    | ppb   |
| Iron       | 57-2  | 249410.88 | 248581.08 | 251662.03 | 249884.66  | 0.64    | ppb   |
| Lead       | 206-1 | 2.22      | 2.16      | 2.22      | 2.20       | 1.62    | ppb   |
| Lead       | 207-1 | 2.01      | 1.99      | 2.01      | 2.00       | 0.54    | ppb   |
| Lead       | 208-1 | 2.14      | 2.11      | 2.13      | 2.12       | 0.62    | ppb   |
| Lithium    | 6-1   |           |           |           | 89         |         | %     |
| Magnesium  | 24-2  | 494920.92 | 503673.96 | 502824.02 | 500472.97  | 0.96    | ppb   |
| Manganese  | 55-2  | 6.53      | 7.01      | 6.51      | 6.68       | 4.19    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.54      | 1.66      | 1.82      | 1.67       | 8.46    | ppb   |
| Molybdenum | 95-1  | 4.45      | 4.92      | 5.41      | 4.92       | 9.77    | ppb   |
| Molybdenum | 96-1  | 4.23      | 4.46      | 4.91      | 4.53       | 7.64    | ppb   |
| Molybdenum | 97-1  | 4.55      | 4.99      | 5.22      | 4.92       | 6.88    | ppb   |
| Molybdenum | 98-1  | 4.35      | 4.74      | 5.28      | 4.79       | 9.79    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 11.16     | 11.40     | 11.41     | 11.32      | 1.25    | ppb   |
| Phosphorus | 31-2  | 5.54      | 12.55     | 5.71      | 7.93       | 50.43   | ppb   |
| Potassium  | 39-2  | 249606.47 | 250162.36 | 251950.89 | 250573.24  | 0.49    | ppb   |
| Rhodium    | 103-1 |           |           |           | 84         |         | %     |
| Rhodium    | 103-2 |           |           |           | 84         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 1.17      | 0.29      | 2.03      | 1.16       | 74.73   | ppb   |
| Selenium   | 78-2  | 1.75      | 2.42      | 2.29      | 2.15       | 16.46   | ppb   |
| Selenium   | 82-1  | 0.80      | 1.61      | 1.34      | 1.25       | 33.21   | ppb   |
| Silicon    | 28-1  | 61.69     | 63.16     | 64.50     | 63.11      | 2.22    | ppb   |
| Silver     | 109-1 | 0.19      | 0.17      | 0.13      | 0.16       | 16.99   | ppb   |
| Silver     | 107-1 | 0.19      | 0.16      | 0.15      | 0.17       | 10.89   | ppb   |
| Sodium     | 23-2  | 499455.39 | 498063.25 | 503782.45 | 500433.69  | 0.60    | ppb   |
| Strontium  | 86-1  | 26.28     | 26.70     | 26.63     | 26.54      | 0.87    | ppb   |
| Strontium  | 88-1  | 26.72     | 26.93     | 26.64     | 26.77      | 0.56    | ppb   |
| Sulfur     | 34-1  | 86.92     | 3.41      | 165.33    | 85.22      | 95.02   | ppb   |
| Terbium    | 159-1 |           |           |           | 94         |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 0.42      | 0.41      | 0.40      | 0.41       | 2.94    | ppb   |
| Thallium   | 205-1 | 0.46      | 0.41      | 0.40      | 0.42       | 7.88    | ppb   |
| Tin        | 118-1 | 0.93      | 1.03      | 1.20      | 1.05       | 12.99   | ppb   |
| Titanium   | 47-1  | 8.73      | 0.73      | 0.72      | 3.39       | 136.10  | ppb   |
| Uranium    | 238-1 | 0.23      | 0.23      | 0.21      | 0.22       | 4.07    | ppb   |
| Vanadium   | 51-2  | 0.40      | 0.39      | 0.36      | 0.39       | 5.91    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |
| Zinc       | 66-2  | 20.55     | 20.64     | 20.38     | 20.52      | 0.65    | ppb   |
| Zirconium  | 90-1  | 0.22      | 0.22      | 0.24      | 0.23       | 5.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.22    | 0.25    | 0.23       | 6.92    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 489.00  | 494.55  | 486.57  | 490.04     | 0.83    | ppb   |
| Antimony   | 121-1 | 205.68  | 203.29  | 201.07  | 203.35     | 1.13    | ppb   |
| Arsenic    | 75-2  | 198.81  | 198.47  | 199.39  | 198.89     | 0.23    | ppb   |
| Barium     | 135-1 | 96.18   | 96.55   | 96.91   | 96.55      | 0.37    | ppb   |
| Barium     | 137-1 | 96.55   | 97.15   | 96.54   | 96.75      | 0.36    | ppb   |
| Beryllium  | 9-1   | 96.04   | 95.06   | 95.60   | 95.57      | 0.51    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 552.84  | 550.33  | 560.31  | 554.49     | 0.94    | ppb   |
| Boron      | 11-1  | 554.13  | 555.98  | 562.14  | 557.41     | 0.75    | ppb   |
| Cadmium    | 111-1 | 104.01  | 104.66  | 105.68  | 104.78     | 0.80    | ppb   |
| Cadmium    | 106-1 | 187.53  | 188.07  | 189.09  | 188.23     | 0.42    | ppb   |
| Cadmium    | 108-1 | 153.17  | 150.39  | 149.94  | 151.17     | 1.15    | ppb   |
| Calcium    | 43-1  | 2280.75 | 2203.11 | 2279.82 | 2254.56    | 1.98    | ppb   |
| Calcium    | 44-1  | 2134.62 | 2088.56 | 2170.82 | 2131.33    | 1.93    | ppb   |
| Chromium   | 52-2  | 96.03   | 94.40   | 94.50   | 94.98      | 0.96    | ppb   |
| Cobalt     | 59-2  | 99.59   | 98.05   | 98.48   | 98.71      | 0.81    | ppb   |
| Copper     | 63-2  | 98.76   | 97.07   | 97.34   | 97.72      | 0.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1001.75 | 985.60  | 993.17  | 993.51     | 0.81    | ppb   |
| Iron       | 57-2  | 1002.97 | 979.18  | 981.58  | 987.91     | 1.33    | ppb   |
| Lead       | 206-1 | 191.16  | 192.35  | 193.21  | 192.24     | 0.53    | ppb   |
| Lead       | 207-1 | 181.62  | 182.93  | 184.04  | 182.86     | 0.66    | ppb   |
| Lead       | 208-1 | 188.72  | 190.09  | 190.87  | 189.90     | 0.57    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 1219.00 | 1201.68 | 1205.34 | 1208.68    | 0.76    | ppb   |
| Manganese  | 55-2  | 97.53   | 96.24   | 96.36   | 96.71      | 0.74    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 498.13  | 501.23  | 494.06  | 497.80     | 0.72    | ppb   |
| Molybdenum | 95-1  | 493.80  | 493.28  | 488.23  | 491.77     | 0.63    | ppb   |
| Molybdenum | 96-1  | 494.07  | 490.50  | 486.37  | 490.31     | 0.79    | ppb   |
| Molybdenum | 97-1  | 499.14  | 499.92  | 489.46  | 496.17     | 1.17    | ppb   |
| Molybdenum | 98-1  | 501.79  | 500.89  | 502.17  | 501.62     | 0.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 101.20  | 98.81   | 99.10   | 99.70      | 1.31    | ppb   |
| Phosphorus | 31-2  | 17.37   | 6.65    | 6.96    | 10.33      | 59.05   | ppb   |
| Potassium  | 39-2  | 2000.31 | 1967.01 | 1970.77 | 1979.36    | 0.92    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 189.29  | 196.94  | 215.04  | 200.42     | 6.60    | ppb   |
| Selenium   | 78-2  | 205.37  | 209.62  | 206.18  | 207.06     | 1.09    | ppb   |
| Selenium   | 82-1  | 194.32  | 195.06  | 192.29  | 193.89     | 0.74    | ppb   |
| Silicon    | 28-1  | 458.85  | 459.67  | 456.53  | 458.35     | 0.36    | ppb   |
| Silver     | 109-1 | 98.71   | 97.58   | 98.64   | 98.31      | 0.65    | ppb   |
| Silver     | 107-1 | 99.68   | 97.98   | 99.81   | 99.16      | 1.03    | ppb   |
| Sodium     | 23-2  | 2053.98 | 2029.09 | 2033.98 | 2039.02    | 0.65    | ppb   |
| Strontium  | 86-1  | 439.69  | 439.52  | 438.54  | 439.25     | 0.14    | ppb   |
| Strontium  | 88-1  | 443.02  | 446.65  | 445.53  | 445.07     | 0.42    | ppb   |
| Sulfur     | 34-1  | 106.96  | 37.10   | 116.51  | 86.86      | 49.91   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 191.19  | 191.66  | 191.57  | 191.47     | 0.13    | ppb   |
| Thallium   | 205-1 | 193.92  | 194.13  | 195.95  | 194.67     | 0.57    | ppb   |
| Tin        | 118-1 | 517.44  | 520.58  | 524.31  | 520.78     | 0.66    | ppb   |
| Titanium   | 47-1  | 500.96  | 496.36  | 499.31  | 498.88     | 0.47    | ppb   |
| Uranium    | 238-1 | 486.14  | 488.32  | 493.58  | 489.34     | 0.78    | ppb   |
| Vanadium   | 51-2  | 96.09   | 94.90   | 94.70   | 95.23      | 0.79    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 199.99  | 198.18  | 199.90  | 199.36     | 0.51    | ppb   |
| Zirconium  | 90-1  | 501.13  | 503.76  | 497.07  | 500.65     | 0.67    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 489.92  | 495.62  | 493.44  | 492.99     | 0.58    | ppb   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 12:44:14 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.61    | 0.05    | 0.30    | 0.32       | 88.41   | ppb   |
| Antimony   | 121-1 | 0.87    | 1.13    | 1.44    | 1.15       | 25.19   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.26    | 0.22    | 0.24       | 8.69    | ppb   |
| Barium     | 135-1 | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 52.30   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 5.72    | 6.11    | 5.37    | 5.73       | 6.43    | ppb   |
| Boron      | 11-1  | 5.69    | 5.31    | 5.34    | 5.44       | 3.84    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.06   | -0.09   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -0.90   | -1.11   | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | 0.06    | 0.01       | 314.21  | ppb   |
| Calcium    | 43-1  | 0.99    | -0.04   | 1.02    | 0.66       | 92.20   | ppb   |
| Calcium    | 44-1  | 4.17    | 2.42    | 3.14    | 3.24       | 27.03   | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.35   | -0.31   | -0.34   | -0.33      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.53    | 1.21    | 1.16    | 1.30       | 15.41   | ppb   |
| Iron       | 57-2  | 0.41    | 1.27    | 1.15    | 0.94       | 49.16   | ppb   |
| Lead       | 206-1 | 0.13    | 0.15    | 0.13    | 0.14       | 8.24    | ppb   |
| Lead       | 207-1 | 0.12    | 0.11    | 0.09    | 0.11       | 16.45   | ppb   |
| Lead       | 208-1 | 0.13    | 0.12    | 0.12    | 0.12       | 4.67    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 3.48    | 1.41    | 1.02    | 1.97       | 67.27   | ppb   |
| Manganese  | 55-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:44:14 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.13    | 0.16    | 0.13       | 30.40   | ppb   |
| Molybdenum | 95-1  | 0.21    | 0.33    | 0.45    | 0.33       | 35.85   | ppb   |
| Molybdenum | 96-1  | 0.19    | 0.27    | 0.40    | 0.29       | 36.87   | ppb   |
| Molybdenum | 97-1  | 0.23    | 0.41    | 0.48    | 0.37       | 34.90   | ppb   |
| Molybdenum | 98-1  | 0.21    | 0.34    | 0.48    | 0.34       | 38.41   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 4.78    | 6.17    | 14.31   | 8.42       | 61.16   | ppb   |
| Potassium  | 39-2  | 19.26   | 22.63   | 20.47   | 20.79      | 8.22    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 0.27    | 0.27    | 0.27    | 0.27       | 0.58    | ppb   |
| Selenium   | 78-2  | 1.21    | 1.01    | 1.53    | 1.25       | 20.90   | ppb   |
| Selenium   | 82-1  | -0.68   | 0.90    | -0.11   | 0.03       | 2350.09 | ppb   |
| Silicon    | 28-1  | 1.86    | 0.26    | 0.31    | 0.81       | 112.03  | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.75   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 38.76   | ppb   |
| Sodium     | 23-2  | 34.90   | 34.26   | 32.87   | 34.01      | 3.05    | ppb   |
| Strontium  | 86-1  | 0.03    | -0.08   | -0.04   | -0.03      |         | ppb   |
| Strontium  | 88-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | 470.77  | 351.60  | 413.95  | 412.11     | 14.46   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.03    | 0.02       | 23.88   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.02    | 0.02    | 0.02       | 13.97   | ppb   |
| Tin        | 118-1 | 0.09    | 0.15    | 0.18    | 0.14       | 31.23   | ppb   |
| Titanium   | 47-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.00    | -0.04   | 0.01    | -0.01      |         | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 12.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:44:14 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.03       | 9.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93933.54  | 93928.26 | 94818.59  | 94226.80   | 0.54    | ppb   |
| Antimony   | 121-1 | 1.53      | 1.63     | 1.75      | 1.64       | 6.68    | ppb   |
| Arsenic    | 75-2  | 0.54      | 0.41     | 0.48      | 0.48       | 13.50   | ppb   |
| Barium     | 135-1 | 1.39      | 1.49     | 1.45      | 1.44       | 3.59    | ppb   |
| Barium     | 137-1 | 1.47      | 1.42     | 1.41      | 1.43       | 2.22    | ppb   |
| Beryllium  | 9-1   | 0.31      | 0.29     | 0.25      | 0.28       | 10.99   | ppb   |
| Bismuth    | 209-1 |           |          |           | 94         |         | %     |
| Bismuth    | 209-2 |           |          |           | 91         |         | %     |
| Boron      | 10-1  | 5.43      | 5.04     | 5.42      | 5.30       | 4.18    | ppb   |
| Boron      | 11-1  | 5.62      | 5.25     | 5.37      | 5.41       | 3.57    | ppb   |
| Cadmium    | 111-1 | 0.32      | 0.40     | 0.31      | 0.35       | 14.45   | ppb   |
| Cadmium    | 106-1 | -1.68     | -0.58    | -2.08     | -1.45      |         | ppb   |
| Cadmium    | 108-1 | 14.80     | 15.21    | 14.55     | 14.86      | 2.23    | ppb   |
| Calcium    | 43-1  | 98188.21  | 95668.99 | 95286.10  | 96381.10   | 1.64    | ppb   |
| Calcium    | 44-1  | 96403.34  | 95329.87 | 95483.97  | 95739.06   | 0.61    | ppb   |
| Chromium   | 52-2  | 18.90     | 19.31    | 19.17     | 19.13      | 1.10    | ppb   |
| Cobalt     | 59-2  | 1.13      | 1.08     | 1.12      | 1.11       | 2.43    | ppb   |
| Copper     | 63-2  | 7.49      | 7.51     | 7.64      | 7.55       | 1.09    | ppb   |
| Dysprosium | 156-1 |           |          |           |            |         | cps   |
| Dysprosium | 156-2 |           |          |           |            |         | cps   |
| Erbium     | 164-1 |           |          |           |            |         | cps   |
| Erbium     | 164-2 |           |          |           |            |         | cps   |
| Gadolinium | 160-1 |           |          |           |            |         | cps   |
| Gadolinium | 160-2 |           |          |           |            |         | cps   |
| Holmium    | 165-1 |           |          |           | 100        |         | %     |
| Holmium    | 165-2 |           |          |           | 101        |         | %     |
| Indium     | 115-1 |           |          |           | 97         |         | %     |
| Indium     | 115-2 |           |          |           | 97         |         | %     |
| Iron       | 56-2  | 97009.61  | 98245.20 | 97910.81  | 97721.87   | 0.65    | ppb   |
| Iron       | 57-2  | 97581.94  | 98238.81 | 98037.99  | 97952.91   | 0.34    | ppb   |
| Lead       | 206-1 | 4.43      | 4.42     | 4.31      | 4.39       | 1.48    | ppb   |
| Lead       | 207-1 | 3.83      | 3.75     | 3.79      | 3.79       | 1.04    | ppb   |
| Lead       | 208-1 | 4.09      | 4.11     | 4.04      | 4.08       | 0.92    | ppb   |
| Lithium    | 6-1   |           |          |           | 94         |         | %     |
| Magnesium  | 24-2  | 100123.21 | 99423.52 | 101120.49 | 100222.41  | 0.85    | ppb   |
| Manganese  | 55-2  | 7.73      | 7.59     | 7.62      | 7.65       | 0.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 559.40    | 562.84    | 556.48    | 559.57     | 0.57    | ppb   |
| Molybdenum | 95-1  | 1839.03   | 1865.20   | 1850.52   | 1851.58    | 0.71    | ppb   |
| Molybdenum | 96-1  | 1543.67   | 1556.37   | 1543.55   | 1547.87    | 0.48    | ppb   |
| Molybdenum | 97-1  | 1861.45   | 1859.84   | 1848.37   | 1856.56    | 0.38    | ppb   |
| Molybdenum | 98-1  | 1851.09   | 1873.41   | 1861.22   | 1861.91    | 0.60    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.98      | 4.99      | 4.94      | 4.97       | 0.49    | ppb   |
| Phosphorus | 31-2  | 101137.23 | 101639.58 | 103191.96 | 101989.59  | 1.05    | ppb   |
| Potassium  | 39-2  | 97580.52  | 98167.37  | 99027.35  | 98258.41   | 0.74    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 77-2  | 0.27      | 0.27      | 0.00      | 0.18       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.16      | -0.08     | 0.52      | 0.20       | 153.26  | ppb   |
| Selenium   | 82-1  | -1.28     | 0.01      | 0.42      | -0.28      |         | ppb   |
| Silicon    | 28-1  | 28.74     | 27.61     | 28.12     | 28.16      | 2.02    | ppb   |
| Silver     | 109-1 | 0.07      | 0.08      | 0.09      | 0.08       | 15.04   | ppb   |
| Silver     | 107-1 | 0.07      | 0.09      | 0.10      | 0.09       | 15.70   | ppb   |
| Sodium     | 23-2  | 100327.81 | 100388.57 | 101851.48 | 100855.95  | 0.86    | ppb   |
| Strontium  | 86-1  | 27.18     | 27.75     | 27.88     | 27.60      | 1.34    | ppb   |
| Strontium  | 88-1  | 27.59     | 27.88     | 27.65     | 27.71      | 0.56    | ppb   |
| Sulfur     | 34-1  | 67525.21  | 66218.05  | 65656.12  | 66466.46   | 1.44    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 0.05      | 0.06      | 0.05      | 0.05       | 10.28   | ppb   |
| Thallium   | 205-1 | 0.04      | 0.05      | 0.05      | 0.04       | 11.41   | ppb   |
| Tin        | 118-1 | 0.23      | 0.22      | 0.27      | 0.24       | 10.47   | ppb   |
| Titanium   | 47-1  | 1946.81   | 1890.55   | 1922.50   | 1919.95    | 1.47    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.03      | 0.02       | 10.76   | ppb   |
| Vanadium   | 51-2  | 0.16      | 0.18      | 0.16      | 0.17       | 7.21    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 100        |         | %     |
| Zinc       | 66-2  | 11.52     | 11.40     | 11.82     | 11.58      | 1.88    | ppb   |
| Zirconium  | 90-1  | 0.18      | 0.18      | 0.19      | 0.18       | 4.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.20    | 0.21    | 0.20       | 6.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 92072.36 | 92568.23 | 92628.95 | 92423.18   | 0.33    | ppb   |
| Antimony   | 121-1 | 19.39    | 19.46    | 19.34    | 19.39      | 0.32    | ppb   |
| Arsenic    | 75-2  | 20.05    | 19.72    | 20.22    | 20.00      | 1.29    | ppb   |
| Barium     | 135-1 | 20.81    | 20.77    | 20.36    | 20.64      | 1.20    | ppb   |
| Barium     | 137-1 | 20.53    | 20.45    | 20.35    | 20.44      | 0.43    | ppb   |
| Beryllium  | 9-1   | 20.34    | 20.20    | 20.19    | 20.24      | 0.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 94         |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 54.73    | 52.86    | 54.00    | 53.86      | 1.75    | ppb   |
| Boron      | 11-1  | 53.64    | 53.30    | 52.98    | 53.31      | 0.62    | ppb   |
| Cadmium    | 111-1 | 19.73    | 19.87    | 19.66    | 19.75      | 0.54    | ppb   |
| Cadmium    | 106-1 | 22.71    | 24.13    | 23.52    | 23.45      | 3.02    | ppb   |
| Cadmium    | 108-1 | 36.69    | 35.21    | 36.10    | 36.00      | 2.07    | ppb   |
| Calcium    | 43-1  | 95895.98 | 96495.50 | 93549.76 | 95313.75   | 1.63    | ppb   |
| Calcium    | 44-1  | 94901.42 | 95722.60 | 93615.60 | 94746.54   | 1.12    | ppb   |
| Chromium   | 52-2  | 37.77    | 37.47    | 37.85    | 37.70      | 0.53    | ppb   |
| Cobalt     | 59-2  | 19.60    | 19.82    | 20.01    | 19.81      | 1.03    | ppb   |
| Copper     | 63-2  | 25.90    | 25.75    | 25.95    | 25.87      | 0.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 93729.22 | 93550.79 | 95305.20 | 94195.07   | 1.03    | ppb   |
| Iron       | 57-2  | 93146.42 | 93973.16 | 94407.56 | 93842.38   | 0.68    | ppb   |
| Lead       | 206-1 | 23.62    | 23.29    | 23.18    | 23.36      | 0.97    | ppb   |
| Lead       | 207-1 | 21.85    | 21.56    | 21.53    | 21.65      | 0.81    | ppb   |
| Lead       | 208-1 | 22.83    | 22.52    | 22.41    | 22.59      | 0.98    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 96293.73 | 96702.30 | 97954.11 | 96983.38   | 0.89    | ppb   |
| Manganese  | 55-2  | 26.36    | 26.29    | 26.83    | 26.49      | 1.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 610.06   | 591.15    | 605.61    | 602.27     | 1.64    | ppb   |
| Molybdenum | 95-1  | 1906.12  | 1849.19   | 1891.46   | 1882.26    | 1.57    | ppb   |
| Molybdenum | 96-1  | 1584.52  | 1561.43   | 1578.74   | 1574.90    | 0.76    | ppb   |
| Molybdenum | 97-1  | 1918.32  | 1877.19   | 1886.83   | 1894.11    | 1.14    | ppb   |
| Molybdenum | 98-1  | 1904.64  | 1847.64   | 1890.39   | 1880.89    | 1.58    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 23.40    | 23.81     | 23.77     | 23.66      | 0.96    | ppb   |
| Phosphorus | 31-2  | 99962.65 | 100067.13 | 101221.30 | 100417.02  | 0.70    | ppb   |
| Potassium  | 39-2  | 95830.51 | 96462.86  | 97074.18  | 96455.85   | 0.64    | ppb   |
| Rhodium    | 103-1 |          |           |           | 95         |         | %     |
| Rhodium    | 103-2 |          |           |           | 94         |         | %     |
| Scandium   | 45-1  |          |           |           | 101        |         | %     |
| Scandium   | 45-2  |          |           |           | 107        |         | %     |
| Selenium   | 77-2  | 21.17    | 18.32     | 19.35     | 19.61      | 7.34    | ppb   |
| Selenium   | 78-2  | 20.18    | 21.85     | 17.97     | 20.00      | 9.73    | ppb   |
| Selenium   | 82-1  | 19.92    | 16.76     | 18.65     | 18.44      | 8.62    | ppb   |
| Silicon    | 28-1  | 83.85    | 83.51     | 81.39     | 82.92      | 1.61    | ppb   |
| Silver     | 109-1 | 18.07    | 18.13     | 17.95     | 18.05      | 0.52    | ppb   |
| Silver     | 107-1 | 18.11    | 18.02     | 18.09     | 18.07      | 0.26    | ppb   |
| Sodium     | 23-2  | 97359.60 | 97988.11  | 97919.15  | 97755.62   | 0.35    | ppb   |
| Strontium  | 86-1  | 67.04    | 64.21     | 66.73     | 65.99      | 2.35    | ppb   |
| Strontium  | 88-1  | 67.01    | 65.27     | 67.00     | 66.43      | 1.51    | ppb   |
| Sulfur     | 34-1  | 66095.06 | 66138.94  | 63705.69  | 65313.23   | 2.13    | ppb   |
| Terbium    | 159-1 |          |           |           | 100        |         | %     |
| Terbium    | 159-2 |          |           |           | 100        |         | %     |
| Thallium   | 203-1 | 19.08    | 18.96     | 19.16     | 19.07      | 0.54    | ppb   |
| Thallium   | 205-1 | 19.31    | 19.06     | 19.07     | 19.15      | 0.75    | ppb   |
| Tin        | 118-1 | 43.99    | 44.01     | 44.18     | 44.06      | 0.24    | ppb   |
| Titanium   | 47-1  | 1959.98  | 1957.01   | 1938.22   | 1951.74    | 0.60    | ppb   |
| Uranium    | 238-1 | 44.94    | 44.22     | 44.15     | 44.44      | 0.98    | ppb   |
| Vanadium   | 51-2  | 19.45    | 18.83     | 19.22     | 19.16      | 1.64    | ppb   |
| Yttrium    | 89-1  |          |           |           | 101        |         | %     |
| Yttrium    | 89-2  |          |           |           | 102        |         | %     |
| Zinc       | 66-2  | 30.53    | 30.08     | 30.27     | 30.29      | 0.74    | ppb   |
| Zirconium  | 90-1  | 44.37    | 44.03     | 44.13     | 44.18      | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 44.13   | 42.92   | 43.66   | 43.57      | 1.40    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9725.18  | 9760.42  | 9693.85  | 9726.48    | 0.34    | ppb   |
| Antimony   | 121-1 | 520.31   | 492.51   | 484.75   | 499.19     | 3.75    | ppb   |
| Arsenic    | 75-2  | 510.00   | 502.38   | 508.51   | 506.96     | 0.80    | ppb   |
| Barium     | 135-1 | 2624.01  | 2471.56  | 2477.39  | 2524.32    | 3.42    | ppb   |
| Barium     | 137-1 | 2578.99  | 2472.62  | 2423.43  | 2491.68    | 3.19    | ppb   |
| Beryllium  | 9-1   | 529.82   | 505.53   | 496.34   | 510.56     | 3.39    | ppb   |
| Bismuth    | 209-1 |          |          |          | 94         |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 510.33   | 501.77   | 490.54   | 500.88     | 1.98    | ppb   |
| Boron      | 11-1  | 520.50   | 499.71   | 492.05   | 504.09     | 2.92    | ppb   |
| Cadmium    | 111-1 | 524.98   | 499.36   | 496.12   | 506.82     | 3.12    | ppb   |
| Cadmium    | 106-1 | 527.16   | 502.98   | 496.46   | 508.87     | 3.18    | ppb   |
| Cadmium    | 108-1 | 516.71   | 497.34   | 486.07   | 500.04     | 3.10    | ppb   |
| Calcium    | 43-1  | 51356.10 | 48713.28 | 48117.15 | 49395.51   | 3.49    | ppb   |
| Calcium    | 44-1  | 51854.43 | 48701.47 | 48751.59 | 49769.16   | 3.63    | ppb   |
| Chromium   | 52-2  | 486.73   | 487.41   | 488.73   | 487.62     | 0.21    | ppb   |
| Cobalt     | 59-2  | 481.99   | 486.02   | 483.44   | 483.81     | 0.42    | ppb   |
| Copper     | 63-2  | 970.48   | 966.39   | 954.77   | 963.88     | 0.85    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 24643.28 | 24750.24 | 24401.19 | 24598.24   | 0.73    | ppb   |
| Iron       | 57-2  | 24198.50 | 24546.53 | 24303.40 | 24349.47   | 0.73    | ppb   |
| Lead       | 206-1 | 502.75   | 474.61   | 477.63   | 485.00     | 3.18    | ppb   |
| Lead       | 207-1 | 503.94   | 471.47   | 471.42   | 482.28     | 3.89    | ppb   |
| Lead       | 208-1 | 507.12   | 479.34   | 477.55   | 488.00     | 3.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 50449.06 | 50856.15 | 50331.82 | 50545.68   | 0.54    | ppb   |
| Manganese  | 55-2  | 976.72   | 989.83   | 979.53   | 982.03     | 0.70    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 510.96   | 474.93   | 475.60   | 487.16     | 4.23    | ppb   |
| Molybdenum | 95-1  | 504.88   | 469.73   | 472.64   | 482.42     | 4.04    | ppb   |
| Molybdenum | 96-1  | 501.75   | 467.93   | 470.45   | 480.04     | 3.92    | ppb   |
| Molybdenum | 97-1  | 508.99   | 472.40   | 475.00   | 485.46     | 4.21    | ppb   |
| Molybdenum | 98-1  | 511.25   | 476.57   | 479.45   | 489.09     | 3.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 483.96   | 481.85   | 480.49   | 482.10     | 0.36    | ppb   |
| Phosphorus | 31-2  | 10254.78 | 10390.36 | 10222.16 | 10289.10   | 0.87    | ppb   |
| Potassium  | 39-2  | 24857.24 | 25053.72 | 25043.38 | 24984.78   | 0.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 517.17   | 504.41   | 504.79   | 508.79     | 1.43    | ppb   |
| Selenium   | 78-2  | 512.45   | 503.98   | 510.05   | 508.83     | 0.86    | ppb   |
| Selenium   | 82-1  | 518.59   | 475.50   | 484.88   | 492.99     | 4.60    | ppb   |
| Silicon    | 28-1  | 570.74   | 548.75   | 537.60   | 552.36     | 3.05    | ppb   |
| Silver     | 109-1 | 529.66   | 503.62   | 497.58   | 510.29     | 3.34    | ppb   |
| Silver     | 107-1 | 527.73   | 502.80   | 494.99   | 508.51     | 3.36    | ppb   |
| Sodium     | 23-2  | 50637.21 | 50700.03 | 50790.87 | 50709.37   | 0.15    | ppb   |
| Strontium  | 86-1  | 512.19   | 472.90   | 473.56   | 486.22     | 4.63    | ppb   |
| Strontium  | 88-1  | 515.72   | 484.32   | 478.71   | 492.91     | 4.05    | ppb   |
| Sulfur     | 34-1  | 10718.18 | 9757.06  | 9420.47  | 9965.24    | 6.76    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 513.47   | 486.77   | 486.65   | 495.63     | 3.12    | ppb   |
| Thallium   | 205-1 | 513.93   | 487.89   | 490.66   | 497.49     | 2.87    | ppb   |
| Tin        | 118-1 | 520.31   | 501.45   | 495.72   | 505.83     | 2.54    | ppb   |
| Titanium   | 47-1  | 516.41   | 484.80   | 485.46   | 495.56     | 3.65    | ppb   |
| Uranium    | 238-1 | 502.66   | 476.64   | 473.10   | 484.13     | 3.33    | ppb   |
| Vanadium   | 51-2  | 491.61   | 489.47   | 489.70   | 490.26     | 0.24    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 968.75   | 960.92   | 966.43   | 965.37     | 0.42    | ppb   |
| Zirconium  | 90-1  | 515.63   | 480.67   | 480.42   | 492.24     | 4.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 503.68  | 469.05  | 471.98  | 481.57     | 3.99    | ppb   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : CCB075 Instrumnet Name : P7  
 Client Sample ID : CCB075 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 13:12:46 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | 0.03    | 0.09    | 0.12       | 89.92   | ppb   |
| Antimony   | 121-1 | 0.79    | 1.10    | 1.49    | 1.13       | 31.48   | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.07    | 0.13    | 0.10       | 31.64   | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 220.21  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | -0.01   | 0.00       | 278.60  | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 2.78    | 2.67    | 3.18    | 2.88       | 9.20    | ppb   |
| Boron      | 11-1  | 2.74    | 2.74    | 2.72    | 2.73       | 0.46    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.12   | -0.18   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.79   | -1.38   | -2.22   | -1.80      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.01   | 0.05    | 0.01       | 199.56  | ppb   |
| Calcium    | 43-1  | -0.26   | -0.59   | -0.37   | -0.40      |         | ppb   |
| Calcium    | 44-1  | -1.02   | -0.78   | 0.15    | -0.55      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.25   | -0.21   | -0.22   | -0.23      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.30    | 1.32    | 1.16    | 1.26       | 7.09    | ppb   |
| Iron       | 57-2  | 1.82    | 1.24    | 0.98    | 1.35       | 31.74   | ppb   |
| Lead       | 206-1 | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.01    | 0.01       | 42.95   | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-2  | 0.45    | 0.29    | 0.38    | 0.37       | 21.20   | ppb   |
| Manganese  | 55-2  | 0.06    | 0.06    | 0.06    | 0.06       | 5.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB075              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB075              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:12:46 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.08    | 0.14    | 0.09       | 49.11   | ppb   |
| Molybdenum | 95-1  | 0.18    | 0.25    | 0.42    | 0.28       | 43.73   | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.24    | 0.33    | 0.24       | 34.51   | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.24    | 0.38    | 0.27       | 35.74   | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.30    | 0.43    | 0.30       | 44.74   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.02    | 0.06    | 0.03       | 62.12   | ppb   |
| Phosphorus | 31-2  | 16.69   | 11.27   | -1.11   | 8.95       | 101.92  | ppb   |
| Potassium  | 39-2  | 19.65   | 19.49   | 18.70   | 19.28      | 2.63    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 0.54    | 0.54    | 0.54    | 0.54       | 0.45    | ppb   |
| Selenium   | 78-2  | 0.64    | 0.44    | 0.82    | 0.63       | 30.43   | ppb   |
| Selenium   | 82-1  | -0.17   | -0.34   | -0.16   | -0.22      |         | ppb   |
| Silicon    | 28-1  | 0.94    | 1.17    | 0.76    | 0.95       | 21.68   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 93.83   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 9.28    | ppb   |
| Sodium     | 23-2  | 21.14   | 19.54   | 19.70   | 20.13      | 4.38    | ppb   |
| Strontium  | 86-1  | -0.01   | -0.09   | -0.08   | -0.06      |         | ppb   |
| Strontium  | 88-1  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | 132.23  | 239.43  | 208.87  | 193.51     | 28.54   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 36.64   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 36.77   | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.06    | 0.04       | 27.63   | ppb   |
| Titanium   | 47-1  | 0.05    | -0.01   | 0.06    | 0.04       | 106.19  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.04    | 0.03    | -0.05   | 0.01       | 527.99  | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.02       | 52.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB075              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB075              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:12:46 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 19.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3755.03  | 3763.00  | 3746.88  | 3754.97    | 0.21    | ppb   |
| Antimony   | 121-1 | 1.02     | 1.12     | 1.23     | 1.12       | 9.53    | ppb   |
| Arsenic    | 75-2  | 14.14    | 13.73    | 13.76    | 13.88      | 1.65    | ppb   |
| Barium     | 135-1 | 92.24    | 91.85    | 93.00    | 92.36      | 0.63    | ppb   |
| Barium     | 137-1 | 92.24    | 91.56    | 92.80    | 92.20      | 0.68    | ppb   |
| Beryllium  | 9-1   | 0.45     | 0.45     | 0.42     | 0.44       | 3.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 3.19     | 3.20     | 2.83     | 3.07       | 6.96    | ppb   |
| Boron      | 11-1  | 3.21     | 3.36     | 3.11     | 3.23       | 3.86    | ppb   |
| Cadmium    | 111-1 | 3.40     | 3.28     | 3.64     | 3.44       | 5.36    | ppb   |
| Cadmium    | 106-1 | 1.09     | 0.74     | 2.50     | 1.44       | 64.34   | ppb   |
| Cadmium    | 108-1 | 3.11     | 3.35     | 3.73     | 3.39       | 9.20    | ppb   |
| Calcium    | 43-1  | 54286.70 | 55611.09 | 55008.60 | 54968.79   | 1.21    | ppb   |
| Calcium    | 44-1  | 54507.33 | 55845.42 | 55105.82 | 55152.86   | 1.22    | ppb   |
| Chromium   | 52-2  | 21.18    | 20.83    | 20.98    | 21.00      | 0.83    | ppb   |
| Cobalt     | 59-2  | 7.89     | 8.00     | 8.04     | 7.98       | 0.94    | ppb   |
| Copper     | 63-2  | 55.51    | 55.89    | 56.08    | 55.83      | 0.52    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 31590.51 | 31586.13 | 31353.16 | 31509.93   | 0.43    | ppb   |
| Iron       | 57-2  | 31024.86 | 31274.00 | 30964.20 | 31087.69   | 0.53    | ppb   |
| Lead       | 206-1 | 5742.54  | 5823.50  | 5842.84  | 5802.96    | 0.92    | ppb   |
| Lead       | 207-1 | 5344.62  | 5348.42  | 5398.38  | 5363.81    | 0.56    | ppb   |
| Lead       | 208-1 | 5527.00  | 5567.69  | 5578.67  | 5557.79    | 0.49    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 26115.11 | 26060.34 | 25735.80 | 25970.42   | 0.79    | ppb   |
| Manganese  | 55-2  | 1309.13  | 1320.21  | 1308.96  | 1312.77    | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.18    | 1.19    | 1.21    | 1.19       | 1.00    | ppb   |
| Molybdenum | 95-1  | 1.70    | 1.65    | 1.69    | 1.68       | 1.55    | ppb   |
| Molybdenum | 96-1  | 1.61    | 1.55    | 1.61    | 1.59       | 2.35    | ppb   |
| Molybdenum | 97-1  | 1.65    | 1.66    | 1.74    | 1.68       | 3.14    | ppb   |
| Molybdenum | 98-1  | 1.61    | 1.69    | 1.67    | 1.65       | 2.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 20.86   | 21.03   | 21.06   | 20.98      | 0.53    | ppb   |
| Phosphorus | 31-2  | 349.01  | 364.93  | 335.76  | 349.90     | 4.17    | ppb   |
| Potassium  | 39-2  | 637.80  | 648.95  | 655.10  | 647.28     | 1.35    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 3.51    | 5.37    | 6.49    | 5.12       | 29.34   | ppb   |
| Selenium   | 78-2  | 1.85    | 1.06    | 2.61    | 1.84       | 42.02   | ppb   |
| Selenium   | 82-1  | 1.57    | 1.89    | 1.41    | 1.62       | 15.08   | ppb   |
| Silicon    | 28-1  | 2307.18 | 2355.08 | 2296.93 | 2319.73    | 1.34    | ppb   |
| Silver     | 109-1 | 0.33    | 0.35    | 0.39    | 0.36       | 7.92    | ppb   |
| Silver     | 107-1 | 0.33    | 0.40    | 0.38    | 0.37       | 9.31    | ppb   |
| Sodium     | 23-2  | 196.72  | 195.86  | 198.89  | 197.15     | 0.79    | ppb   |
| Strontium  | 86-1  | 39.38   | 39.31   | 39.72   | 39.47      | 0.55    | ppb   |
| Strontium  | 88-1  | 39.70   | 40.06   | 39.77   | 39.84      | 0.49    | ppb   |
| Sulfur     | 34-1  | 2079.18 | 2258.83 | 2120.10 | 2152.71    | 4.37    | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.06    | 0.07    | 0.06    | 0.06       | 11.79   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.39    | ppb   |
| Tin        | 118-1 | 2.68    | 2.67    | 2.73    | 2.69       | 1.12    | ppb   |
| Titanium   | 47-1  | 44.21   | 44.75   | 45.03   | 44.66      | 0.93    | ppb   |
| Uranium    | 238-1 | 1.57    | 1.55    | 1.58    | 1.57       | 0.88    | ppb   |
| Vanadium   | 51-2  | 21.39   | 21.50   | 20.97   | 21.29      | 1.33    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 625.36  | 635.95  | 628.47  | 629.93     | 0.86    | ppb   |
| Zirconium  | 90-1  | 1.01    | 1.03    | 1.05    | 1.03       | 2.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.04    | 0.98    | 1.07    | 1.03       | 4.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13886.44 | 13927.57 | 13895.87 | 13903.29   | 0.15    | ppb   |
| Antimony   | 121-1 | 0.49     | 0.50     | 0.55     | 0.51       | 6.50    | ppb   |
| Arsenic    | 75-2  | 6.52     | 6.54     | 6.37     | 6.48       | 1.47    | ppb   |
| Barium     | 135-1 | 105.89   | 105.05   | 105.62   | 105.52     | 0.40    | ppb   |
| Barium     | 137-1 | 108.66   | 106.07   | 105.49   | 106.74     | 1.58    | ppb   |
| Beryllium  | 9-1   | 1.17     | 1.19     | 1.19     | 1.18       | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.90     | 2.40     | 2.67     | 2.66       | 9.26    | ppb   |
| Boron      | 11-1  | 2.68     | 2.43     | 2.36     | 2.49       | 6.69    | ppb   |
| Cadmium    | 111-1 | 0.23     | 0.24     | 0.14     | 0.20       | 25.23   | ppb   |
| Cadmium    | 106-1 | -0.14    | 0.01     | -0.93    | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.62     | 0.70     | 0.63     | 0.65       | 6.69    | ppb   |
| Calcium    | 43-1  | 2664.78  | 2722.28  | 2745.11  | 2710.73    | 1.53    | ppb   |
| Calcium    | 44-1  | 2719.15  | 2771.12  | 2747.14  | 2745.81    | 0.95    | ppb   |
| Chromium   | 52-2  | 27.74    | 27.93    | 27.68    | 27.79      | 0.46    | ppb   |
| Cobalt     | 59-2  | 8.58     | 8.83     | 8.71     | 8.71       | 1.42    | ppb   |
| Copper     | 63-2  | 76.68    | 77.63    | 77.41    | 77.24      | 0.65    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 38792.43 | 38970.34 | 38888.42 | 38883.73   | 0.23    | ppb   |
| Iron       | 57-2  | 38415.81 | 38898.22 | 38655.50 | 38656.51   | 0.62    | ppb   |
| Lead       | 206-1 | 3010.73  | 3031.40  | 2990.23  | 3010.78    | 0.68    | ppb   |
| Lead       | 207-1 | 2778.54  | 2814.50  | 2775.83  | 2789.62    | 0.77    | ppb   |
| Lead       | 208-1 | 2871.59  | 2904.65  | 2887.05  | 2887.76    | 0.57    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 1797.43  | 1795.77  | 1802.61  | 1798.60    | 0.20    | ppb   |
| Manganese  | 55-2  | 162.75   | 163.44   | 163.49   | 163.23     | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.39    | 2.39    | 2.36    | 2.38       | 0.56    | ppb   |
| Molybdenum | 95-1  | 0.73    | 0.76    | 0.70    | 0.73       | 3.86    | ppb   |
| Molybdenum | 96-1  | 1.21    | 1.21    | 1.24    | 1.22       | 1.41    | ppb   |
| Molybdenum | 97-1  | 0.70    | 0.79    | 0.74    | 0.74       | 5.76    | ppb   |
| Molybdenum | 98-1  | 0.76    | 0.68    | 0.75    | 0.73       | 6.01    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 16.86   | 16.91   | 16.90   | 16.89      | 0.17    | ppb   |
| Phosphorus | 31-2  | 164.55  | 171.33  | 186.77  | 174.22     | 6.54    | ppb   |
| Potassium  | 39-2  | 1102.38 | 1095.93 | 1086.55 | 1094.96    | 0.73    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 13.38   | 14.97   | 9.83    | 12.73      | 20.66   | ppb   |
| Selenium   | 78-2  | 1.06    | 2.63    | 1.50    | 1.73       | 46.87   | ppb   |
| Selenium   | 82-1  | 1.06    | -0.31   | 0.89    | 0.55       | 136.70  | ppb   |
| Silicon    | 28-1  | 4087.67 | 4236.85 | 4206.11 | 4176.88    | 1.89    | ppb   |
| Silver     | 109-1 | 0.27    | 0.30    | 0.31    | 0.29       | 7.23    | ppb   |
| Silver     | 107-1 | 0.28    | 0.32    | 0.31    | 0.30       | 5.73    | ppb   |
| Sodium     | 23-2  | 293.25  | 294.38  | 297.65  | 295.09     | 0.77    | ppb   |
| Strontium  | 86-1  | 15.40   | 15.15   | 14.72   | 15.09      | 2.28    | ppb   |
| Strontium  | 88-1  | 15.27   | 15.03   | 15.04   | 15.11      | 0.91    | ppb   |
| Sulfur     | 34-1  | 336.37  | 551.95  | 466.83  | 451.72     | 24.04   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.14    | 0.12    | 0.14    | 0.13       | 7.37    | ppb   |
| Thallium   | 205-1 | 0.13    | 0.14    | 0.14    | 0.14       | 2.71    | ppb   |
| Tin        | 118-1 | 2.09    | 2.15    | 2.15    | 2.13       | 1.51    | ppb   |
| Titanium   | 47-1  | 67.49   | 67.85   | 67.03   | 67.46      | 0.61    | ppb   |
| Uranium    | 238-1 | 0.96    | 0.96    | 0.95    | 0.96       | 0.64    | ppb   |
| Vanadium   | 51-2  | 46.33   | 46.67   | 46.58   | 46.53      | 0.38    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 65.89   | 66.10   | 66.47   | 66.15      | 0.44    | ppb   |
| Zirconium  | 90-1  | 3.17    | 3.17    | 3.19    | 3.18       | 0.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.29    | 3.13    | 3.13    | 3.18       | 2.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11737.52 | 11731.99 | 11604.34 | 11691.28   | 0.64    | ppb   |
| Antimony   | 121-1 | 0.71     | 0.78     | 0.75     | 0.75       | 4.79    | ppb   |
| Arsenic    | 75-2  | 7.80     | 7.66     | 7.69     | 7.72       | 0.94    | ppb   |
| Barium     | 135-1 | 89.54    | 90.37    | 90.52    | 90.14      | 0.59    | ppb   |
| Barium     | 137-1 | 89.95    | 90.05    | 90.53    | 90.18      | 0.34    | ppb   |
| Beryllium  | 9-1   | 1.01     | 1.07     | 1.03     | 1.04       | 3.09    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.02     | 1.85     | 1.97     | 1.95       | 4.31    | ppb   |
| Boron      | 11-1  | 2.02     | 2.11     | 2.04     | 2.06       | 2.26    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.07     | 0.17     | 0.15       | 47.68   | ppb   |
| Cadmium    | 106-1 | -0.70    | -1.66    | -1.26    | -1.21      |         | ppb   |
| Cadmium    | 108-1 | 0.67     | 0.59     | 0.56     | 0.61       | 9.00    | ppb   |
| Calcium    | 43-1  | 2299.15  | 2373.71  | 2324.08  | 2332.31    | 1.63    | ppb   |
| Calcium    | 44-1  | 2313.87  | 2373.36  | 2344.05  | 2343.76    | 1.27    | ppb   |
| Chromium   | 52-2  | 28.85    | 29.39    | 29.06    | 29.10      | 0.92    | ppb   |
| Cobalt     | 59-2  | 8.55     | 8.60     | 8.52     | 8.56       | 0.47    | ppb   |
| Copper     | 63-2  | 117.69   | 117.79   | 117.92   | 117.80     | 0.10    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 45318.26 | 45820.91 | 44835.05 | 45324.74   | 1.09    | ppb   |
| Iron       | 57-2  | 44951.69 | 45173.17 | 44911.15 | 45012.01   | 0.31    | ppb   |
| Lead       | 206-1 | 4597.90  | 4607.63  | 4521.11  | 4575.55    | 1.04    | ppb   |
| Lead       | 207-1 | 4253.11  | 4234.16  | 4203.52  | 4230.26    | 0.59    | ppb   |
| Lead       | 208-1 | 4393.70  | 4400.66  | 4346.73  | 4380.36    | 0.67    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 1646.25  | 1651.03  | 1636.08  | 1644.45    | 0.46    | ppb   |
| Manganese  | 55-2  | 181.63   | 182.99   | 180.83   | 181.82     | 0.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.51    | 2.45    | 2.45    | 2.47       | 1.39    | ppb   |
| Molybdenum | 95-1  | 1.55    | 1.58    | 1.51    | 1.55       | 2.26    | ppb   |
| Molybdenum | 96-1  | 1.83    | 1.83    | 1.87    | 1.84       | 1.05    | ppb   |
| Molybdenum | 97-1  | 1.50    | 1.52    | 1.61    | 1.54       | 3.97    | ppb   |
| Molybdenum | 98-1  | 1.57    | 1.51    | 1.50    | 1.52       | 2.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 20.08   | 20.61   | 20.34   | 20.34      | 1.32    | ppb   |
| Phosphorus | 31-2  | 169.39  | 169.62  | 180.43  | 173.14     | 3.64    | ppb   |
| Potassium  | 39-2  | 932.83  | 938.72  | 925.40  | 932.32     | 0.72    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 12.39   | 7.79    | 10.13   | 10.10      | 22.75   | ppb   |
| Selenium   | 78-2  | 1.74    | 1.82    | 2.05    | 1.87       | 8.55    | ppb   |
| Selenium   | 82-1  | 1.23    | -0.44   | 1.43    | 0.74       | 138.09  | ppb   |
| Silicon    | 28-1  | 3027.37 | 3111.79 | 3058.30 | 3065.82    | 1.39    | ppb   |
| Silver     | 109-1 | 0.28    | 0.32    | 0.34    | 0.31       | 9.66    | ppb   |
| Silver     | 107-1 | 0.27    | 0.28    | 0.33    | 0.29       | 10.37   | ppb   |
| Sodium     | 23-2  | 219.31  | 218.72  | 218.96  | 219.00     | 0.13    | ppb   |
| Strontium  | 86-1  | 12.67   | 12.45   | 12.82   | 12.65      | 1.50    | ppb   |
| Strontium  | 88-1  | 13.06   | 12.87   | 12.76   | 12.90      | 1.17    | ppb   |
| Sulfur     | 34-1  | -92.84  | 221.98  | 12.43   | 47.19      | 339.60  | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.12    | 0.12    | 0.14    | 0.13       | 8.51    | ppb   |
| Thallium   | 205-1 | 0.11    | 0.11    | 0.12    | 0.11       | 3.17    | ppb   |
| Tin        | 118-1 | 3.89    | 3.90    | 4.01    | 3.93       | 1.71    | ppb   |
| Titanium   | 47-1  | 66.76   | 68.98   | 66.94   | 67.56      | 1.82    | ppb   |
| Uranium    | 238-1 | 0.83    | 0.83    | 0.82    | 0.83       | 0.75    | ppb   |
| Vanadium   | 51-2  | 41.96   | 42.42   | 42.38   | 42.25      | 0.60    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 78.61   | 79.31   | 77.15   | 78.35      | 1.41    | ppb   |
| Zirconium  | 90-1  | 3.03    | 2.94    | 3.01    | 2.99       | 1.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.03    | 2.88    | 2.95    | 2.95       | 2.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 190.25  | 188.54  | 183.16  | 187.32     | 1.98    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.09    | 0.08       | 24.18   | ppb   |
| Arsenic    | 75-2  | 0.67    | 0.74    | 0.68    | 0.69       | 5.73    | ppb   |
| Barium     | 135-1 | 4.41    | 4.48    | 4.57    | 4.49       | 1.74    | ppb   |
| Barium     | 137-1 | 4.37    | 4.54    | 4.60    | 4.50       | 2.59    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.01    | 0.02       | 56.27   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 0.64    | 0.66    | 0.35    | 0.55       | 31.57   | ppb   |
| Boron      | 11-1  | 0.44    | 0.33    | 0.49    | 0.42       | 19.61   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.06    | 0.05    | 0.04       | 87.64   | ppb   |
| Cadmium    | 106-1 | -2.03   | -1.57   | -1.35   | -1.65      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.06    | 0.15    | 0.12       | 43.67   | ppb   |
| Calcium    | 43-1  | 2721.80 | 2710.44 | 2685.72 | 2705.99    | 0.68    | ppb   |
| Calcium    | 44-1  | 2731.56 | 2720.32 | 2710.58 | 2720.82    | 0.39    | ppb   |
| Chromium   | 52-2  | 1.07    | 1.09    | 1.04    | 1.07       | 2.16    | ppb   |
| Cobalt     | 59-2  | 0.39    | 0.39    | 0.39    | 0.39       | 1.17    | ppb   |
| Copper     | 63-2  | 2.87    | 2.76    | 2.83    | 2.82       | 1.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 1596.00 | 1589.34 | 1593.81 | 1593.05    | 0.21    | ppb   |
| Iron       | 57-2  | 1555.68 | 1571.21 | 1569.00 | 1565.30    | 0.54    | ppb   |
| Lead       | 206-1 | 277.38  | 277.42  | 276.77  | 277.19     | 0.13    | ppb   |
| Lead       | 207-1 | 256.19  | 254.25  | 256.70  | 255.71     | 0.50    | ppb   |
| Lead       | 208-1 | 269.90  | 269.17  | 272.00  | 270.36     | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 1281.10 | 1294.00 | 1287.08 | 1287.40    | 0.50    | ppb   |
| Manganese  | 55-2  | 65.27   | 65.19   | 66.03   | 65.50      | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.08    | 0.08    | 0.07       | 24.05   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.10    | 0.11    | 0.09       | 28.20   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.10    | 0.10    | 0.09       | 23.01   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.11    | 0.10    | 0.09       | 30.27   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.08    | 0.11    | 0.09       | 14.19   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.03    | 1.05    | 1.04    | 1.04       | 0.70    | ppb   |
| Phosphorus | 31-2  | 22.42   | 27.17   | 18.13   | 22.57      | 20.03   | ppb   |
| Potassium  | 39-2  | 46.75   | 41.01   | 46.48   | 44.74      | 7.24    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 0.55    | 0.28    | 0.00    | 0.28       | 100.03  | ppb   |
| Selenium   | 78-2  | 0.72    | 0.54    | 0.28    | 0.52       | 42.60   | ppb   |
| Selenium   | 82-1  | -0.28   | 0.47    | -0.17   | 0.01       | 3933.17 | ppb   |
| Silicon    | 28-1  | 143.02  | 142.21  | 144.31  | 143.18     | 0.74    | ppb   |
| Silver     | 109-1 | 0.08    | 0.07    | 0.06    | 0.07       | 13.24   | ppb   |
| Silver     | 107-1 | 0.07    | 0.07    | 0.06    | 0.07       | 13.43   | ppb   |
| Sodium     | 23-2  | 26.76   | 24.90   | 27.24   | 26.30      | 4.70    | ppb   |
| Strontium  | 86-1  | 1.81    | 1.99    | 1.98    | 1.93       | 5.20    | ppb   |
| Strontium  | 88-1  | 1.99    | 1.96    | 1.97    | 1.98       | 0.67    | ppb   |
| Sulfur     | 34-1  | -223.39 | -350.22 | -351.01 | -308.21    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 119.69  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.16    | 0.15    | 0.16    | 0.16       | 2.27    | ppb   |
| Titanium   | 47-1  | 2.37    | 2.15    | 2.24    | 2.25       | 4.91    | ppb   |
| Uranium    | 238-1 | 0.07    | 0.07    | 0.07    | 0.07       | 6.60    | ppb   |
| Vanadium   | 51-2  | 1.07    | 1.09    | 1.05    | 1.07       | 1.73    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 31.94   | 33.32   | 32.94   | 32.74      | 2.18    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.06    | 0.06    | 0.06       | 3.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.03    | 0.06    | 0.05       | 26.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 678.02  | 682.89  | 698.60  | 686.50     | 1.57    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.06    | 0.05       | 21.04   | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.32    | 0.29    | 0.33       | 12.25   | ppb   |
| Barium     | 135-1 | 5.36    | 5.37    | 5.40    | 5.38       | 0.38    | ppb   |
| Barium     | 137-1 | 5.28    | 5.20    | 5.18    | 5.22       | 0.99    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.05    | 0.04    | 0.04       | 23.66   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 0.35    | 0.31    | 0.11    | 0.26       | 49.95   | ppb   |
| Boron      | 11-1  | 0.29    | 0.43    | 0.21    | 0.31       | 35.06   | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.14   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.89   | -1.87   | -1.16   | -1.64      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.06    | 0.03    | 0.06       | 36.76   | ppb   |
| Calcium    | 43-1  | 133.08  | 137.58  | 147.40  | 139.35     | 5.25    | ppb   |
| Calcium    | 44-1  | 135.46  | 139.03  | 132.14  | 135.54     | 2.54    | ppb   |
| Chromium   | 52-2  | 1.39    | 1.46    | 1.42    | 1.42       | 2.33    | ppb   |
| Cobalt     | 59-2  | 0.40    | 0.41    | 0.42    | 0.41       | 2.14    | ppb   |
| Copper     | 63-2  | 3.61    | 3.70    | 3.73    | 3.68       | 1.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 1935.82 | 1919.72 | 1946.90 | 1934.15    | 0.71    | ppb   |
| Iron       | 57-2  | 1899.49 | 1898.70 | 1923.56 | 1907.25    | 0.74    | ppb   |
| Lead       | 206-1 | 143.34  | 144.35  | 143.21  | 143.63     | 0.43    | ppb   |
| Lead       | 207-1 | 131.86  | 133.24  | 132.30  | 132.47     | 0.53    | ppb   |
| Lead       | 208-1 | 138.49  | 139.94  | 138.64  | 139.02     | 0.58    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 90.23   | 86.44   | 90.28   | 88.98      | 2.48    | ppb   |
| Manganese  | 55-2  | 8.11    | 8.14    | 8.24    | 8.16       | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.12    | 0.13    | 0.12       | 6.07    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.06    | 0.06       | 7.17    | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.07    | 0.07       | 7.34    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.05    | 0.04       | 13.71   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.04    | 0.06    | 0.04       | 44.28   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.88    | 0.85    | 0.89    | 0.87       | 2.58    | ppb   |
| Phosphorus | 31-2  | 22.54   | 10.97   | 30.65   | 21.39      | 46.26   | ppb   |
| Potassium  | 39-2  | 68.10   | 64.69   | 67.81   | 66.86      | 2.83    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 0.00    | 1.11    | 0.28    | 0.46       | 125.08  | ppb   |
| Selenium   | 78-2  | 0.31    | 0.65    | 0.27    | 0.41       | 50.87   | ppb   |
| Selenium   | 82-1  | 0.33    | 0.44    | -0.56   | 0.07       | 760.66  | ppb   |
| Silicon    | 28-1  | 271.93  | 276.11  | 264.29  | 270.78     | 2.21    | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.04    | 0.03       | 6.94    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.03       | 15.25   | ppb   |
| Sodium     | 23-2  | 26.34   | 24.56   | 25.32   | 25.41      | 3.51    | ppb   |
| Strontium  | 86-1  | 0.73    | 0.69    | 0.70    | 0.70       | 2.97    | ppb   |
| Strontium  | 88-1  | 0.74    | 0.78    | 0.74    | 0.75       | 2.97    | ppb   |
| Sulfur     | 34-1  | -67.58  | 36.80   | -223.46 | -84.75     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| 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 | 0.12    | 0.12    | 0.12    | 0.12       | 1.98    | ppb   |
| Titanium   | 47-1  | 3.56    | 3.22    | 3.23    | 3.34       | 5.87    | ppb   |
| Uranium    | 238-1 | 0.03    | 0.04    | 0.04    | 0.04       | 13.67   | ppb   |
| Vanadium   | 51-2  | 2.36    | 2.30    | 2.26    | 2.31       | 2.08    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 3.47    | 3.71    | 3.48    | 3.55       | 3.82    | ppb   |
| Zirconium  | 90-1  | 0.16    | 0.15    | 0.15    | 0.15       | 3.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.15    | 0.16    | 0.16    | 0.16       | 5.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 594.58  | 593.52  | 598.88  | 595.66     | 0.48    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 12.42   | ppb   |
| Arsenic    | 75-2  | 0.39    | 0.37    | 0.30    | 0.35       | 13.06   | ppb   |
| Barium     | 135-1 | 4.39    | 4.30    | 4.44    | 4.38       | 1.66    | ppb   |
| Barium     | 137-1 | 4.56    | 4.23    | 4.38    | 4.39       | 3.75    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.04    | 0.04       | 15.83   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | -0.16   | 0.07    | -0.07   | -0.05      |         | ppb   |
| Boron      | 11-1  | 0.18    | 0.05    | 0.15    | 0.13       | 50.42   | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.17   | -0.12   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -2.58   | -2.10   | -1.60   | -2.09      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.00    | -0.04   | 0.00       | 826.28  | ppb   |
| Calcium    | 43-1  | 116.84  | 118.91  | 118.97  | 118.24     | 1.02    | ppb   |
| Calcium    | 44-1  | 113.02  | 114.10  | 115.03  | 114.05     | 0.88    | ppb   |
| Chromium   | 52-2  | 1.44    | 1.41    | 1.48    | 1.44       | 2.35    | ppb   |
| Cobalt     | 59-2  | 0.40    | 0.40    | 0.43    | 0.41       | 3.86    | ppb   |
| Copper     | 63-2  | 5.77    | 5.64    | 5.62    | 5.68       | 1.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2275.83 | 2269.73 | 2283.09 | 2276.22    | 0.29    | ppb   |
| Iron       | 57-2  | 2221.52 | 2226.95 | 2237.61 | 2228.69    | 0.37    | ppb   |
| Lead       | 206-1 | 218.62  | 219.67  | 218.57  | 218.95     | 0.28    | ppb   |
| Lead       | 207-1 | 201.58  | 201.00  | 202.24  | 201.61     | 0.31    | ppb   |
| Lead       | 208-1 | 211.82  | 211.93  | 212.30  | 212.02     | 0.12    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 83.02   | 82.26   | 82.99   | 82.76      | 0.52    | ppb   |
| Manganese  | 55-2  | 9.32    | 9.15    | 9.22    | 9.23       | 0.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.11    | 0.12    | 0.12       | 5.66    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.07    | 0.08    | 0.07       | 12.92   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.09    | 0.10    | 0.09       | 14.54   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.07    | 0.10    | 0.08       | 23.24   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.08    | 0.10    | 0.08       | 21.25   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.06    | 1.00    | 1.06    | 1.04       | 3.49    | ppb   |
| Phosphorus | 31-2  | 10.59   | 2.07    | 5.59    | 6.08       | 70.39   | ppb   |
| Potassium  | 39-2  | 61.23   | 56.98   | 61.52   | 59.91      | 4.25    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 0.28    | 1.11    | 0.82    | 0.74       | 57.38   | ppb   |
| Selenium   | 78-2  | 0.97    | -0.27   | 0.78    | 0.50       | 134.93  | ppb   |
| Selenium   | 82-1  | 0.37    | -0.54   | -0.44   | -0.20      |         | ppb   |
| Silicon    | 28-1  | 193.03  | 193.11  | 194.10  | 193.41     | 0.31    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.50   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.02       | 22.50   | ppb   |
| Sodium     | 23-2  | 20.35   | 19.95   | 20.31   | 20.21      | 1.09    | ppb   |
| Strontium  | 86-1  | 0.63    | 0.65    | 0.65    | 0.64       | 2.29    | ppb   |
| Strontium  | 88-1  | 0.65    | 0.64    | 0.66    | 0.65       | 1.70    | ppb   |
| Sulfur     | 34-1  | -190.69 | -138.20 | -76.66  | -135.18    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 104.80  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 86.98   | ppb   |
| Tin        | 118-1 | 0.21    | 0.19    | 0.21    | 0.20       | 6.02    | ppb   |
| Titanium   | 47-1  | 3.37    | 3.26    | 3.09    | 3.24       | 4.32    | ppb   |
| Uranium    | 238-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.68    | ppb   |
| Vanadium   | 51-2  | 2.15    | 2.12    | 2.11    | 2.12       | 1.00    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 4.41    | 3.89    | 4.19    | 4.16       | 6.29    | ppb   |
| Zirconium  | 90-1  | 0.15    | 0.15    | 0.16    | 0.16       | 4.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.15    | 0.15    | 0.16    | 0.15       | 3.85    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9606.29  | 9544.13  | 9487.76  | 9546.06    | 0.62    | ppb   |
| Antimony   | 121-1 | 491.27   | 479.98   | 472.70   | 481.32     | 1.94    | ppb   |
| Arsenic    | 75-2  | 509.69   | 510.96   | 502.53   | 507.73     | 0.90    | ppb   |
| Barium     | 135-1 | 2444.82  | 2430.13  | 2404.78  | 2426.58    | 0.83    | ppb   |
| Barium     | 137-1 | 2453.52  | 2419.77  | 2407.30  | 2426.87    | 0.99    | ppb   |
| Beryllium  | 9-1   | 505.65   | 508.31   | 508.29   | 507.42     | 0.30    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 498.80   | 499.98   | 506.82   | 501.86     | 0.86    | ppb   |
| Boron      | 11-1  | 491.37   | 499.24   | 502.11   | 497.57     | 1.12    | ppb   |
| Cadmium    | 111-1 | 498.00   | 488.08   | 491.60   | 492.56     | 1.02    | ppb   |
| Cadmium    | 106-1 | 488.17   | 486.36   | 481.67   | 485.40     | 0.69    | ppb   |
| Cadmium    | 108-1 | 491.32   | 475.33   | 487.45   | 484.70     | 1.72    | ppb   |
| Calcium    | 43-1  | 48119.16 | 48410.69 | 48482.58 | 48337.48   | 0.40    | ppb   |
| Calcium    | 44-1  | 48308.89 | 48786.27 | 48649.78 | 48581.65   | 0.51    | ppb   |
| Chromium   | 52-2  | 497.85   | 489.95   | 497.88   | 495.23     | 0.92    | ppb   |
| Cobalt     | 59-2  | 498.87   | 494.66   | 495.65   | 496.39     | 0.44    | ppb   |
| Copper     | 63-2  | 993.53   | 997.55   | 999.28   | 996.79     | 0.30    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 25169.33 | 25171.72 | 24974.45 | 25105.17   | 0.45    | ppb   |
| Iron       | 57-2  | 24535.61 | 24707.24 | 24703.44 | 24648.76   | 0.40    | ppb   |
| Lead       | 206-1 | 472.28   | 468.80   | 469.63   | 470.24     | 0.39    | ppb   |
| Lead       | 207-1 | 475.25   | 470.30   | 468.79   | 471.45     | 0.72    | ppb   |
| Lead       | 208-1 | 479.06   | 476.18   | 475.04   | 476.76     | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 50603.07 | 49548.25 | 50406.06 | 50185.79   | 1.12    | ppb   |
| Manganese  | 55-2  | 994.66   | 990.01   | 991.62   | 992.10     | 0.24    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 475.16   | 481.11   | 466.26   | 474.17     | 1.58    | ppb   |
| Molybdenum | 95-1  | 470.62   | 469.71   | 460.92   | 467.08     | 1.15    | ppb   |
| Molybdenum | 96-1  | 469.31   | 465.30   | 458.15   | 464.25     | 1.22    | ppb   |
| Molybdenum | 97-1  | 473.05   | 472.04   | 462.97   | 469.35     | 1.18    | ppb   |
| Molybdenum | 98-1  | 478.16   | 480.70   | 467.67   | 475.51     | 1.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.94   | 493.70   | 497.98   | 496.87     | 0.56    | ppb   |
| Phosphorus | 31-2  | 10382.44 | 10052.47 | 10039.30 | 10158.07   | 1.91    | ppb   |
| Potassium  | 39-2  | 24610.65 | 24786.38 | 24828.41 | 24741.81   | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 498.74   | 515.51   | 492.00   | 502.08     | 2.41    | ppb   |
| Selenium   | 78-2  | 505.78   | 511.83   | 504.68   | 507.43     | 0.76    | ppb   |
| Selenium   | 82-1  | 477.69   | 485.59   | 473.14   | 478.81     | 1.32    | ppb   |
| Silicon    | 28-1  | 493.30   | 510.40   | 512.02   | 505.24     | 2.05    | ppb   |
| Silver     | 109-1 | 499.66   | 486.55   | 496.61   | 494.27     | 1.39    | ppb   |
| Silver     | 107-1 | 499.23   | 488.55   | 493.12   | 493.64     | 1.09    | ppb   |
| Sodium     | 23-2  | 50738.23 | 50075.06 | 49920.94 | 50244.74   | 0.86    | ppb   |
| Strontium  | 86-1  | 476.26   | 480.37   | 471.11   | 475.91     | 0.97    | ppb   |
| Strontium  | 88-1  | 483.36   | 484.99   | 482.53   | 483.63     | 0.26    | ppb   |
| Sulfur     | 34-1  | 9596.10  | 9763.13  | 9572.35  | 9643.86    | 1.08    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 483.77   | 482.00   | 478.21   | 481.33     | 0.59    | ppb   |
| Thallium   | 205-1 | 483.58   | 482.94   | 483.25   | 483.26     | 0.07    | ppb   |
| Tin        | 118-1 | 495.12   | 489.60   | 486.73   | 490.49     | 0.87    | ppb   |
| Titanium   | 47-1  | 481.36   | 480.46   | 484.15   | 481.99     | 0.40    | ppb   |
| Uranium    | 238-1 | 482.90   | 478.53   | 475.88   | 479.10     | 0.74    | ppb   |
| Vanadium   | 51-2  | 500.38   | 493.20   | 494.15   | 495.91     | 0.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 987.47   | 996.04   | 990.23   | 991.25     | 0.44    | ppb   |
| Zirconium  | 90-1  | 479.63   | 483.59   | 476.29   | 479.84     | 0.76    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 473.67  | 474.91  | 466.81  | 471.80     | 0.92    | ppb   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : CCB076 Instrumnet Name : P7  
 Client Sample ID : CCB076 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 14:13:18 DataFile Name : 025CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | 0.34    | 0.01    | 0.07       | 359.44  | ppb   |
| Antimony   | 121-1 | 0.83    | 1.11    | 1.41    | 1.12       | 26.21   | ppb   |
| Arsenic    | 75-2  | 0.11    | 0.10    | 0.14    | 0.12       | 17.33   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.02    | 0.01    | 0.01       | 159.97  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 3.15    | 3.17    | 2.71    | 3.01       | 8.60    | ppb   |
| Boron      | 11-1  | 3.19    | 2.95    | 2.91    | 3.02       | 4.99    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.16   | -0.12   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.63   | -1.95   | -1.42   | -1.66      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4.43    | 9.64    | 7.89    | 7.32       | 36.22   | ppb   |
| Calcium    | 44-1  | -0.19   | 0.02    | -1.25   | -0.47      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.30   | -0.29   | -0.26   | -0.28      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 0.58    | 0.54    | 0.65    | 0.59       | 9.46    | ppb   |
| Iron       | 57-2  | 0.65    | 1.08    | 0.72    | 0.81       | 28.73   | ppb   |
| Lead       | 206-1 | 0.09    | 0.10    | 0.10    | 0.10       | 6.74    | ppb   |
| Lead       | 207-1 | 0.13    | 0.10    | 0.13    | 0.12       | 15.51   | ppb   |
| Lead       | 208-1 | 0.11    | 0.11    | 0.11    | 0.11       | 4.16    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 0.36    | 0.39    | 0.32    | 0.36       | 9.64    | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 328.53  | ppb   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : CCB076 Instrumnet Name : P7  
 Client Sample ID : CCB076 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 14:13:18 DataFile Name : 025CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.08    | 0.08    | 0.07       | 26.68   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.18    | 0.24    | 0.18       | 36.72   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.15    | 0.23    | 0.16       | 42.56   | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.20    | 0.29    | 0.20       | 41.46   | ppb   |
| Molybdenum | 98-1  | 0.14    | 0.19    | 0.27    | 0.20       | 32.92   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 9.98    | -1.34   | 10.15   | 6.26       | 105.14  | ppb   |
| Potassium  | 39-2  | 12.84   | 10.40   | 12.33   | 11.86      | 10.85   | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 1.41    | 0.00    | 0.84    | 0.75       | 94.45   | ppb   |
| Selenium   | 78-2  | -0.32   | 0.38    | -0.10   | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.80    | 0.59    | -0.28   | 0.37       | 153.53  | ppb   |
| Silicon    | 28-1  | -3.78   | -3.23   | -3.95   | -3.65      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 42.35   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.01       | 54.68   | ppb   |
| Sodium     | 23-2  | 10.07   | 10.03   | 9.31    | 9.81       | 4.35    | ppb   |
| Strontium  | 86-1  | -0.01   | -0.06   | 0.03    | -0.01      |         | ppb   |
| Strontium  | 88-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | 173.58  | 430.25  | 237.03  | 280.29     | 47.70   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.03    | 0.01    | 0.01    | 0.02       | 55.70   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 15.47   | ppb   |
| Tin        | 118-1 | 0.04    | 0.05    | 0.09    | 0.06       | 46.58   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.03   | -0.06   | -0.03      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 0.24    | 0.28    | 0.20    | 0.24       | 17.39   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 26.88   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB076              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB076              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:13:18 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 37.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5250.67  | 5230.61  | 5313.75  | 5265.01    | 0.82    | ppb   |
| Antimony   | 121-1 | 1.58     | 1.68     | 1.72     | 1.66       | 4.38    | ppb   |
| Arsenic    | 75-2  | 51.26    | 50.86    | 51.76    | 51.29      | 0.88    | ppb   |
| Barium     | 135-1 | 141.54   | 142.65   | 139.96   | 141.38     | 0.96    | ppb   |
| Barium     | 137-1 | 143.33   | 141.44   | 141.00   | 141.92     | 0.87    | ppb   |
| Beryllium  | 9-1   | 0.69     | 0.60     | 0.60     | 0.63       | 8.06    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 4.15     | 3.93     | 3.68     | 3.92       | 5.97    | ppb   |
| Boron      | 11-1  | 3.78     | 3.66     | 3.80     | 3.75       | 2.13    | ppb   |
| Cadmium    | 111-1 | 0.54     | 0.62     | 0.53     | 0.56       | 8.98    | ppb   |
| Cadmium    | 106-1 | -1.42    | -0.51    | -1.87    | -1.27      |         | ppb   |
| Cadmium    | 108-1 | 0.93     | 1.16     | 1.04     | 1.04       | 11.11   | ppb   |
| Calcium    | 43-1  | 2162.42  | 2205.33  | 2177.03  | 2181.59    | 1.00    | ppb   |
| Calcium    | 44-1  | 2185.85  | 2203.27  | 2169.55  | 2186.22    | 0.77    | ppb   |
| Chromium   | 52-2  | 35.45    | 35.85    | 35.60    | 35.63      | 0.56    | ppb   |
| Cobalt     | 59-2  | 10.72    | 10.94    | 10.96    | 10.87      | 1.22    | ppb   |
| Copper     | 63-2  | 79.36    | 79.56    | 80.23    | 79.72      | 0.57    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 50469.83 | 50075.50 | 50199.41 | 50248.25   | 0.40    | ppb   |
| Iron       | 57-2  | 50552.61 | 48256.35 | 48221.86 | 49010.28   | 2.73    | ppb   |
| Lead       | 206-1 | 49871.92 | 49437.45 | 49370.69 | 49560.02   | 0.55    | ppb   |
| Lead       | 207-1 | 47000.88 | 46855.77 | 47324.44 | 47060.36   | 0.51    | ppb   |
| Lead       | 208-1 | 48335.44 | 48414.85 | 48410.40 | 48386.90   | 0.09    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 993.15   | 996.28   | 991.38   | 993.60     | 0.25    | ppb   |
| Manganese  | 55-2  | 892.63   | 892.98   | 899.46   | 895.02     | 0.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.61    | 1.56    | 1.53    | 1.57       | 2.48    | ppb   |
| Molybdenum | 95-1  | 1.50    | 1.53    | 1.49    | 1.51       | 1.10    | ppb   |
| Molybdenum | 96-1  | 1.60    | 1.56    | 1.56    | 1.57       | 1.17    | ppb   |
| Molybdenum | 97-1  | 1.46    | 1.45    | 1.51    | 1.48       | 2.34    | ppb   |
| Molybdenum | 98-1  | 1.52    | 1.47    | 1.51    | 1.50       | 1.98    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 23.36   | 23.42   | 24.15   | 23.64      | 1.86    | ppb   |
| Phosphorus | 31-2  | 377.42  | 333.75  | 389.31  | 366.82     | 7.98    | ppb   |
| Potassium  | 39-2  | 966.66  | 957.47  | 965.21  | 963.11     | 0.51    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 11.68   | 9.16    | 11.40   | 10.75      | 12.86   | ppb   |
| Selenium   | 78-2  | 2.58    | 2.75    | 2.49    | 2.61       | 5.13    | ppb   |
| Selenium   | 82-1  | 1.47    | 1.61    | 1.79    | 1.62       | 9.73    | ppb   |
| Silicon    | 28-1  | 2935.01 | 2932.23 | 2887.97 | 2918.40    | 0.90    | ppb   |
| Silver     | 109-1 | 0.29    | 0.32    | 0.29    | 0.30       | 4.64    | ppb   |
| Silver     | 107-1 | 0.28    | 0.29    | 0.33    | 0.30       | 9.93    | ppb   |
| Sodium     | 23-2  | 95.94   | 94.73   | 95.78   | 95.48      | 0.69    | ppb   |
| Strontium  | 86-1  | 12.21   | 12.01   | 11.98   | 12.07      | 1.06    | ppb   |
| Strontium  | 88-1  | 12.35   | 12.20   | 12.34   | 12.30      | 0.67    | ppb   |
| Sulfur     | 34-1  | 4074.44 | 3924.06 | 3519.12 | 3839.21    | 7.48    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.10    | 0.11    | 0.10       | 6.82    | ppb   |
| Thallium   | 205-1 | 0.12    | 0.12    | 0.11    | 0.12       | 6.96    | ppb   |
| Tin        | 118-1 | 5.59    | 5.62    | 5.64    | 5.62       | 0.44    | ppb   |
| Titanium   | 47-1  | 48.05   | 47.64   | 46.92   | 47.54      | 1.20    | ppb   |
| Uranium    | 238-1 | 0.81    | 0.81    | 0.79    | 0.80       | 1.05    | ppb   |
| Vanadium   | 51-2  | 26.68   | 26.76   | 26.73   | 26.72      | 0.17    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 732.39  | 736.51  | 737.06  | 735.32     | 0.35    | ppb   |
| Zirconium  | 90-1  | 1.67    | 1.65    | 1.61    | 1.64       | 1.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.65    | 1.64    | 1.73    | 1.67       | 2.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5383.67  | 5381.01  | 5354.91  | 5373.20    | 0.30    | ppb   |
| Antimony   | 121-1 | 1.45     | 1.48     | 1.50     | 1.48       | 1.75    | ppb   |
| Arsenic    | 75-2  | 16.89    | 16.93    | 17.03    | 16.95      | 0.44    | ppb   |
| Barium     | 135-1 | 142.14   | 144.10   | 142.03   | 142.76     | 0.82    | ppb   |
| Barium     | 137-1 | 145.03   | 143.80   | 142.22   | 143.68     | 0.98    | ppb   |
| Beryllium  | 9-1   | 0.63     | 0.63     | 0.61     | 0.62       | 2.12    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.87     | 3.16     | 2.91     | 2.98       | 5.17    | ppb   |
| Boron      | 11-1  | 2.95     | 2.90     | 2.79     | 2.88       | 2.79    | ppb   |
| Cadmium    | 111-1 | 0.54     | 0.58     | 0.61     | 0.58       | 5.87    | ppb   |
| Cadmium    | 106-1 | -1.05    | -1.36    | -1.03    | -1.15      |         | ppb   |
| Cadmium    | 108-1 | 1.01     | 0.87     | 1.01     | 0.96       | 8.58    | ppb   |
| Calcium    | 43-1  | 2172.08  | 2138.79  | 2169.39  | 2160.09    | 0.86    | ppb   |
| Calcium    | 44-1  | 2209.85  | 2204.10  | 2197.48  | 2203.81    | 0.28    | ppb   |
| Chromium   | 52-2  | 36.69    | 36.56    | 36.36    | 36.54      | 0.45    | ppb   |
| Cobalt     | 59-2  | 11.07    | 11.22    | 11.13    | 11.14      | 0.65    | ppb   |
| Copper     | 63-2  | 81.50    | 81.62    | 82.83    | 81.98      | 0.90    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 52575.99 | 51534.63 | 51615.38 | 51908.67   | 1.12    | ppb   |
| Iron       | 57-2  | 52182.76 | 50563.41 | 51991.07 | 51579.08   | 1.72    | ppb   |
| Lead       | 206-1 | 50960.93 | 50396.18 | 50671.99 | 50676.37   | 0.56    | ppb   |
| Lead       | 207-1 | 47815.39 | 47269.80 | 47560.65 | 47548.61   | 0.57    | ppb   |
| Lead       | 208-1 | 49453.74 | 49003.70 | 49431.30 | 49296.25   | 0.51    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 1001.81  | 1003.39  | 1011.05  | 1005.42    | 0.49    | ppb   |
| Manganese  | 55-2  | 918.62   | 914.19   | 917.02   | 916.61     | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.54    | 1.56    | 1.52    | 1.54       | 1.23    | ppb   |
| Molybdenum | 95-1  | 1.42    | 1.53    | 1.50    | 1.48       | 4.06    | ppb   |
| Molybdenum | 96-1  | 1.59    | 1.62    | 1.63    | 1.61       | 1.31    | ppb   |
| Molybdenum | 97-1  | 1.38    | 1.53    | 1.50    | 1.47       | 5.55    | ppb   |
| Molybdenum | 98-1  | 1.46    | 1.50    | 1.46    | 1.48       | 1.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 24.45   | 24.42   | 24.57   | 24.48      | 0.32    | ppb   |
| Phosphorus | 31-2  | 373.38  | 370.08  | 384.06  | 375.84     | 1.94    | ppb   |
| Potassium  | 39-2  | 969.47  | 972.81  | 966.20  | 969.49     | 0.34    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 8.16    | 7.00    | 8.96    | 8.04       | 12.25   | ppb   |
| Selenium   | 78-2  | 2.88    | 2.43    | 2.85    | 2.72       | 9.13    | ppb   |
| Selenium   | 82-1  | 1.47    | 1.02    | 0.53    | 1.01       | 46.44   | ppb   |
| Silicon    | 28-1  | 2901.27 | 2952.40 | 2929.82 | 2927.83    | 0.88    | ppb   |
| Silver     | 109-1 | 0.35    | 0.40    | 0.39    | 0.38       | 6.66    | ppb   |
| Silver     | 107-1 | 0.34    | 0.38    | 0.39    | 0.37       | 6.57    | ppb   |
| Sodium     | 23-2  | 91.18   | 94.38   | 92.93   | 92.83      | 1.72    | ppb   |
| Strontium  | 86-1  | 12.28   | 12.24   | 12.52   | 12.35      | 1.23    | ppb   |
| Strontium  | 88-1  | 12.47   | 12.44   | 12.40   | 12.44      | 0.30    | ppb   |
| Sulfur     | 34-1  | 4078.04 | 4229.41 | 3452.06 | 3919.83    | 10.51   | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.00    | ppb   |
| Thallium   | 205-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.58    | ppb   |
| Tin        | 118-1 | 5.54    | 5.78    | 5.73    | 5.69       | 2.20    | ppb   |
| Titanium   | 47-1  | 48.20   | 47.09   | 46.97   | 47.42      | 1.44    | ppb   |
| Uranium    | 238-1 | 0.80    | 0.83    | 0.80    | 0.81       | 2.10    | ppb   |
| Vanadium   | 51-2  | 27.30   | 27.23   | 27.40   | 27.31      | 0.30    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 259.59  | 260.30  | 260.47  | 260.12     | 0.18    | ppb   |
| Zirconium  | 90-1  | 1.60    | 1.56    | 1.61    | 1.59       | 1.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.52    | 1.59    | 1.65    | 1.58       | 4.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:23:59 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 53.75   | 54.22   | 53.56   | 53.84      | 0.63    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.12    | 0.11       | 7.77    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.29    | 0.24    | 0.25       | 11.78   | ppb   |
| Barium     | 135-1 | 1.43    | 1.58    | 1.47    | 1.49       | 5.22    | ppb   |
| Barium     | 137-1 | 1.49    | 1.50    | 1.43    | 1.47       | 2.68    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 126.00  | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 94         |         | %     |
| Boron      | 10-1  | 0.56    | 0.90    | 0.76    | 0.74       | 23.10   | ppb   |
| Boron      | 11-1  | 0.74    | 0.59    | 0.64    | 0.66       | 11.55   | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.18   | -0.15   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.95   | -2.25   | -1.99   | -2.06      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.02   | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 27.21   | 24.39   | 30.91   | 27.50      | 11.89   | ppb   |
| Calcium    | 44-1  | 16.43   | 16.01   | 15.47   | 15.97      | 3.01    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.37    | 0.35    | 0.36       | 2.40    | ppb   |
| Cobalt     | 59-2  | 0.10    | 0.10    | 0.10    | 0.10       | 0.68    | ppb   |
| Copper     | 63-2  | 0.93    | 0.83    | 0.80    | 0.85       | 8.11    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 515.37  | 511.61  | 514.51  | 513.83     | 0.38    | ppb   |
| Iron       | 57-2  | 513.67  | 513.17  | 518.85  | 515.23     | 0.61    | ppb   |
| Lead       | 206-1 | 538.94  | 556.61  | 552.61  | 549.39     | 1.69    | ppb   |
| Lead       | 207-1 | 481.84  | 490.72  | 482.72  | 485.09     | 1.01    | ppb   |
| Lead       | 208-1 | 517.01  | 528.07  | 522.90  | 522.66     | 1.06    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 10.13   | 10.15   | 9.86    | 10.05      | 1.58    | ppb   |
| Manganese  | 55-2  | 9.32    | 9.34    | 9.39    | 9.35       | 0.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:23:59 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.03    | 0.02       | 24.34   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.05    | 0.06    | 0.04       | 85.42   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.04    | 0.07    | 0.04       | 63.28   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.05    | 0.06    | 0.04       | 56.42   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.07    | 0.05       | 39.64   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.24    | 0.24    | 0.22       | 14.08   | ppb   |
| Phosphorus | 31-2  | 19.25   | 12.83   | 13.06   | 15.05      | 24.22   | ppb   |
| Potassium  | 39-2  | 20.59   | 22.79   | 21.09   | 21.49      | 5.37    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.58    | 0.00    | 0.00    | 0.19       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.13   | -0.66   | -0.45   | -0.41      |         | ppb   |
| Selenium   | 82-1  | -0.08   | 0.23    | -0.28   | -0.04      |         | ppb   |
| Silicon    | 28-1  | 32.68   | 30.89   | 30.04   | 31.20      | 4.31    | ppb   |
| Silver     | 109-1 | 0.06    | 0.06    | 0.05    | 0.05       | 11.08   | ppb   |
| Silver     | 107-1 | 0.06    | 0.06    | 0.04    | 0.05       | 13.95   | ppb   |
| Sodium     | 23-2  | 12.85   | 12.04   | 11.56   | 12.15      | 5.34    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.03    | 0.07    | 0.06       | 53.18   | ppb   |
| Strontium  | 88-1  | 0.11    | 0.12    | 0.11    | 0.11       | 4.09    | ppb   |
| Sulfur     | 34-1  | 455.96  | 333.93  | 309.32  | 366.41     | 21.43   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.08    | 0.07       | 10.89   | ppb   |
| Titanium   | 47-1  | 0.51    | 0.54    | 0.43    | 0.49       | 10.92   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.28    | 0.27    | 0.24    | 0.26       | 6.84    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 2.94    | 3.02    | 2.93    | 2.96       | 1.74    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 25.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:23:59 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 24.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5053.65  | 5016.51  | 5002.89  | 5024.35    | 0.52    | ppb   |
| Antimony   | 121-1 | 1.68     | 1.64     | 1.64     | 1.65       | 1.36    | ppb   |
| Arsenic    | 75-2  | 17.78    | 17.06    | 17.56    | 17.47      | 2.09    | ppb   |
| Barium     | 135-1 | 133.66   | 132.78   | 132.46   | 132.97     | 0.47    | ppb   |
| Barium     | 137-1 | 133.79   | 132.28   | 132.27   | 132.78     | 0.66    | ppb   |
| Beryllium  | 9-1   | 0.60     | 0.53     | 0.55     | 0.56       | 6.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 1.90     | 1.94     | 2.01     | 1.95       | 2.75    | ppb   |
| Boron      | 11-1  | 1.98     | 2.04     | 1.83     | 1.95       | 5.61    | ppb   |
| Cadmium    | 111-1 | 0.57     | 0.61     | 0.49     | 0.55       | 11.10   | ppb   |
| Cadmium    | 106-1 | -0.79    | -0.65    | -2.01    | -1.15      |         | ppb   |
| Cadmium    | 108-1 | 0.74     | 0.84     | 0.79     | 0.79       | 6.59    | ppb   |
| Calcium    | 43-1  | 2157.93  | 2153.67  | 2144.45  | 2152.02    | 0.32    | ppb   |
| Calcium    | 44-1  | 2135.30  | 2150.30  | 2157.48  | 2147.69    | 0.53    | ppb   |
| Chromium   | 52-2  | 36.14    | 35.56    | 35.58    | 35.76      | 0.92    | ppb   |
| Cobalt     | 59-2  | 11.08    | 10.93    | 10.82    | 10.94      | 1.21    | ppb   |
| Copper     | 63-2  | 81.27    | 80.80    | 81.16    | 81.08      | 0.30    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 51650.65 | 50396.56 | 50753.75 | 50933.65   | 1.27    | ppb   |
| Iron       | 57-2  | 51825.07 | 50581.29 | 48467.52 | 50291.29   | 3.38    | ppb   |
| Lead       | 206-1 | 46427.26 | 45702.12 | 45609.48 | 45912.95   | 0.98    | ppb   |
| Lead       | 207-1 | 43942.06 | 44239.10 | 43450.21 | 43877.12   | 0.91    | ppb   |
| Lead       | 208-1 | 45366.40 | 45239.12 | 44784.33 | 45129.95   | 0.68    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 967.71   | 956.98   | 964.48   | 963.06     | 0.57    | ppb   |
| Manganese  | 55-2  | 903.81   | 895.34   | 900.64   | 899.93     | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.35    | 1.33    | 1.36    | 1.35       | 1.35    | ppb   |
| Molybdenum | 95-1  | 1.66    | 1.68    | 1.62    | 1.65       | 1.88    | ppb   |
| Molybdenum | 96-1  | 1.59    | 1.53    | 1.63    | 1.58       | 3.16    | ppb   |
| Molybdenum | 97-1  | 1.59    | 1.54    | 1.71    | 1.61       | 5.25    | ppb   |
| Molybdenum | 98-1  | 1.59    | 1.58    | 1.68    | 1.61       | 3.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 23.95   | 23.56   | 23.81   | 23.77      | 0.84    | ppb   |
| Phosphorus | 31-2  | 376.13  | 339.43  | 364.72  | 360.10     | 5.22    | ppb   |
| Potassium  | 39-2  | 919.47  | 914.63  | 912.75  | 915.61     | 0.38    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 7.15    | 10.18   | 9.69    | 9.01       | 18.06   | ppb   |
| Selenium   | 78-2  | 2.69    | 2.58    | 2.86    | 2.71       | 5.21    | ppb   |
| Selenium   | 82-1  | 1.53    | 0.94    | 1.15    | 1.21       | 24.42   | ppb   |
| Silicon    | 28-1  | 1049.86 | 1060.74 | 1056.60 | 1055.74    | 0.52    | ppb   |
| Silver     | 109-1 | 0.29    | 0.31    | 0.36    | 0.32       | 11.53   | ppb   |
| Silver     | 107-1 | 0.29    | 0.33    | 0.33    | 0.32       | 7.08    | ppb   |
| Sodium     | 23-2  | 94.18   | 88.72   | 92.48   | 91.79      | 3.05    | ppb   |
| Strontium  | 86-1  | 11.53   | 11.70   | 11.57   | 11.60      | 0.78    | ppb   |
| Strontium  | 88-1  | 11.93   | 11.83   | 11.91   | 11.89      | 0.45    | ppb   |
| Sulfur     | 34-1  | 3512.59 | 3448.31 | 3492.03 | 3484.31    | 0.94    | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.10    | 0.11    | 0.11    | 0.11       | 7.52    | ppb   |
| Thallium   | 205-1 | 0.11    | 0.11    | 0.11    | 0.11       | 0.77    | ppb   |
| Tin        | 118-1 | 6.32    | 6.34    | 6.15    | 6.27       | 1.64    | ppb   |
| Titanium   | 47-1  | 48.70   | 48.80   | 48.77   | 48.75      | 0.11    | ppb   |
| Uranium    | 238-1 | 0.80    | 0.78    | 0.78    | 0.79       | 1.81    | ppb   |
| Vanadium   | 51-2  | 27.20   | 26.59   | 26.59   | 26.79      | 1.32    | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 256.06  | 252.02  | 253.95  | 254.01     | 0.80    | ppb   |
| Zirconium  | 90-1  | 1.21    | 1.20    | 1.24    | 1.21       | 1.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.22    | 1.17    | 1.14    | 1.18       | 3.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 55.86   | 58.13   | 56.76   | 56.92      | 2.00    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.07    | 0.06       | 14.21   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.25    | 0.24    | 0.24       | 3.15    | ppb   |
| Barium     | 135-1 | 1.43    | 1.34    | 1.36    | 1.38       | 3.64    | ppb   |
| Barium     | 137-1 | 1.30    | 1.40    | 1.41    | 1.37       | 4.46    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 93         |         | %     |
| Boron      | 10-1  | 0.09    | 0.23    | 0.16    | 0.16       | 42.47   | ppb   |
| Boron      | 11-1  | 0.14    | 0.18    | 0.23    | 0.18       | 25.34   | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.23   | -0.20   | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -1.73   | -2.88   | -2.55   | -2.39      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 29.50   | 27.75   | 24.66   | 27.30      | 8.98    | ppb   |
| Calcium    | 44-1  | 13.21   | 14.49   | 13.90   | 13.87      | 4.62    | ppb   |
| Chromium   | 52-2  | 0.36    | 0.32    | 0.37    | 0.35       | 6.31    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.09    | 0.09    | 0.09       | 4.02    | ppb   |
| Copper     | 63-2  | 0.79    | 0.79    | 0.71    | 0.76       | 6.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 501.29  | 495.02  | 491.00  | 495.77     | 1.05    | ppb   |
| Iron       | 57-2  | 493.46  | 483.65  | 485.39  | 487.50     | 1.07    | ppb   |
| Lead       | 206-1 | 484.12  | 480.36  | 470.74  | 478.41     | 1.44    | ppb   |
| Lead       | 207-1 | 448.19  | 443.99  | 441.94  | 444.71     | 0.72    | ppb   |
| Lead       | 208-1 | 477.57  | 473.92  | 466.75  | 472.75     | 1.16    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 10.30   | 10.35   | 9.23    | 9.96       | 6.34    | ppb   |
| Manganese  | 55-2  | 9.25    | 9.11    | 9.00    | 9.12       | 1.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.03    | 0.02       | 42.81   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.04    | 0.05    | 0.04       | 35.98   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.04    | 0.04       | 20.99   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.03    | 0.06    | 0.04       | 69.98   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.04    | 0.03       | 41.85   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.17    | 0.27    | 0.22       | 24.33   | ppb   |
| Phosphorus | 31-2  | 2.24    | 15.27   | 9.49    | 9.00       | 72.56   | ppb   |
| Potassium  | 39-2  | 23.92   | 20.24   | 21.46   | 21.87      | 8.55    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.29    | 0.00    | 0.10       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.63    | 0.84    | 0.77    | 0.75       | 14.26   | ppb   |
| Selenium   | 82-1  | 0.01    | -0.66   | 0.27    | -0.13      |         | ppb   |
| Silicon    | 28-1  | 7.53    | 7.09    | 6.72    | 7.12       | 5.70    | ppb   |
| Silver     | 109-1 | 0.05    | 0.04    | 0.03    | 0.04       | 24.27   | ppb   |
| Silver     | 107-1 | 0.04    | 0.04    | 0.03    | 0.04       | 11.16   | ppb   |
| Sodium     | 23-2  | 10.63   | 10.59   | 9.46    | 10.23      | 6.53    | ppb   |
| Strontium  | 86-1  | -0.05   | 0.00    | 0.07    | 0.00       | 1481.05 | ppb   |
| Strontium  | 88-1  | 0.11    | 0.11    | 0.11    | 0.11       | 3.68    | ppb   |
| Sulfur     | 34-1  | 396.50  | 421.30  | 285.00  | 367.60     | 19.75   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.08    | 0.07    | 0.08    | 0.08       | 8.82    | ppb   |
| Titanium   | 47-1  | 0.57    | 0.51    | 0.43    | 0.50       | 14.83   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.28    | 0.26    | 0.28    | 0.28       | 3.75    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 3.01    | 3.17    | 2.81    | 3.00       | 5.97    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.01       | 45.79   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.01    | 0.01       | 97.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1122.69  | 1086.19  | 1103.16  | 1104.01    | 1.65    | ppb   |
| Antimony   | 121-1 | 0.28     | 0.28     | 0.32     | 0.29       | 7.05    | ppb   |
| Arsenic    | 75-2  | 3.53     | 3.68     | 3.49     | 3.57       | 2.67    | ppb   |
| Barium     | 135-1 | 30.50    | 29.99    | 33.12    | 31.21      | 5.38    | ppb   |
| Barium     | 137-1 | 30.55    | 30.01    | 33.40    | 31.32      | 5.81    | ppb   |
| Beryllium  | 9-1   | 0.14     | 0.11     | 0.11     | 0.12       | 13.97   | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 0.48     | 0.19     | 0.33     | 0.34       | 43.04   | ppb   |
| Boron      | 11-1  | 0.30     | 0.30     | 0.53     | 0.38       | 35.03   | ppb   |
| Cadmium    | 111-1 | 0.00     | -0.06    | -0.02    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -2.02    | -2.28    | -2.11    | -2.14      |         | ppb   |
| Cadmium    | 108-1 | 0.11     | 0.19     | 0.13     | 0.15       | 27.31   | ppb   |
| Calcium    | 43-1  | 470.04   | 450.15   | 507.06   | 475.75     | 6.07    | ppb   |
| Calcium    | 44-1  | 464.72   | 461.75   | 515.74   | 480.74     | 6.31    | ppb   |
| Chromium   | 52-2  | 7.62     | 7.51     | 7.62     | 7.58       | 0.85    | ppb   |
| Cobalt     | 59-2  | 2.39     | 2.25     | 2.25     | 2.30       | 3.44    | ppb   |
| Copper     | 63-2  | 16.79    | 16.68    | 17.02    | 16.83      | 1.01    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 10726.53 | 10514.31 | 10624.70 | 10621.85   | 1.00    | ppb   |
| Iron       | 57-2  | 10300.65 | 10124.64 | 10235.93 | 10220.41   | 0.87    | ppb   |
| Lead       | 206-1 | 10734.90 | 10690.13 | 11859.75 | 11094.93   | 5.97    | ppb   |
| Lead       | 207-1 | 9993.27  | 10023.90 | 11134.47 | 10383.88   | 6.26    | ppb   |
| Lead       | 208-1 | 10370.31 | 10349.29 | 11460.51 | 10726.70   | 5.93    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 207.63   | 211.64   | 208.09   | 209.12     | 1.05    | ppb   |
| Manganese  | 55-2  | 191.41   | 189.55   | 191.04   | 190.67     | 0.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.31    | 0.32    | 0.33    | 0.32       | 3.07    | ppb   |
| Molybdenum | 95-1  | 0.30    | 0.34    | 0.36    | 0.33       | 9.62    | ppb   |
| Molybdenum | 96-1  | 0.32    | 0.33    | 0.37    | 0.34       | 7.55    | ppb   |
| Molybdenum | 97-1  | 0.32    | 0.33    | 0.40    | 0.35       | 12.51   | ppb   |
| Molybdenum | 98-1  | 0.30    | 0.31    | 0.33    | 0.31       | 5.75    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.06    | 4.81    | 4.96    | 4.94       | 2.60    | ppb   |
| Phosphorus | 31-2  | 89.88   | 73.39   | 85.48   | 82.92      | 10.30   | ppb   |
| Potassium  | 39-2  | 210.16  | 201.20  | 209.45  | 206.94     | 2.41    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 2.62    | 3.19    | 2.30    | 2.70       | 16.79   | ppb   |
| Selenium   | 78-2  | 0.62    | 0.47    | 1.24    | 0.78       | 52.39   | ppb   |
| Selenium   | 82-1  | 0.19    | -0.02   | -1.03   | -0.29      |         | ppb   |
| Silicon    | 28-1  | 576.84  | 561.74  | 639.32  | 592.63     | 6.94    | ppb   |
| Silver     | 109-1 | 0.07    | 0.06    | 0.07    | 0.07       | 5.98    | ppb   |
| Silver     | 107-1 | 0.07    | 0.07    | 0.07    | 0.07       | 4.56    | ppb   |
| Sodium     | 23-2  | 22.61   | 23.10   | 22.92   | 22.88      | 1.09    | ppb   |
| Strontium  | 86-1  | 2.68    | 2.53    | 3.04    | 2.75       | 9.53    | ppb   |
| Strontium  | 88-1  | 2.67    | 2.63    | 2.93    | 2.74       | 5.97    | ppb   |
| Sulfur     | 34-1  | 964.15  | 766.42  | 1906.66 | 1212.41    | 50.26   | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 57.03   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 10.94   | ppb   |
| Tin        | 118-1 | 1.23    | 1.19    | 1.32    | 1.25       | 5.43    | ppb   |
| Titanium   | 47-1  | 10.46   | 9.73    | 11.58   | 10.59      | 8.79    | ppb   |
| Uranium    | 238-1 | 0.16    | 0.17    | 0.19    | 0.17       | 8.13    | ppb   |
| Vanadium   | 51-2  | 5.62    | 5.72    | 5.68    | 5.67       | 0.83    | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 53.43   | 53.15   | 54.46   | 53.68      | 1.29    | ppb   |
| Zirconium  | 90-1  | 0.32    | 0.35    | 0.35    | 0.34       | 4.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.32    | 0.35    | 0.32       | 8.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.49   | 10.71   | 12.09   | 11.43      | 6.06    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 16.30   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.04    | 0.04    | 0.05       | 23.33   | ppb   |
| Barium     | 135-1 | 0.26    | 0.26    | 0.30    | 0.27       | 7.85    | ppb   |
| Barium     | 137-1 | 0.33    | 0.26    | 0.28    | 0.29       | 13.33   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | -0.27   | -0.39   | -0.38   | -0.35      |         | ppb   |
| Boron      | 11-1  | -0.16   | -0.19   | -0.30   | -0.22      |         | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.25   | -0.17   | -0.22      |         | ppb   |
| Cadmium    | 106-1 | -3.01   | -3.13   | -2.06   | -2.73      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.08   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 8.52    | 9.74    | 7.31    | 8.52       | 14.27   | ppb   |
| Calcium    | 44-1  | -1.64   | -3.29   | -1.58   | -2.17      |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.05    | 0.08    | 0.06       | 29.56   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 24.33   | ppb   |
| Copper     | 63-2  | -0.10   | -0.05   | -0.02   | -0.06      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 100.94  | 100.33  | 101.83  | 101.04     | 0.75    | ppb   |
| Iron       | 57-2  | 95.92   | 105.05  | 107.24  | 102.74     | 5.85    | ppb   |
| Lead       | 206-1 | 107.45  | 105.22  | 104.79  | 105.82     | 1.35    | ppb   |
| Lead       | 207-1 | 99.15   | 97.33   | 97.88   | 98.12      | 0.95    | ppb   |
| Lead       | 208-1 | 104.14  | 102.65  | 102.13  | 102.97     | 1.02    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 2.37    | 2.81    | 1.52    | 2.23       | 29.39   | ppb   |
| Manganese  | 55-2  | 1.80    | 1.88    | 1.87    | 1.85       | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       | 1691.10 | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.07    | 0.04    | 0.05       | 33.32   | ppb   |
| Phosphorus | 31-2  | -2.89   | 17.01   | 1.10    | 5.07       | 207.53  | ppb   |
| Potassium  | 39-2  | 7.95    | 10.05   | 11.38   | 9.79       | 17.67   | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.07   | 0.80    | 0.10    | 0.28       | 166.49  | ppb   |
| Selenium   | 82-1  | -0.41   | 0.49    | -0.08   | 0.00       |         | ppb   |
| Silicon    | 28-1  | 3.20    | 2.42    | 2.19    | 2.60       | 20.36   | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 16.42   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 7.40    | ppb   |
| Sodium     | 23-2  | 4.93    | 4.12    | 4.01    | 4.35       | 11.47   | ppb   |
| Strontium  | 86-1  | -0.11   | -0.07   | -0.04   | -0.07      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 25.96   | ppb   |
| Sulfur     | 34-1  | 158.58  | 131.62  | 62.27   | 117.49     | 42.29   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.02    | 0.03    | 0.02       | 36.64   | ppb   |
| Titanium   | 47-1  | 0.11    | 0.06    | 0.10    | 0.09       | 31.28   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 3.17    | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 1.10    | 1.18    | 1.11    | 1.13       | 3.75    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 105.25  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.00    | 0.01    | 0.00       | 1282.13 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5282.50  | 5332.44  | 5265.85  | 5293.60    | 0.65    | ppb   |
| Antimony   | 121-1 | 19.93    | 20.17    | 20.20    | 20.10      | 0.75    | ppb   |
| Arsenic    | 75-2  | 25.09    | 24.97    | 24.23    | 24.76      | 1.89    | ppb   |
| Barium     | 135-1 | 478.12   | 484.04   | 483.34   | 481.83     | 0.67    | ppb   |
| Barium     | 137-1 | 485.17   | 491.41   | 490.91   | 489.16     | 0.71    | ppb   |
| Beryllium  | 9-1   | 10.08    | 10.13    | 9.92     | 10.04      | 1.13    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 1.15     | 1.40     | 1.06     | 1.20       | 14.43   | ppb   |
| Boron      | 11-1  | 1.05     | 1.24     | 1.42     | 1.24       | 15.07   | ppb   |
| Cadmium    | 111-1 | 9.38     | 9.69     | 9.63     | 9.57       | 1.70    | ppb   |
| Cadmium    | 106-1 | 5.46     | 6.00     | 5.55     | 5.67       | 5.12    | ppb   |
| Cadmium    | 108-1 | 9.63     | 8.76     | 8.71     | 9.03       | 5.75    | ppb   |
| Calcium    | 43-1  | 2147.98  | 2138.89  | 2100.60  | 2129.16    | 1.18    | ppb   |
| Calcium    | 44-1  | 2141.49  | 2126.46  | 2105.10  | 2124.35    | 0.86    | ppb   |
| Chromium   | 52-2  | 73.76    | 74.20    | 73.64    | 73.86      | 0.40    | ppb   |
| Cobalt     | 59-2  | 111.03   | 111.44   | 110.20   | 110.89     | 0.57    | ppb   |
| Copper     | 63-2  | 131.82   | 132.05   | 129.94   | 131.27     | 0.88    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 50360.72 | 49948.43 | 49662.61 | 49990.59   | 0.70    | ppb   |
| Iron       | 57-2  | 47781.66 | 47953.73 | 47972.06 | 47902.48   | 0.22    | ppb   |
| Lead       | 206-1 | 45687.80 | 44898.85 | 45926.83 | 45504.49   | 1.18    | ppb   |
| Lead       | 207-1 | 43306.97 | 43163.41 | 43038.06 | 43169.48   | 0.31    | ppb   |
| Lead       | 208-1 | 44529.35 | 44286.81 | 44482.16 | 44432.77   | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 941.49   | 939.96   | 948.48   | 943.31     | 0.48    | ppb   |
| Manganese  | 55-2  | 980.83   | 983.26   | 980.26   | 981.45     | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.32    | 1.33    | 1.29    | 1.31       | 1.32    | ppb   |
| Molybdenum | 95-1  | 1.57    | 1.69    | 1.58    | 1.61       | 4.06    | ppb   |
| Molybdenum | 96-1  | 1.60    | 1.60    | 1.56    | 1.59       | 1.15    | ppb   |
| Molybdenum | 97-1  | 1.66    | 1.68    | 1.62    | 1.66       | 1.90    | ppb   |
| Molybdenum | 98-1  | 1.61    | 1.68    | 1.59    | 1.63       | 2.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 125.00  | 124.68  | 123.36  | 124.35     | 0.70    | ppb   |
| Phosphorus | 31-2  | 301.62  | 324.47  | 371.95  | 332.68     | 10.78   | ppb   |
| Potassium  | 39-2  | 891.63  | 906.84  | 905.69  | 901.39     | 0.94    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 30.85   | 36.89   | 30.05   | 32.60      | 11.47   | ppb   |
| Selenium   | 78-2  | 22.81   | 21.33   | 21.30   | 21.82      | 3.96    | ppb   |
| Selenium   | 82-1  | 18.72   | 18.57   | 17.35   | 18.21      | 4.11    | ppb   |
| Silicon    | 28-1  | 999.10  | 989.83  | 989.26  | 992.73     | 0.56    | ppb   |
| Silver     | 109-1 | 8.55    | 8.74    | 8.67    | 8.65       | 1.11    | ppb   |
| Silver     | 107-1 | 8.48    | 8.69    | 8.80    | 8.66       | 1.85    | ppb   |
| Sodium     | 23-2  | 76.02   | 75.97   | 75.78   | 75.92      | 0.17    | ppb   |
| Strontium  | 86-1  | 11.85   | 11.87   | 11.68   | 11.80      | 0.92    | ppb   |
| Strontium  | 88-1  | 11.87   | 11.83   | 11.88   | 11.86      | 0.20    | ppb   |
| Sulfur     | 34-1  | 3186.42 | 3100.56 | 3071.54 | 3119.51    | 1.91    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 8.31    | 8.13    | 8.33    | 8.26       | 1.30    | ppb   |
| Thallium   | 205-1 | 8.43    | 8.26    | 8.39    | 8.36       | 1.10    | ppb   |
| Tin        | 118-1 | 6.11    | 6.19    | 6.24    | 6.18       | 1.03    | ppb   |
| Titanium   | 47-1  | 48.49   | 48.02   | 47.54   | 48.02      | 0.98    | ppb   |
| Uranium    | 238-1 | 0.79    | 0.78    | 0.77    | 0.78       | 0.71    | ppb   |
| Vanadium   | 51-2  | 122.98  | 122.66  | 121.87  | 122.50     | 0.47    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 353.75  | 350.78  | 345.90  | 350.14     | 1.13    | ppb   |
| Zirconium  | 90-1  | 1.20    | 1.24    | 1.24    | 1.23       | 1.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.19    | 1.23    | 1.22    | 1.21       | 1.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 58.21   | 55.62   | 57.98   | 57.27      | 2.50    | ppb   |
| Antimony   | 121-1 | 0.20    | 0.23    | 0.24    | 0.22       | 8.67    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.26    | 0.27    | 0.27       | 2.76    | ppb   |
| Barium     | 135-1 | 4.84    | 5.18    | 5.10    | 5.04       | 3.47    | ppb   |
| Barium     | 137-1 | 5.06    | 4.99    | 5.14    | 5.06       | 1.48    | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.07    | 0.13    | 0.11       | 29.85   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | -0.14   | -0.04   | 0.09    | -0.03      |         | ppb   |
| Boron      | 11-1  | -0.06   | 0.08    | -0.02   | 0.00       | 4486.99 | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.09   | -0.02   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -2.05   | -2.02   | -1.48   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.03    | 0.03       | 42.06   | ppb   |
| Calcium    | 43-1  | 23.98   | 21.49   | 27.53   | 24.33      | 12.46   | ppb   |
| Calcium    | 44-1  | 13.18   | 13.71   | 13.71   | 13.54      | 2.27    | ppb   |
| Chromium   | 52-2  | 0.72    | 0.74    | 0.72    | 0.73       | 1.72    | ppb   |
| Cobalt     | 59-2  | 1.14    | 1.10    | 1.08    | 1.10       | 2.71    | ppb   |
| Copper     | 63-2  | 1.25    | 1.27    | 1.22    | 1.25       | 2.15    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 498.51  | 493.84  | 492.34  | 494.90     | 0.65    | ppb   |
| Iron       | 57-2  | 492.93  | 483.01  | 491.19  | 489.05     | 1.08    | ppb   |
| Lead       | 206-1 | 471.97  | 471.36  | 462.27  | 468.53     | 1.16    | ppb   |
| Lead       | 207-1 | 438.45  | 438.60  | 435.26  | 437.44     | 0.43    | ppb   |
| Lead       | 208-1 | 466.62  | 465.89  | 461.35  | 464.62     | 0.62    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 10.12   | 10.63   | 9.05    | 9.94       | 8.14    | ppb   |
| Manganese  | 55-2  | 10.17   | 9.95    | 10.15   | 10.09      | 1.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.01       | 17.59   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.02    | 0.03    | 0.02       | 75.98   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.03    | 0.01       | 79.33   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.02    | 0.02    | 0.01       | 67.47   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.02    | 0.01       | 72.09   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.34    | 1.39    | 1.21    | 1.31       | 6.90    | ppb   |
| Phosphorus | 31-2  | 8.93    | 13.55   | 15.30   | 12.59      | 26.15   | ppb   |
| Potassium  | 39-2  | 19.94   | 17.13   | 19.23   | 18.77      | 7.79    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 0.29    | 0.00    | 0.87    | 0.39       | 114.16  | ppb   |
| Selenium   | 78-2  | 0.26    | -0.32   | 0.85    | 0.26       | 220.74  | ppb   |
| Selenium   | 82-1  | -0.66   | 0.13    | 0.41    | -0.04      |         | ppb   |
| Silicon    | 28-1  | 5.50    | 6.17    | 4.83    | 5.50       | 12.16   | ppb   |
| Silver     | 109-1 | 0.12    | 0.13    | 0.12    | 0.12       | 4.31    | ppb   |
| Silver     | 107-1 | 0.12    | 0.12    | 0.12    | 0.12       | 1.40    | ppb   |
| Sodium     | 23-2  | 8.02    | 7.31    | 7.48    | 7.60       | 4.88    | ppb   |
| Strontium  | 86-1  | 0.13    | -0.01   | 0.02    | 0.05       | 153.35  | ppb   |
| Strontium  | 88-1  | 0.11    | 0.11    | 0.11    | 0.11       | 3.53    | ppb   |
| Sulfur     | 34-1  | 397.51  | 473.72  | 207.39  | 359.54     | 38.15   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.08    | 0.09       | 2.34    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.09    | 0.09    | 0.09       | 5.37    | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.07    | 0.07       | 6.31    | ppb   |
| Titanium   | 47-1  | 0.46    | 0.46    | 0.47    | 0.46       | 2.18    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 1.28    | 1.26    | 1.22    | 1.25       | 2.24    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 3.75    | 3.94    | 3.74    | 3.81       | 2.91    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 5.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5888.59  | 5844.13  | 5887.14  | 5873.28    | 0.43    | ppb   |
| Antimony   | 121-1 | 1.19     | 1.16     | 1.18     | 1.17       | 1.32    | ppb   |
| Arsenic    | 75-2  | 8.97     | 9.27     | 8.98     | 9.07       | 1.90    | ppb   |
| Barium     | 135-1 | 100.05   | 99.04    | 98.54    | 99.21      | 0.78    | ppb   |
| Barium     | 137-1 | 98.84    | 99.18    | 99.68    | 99.23      | 0.43    | ppb   |
| Beryllium  | 9-1   | 0.57     | 0.50     | 0.49     | 0.52       | 8.71    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 2.76     | 2.72     | 3.04     | 2.84       | 6.03    | ppb   |
| Boron      | 11-1  | 2.71     | 2.76     | 2.83     | 2.77       | 2.17    | ppb   |
| Cadmium    | 111-1 | 0.69     | 0.58     | 0.69     | 0.65       | 9.32    | ppb   |
| Cadmium    | 106-1 | -0.84    | -2.01    | -0.21    | -1.02      |         | ppb   |
| Cadmium    | 108-1 | 0.78     | 0.70     | 0.90     | 0.79       | 12.69   | ppb   |
| Calcium    | 43-1  | 3684.23  | 3665.54  | 3664.92  | 3671.57    | 0.30    | ppb   |
| Calcium    | 44-1  | 3696.91  | 3670.58  | 3664.88  | 3677.46    | 0.46    | ppb   |
| Chromium   | 52-2  | 28.60    | 28.50    | 28.85    | 28.65      | 0.63    | ppb   |
| Cobalt     | 59-2  | 7.69     | 7.66     | 7.81     | 7.72       | 1.01    | ppb   |
| Copper     | 63-2  | 170.06   | 168.95   | 171.74   | 170.25     | 0.83    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 71245.70 | 70762.25 | 70333.11 | 70780.35   | 0.65    | ppb   |
| Iron       | 57-2  | 71329.31 | 70326.75 | 70285.60 | 70647.22   | 0.84    | ppb   |
| Lead       | 206-1 | 22329.83 | 22674.75 | 22508.90 | 22504.49   | 0.77    | ppb   |
| Lead       | 207-1 | 21127.91 | 20902.94 | 21309.44 | 21113.43   | 0.96    | ppb   |
| Lead       | 208-1 | 21785.40 | 21728.27 | 21911.09 | 21808.26   | 0.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 1270.29  | 1268.99  | 1283.14  | 1274.14    | 0.61    | ppb   |
| Manganese  | 55-2  | 386.38   | 387.09   | 387.71   | 387.06     | 0.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.14    | 1.20    | 1.17    | 1.17       | 2.37    | ppb   |
| Molybdenum | 95-1  | 1.32    | 1.39    | 1.34    | 1.35       | 2.61    | ppb   |
| Molybdenum | 96-1  | 1.41    | 1.45    | 1.42    | 1.43       | 1.21    | ppb   |
| Molybdenum | 97-1  | 1.44    | 1.44    | 1.47    | 1.45       | 1.06    | ppb   |
| Molybdenum | 98-1  | 1.34    | 1.35    | 1.33    | 1.34       | 0.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 25.41   | 25.92   | 25.81   | 25.71      | 1.06    | ppb   |
| Phosphorus | 31-2  | 560.41  | 618.64  | 571.94  | 583.66     | 5.28    | ppb   |
| Potassium  | 39-2  | 885.23  | 882.48  | 897.11  | 888.27     | 0.88    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 5.49    | 4.37    | 6.16    | 5.34       | 16.89   | ppb   |
| Selenium   | 78-2  | 2.13    | 1.50    | 1.86    | 1.83       | 17.38   | ppb   |
| Selenium   | 82-1  | 0.99    | 0.66    | 1.01    | 0.88       | 22.12   | ppb   |
| Silicon    | 28-1  | 3612.03 | 3526.87 | 3566.48 | 3568.46    | 1.19    | ppb   |
| Silver     | 109-1 | 0.32    | 0.34    | 0.36    | 0.34       | 5.97    | ppb   |
| Silver     | 107-1 | 0.32    | 0.34    | 0.35    | 0.34       | 5.05    | ppb   |
| Sodium     | 23-2  | 442.95  | 441.96  | 444.52  | 443.14     | 0.29    | ppb   |
| Strontium  | 86-1  | 15.34   | 15.74   | 15.68   | 15.59      | 1.37    | ppb   |
| Strontium  | 88-1  | 15.60   | 15.91   | 15.81   | 15.77      | 0.99    | ppb   |
| Sulfur     | 34-1  | 2192.19 | 1899.41 | 2057.94 | 2049.84    | 7.15    | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.06    | 0.05    | 0.06    | 0.06       | 7.18    | ppb   |
| Thallium   | 205-1 | 0.07    | 0.07    | 0.06    | 0.07       | 6.11    | ppb   |
| Tin        | 118-1 | 7.70    | 7.59    | 7.80    | 7.70       | 1.32    | ppb   |
| Titanium   | 47-1  | 81.70   | 78.49   | 78.76   | 79.65      | 2.24    | ppb   |
| Uranium    | 238-1 | 0.51    | 0.51    | 0.53    | 0.51       | 2.42    | ppb   |
| Vanadium   | 51-2  | 37.81   | 37.63   | 37.91   | 37.78      | 0.38    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 222.06  | 221.59  | 223.10  | 222.25     | 0.35    | ppb   |
| Zirconium  | 90-1  | 1.12    | 1.10    | 1.12    | 1.11       | 0.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.11    | 1.13    | 1.13    | 1.13       | 0.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 58.59   | 61.42   | 57.99   | 59.33      | 3.09    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.02       | 13.54   | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.08    | 0.07    | 0.08       | 11.64   | ppb   |
| Barium     | 135-1 | 1.11    | 0.99    | 0.95    | 1.02       | 8.05    | ppb   |
| Barium     | 137-1 | 0.99    | 1.04    | 1.00    | 1.01       | 3.01    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | -0.05   | -0.07   | 0.06    | -0.02      |         | ppb   |
| Boron      | 11-1  | 0.01    | 0.05    | 0.10    | 0.05       | 84.14   | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.20   | -0.16   | -0.18      |         | ppb   |
| Cadmium    | 106-1 | -2.18   | -2.49   | -2.02   | -2.23      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.05    | 0.02       | 135.16  | ppb   |
| Calcium    | 43-1  | 41.24   | 42.56   | 39.70   | 41.17      | 3.48    | ppb   |
| Calcium    | 44-1  | 31.19   | 26.36   | 28.43   | 28.66      | 8.44    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.27    | 0.28    | 0.27       | 3.39    | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.08    | 0.04    | 0.06       | 25.14   | ppb   |
| Copper     | 63-2  | 1.66    | 1.59    | 1.64    | 1.63       | 2.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 677.93  | 683.12  | 679.87  | 680.31     | 0.39    | ppb   |
| Iron       | 57-2  | 679.61  | 678.11  | 683.88  | 680.53     | 0.44    | ppb   |
| Lead       | 206-1 | 225.49  | 223.98  | 217.46  | 222.31     | 1.92    | ppb   |
| Lead       | 207-1 | 206.87  | 205.02  | 201.77  | 204.55     | 1.26    | ppb   |
| Lead       | 208-1 | 217.86  | 216.45  | 211.36  | 215.23     | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 13.22   | 13.10   | 12.33   | 12.88      | 3.75    | ppb   |
| Manganese  | 55-2  | 3.79    | 3.90    | 3.96    | 3.88       | 2.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 67.80   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | 0.02    | 0.01       | 98.13   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.02    | 0.01       | 108.56  | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.03    | 0.01       | 115.40  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.02    | 0.01       | 122.27  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.26    | 0.19    | 0.24       | 18.19   | ppb   |
| Phosphorus | 31-2  | 20.82   | 9.14    | 8.32    | 12.76      | 54.78   | ppb   |
| Potassium  | 39-2  | 22.07   | 22.37   | 18.71   | 21.05      | 9.65    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.29    | 0.10       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.04   | -0.75   | 0.65    | -0.05      |         | ppb   |
| Selenium   | 82-1  | -0.91   | 0.45    | -0.86   | -0.44      |         | ppb   |
| Silicon    | 28-1  | 39.02   | 36.74   | 38.94   | 38.23      | 3.39    | ppb   |
| Silver     | 109-1 | 0.03    | 0.04    | 0.04    | 0.03       | 8.25    | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.02    | 0.03       | 25.27   | ppb   |
| Sodium     | 23-2  | 9.89    | 9.76    | 11.95   | 10.53      | 11.65   | ppb   |
| Strontium  | 86-1  | 0.06    | 0.20    | 0.10    | 0.12       | 60.10   | ppb   |
| Strontium  | 88-1  | 0.14    | 0.14    | 0.14    | 0.14       | 2.45    | ppb   |
| Sulfur     | 34-1  | 248.66  | 53.35   | 248.29  | 183.43     | 61.42   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.07    | 0.08    | 0.08    | 0.08       | 7.38    | ppb   |
| Titanium   | 47-1  | 0.70    | 0.79    | 0.83    | 0.77       | 8.39    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.37    | 0.36    | 0.40    | 0.38       | 4.81    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 2.50    | 2.57    | 2.63    | 2.57       | 2.54    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 14.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 44.89   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5914.91  | 5878.16  | 5828.69  | 5873.92    | 0.74    | ppb   |
| Antimony   | 121-1 | 2.07     | 1.94     | 1.96     | 1.99       | 3.61    | ppb   |
| Arsenic    | 75-2  | 11.57    | 11.67    | 11.79    | 11.68      | 0.95    | ppb   |
| Barium     | 135-1 | 96.04    | 92.44    | 89.92    | 92.80      | 3.31    | ppb   |
| Barium     | 137-1 | 94.97    | 92.83    | 90.60    | 92.80      | 2.36    | ppb   |
| Beryllium  | 9-1   | 0.52     | 0.46     | 0.53     | 0.50       | 7.35    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 2.41     | 2.91     | 2.77     | 2.70       | 9.45    | ppb   |
| Boron      | 11-1  | 2.62     | 2.46     | 2.37     | 2.48       | 5.04    | ppb   |
| Cadmium    | 111-1 | 0.65     | 0.67     | 0.66     | 0.66       | 1.19    | ppb   |
| Cadmium    | 106-1 | -1.29    | -1.47    | -1.68    | -1.48      |         | ppb   |
| Cadmium    | 108-1 | 1.17     | 1.07     | 0.82     | 1.02       | 17.61   | ppb   |
| Calcium    | 43-1  | 3998.91  | 3936.31  | 3877.70  | 3937.64    | 1.54    | ppb   |
| Calcium    | 44-1  | 4025.14  | 3917.14  | 3834.48  | 3925.59    | 2.44    | ppb   |
| Chromium   | 52-2  | 30.72    | 30.12    | 29.96    | 30.27      | 1.32    | ppb   |
| Cobalt     | 59-2  | 8.10     | 8.10     | 8.05     | 8.08       | 0.36    | ppb   |
| Copper     | 63-2  | 181.65   | 179.95   | 181.22   | 180.94     | 0.49    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 75681.82 | 74826.94 | 74620.49 | 75043.08   | 0.75    | ppb   |
| Iron       | 57-2  | 75638.63 | 74258.69 | 74822.72 | 74906.68   | 0.93    | ppb   |
| Lead       | 206-1 | 23910.13 | 23632.24 | 23776.56 | 23772.98   | 0.58    | ppb   |
| Lead       | 207-1 | 22646.45 | 22074.46 | 22406.97 | 22375.96   | 1.28    | ppb   |
| Lead       | 208-1 | 23278.38 | 22882.30 | 23040.91 | 23067.19   | 0.86    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 1288.67  | 1288.60  | 1285.91  | 1287.73    | 0.12    | ppb   |
| Manganese  | 55-2  | 412.25   | 409.23   | 405.84   | 409.11     | 0.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.39    | 1.32    | 1.40    | 1.37       | 2.93    | ppb   |
| Molybdenum | 95-1  | 2.36    | 2.11    | 2.15    | 2.20       | 6.17    | ppb   |
| Molybdenum | 96-1  | 2.09    | 2.07    | 2.08    | 2.08       | 0.69    | ppb   |
| Molybdenum | 97-1  | 2.02    | 2.13    | 2.16    | 2.11       | 3.37    | ppb   |
| Molybdenum | 98-1  | 2.15    | 2.15    | 2.11    | 2.13       | 1.19    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 26.90   | 27.02   | 26.93   | 26.95      | 0.23    | ppb   |
| Phosphorus | 31-2  | 662.37  | 639.52  | 685.12  | 662.34     | 3.44    | ppb   |
| Potassium  | 39-2  | 883.07  | 876.46  | 874.88  | 878.14     | 0.50    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 6.10    | 6.93    | 4.68    | 5.90       | 19.23   | ppb   |
| Selenium   | 78-2  | 1.96    | 1.74    | 1.90    | 1.87       | 6.09    | ppb   |
| Selenium   | 82-1  | 0.24    | 1.38    | 1.01    | 0.88       | 66.09   | ppb   |
| Silicon    | 28-1  | 1353.64 | 1343.64 | 1321.94 | 1339.74    | 1.21    | ppb   |
| Silver     | 109-1 | 0.36    | 0.38    | 0.37    | 0.37       | 3.66    | ppb   |
| Silver     | 107-1 | 0.36    | 0.35    | 0.38    | 0.36       | 4.25    | ppb   |
| Sodium     | 23-2  | 431.94  | 435.56  | 435.68  | 434.39     | 0.49    | ppb   |
| Strontium  | 86-1  | 16.91   | 16.71   | 15.88   | 16.50      | 3.33    | ppb   |
| Strontium  | 88-1  | 16.83   | 16.25   | 16.26   | 16.44      | 2.02    | ppb   |
| Sulfur     | 34-1  | 2475.31 | 2372.35 | 2241.72 | 2363.13    | 4.95    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.08    | 0.08    | 0.09    | 0.08       | 3.14    | ppb   |
| Thallium   | 205-1 | 0.09    | 0.08    | 0.09    | 0.09       | 2.27    | ppb   |
| Tin        | 118-1 | 10.16   | 9.89    | 9.73    | 9.93       | 2.22    | ppb   |
| Titanium   | 47-1  | 94.18   | 92.31   | 91.46   | 92.65      | 1.50    | ppb   |
| Uranium    | 238-1 | 0.55    | 0.54    | 0.55    | 0.55       | 1.14    | ppb   |
| Vanadium   | 51-2  | 40.10   | 39.69   | 39.23   | 39.67      | 1.10    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 233.16  | 230.17  | 231.15  | 231.49     | 0.66    | ppb   |
| Zirconium  | 90-1  | 1.08    | 1.06    | 1.02    | 1.05       | 2.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.11    | 1.05    | 1.04    | 1.07       | 3.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 58.03   | 58.54   | 60.66   | 59.07      | 2.36    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.02    | 0.03       | 10.04   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.13    | 0.14    | 0.13       | 5.19    | ppb   |
| Barium     | 135-1 | 0.88    | 0.93    | 1.05    | 0.96       | 8.87    | ppb   |
| Barium     | 137-1 | 0.94    | 0.94    | 0.92    | 0.93       | 1.17    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 91         |         | %     |
| Boron      | 10-1  | -0.10   | -0.33   | -0.25   | -0.23      |         | ppb   |
| Boron      | 11-1  | -0.18   | -0.10   | -0.07   | -0.12      |         | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.16   | -0.09   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.30   | -2.10   | -1.14   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.03   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 71.12   | 68.38   | 67.98   | 69.16      | 2.47    | ppb   |
| Calcium    | 44-1  | 60.64   | 60.21   | 58.96   | 59.93      | 1.45    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.28    | 0.31    | 0.29       | 4.98    | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.06    | 0.06    | 0.06       | 12.63   | ppb   |
| Copper     | 63-2  | 1.78    | 1.74    | 1.64    | 1.72       | 4.09    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 96         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 733.86  | 732.11  | 733.32  | 733.10     | 0.12    | ppb   |
| Iron       | 57-2  | 740.63  | 736.23  | 723.01  | 733.29     | 1.25    | ppb   |
| Lead       | 206-1 | 240.12  | 241.01  | 238.76  | 239.96     | 0.47    | ppb   |
| Lead       | 207-1 | 221.69  | 223.74  | 220.28  | 221.91     | 0.78    | ppb   |
| Lead       | 208-1 | 232.97  | 233.75  | 231.86  | 232.86     | 0.41    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 12.39   | 13.66   | 12.36   | 12.80      | 5.79    | ppb   |
| Manganese  | 55-2  | 4.18    | 4.18    | 4.14    | 4.17       | 0.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.02    | 0.01       | 88.82   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.03    | 0.04    | 0.02       | 94.38   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.03    | 0.01       | 145.84  | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.02    | 0.01       | 71.65   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.02    | 0.01       | 89.99   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.22    | 0.33    | 0.27       | 20.48   | ppb   |
| Phosphorus | 31-2  | 13.49   | 17.93   | 14.12   | 15.18      | 15.80   | ppb   |
| Potassium  | 39-2  | 23.43   | 13.15   | 22.90   | 19.83      | 29.21   | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.29    | 0.29    | 0.20       | 86.60   | ppb   |
| Selenium   | 78-2  | 1.24    | 0.03    | -0.25   | 0.34       | 233.16  | ppb   |
| Selenium   | 82-1  | 0.28    | -0.89   | -0.60   | -0.40      |         | ppb   |
| Silicon    | 28-1  | 11.02   | 10.38   | 9.93    | 10.44      | 5.24    | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.97   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.03    | 0.03       | 4.41    | ppb   |
| Sodium     | 23-2  | 11.30   | 9.79    | 10.54   | 10.55      | 7.14    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.08    | 0.14    | 0.10       | 35.49   | ppb   |
| Strontium  | 88-1  | 0.16    | 0.16    | 0.17    | 0.16       | 2.72    | ppb   |
| Sulfur     | 34-1  | 507.59  | 303.15  | 314.70  | 375.15     | 30.61   | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.10    | 0.10    | 0.09    | 0.09       | 4.67    | ppb   |
| Titanium   | 47-1  | 0.98    | 0.89    | 0.88    | 0.92       | 5.89    | ppb   |
| Uranium    | 238-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.39    | 0.41    | 0.37    | 0.39       | 4.89    | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 3.05    | 2.83    | 2.99    | 2.96       | 3.89    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.05   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.01    | 0.01       | 83.18   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1189.97  | 1203.88  | 1183.06  | 1192.31    | 0.89    | ppb   |
| Antimony   | 121-1 | 0.25     | 0.24     | 0.24     | 0.24       | 3.14    | ppb   |
| Arsenic    | 75-2  | 1.95     | 1.60     | 1.83     | 1.80       | 9.96    | ppb   |
| Barium     | 135-1 | 20.39    | 20.79    | 20.74    | 20.64      | 1.04    | ppb   |
| Barium     | 137-1 | 20.62    | 20.34    | 20.41    | 20.46      | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.10     | 0.10     | 0.08     | 0.09       | 10.44   | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 0.36     | 0.40     | 0.13     | 0.29       | 49.56   | ppb   |
| Boron      | 11-1  | 0.38     | 0.40     | 0.17     | 0.32       | 40.33   | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.01    | 0.02     | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -2.14    | -1.87    | -1.85    | -1.95      |         | ppb   |
| Cadmium    | 108-1 | 0.06     | 0.12     | 0.05     | 0.07       | 49.25   | ppb   |
| Calcium    | 43-1  | 761.44   | 772.10   | 750.85   | 761.46     | 1.40    | ppb   |
| Calcium    | 44-1  | 757.62   | 754.44   | 760.62   | 757.56     | 0.41    | ppb   |
| Chromium   | 52-2  | 5.82     | 5.89     | 5.93     | 5.88       | 0.93    | ppb   |
| Cobalt     | 59-2  | 1.53     | 1.53     | 1.57     | 1.54       | 1.34    | ppb   |
| Copper     | 63-2  | 34.10    | 34.10    | 34.07    | 34.09      | 0.04    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Holmium    | 165-2 |          |          |          | 96         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 14373.97 | 14391.29 | 14117.73 | 14294.33   | 1.07    | ppb   |
| Iron       | 57-2  | 13823.59 | 13872.56 | 13679.70 | 13791.95   | 0.73    | ppb   |
| Lead       | 206-1 | 4678.74  | 4671.98  | 4649.35  | 4666.69    | 0.33    | ppb   |
| Lead       | 207-1 | 4322.64  | 4304.41  | 4320.35  | 4315.80    | 0.23    | ppb   |
| Lead       | 208-1 | 4460.19  | 4462.28  | 4479.31  | 4467.26    | 0.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 262.88   | 267.05   | 256.42   | 262.12     | 2.04    | ppb   |
| Manganese  | 55-2  | 79.23    | 79.44    | 77.88    | 78.85      | 1.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22    | 0.25    | 0.24    | 0.24       | 6.17    | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.32    | 0.32    | 0.29       | 14.61   | ppb   |
| Molybdenum | 96-1  | 0.30    | 0.28    | 0.30    | 0.29       | 4.39    | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.38    | 0.26    | 0.31       | 19.55   | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.27    | 0.27    | 0.28       | 3.58    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.25    | 5.20    | 5.10    | 5.18       | 1.41    | ppb   |
| Phosphorus | 31-2  | 122.04  | 127.17  | 130.52  | 126.58     | 3.38    | ppb   |
| Potassium  | 39-2  | 187.54  | 185.85  | 185.24  | 186.21     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 0.88    | 0.88    | 1.77    | 1.18       | 43.33   | ppb   |
| Selenium   | 78-2  | 0.91    | 0.08    | 0.18    | 0.39       | 116.05  | ppb   |
| Selenium   | 82-1  | 1.46    | 0.41    | -0.01   | 0.62       | 122.28  | ppb   |
| Silicon    | 28-1  | 708.96  | 690.34  | 690.87  | 696.72     | 1.52    | ppb   |
| Silver     | 109-1 | 0.07    | 0.07    | 0.08    | 0.07       | 9.32    | ppb   |
| Silver     | 107-1 | 0.07    | 0.08    | 0.07    | 0.07       | 5.78    | ppb   |
| Sodium     | 23-2  | 92.77   | 92.51   | 93.23   | 92.84      | 0.39    | ppb   |
| Strontium  | 86-1  | 3.29    | 3.32    | 3.17    | 3.26       | 2.50    | ppb   |
| Strontium  | 88-1  | 3.33    | 3.32    | 3.28    | 3.31       | 0.91    | ppb   |
| Sulfur     | 34-1  | 713.68  | 395.91  | 592.61  | 567.40     | 28.26   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.01       | 20.38   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.53   | ppb   |
| Tin        | 118-1 | 1.58    | 1.59    | 1.65    | 1.61       | 2.49    | ppb   |
| Titanium   | 47-1  | 16.87   | 16.46   | 16.63   | 16.65      | 1.23    | ppb   |
| Uranium    | 238-1 | 0.09    | 0.10    | 0.10    | 0.10       | 4.32    | ppb   |
| Vanadium   | 51-2  | 7.64    | 7.79    | 7.63    | 7.69       | 1.15    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 46.35   | 45.03   | 45.93   | 45.77      | 1.47    | ppb   |
| Zirconium  | 90-1  | 0.22    | 0.23    | 0.22    | 0.23       | 2.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.20    | 0.22    | 0.21       | 6.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.53   | 12.08   | 11.44   | 11.68      | 2.98    | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.01   | 0.02    | 0.01       | 144.12  | ppb   |
| Barium     | 135-1 | 0.23    | 0.23    | 0.28    | 0.25       | 10.22   | ppb   |
| Barium     | 137-1 | 0.25    | 0.25    | 0.28    | 0.26       | 7.39    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 90         |         | %     |
| Boron      | 10-1  | -0.33   | -0.43   | -0.44   | -0.40      |         | ppb   |
| Boron      | 11-1  | -0.49   | -0.43   | -0.41   | -0.44      |         | ppb   |
| Cadmium    | 111-1 | -0.23   | -0.26   | -0.28   | -0.26      |         | ppb   |
| Cadmium    | 106-1 | -2.88   | -3.14   | -3.49   | -3.17      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 9.20    | 12.43   | 10.47   | 10.70      | 15.22   | ppb   |
| Calcium    | 44-1  | 1.77    | 1.72    | 1.23    | 1.58       | 18.83   | ppb   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.03    | 0.05       | 24.02   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.05    | 0.07    | 0.06       | 18.92   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 96         |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 96         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 138.38  | 139.01  | 137.53  | 138.31     | 0.53    | ppb   |
| Iron       | 57-2  | 139.35  | 138.67  | 140.59  | 139.54     | 0.70    | ppb   |
| Lead       | 206-1 | 47.53   | 46.54   | 46.98   | 47.02      | 1.06    | ppb   |
| Lead       | 207-1 | 43.97   | 42.90   | 43.68   | 43.52      | 1.27    | ppb   |
| Lead       | 208-1 | 46.03   | 44.95   | 45.56   | 45.51      | 1.19    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 2.40    | 2.58    | 2.66    | 2.55       | 5.13    | ppb   |
| Manganese  | 55-2  | 0.82    | 0.79    | 0.80    | 0.80       | 1.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.02    | 0.05    | 0.03       | 56.22   | ppb   |
| Phosphorus | 31-2  | 4.25    | 9.62    | 9.01    | 7.63       | 38.51   | ppb   |
| Potassium  | 39-2  | 8.07    | 10.99   | 6.68    | 8.58       | 25.64   | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 0.30    | 0.00    | 0.00    | 0.10       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.19   | 0.66    | 0.73    | 0.40       | 127.22  | ppb   |
| Selenium   | 82-1  | -0.44   | 0.25    | -0.80   | -0.33      |         | ppb   |
| Silicon    | 28-1  | 2.91    | 3.40    | 3.18    | 3.16       | 7.62    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 42.13   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 37.57   | ppb   |
| Sodium     | 23-2  | 4.08    | 3.89    | 3.30    | 3.76       | 10.90   | ppb   |
| Strontium  | 86-1  | 0.03    | -0.07   | 0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.03    | 0.02    | 0.02    | 0.02       | 16.40   | ppb   |
| Sulfur     | 34-1  | -90.46  | -57.93  | -35.80  | -61.40     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.02    | 0.01    | 0.02    | 0.02       | 51.82   | ppb   |
| Titanium   | 47-1  | 0.12    | 0.09    | 0.21    | 0.14       | 44.61   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 10.71   | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 92         |         | %     |
| Zinc       | 66-2  | 1.37    | 1.21    | 1.21    | 1.26       | 7.16    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 199.05  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.00       | 182.94  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6011.38  | 5956.63  | 5984.17  | 5984.06    | 0.46    | ppb   |
| Antimony   | 121-1 | 20.43    | 20.56    | 20.20    | 20.40      | 0.90    | ppb   |
| Arsenic    | 75-2  | 18.75    | 18.55    | 18.54    | 18.61      | 0.64    | ppb   |
| Barium     | 135-1 | 446.88   | 445.94   | 435.75   | 442.86     | 1.39    | ppb   |
| Barium     | 137-1 | 447.45   | 447.96   | 443.41   | 446.28     | 0.56    | ppb   |
| Beryllium  | 9-1   | 9.53     | 9.78     | 9.75     | 9.69       | 1.44    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 1.60     | 2.28     | 1.86     | 1.91       | 18.08   | ppb   |
| Boron      | 11-1  | 2.01     | 2.06     | 1.83     | 1.96       | 6.33    | ppb   |
| Cadmium    | 111-1 | 9.44     | 9.81     | 9.68     | 9.65       | 1.93    | ppb   |
| Cadmium    | 106-1 | 5.22     | 7.04     | 4.85     | 5.70       | 20.57   | ppb   |
| Cadmium    | 108-1 | 9.50     | 8.73     | 9.27     | 9.16       | 4.32    | ppb   |
| Calcium    | 43-1  | 3738.32  | 3747.90  | 3736.86  | 3741.03    | 0.16    | ppb   |
| Calcium    | 44-1  | 3740.19  | 3752.72  | 3676.30  | 3723.07    | 1.10    | ppb   |
| Chromium   | 52-2  | 67.18    | 67.47    | 67.10    | 67.25      | 0.29    | ppb   |
| Cobalt     | 59-2  | 107.45   | 105.87   | 106.36   | 106.56     | 0.76    | ppb   |
| Copper     | 63-2  | 224.74   | 222.28   | 223.28   | 223.43     | 0.55    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 72051.55 | 70954.63 | 70671.78 | 71225.99   | 1.02    | ppb   |
| Iron       | 57-2  | 71750.18 | 70882.69 | 70600.61 | 71077.83   | 0.84    | ppb   |
| Lead       | 206-1 | 22704.68 | 22653.95 | 22502.48 | 22620.37   | 0.47    | ppb   |
| Lead       | 207-1 | 21478.38 | 21296.68 | 21319.80 | 21364.95   | 0.46    | ppb   |
| Lead       | 208-1 | 22059.82 | 22072.96 | 22048.35 | 22060.38   | 0.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 1240.47  | 1231.78  | 1236.13  | 1236.13    | 0.35    | ppb   |
| Manganese  | 55-2  | 486.94   | 484.20   | 485.59   | 485.58     | 0.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.32    | 1.28    | 1.29    | 1.30       | 1.51    | ppb   |
| Molybdenum | 95-1  | 2.01    | 2.03    | 2.08    | 2.04       | 1.79    | ppb   |
| Molybdenum | 96-1  | 2.03    | 1.99    | 2.01    | 2.01       | 1.07    | ppb   |
| Molybdenum | 97-1  | 2.10    | 2.08    | 2.00    | 2.06       | 2.68    | ppb   |
| Molybdenum | 98-1  | 2.02    | 1.99    | 1.99    | 2.00       | 0.92    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 125.83  | 125.46  | 126.30  | 125.86     | 0.34    | ppb   |
| Phosphorus | 31-2  | 639.70  | 682.59  | 612.61  | 644.97     | 5.47    | ppb   |
| Potassium  | 39-2  | 840.91  | 841.78  | 836.91  | 839.87     | 0.31    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 23.57   | 29.72   | 22.85   | 25.38      | 14.88   | ppb   |
| Selenium   | 78-2  | 20.26   | 19.91   | 18.25   | 19.47      | 5.53    | ppb   |
| Selenium   | 82-1  | 18.09   | 18.48   | 19.19   | 18.59      | 3.00    | ppb   |
| Silicon    | 28-1  | 1222.09 | 1255.95 | 1228.01 | 1235.35    | 1.46    | ppb   |
| Silver     | 109-1 | 8.67    | 8.79    | 8.69    | 8.71       | 0.76    | ppb   |
| Silver     | 107-1 | 8.65    | 8.76    | 8.67    | 8.69       | 0.66    | ppb   |
| Sodium     | 23-2  | 412.09  | 412.53  | 414.95  | 413.19     | 0.37    | ppb   |
| Strontium  | 86-1  | 15.42   | 15.21   | 15.55   | 15.39      | 1.12    | ppb   |
| Strontium  | 88-1  | 15.61   | 15.62   | 15.58   | 15.60      | 0.14    | ppb   |
| Sulfur     | 34-1  | 2085.11 | 2324.47 | 2211.16 | 2206.91    | 5.43    | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 8.32    | 8.41    | 8.34    | 8.36       | 0.52    | ppb   |
| Thallium   | 205-1 | 8.49    | 8.57    | 8.45    | 8.50       | 0.72    | ppb   |
| Tin        | 118-1 | 9.65    | 9.56    | 9.48    | 9.56       | 0.90    | ppb   |
| Titanium   | 47-1  | 86.94   | 88.93   | 86.56   | 87.48      | 1.46    | ppb   |
| Uranium    | 238-1 | 0.51    | 0.50    | 0.52    | 0.51       | 2.19    | ppb   |
| Vanadium   | 51-2  | 133.34  | 132.00  | 132.61  | 132.65     | 0.51    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 320.74  | 321.43  | 322.52  | 321.57     | 0.28    | ppb   |
| Zirconium  | 90-1  | 1.01    | 0.99    | 1.03    | 1.01       | 1.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.99    | 1.03    | 0.96    | 0.99       | 3.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 66.17   | 61.87   | 64.69   | 64.24      | 3.40    | ppb   |
| Antimony   | 121-1 | 0.21    | 0.20    | 0.20    | 0.21       | 2.30    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.17    | 0.21       | 16.16   | ppb   |
| Barium     | 135-1 | 4.32    | 4.53    | 4.36    | 4.40       | 2.48    | ppb   |
| Barium     | 137-1 | 4.47    | 4.50    | 4.31    | 4.43       | 2.23    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.08    | 0.08    | 0.08       | 3.17    | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 90         |         | %     |
| Boron      | 10-1  | -0.25   | -0.02   | -0.09   | -0.12      |         | ppb   |
| Boron      | 11-1  | -0.20   | -0.17   | -0.25   | -0.21      |         | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.11   | -0.09   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -2.22   | -2.28   | -2.15   | -2.22      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.16    | 0.05    | 0.11       | 51.77   | ppb   |
| Calcium    | 43-1  | 43.12   | 43.39   | 37.84   | 41.45      | 7.55    | ppb   |
| Calcium    | 44-1  | 28.27   | 27.05   | 31.23   | 28.85      | 7.45    | ppb   |
| Chromium   | 52-2  | 0.66    | 0.67    | 0.64    | 0.65       | 2.19    | ppb   |
| Cobalt     | 59-2  | 1.05    | 1.03    | 1.04    | 1.04       | 0.84    | ppb   |
| Copper     | 63-2  | 2.09    | 2.04    | 2.11    | 2.08       | 1.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 691.11  | 685.13  | 692.13  | 689.46     | 0.55    | ppb   |
| Iron       | 57-2  | 699.22  | 685.90  | 692.58  | 692.57     | 0.96    | ppb   |
| Lead       | 206-1 | 227.99  | 225.14  | 222.69  | 225.27     | 1.18    | ppb   |
| Lead       | 207-1 | 210.05  | 208.68  | 206.32  | 208.35     | 0.91    | ppb   |
| Lead       | 208-1 | 220.79  | 219.53  | 215.72  | 218.68     | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 12.38   | 13.23   | 12.72   | 12.78      | 3.34    | ppb   |
| Manganese  | 55-2  | 4.90    | 4.86    | 4.88    | 4.88       | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.01    | 0.01       | 91.12   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.01       | 134.18  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.02    | 0.01       | 107.47  | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.01    | 0.02       | 56.14   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 41.37   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.29    | 1.19    | 1.25    | 1.24       | 4.06    | ppb   |
| Phosphorus | 31-2  | 13.11   | 10.05   | 23.39   | 15.52      | 45.04   | ppb   |
| Potassium  | 39-2  | 22.21   | 17.38   | 17.95   | 19.18      | 13.77   | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.59    | 0.20       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.22   | 0.09    | 0.35    | 0.07       | 395.73  | ppb   |
| Selenium   | 82-1  | -0.42   | 0.23    | -0.46   | -0.22      |         | ppb   |
| Silicon    | 28-1  | 9.62    | 8.71    | 10.19   | 9.50       | 7.80    | ppb   |
| Silver     | 109-1 | 0.12    | 0.11    | 0.12    | 0.11       | 5.19    | ppb   |
| Silver     | 107-1 | 0.11    | 0.13    | 0.12    | 0.12       | 5.43    | ppb   |
| Sodium     | 23-2  | 9.44    | 7.41    | 8.15    | 8.33       | 12.31   | ppb   |
| Strontium  | 86-1  | 0.11    | -0.01   | 0.11    | 0.07       | 101.36  | ppb   |
| Strontium  | 88-1  | 0.15    | 0.15    | 0.14    | 0.14       | 4.51    | ppb   |
| Sulfur     | 34-1  | 499.40  | 406.01  | 606.87  | 504.09     | 19.94   | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.08    | 0.09       | 5.63    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.64    | ppb   |
| Tin        | 118-1 | 0.10    | 0.12    | 0.11    | 0.11       | 10.30   | ppb   |
| Titanium   | 47-1  | 0.89    | 0.81    | 0.88    | 0.86       | 5.19    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 1.29    | 1.29    | 1.33    | 1.30       | 1.72    | ppb   |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Yttrium    | 89-2  |         |         |         | 92         |         | %     |
| Zinc       | 66-2  | 3.60    | 3.46    | 3.65    | 3.57       | 2.71    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 20.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 163.09  | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9642.31  | 9594.44  | 9579.27  | 9605.34    | 0.34    | ppb   |
| Antimony   | 121-1 | 480.79   | 477.38   | 470.79   | 476.32     | 1.07    | ppb   |
| Arsenic    | 75-2  | 510.82   | 508.80   | 508.19   | 509.27     | 0.27    | ppb   |
| Barium     | 135-1 | 2385.56  | 2411.53  | 2399.26  | 2398.78    | 0.54    | ppb   |
| Barium     | 137-1 | 2413.34  | 2416.13  | 2410.90  | 2413.45    | 0.11    | ppb   |
| Beryllium  | 9-1   | 499.08   | 499.07   | 497.76   | 498.64     | 0.15    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 88         |         | %     |
| Boron      | 10-1  | 473.59   | 483.41   | 487.92   | 481.64     | 1.52    | ppb   |
| Boron      | 11-1  | 470.76   | 470.66   | 480.47   | 473.96     | 1.19    | ppb   |
| Cadmium    | 111-1 | 485.12   | 484.76   | 485.73   | 485.21     | 0.10    | ppb   |
| Cadmium    | 106-1 | 480.94   | 490.63   | 483.80   | 485.12     | 1.03    | ppb   |
| Cadmium    | 108-1 | 482.61   | 487.90   | 489.08   | 486.53     | 0.71    | ppb   |
| Calcium    | 43-1  | 48652.83 | 47952.45 | 48496.62 | 48367.30   | 0.76    | ppb   |
| Calcium    | 44-1  | 49170.72 | 48372.77 | 48983.30 | 48842.26   | 0.85    | ppb   |
| Chromium   | 52-2  | 501.21   | 501.44   | 500.66   | 501.10     | 0.08    | ppb   |
| Cobalt     | 59-2  | 504.79   | 505.27   | 507.36   | 505.81     | 0.27    | ppb   |
| Copper     | 63-2  | 1023.86  | 1020.13  | 1018.88  | 1020.96    | 0.25    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 25674.92 | 25729.07 | 25600.22 | 25668.07   | 0.25    | ppb   |
| Iron       | 57-2  | 25127.20 | 25177.99 | 25167.58 | 25157.59   | 0.11    | ppb   |
| Lead       | 206-1 | 469.25   | 468.49   | 472.43   | 470.06     | 0.45    | ppb   |
| Lead       | 207-1 | 468.82   | 469.19   | 472.21   | 470.07     | 0.40    | ppb   |
| Lead       | 208-1 | 479.59   | 478.52   | 480.98   | 479.69     | 0.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 51101.23 | 50237.23 | 50576.82 | 50638.43   | 0.86    | ppb   |
| Manganese  | 55-2  | 1002.50  | 1006.35  | 1003.31  | 1004.05    | 0.20    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 474.96   | 478.46   | 471.14   | 474.85     | 0.77    | ppb   |
| Molybdenum | 95-1  | 464.87   | 466.58   | 464.57   | 465.34     | 0.23    | ppb   |
| Molybdenum | 96-1  | 461.44   | 466.19   | 461.54   | 463.06     | 0.59    | ppb   |
| Molybdenum | 97-1  | 467.38   | 464.06   | 467.91   | 466.45     | 0.45    | ppb   |
| Molybdenum | 98-1  | 475.54   | 478.02   | 475.86   | 476.47     | 0.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 503.61   | 505.32   | 506.20   | 505.04     | 0.26    | ppb   |
| Phosphorus | 31-2  | 10374.94 | 10141.82 | 10328.54 | 10281.77   | 1.20    | ppb   |
| Potassium  | 39-2  | 24671.30 | 24561.54 | 24476.60 | 24569.82   | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 519.38   | 513.92   | 511.89   | 515.06     | 0.75    | ppb   |
| Selenium   | 78-2  | 512.58   | 507.16   | 509.60   | 509.78     | 0.53    | ppb   |
| Selenium   | 82-1  | 481.10   | 488.91   | 481.47   | 483.83     | 0.91    | ppb   |
| Silicon    | 28-1  | 526.53   | 532.24   | 544.04   | 534.27     | 1.67    | ppb   |
| Silver     | 109-1 | 493.05   | 492.60   | 494.29   | 493.31     | 0.18    | ppb   |
| Silver     | 107-1 | 492.53   | 493.77   | 496.44   | 494.25     | 0.41    | ppb   |
| Sodium     | 23-2  | 51250.28 | 50673.12 | 50626.36 | 50849.92   | 0.68    | ppb   |
| Strontium  | 86-1  | 471.71   | 474.91   | 474.73   | 473.79     | 0.38    | ppb   |
| Strontium  | 88-1  | 479.86   | 486.48   | 480.81   | 482.38     | 0.74    | ppb   |
| Sulfur     | 34-1  | 10429.92 | 10190.08 | 10301.00 | 10307.00   | 1.16    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 479.16   | 485.49   | 481.32   | 481.99     | 0.67    | ppb   |
| Thallium   | 205-1 | 485.37   | 485.99   | 486.32   | 485.89     | 0.10    | ppb   |
| Tin        | 118-1 | 488.60   | 484.42   | 489.31   | 487.44     | 0.54    | ppb   |
| Titanium   | 47-1  | 483.04   | 478.63   | 479.46   | 480.38     | 0.49    | ppb   |
| Uranium    | 238-1 | 479.13   | 479.67   | 485.15   | 481.32     | 0.69    | ppb   |
| Vanadium   | 51-2  | 499.44   | 501.11   | 500.10   | 500.22     | 0.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 1018.16  | 1019.56  | 1009.25  | 1015.65    | 0.55    | ppb   |
| Zirconium  | 90-1  | 477.76   | 482.44   | 484.07   | 481.42     | 0.68    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 464.46  | 470.45  | 469.92  | 468.28     | 0.71    | ppb   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : CCB077 Instrumnet Name : P7  
 Client Sample ID : CCB077 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 15:34:01 DataFile Name : 044CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | -0.12   | -0.24   | -0.09      |         | ppb   |
| Antimony   | 121-1 | 0.72    | 1.03    | 1.29    | 1.01       | 28.03   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.06    | 0.06    | 0.06       | 7.99    | ppb   |
| Barium     | 135-1 | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 90         |         | %     |
| Boron      | 10-1  | 1.51    | 1.41    | 1.68    | 1.53       | 9.08    | ppb   |
| Boron      | 11-1  | 1.72    | 1.70    | 1.68    | 1.70       | 1.18    | ppb   |
| Cadmium    | 111-1 | -0.23   | -0.26   | -0.24   | -0.25      |         | ppb   |
| Cadmium    | 106-1 | -2.80   | -3.21   | -3.07   | -3.03      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.01    | -0.02   | 0.01       | 267.12  | ppb   |
| Calcium    | 43-1  | -0.72   | 1.32    | 2.16    | 0.92       | 161.25  | ppb   |
| Calcium    | 44-1  | -7.35   | -8.20   | -8.60   | -8.05      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.36   | -0.31   | -0.34   | -0.34      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 96         |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 94         |         | %     |
| Indium     | 115-2 |         |         |         | 91         |         | %     |
| Iron       | 56-2  | 0.52    | 0.27    | 0.30    | 0.36       | 37.80   | ppb   |
| Iron       | 57-2  | 0.63    | -0.25   | 0.02    | 0.13       | 338.97  | ppb   |
| Lead       | 206-1 | 2.70    | 2.74    | 2.70    | 2.71       | 0.73    | ppb   |
| Lead       | 207-1 | 2.52    | 2.55    | 2.45    | 2.51       | 2.11    | ppb   |
| Lead       | 208-1 | 2.68    | 2.63    | 2.58    | 2.63       | 1.80    | ppb   |
| Lithium    | 6-1   |         |         |         | 92         |         | %     |
| Magnesium  | 24-2  | 0.25    | 0.41    | -0.03   | 0.21       | 106.99  | ppb   |
| Manganese  | 55-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB077              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB077              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:34:01 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.06    | 0.09    | 0.06       | 44.22   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.14    | 0.21    | 0.15       | 33.21   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.13    | 0.16    | 0.12       | 39.74   | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.16    | 0.25    | 0.18       | 42.12   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.14    | 0.22    | 0.15       | 43.90   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.00    | -0.01   | 0.00       | 588.03  | ppb   |
| Phosphorus | 31-2  | -6.20   | 4.03    | -1.27   | -1.15      |         | ppb   |
| Potassium  | 39-2  | 8.80    | 5.72    | 4.31    | 6.28       | 36.60   | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.66    | 0.57    | -0.27   | 0.32       | 160.15  | ppb   |
| Selenium   | 82-1  | -0.28   | -0.49   | 0.73    | -0.01      |         | ppb   |
| Silicon    | 28-1  | -4.65   | -5.34   | -4.90   | -4.96      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 30.40   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 39.34   | ppb   |
| Sodium     | 23-2  | 3.03    | 3.38    | 1.27    | 2.56       | 44.30   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.15   | 0.04    | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | 652.08  | 595.27  | 538.49  | 595.28     | 9.54    | ppb   |
| Terbium    | 159-1 |         |         |         | 95         |         | %     |
| Terbium    | 159-2 |         |         |         | 94         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.01       | 40.28   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.01       | 39.06   | ppb   |
| Tin        | 118-1 | 0.03    | 0.04    | 0.06    | 0.04       | 36.78   | ppb   |
| Titanium   | 47-1  | -0.04   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Yttrium    | 89-2  |         |         |         | 92         |         | %     |
| Zinc       | 66-2  | 0.33    | 0.28    | 0.28    | 0.30       | 10.48   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.03       | 26.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB077              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB077              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:34:01 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 53.55   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 100      | 33       | 81       | 51.04  | cps   |
| Antimony   | 121-1 | 442      | 550      | 650      | 547      | 19.04  | cps   |
| Arsenic    | 75-2  | 41       | 24       | 31       | 32       | 26.02  | cps   |
| Barium     | 135-1 | 158      | 175      | 142      | 158      | 10.53  | cps   |
| Barium     | 137-1 | 208      | 242      | 183      | 211      | 13.86  | cps   |
| Beryllium  | 9-1   | 106      | 111      | 128      | 115      | 10.07  | cps   |
| Bismuth    | 209-1 | 10407858 | 10452183 | 10536682 | 10465574 | 0.63   | cps   |
| Bismuth    | 209-2 | 6662616  | 6639725  | 6692802  | 6665047  | 0.40   | cps   |
| Boron      | 10-1  | 542      | 542      | 433      | 506      | 12.37  | cps   |
| Boron      | 11-1  | 2225     | 2392     | 2325     | 2314     | 3.63   | cps   |
| Cadmium    | 111-1 | 4205     | 4155     | 4281     | 4214     | 1.51   | cps   |
| Cadmium    | 106-1 | 5952     | 5843     | 6043     | 5946     | 1.68   | cps   |
| Cadmium    | 108-1 | 33       | 21       | 17       | 24       | 36.73  | cps   |
| Calcium    | 43-1  | 625      | 558      | 567      | 583      | 6.23   | cps   |
| Calcium    | 44-1  | 33689    | 35227    | 34584    | 34500    | 2.24   | cps   |
| Chromium   | 52-2  | 1580     | 1563     | 1557     | 1567     | 0.77   | cps   |
| Cobalt     | 59-2  | 270      | 270      | 383      | 308      | 21.26  | cps   |
| Copper     | 63-2  | 5685     | 5738     | 5775     | 5732     | 0.79   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 33       | 39       | 24.75  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 58       | 50       | 25       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 17       | 30       | 23       | 23       | 28.56  | cps   |
| Gadolinium | 160-1 | 225      | 133      | 175      | 178      | 25.82  | cps   |
| Gadolinium | 160-2 | 47       | 80       | 33       | 53       | 45.07  | cps   |
| Holmium    | 165-1 | 15474583 | 15567512 | 15579991 | 15540696 | 0.37   | cps   |
| Holmium    | 165-2 | 8254118  | 8091641  | 8192149  | 8179303  | 1.00   | cps   |
| Indium     | 115-1 | 13080378 | 13148517 | 13200566 | 13143154 | 0.46   | cps   |
| Indium     | 115-2 | 2557391  | 2554542  | 2580910  | 2564281  | 0.56   | cps   |
| Iron       | 56-2  | 8147     | 8069     | 7747     | 7988     | 2.66   | cps   |
| Iron       | 57-2  | 222      | 189      | 200      | 204      | 8.33   | cps   |
| Lead       | 206-1 | 6441     | 6468     | 6480     | 6463     | 0.31   | cps   |
| Lead       | 207-1 | 5529     | 5585     | 5423     | 5512     | 1.49   | cps   |
| Lead       | 208-1 | 25366    | 25327    | 25455    | 25382    | 0.26   | cps   |
| Lithium    | 6-1   | 2503250  | 2491810  | 2518779  | 2504613  | 0.54   | cps   |
| Magnesium  | 24-2  | 183      | 283      | 258      | 242      | 21.54  | cps   |
| Manganese  | 55-2  | 177      | 180      | 150      | 169      | 9.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 558      | 367      | 492      | 472      | 20.61   | cps   |
| Molybdenum | 95-1  | 308      | 300      | 333      | 314      | 5.53    | cps   |
| Molybdenum | 96-1  | 375      | 508      | 425      | 436      | 15.44   | cps   |
| Molybdenum | 97-1  | 158      | 208      | 183      | 183      | 13.64   | cps   |
| Molybdenum | 98-1  | 608      | 442      | 592      | 547      | 16.77   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 33       | 13       | 132.28  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 373      | 337      | 327      | 346      | 7.11    | cps   |
| Phosphorus | 31-2  | 500      | 508      | 492      | 500      | 1.67    | cps   |
| Potassium  | 39-2  | 51474    | 50470    | 51381    | 51108    | 1.09    | cps   |
| Rhodium    | 103-1 | 12236118 | 12372750 | 12351891 | 12320253 | 0.60    | cps   |
| Rhodium    | 103-2 | 6108840  | 6095715  | 6066396  | 6090317  | 0.36    | cps   |
| Scandium   | 45-1  | 8535110  | 8394754  | 8445288  | 8458384  | 0.84    | cps   |
| Scandium   | 45-2  | 385840   | 385968   | 393269   | 388359   | 1.10    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 104      | 122      | 128      | 118      | 10.69   | cps   |
| Selenium   | 82-1  | -104     | -23      | -16      | -48      | -102.00 | cps   |
| Silicon    | 28-1  | 633740   | 625552   | 630310   | 629868   | 0.65    | cps   |
| Silver     | 109-1 | 100      | 117      | 133      | 117      | 14.28   | cps   |
| Silver     | 107-1 | 200      | 200      | 242      | 214      | 11.25   | cps   |
| Sodium     | 23-2  | 21316    | 21074    | 21124    | 21171    | 0.60    | cps   |
| Strontium  | 86-1  | 7319     | 7427     | 7636     | 7461     | 2.16    | cps   |
| Strontium  | 88-1  | 1900     | 1975     | 1892     | 1922     | 2.39    | cps   |
| Sulfur     | 34-1  | 807067   | 809054   | 822413   | 812844   | 1.03    | cps   |
| Terbium    | 159-1 | 16130081 | 16262337 | 16274023 | 16222147 | 0.49    | cps   |
| Terbium    | 159-2 | 8105164  | 8125699  | 8337269  | 8189377  | 1.57    | cps   |
| Thallium   | 203-1 | 342      | 192      | 275      | 269      | 27.89   | cps   |
| Thallium   | 205-1 | 625      | 675      | 550      | 617      | 10.20   | cps   |
| Tin        | 118-1 | 575      | 608      | 733      | 639      | 13.07   | cps   |
| Titanium   | 47-1  | 400      | 350      | 275      | 342      | 18.41   | cps   |
| Uranium    | 238-1 | 725      | 792      | 667      | 728      | 8.59    | cps   |
| Vanadium   | 51-2  | 30       | 40       | 60       | 43       | 35.25   | cps   |
| Yttrium    | 89-1  | 13356534 | 13374948 | 13357905 | 13363129 | 0.08    | cps   |
| Yttrium    | 89-2  | 1976625  | 1976046  | 2000751  | 1984474  | 0.71    | cps   |
| Zinc       | 66-2  | 240      | 250      | 233      | 241      | 3.48    | cps   |
| Zirconium  | 90-1  | 867      | 733      | 942      | 847      | 12.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:02:55 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 192  | 192  | 178     | 13.53  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2725     | 2534     | 2575     | 2611     | 3.86   | cps   |
| Antimony   | 121-1 | 30058    | 29691    | 30008    | 29919    | 0.67   | cps   |
| Arsenic    | 75-2  | 604      | 576      | 602      | 594      | 2.62   | cps   |
| Barium     | 135-1 | 33358    | 33667    | 32831    | 33285    | 1.27   | cps   |
| Barium     | 137-1 | 56867    | 57043    | 57144    | 57018    | 0.25   | cps   |
| Beryllium  | 9-1   | 3050     | 2884     | 3167     | 3034     | 4.70   | cps   |
| Bismuth    | 209-1 | 10448952 | 10487164 | 10536492 | 10490869 | 0.42   | cps   |
| Bismuth    | 209-2 | 6664605  | 6603685  | 6577341  | 6615210  | 0.68   | cps   |
| Boron      | 10-1  | 10070    | 10346    | 10504    | 10307    | 2.13   | cps   |
| Boron      | 11-1  | 49883    | 49164    | 49523    | 49524    | 0.73   | cps   |
| Cadmium    | 111-1 | 7767     | 7551     | 8179     | 7832     | 4.07   | cps   |
| Cadmium    | 106-1 | 6193     | 5785     | 6568     | 6182     | 6.34   | cps   |
| Cadmium    | 108-1 | 283      | 338      | 267      | 296      | 12.52  | cps   |
| Calcium    | 43-1  | 21099    | 21700    | 22009    | 21603    | 2.14   | cps   |
| Calcium    | 44-1  | 368113   | 370085   | 373098   | 370432   | 0.68   | cps   |
| Chromium   | 52-2  | 11418    | 11635    | 11241    | 11431    | 1.72   | cps   |
| Cobalt     | 59-2  | 8109     | 8239     | 8306     | 8218     | 1.22   | cps   |
| Copper     | 63-2  | 18776    | 18899    | 18452    | 18709    | 1.23   | cps   |
| Dysprosium | 156-1 | 50       | 142      | 167      | 119      | 51.43  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 58       | 100      | 75       | 78       | 26.96  | cps   |
| Erbium     | 164-2 | 50       | 30       | 30       | 37       | 31.49  | cps   |
| Gadolinium | 160-1 | 200      | 125      | 175      | 167      | 22.91  | cps   |
| Gadolinium | 160-2 | 100      | 97       | 53       | 83       | 31.24  | cps   |
| Holmium    | 165-1 | 15667747 | 15653012 | 15643624 | 15654794 | 0.08   | cps   |
| Holmium    | 165-2 | 8214655  | 8142580  | 8128152  | 8161795  | 0.57   | cps   |
| Indium     | 115-1 | 13059210 | 13242858 | 13112340 | 13138136 | 0.72   | cps   |
| Indium     | 115-2 | 2551859  | 2551444  | 2521838  | 2541714  | 0.68   | cps   |
| Iron       | 56-2  | 200815   | 200478   | 196586   | 199293   | 1.18   | cps   |
| Iron       | 57-2  | 4651     | 5101     | 4940     | 4897     | 4.66   | cps   |
| Lead       | 206-1 | 20099    | 19849    | 19804    | 19917    | 0.80   | cps   |
| Lead       | 207-1 | 18319    | 18107    | 17662    | 18029    | 1.86   | cps   |
| Lead       | 208-1 | 82084    | 81455    | 79215    | 80918    | 1.86   | cps   |
| Lithium    | 6-1   | 2544523  | 2573415  | 2572917  | 2563618  | 0.65   | cps   |
| Magnesium  | 24-2  | 167576   | 165908   | 163836   | 165773   | 1.13   | cps   |
| Manganese  | 55-2  | 2910     | 2814     | 2720     | 2815     | 3.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 27202    | 27411    | 26425    | 27013    | 1.92   | cps   |
| Molybdenum | 95-1  | 33365    | 32772    | 33215    | 33117    | 0.93   | cps   |
| Molybdenum | 96-1  | 37567    | 36615    | 35879    | 36687    | 2.31   | cps   |
| Molybdenum | 97-1  | 20757    | 20808    | 19506    | 20357    | 3.62   | cps   |
| Molybdenum | 98-1  | 54095    | 51913    | 52966    | 52991    | 2.06   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 13       | 20       | 57.74  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2460     | 2534     | 2444     | 2479     | 1.93   | cps   |
| Phosphorus | 31-2  | 283      | 450      | 417      | 383      | 23.01  | cps   |
| Potassium  | 39-2  | 212728   | 212123   | 212287   | 212380   | 0.15   | cps   |
| Rhodium    | 103-1 | 12236707 | 12465783 | 12392473 | 12364987 | 0.95   | cps   |
| Rhodium    | 103-2 | 6110003  | 6080619  | 6003527  | 6064716  | 0.91   | cps   |
| Scandium   | 45-1  | 8443323  | 8524375  | 8522493  | 8496730  | 0.54   | cps   |
| Scandium   | 45-2  | 387317   | 386508   | 384455   | 386093   | 0.38   | cps   |
| Selenium   | 77-2  | 33       | 27       | 53       | 38       | 36.73  | cps   |
| Selenium   | 78-2  | 313      | 294      | 272      | 293      | 6.96   | cps   |
| Selenium   | 82-1  | 912      | 1000     | 1337     | 1083     | 20.68  | cps   |
| Silicon    | 28-1  | 716640   | 716812   | 719414   | 717622   | 0.22   | cps   |
| Silver     | 109-1 | 21792    | 22460    | 23838    | 22697    | 4.60   | cps   |
| Silver     | 107-1 | 23420    | 24672    | 24013    | 24035    | 2.61   | cps   |
| Sodium     | 23-2  | 348562   | 344192   | 346973   | 346576   | 0.64   | cps   |
| Strontium  | 86-1  | 11897    | 11613    | 11138    | 11550    | 3.32   | cps   |
| Strontium  | 88-1  | 41143    | 41562    | 40592    | 41099    | 1.18   | cps   |
| Sulfur     | 34-1  | 833152   | 830226   | 824711   | 829363   | 0.52   | cps   |
| Terbium    | 159-1 | 16188284 | 16532005 | 16370254 | 16363514 | 1.05   | cps   |
| Terbium    | 159-2 | 8264542  | 8208684  | 8102010  | 8191745  | 1.01   | cps   |
| Thallium   | 203-1 | 13816    | 13216    | 14242    | 13758    | 3.75   | cps   |
| Thallium   | 205-1 | 33668    | 33284    | 33618    | 33524    | 0.62   | cps   |
| Tin        | 118-1 | 56305    | 57109    | 57384    | 56933    | 0.98   | cps   |
| Titanium   | 47-1  | 10412    | 10229    | 10212    | 10285    | 1.08   | cps   |
| Uranium    | 238-1 | 45882    | 45924    | 46777    | 46194    | 1.09   | cps   |
| Vanadium   | 51-2  | 19009    | 19193    | 18505    | 18902    | 1.88   | cps   |
| Yttrium    | 89-1  | 13311743 | 13491524 | 13473933 | 13425733 | 0.74   | cps   |
| Yttrium    | 89-2  | 1959456  | 1963373  | 1950719  | 1957849  | 0.33   | cps   |
| Zinc       | 66-2  | 2004     | 1813     | 1773     | 1863     | 6.60   | cps   |
| Zirconium  | 90-1  | 22886    | 22427    | 22510    | 22608    | 1.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:10:33 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4993 | 5076 | 4609 | 4893    | 5.09   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P7  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 12:14:22 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 147303   | 148607   | 147899   | 147936   | 0.44   | cps   |
| Antimony   | 121-1 | 697966   | 678556   | 645168   | 673896   | 3.96   | cps   |
| Arsenic    | 75-2  | 30161    | 29793    | 30374    | 30110    | 0.98   | cps   |
| Barium     | 135-1 | 960138   | 944552   | 940115   | 948268   | 1.11   | cps   |
| Barium     | 137-1 | 1656257  | 1633859  | 1629381  | 1639832  | 0.88   | cps   |
| Beryllium  | 9-1   | 173660   | 169845   | 170082   | 171196   | 1.25   | cps   |
| Bismuth    | 209-1 | 10612105 | 10516344 | 10552648 | 10560366 | 0.46   | cps   |
| Bismuth    | 209-2 | 6670035  | 6667887  | 6624664  | 6654195  | 0.38   | cps   |
| Boron      | 10-1  | 23611    | 23035    | 24404    | 23683    | 2.90   | cps   |
| Boron      | 11-1  | 115272   | 112341   | 112617   | 113410   | 1.43   | cps   |
| Cadmium    | 111-1 | 218102   | 218082   | 213728   | 216637   | 1.16   | cps   |
| Cadmium    | 106-1 | 29122    | 29190    | 29833    | 29382    | 1.33   | cps   |
| Cadmium    | 108-1 | 15888    | 15375    | 15847    | 15703    | 1.81   | cps   |
| Calcium    | 43-1  | 243848   | 241338   | 238730   | 241305   | 1.06   | cps   |
| Calcium    | 44-1  | 3958339  | 3974590  | 3939728  | 3957552  | 0.44   | cps   |
| Chromium   | 52-2  | 269442   | 271710   | 271088   | 270747   | 0.43   | cps   |
| Cobalt     | 59-2  | 443867   | 447380   | 447837   | 446361   | 0.49   | cps   |
| Copper     | 63-2  | 655875   | 662466   | 658181   | 658841   | 0.51   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 83       | 78       | 12.37  | cps   |
| Dysprosium | 156-2 | 20       | 20       | 17       | 19       | 10.18  | cps   |
| Erbium     | 164-1 | 67       | 100      | 25       | 64       | 58.82  | cps   |
| Erbium     | 164-2 | 30       | 30       | 23       | 28       | 13.86  | cps   |
| Gadolinium | 160-1 | 175      | 142      | 167      | 161      | 10.77  | cps   |
| Gadolinium | 160-2 | 83       | 57       | 80       | 73       | 19.81  | cps   |
| Holmium    | 165-1 | 15751826 | 15732558 | 15714183 | 15732856 | 0.12   | cps   |
| Holmium    | 165-2 | 8259414  | 8210569  | 8153473  | 8207819  | 0.65   | cps   |
| Indium     | 115-1 | 13118474 | 13148892 | 13045841 | 13104402 | 0.40   | cps   |
| Indium     | 115-2 | 2562939  | 2542151  | 2555750  | 2553614  | 0.41   | cps   |
| Iron       | 56-2  | 11142968 | 11130197 | 11126030 | 11133065 | 0.08   | cps   |
| Iron       | 57-2  | 271884   | 274776   | 272677   | 273113   | 0.55   | cps   |
| Lead       | 206-1 | 635403   | 626422   | 621245   | 627690   | 1.14   | cps   |
| Lead       | 207-1 | 583198   | 572676   | 569157   | 575010   | 1.27   | cps   |
| Lead       | 208-1 | 2597484  | 2552845  | 2551594  | 2567308  | 1.02   | cps   |
| Lithium    | 6-1   | 2590095  | 2561231  | 2540311  | 2563879  | 0.97   | cps   |
| Magnesium  | 24-2  | 1912734  | 1916030  | 1909856  | 1912873  | 0.16   | cps   |
| Manganese  | 55-2  | 295137   | 294880   | 294011   | 294676   | 0.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:14:22 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725895   | 720398   | 710281   | 718858   | 1.10   | cps   |
| Molybdenum | 95-1  | 387241   | 382768   | 376608   | 382206   | 1.40   | cps   |
| Molybdenum | 96-1  | 496597   | 492231   | 489870   | 492899   | 0.69   | cps   |
| Molybdenum | 97-1  | 243022   | 239633   | 236100   | 239585   | 1.44   | cps   |
| Molybdenum | 98-1  | 619984   | 615970   | 612140   | 616031   | 0.64   | cps   |
| Neodymium  | 150-1 | 67       | 67       | 67       | 67       | 0.00   | cps   |
| Neodymium  | 150-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Nickel     | 60-2  | 119976   | 120291   | 121263   | 120510   | 0.56   | cps   |
| Phosphorus | 31-2  | 9153     | 9303     | 9687     | 9381     | 2.93   | cps   |
| Potassium  | 39-2  | 978001   | 985420   | 978456   | 980626   | 0.42   | cps   |
| Rhodium    | 103-1 | 12320645 | 12164238 | 12193097 | 12225993 | 0.68   | cps   |
| Rhodium    | 103-2 | 6051467  | 6059766  | 6030504  | 6047246  | 0.25   | cps   |
| Scandium   | 45-1  | 8500334  | 8422843  | 8340136  | 8421104  | 0.95   | cps   |
| Scandium   | 45-2  | 384880   | 388088   | 387144   | 386704   | 0.43   | cps   |
| Selenium   | 77-2  | 667      | 630      | 660      | 652      | 2.99   | cps   |
| Selenium   | 78-2  | 2291     | 2211     | 2159     | 2221     | 2.98   | cps   |
| Selenium   | 82-1  | 12973    | 13020    | 13179    | 13058    | 0.82   | cps   |
| Silicon    | 28-1  | 1261608  | 1271161  | 1267099  | 1266623  | 0.38   | cps   |
| Silver     | 109-1 | 991351   | 997031   | 989684   | 992689   | 0.39   | cps   |
| Silver     | 107-1 | 1038232  | 1030622  | 1027505  | 1032120  | 0.53   | cps   |
| Sodium     | 23-2  | 3750681  | 3755590  | 3755286  | 3753852  | 0.07   | cps   |
| Strontium  | 86-1  | 306032   | 302764   | 302041   | 303612   | 0.70   | cps   |
| Strontium  | 88-1  | 2609516  | 2589477  | 2598479  | 2599157  | 0.39   | cps   |
| Sulfur     | 34-1  | 922671   | 923144   | 927199   | 924338   | 0.27   | cps   |
| Terbium    | 159-1 | 16446435 | 16460755 | 16442079 | 16449756 | 0.06   | cps   |
| Terbium    | 159-2 | 8182711  | 8188269  | 8143259  | 8171413  | 0.30   | cps   |
| Thallium   | 203-1 | 787088   | 770863   | 769424   | 775792   | 1.26   | cps   |
| Thallium   | 205-1 | 1899009  | 1877442  | 1856126  | 1877526  | 1.14   | cps   |
| Tin        | 118-1 | 660942   | 658845   | 653074   | 657620   | 0.62   | cps   |
| Titanium   | 47-1  | 121060   | 120271   | 119086   | 120139   | 0.83   | cps   |
| Uranium    | 238-1 | 2671874  | 2612026  | 2605753  | 2629884  | 1.39   | cps   |
| Vanadium   | 51-2  | 214785   | 216473   | 213463   | 214907   | 0.70   | cps   |
| Yttrium    | 89-1  | 13379169 | 13330960 | 13313036 | 13341055 | 0.26   | cps   |
| Yttrium    | 89-2  | 1953310  | 1972876  | 1966371  | 1964186  | 0.51   | cps   |
| Zinc       | 66-2  | 92088    | 93722    | 94349    | 93386    | 1.25   | cps   |
| Zirconium  | 90-1  | 1401995  | 1374351  | 1375165  | 1383837  | 1.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:14:22 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 312081 | 306579 | 305408 | 308023  | 1.16   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P7  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 12:18:28 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 365266   | 365120   | 370642   | 367009   | 0.86   | cps   |
| Antimony   | 121-1 | 1884160  | 1839212  | 1830536  | 1851303  | 1.55   | cps   |
| Arsenic    | 75-2  | 75385    | 75150    | 75230    | 75255    | 0.16   | cps   |
| Barium     | 135-1 | 2378183  | 2386308  | 2399643  | 2388044  | 0.45   | cps   |
| Barium     | 137-1 | 4090074  | 4123392  | 4159762  | 4124409  | 0.85   | cps   |
| Beryllium  | 9-1   | 420350   | 424053   | 425902   | 423435   | 0.67   | cps   |
| Bismuth    | 209-1 | 10284600 | 10417152 | 10547707 | 10416486 | 1.26   | cps   |
| Bismuth    | 209-2 | 6567981  | 6606136  | 6622048  | 6598722  | 0.42   | cps   |
| Boron      | 10-1  | 57108    | 58121    | 59192    | 58140    | 1.79   | cps   |
| Boron      | 11-1  | 278432   | 284840   | 289034   | 284102   | 1.88   | cps   |
| Cadmium    | 111-1 | 533195   | 533995   | 539207   | 535466   | 0.61   | cps   |
| Cadmium    | 106-1 | 64991    | 63988    | 66624    | 65201    | 2.04   | cps   |
| Cadmium    | 108-1 | 39305    | 39155    | 39555    | 39338    | 0.51   | cps   |
| Calcium    | 43-1  | 603805   | 607278   | 613111   | 608065   | 0.77   | cps   |
| Calcium    | 44-1  | 9752242  | 9842077  | 9788936  | 9794418  | 0.46   | cps   |
| Chromium   | 52-2  | 665773   | 663813   | 675958   | 668515   | 0.98   | cps   |
| Cobalt     | 59-2  | 1104800  | 1104697  | 1109004  | 1106167  | 0.22   | cps   |
| Copper     | 63-2  | 1620011  | 1626644  | 1635365  | 1627340  | 0.47   | cps   |
| Dysprosium | 156-1 | 92       | 133      | 75       | 100      | 30.05  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Erbium     | 164-2 | 37       | 13       | 23       | 24       | 47.91  | cps   |
| Gadolinium | 160-1 | 167      | 192      | 267      | 208      | 24.98  | cps   |
| Gadolinium | 160-2 | 83       | 100      | 90       | 91       | 9.21   | cps   |
| Holmium    | 165-1 | 15573363 | 15653253 | 15697158 | 15641258 | 0.40   | cps   |
| Holmium    | 165-2 | 8206743  | 8100492  | 8189944  | 8165727  | 0.70   | cps   |
| Indium     | 115-1 | 12966229 | 13014323 | 13050751 | 13010434 | 0.33   | cps   |
| Indium     | 115-2 | 2499913  | 2522307  | 2525202  | 2515808  | 0.55   | cps   |
| Iron       | 56-2  | 27462037 | 27491135 | 27540979 | 27498050 | 0.15   | cps   |
| Iron       | 57-2  | 674268   | 675954   | 681737   | 677320   | 0.58   | cps   |
| Lead       | 206-1 | 1557494  | 1568088  | 1570756  | 1565446  | 0.45   | cps   |
| Lead       | 207-1 | 1407283  | 1434409  | 1450028  | 1430573  | 1.51   | cps   |
| Lead       | 208-1 | 6329401  | 6413968  | 6462985  | 6402118  | 1.06   | cps   |
| Lithium    | 6-1   | 2505435  | 2535625  | 2568419  | 2536493  | 1.24   | cps   |
| Magnesium  | 24-2  | 4741777  | 4739006  | 4787647  | 4756143  | 0.57   | cps   |
| Manganese  | 55-2  | 730099   | 732344   | 734263   | 732236   | 0.28   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:18:28 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1814023  | 1831828  | 1834275  | 1826709  | 0.61   | cps   |
| Molybdenum | 95-1  | 966182   | 981782   | 979374   | 975779   | 0.86   | cps   |
| Molybdenum | 96-1  | 1247981  | 1257793  | 1257483  | 1254419  | 0.44   | cps   |
| Molybdenum | 97-1  | 611980   | 613776   | 614941   | 613566   | 0.24   | cps   |
| Molybdenum | 98-1  | 1561514  | 1573992  | 1570005  | 1568504  | 0.41   | cps   |
| Neodymium  | 150-1 | 153      | 153      | 160      | 156      | 2.48   | cps   |
| Neodymium  | 150-2 | 13       | 7        | 20       | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 296473   | 295307   | 298840   | 296873   | 0.61   | cps   |
| Phosphorus | 31-2  | 21600    | 21149    | 21942    | 21564    | 1.84   | cps   |
| Potassium  | 39-2  | 2345606  | 2357600  | 2359535  | 2354247  | 0.32   | cps   |
| Rhodium    | 103-1 | 12119871 | 12108370 | 12261791 | 12163344 | 0.70   | cps   |
| Rhodium    | 103-2 | 5931614  | 5973175  | 5948236  | 5951008  | 0.35   | cps   |
| Scandium   | 45-1  | 8401213  | 8435048  | 8438711  | 8424991  | 0.25   | cps   |
| Scandium   | 45-2  | 380306   | 379349   | 382133   | 380596   | 0.37   | cps   |
| Selenium   | 77-2  | 1487     | 1437     | 1473     | 1466     | 1.77   | cps   |
| Selenium   | 78-2  | 5149     | 5288     | 5257     | 5231     | 1.39   | cps   |
| Selenium   | 82-1  | 32555    | 32933    | 32578    | 32689    | 0.65   | cps   |
| Silicon    | 28-1  | 2237059  | 2274319  | 2297268  | 2269548  | 1.34   | cps   |
| Silver     | 109-1 | 2459328  | 2490880  | 2497429  | 2482546  | 0.82   | cps   |
| Silver     | 107-1 | 2550677  | 2589835  | 2600362  | 2580291  | 1.01   | cps   |
| Sodium     | 23-2  | 9238124  | 9216176  | 9254805  | 9236368  | 0.21   | cps   |
| Strontium  | 86-1  | 740645   | 740303   | 756975   | 745975   | 1.28   | cps   |
| Strontium  | 88-1  | 6372599  | 6423390  | 6514327  | 6436772  | 1.12   | cps   |
| Sulfur     | 34-1  | 1047801  | 1040430  | 1045180  | 1044470  | 0.36   | cps   |
| Terbium    | 159-1 | 16208187 | 16496994 | 16560240 | 16421807 | 1.14   | cps   |
| Terbium    | 159-2 | 8197651  | 8173496  | 8124995  | 8165381  | 0.45   | cps   |
| Thallium   | 203-1 | 1930905  | 1948374  | 1963126  | 1947468  | 0.83   | cps   |
| Thallium   | 205-1 | 4649473  | 4731552  | 4739599  | 4706875  | 1.06   | cps   |
| Tin        | 118-1 | 1649946  | 1649414  | 1661088  | 1653483  | 0.40   | cps   |
| Titanium   | 47-1  | 301144   | 299929   | 301952   | 301009   | 0.34   | cps   |
| Uranium    | 238-1 | 6677425  | 6732147  | 6795374  | 6734982  | 0.88   | cps   |
| Vanadium   | 51-2  | 533565   | 535468   | 539083   | 536039   | 0.52   | cps   |
| Yttrium    | 89-1  | 13182746 | 13304789 | 13318139 | 13268558 | 0.56   | cps   |
| Yttrium    | 89-2  | 1932003  | 1944135  | 1946524  | 1940887  | 0.40   | cps   |
| Zinc       | 66-2  | 227269   | 230807   | 227578   | 228551   | 0.86   | cps   |
| Zirconium  | 90-1  | 3454250  | 3483611  | 3542351  | 3493404  | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:18:28 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 764604 | 773820 | 777619 | 772014  | 0.87   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P7  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 12:22:10 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 706157   | 715521   | 712319   | 711332   | 0.67   | cps   |
| Antimony   | 121-1 | 3822971  | 3796503  | 3761044  | 3793506  | 0.82   | cps   |
| Arsenic    | 75-2  | 148069   | 148039   | 148783   | 148297   | 0.28   | cps   |
| Barium     | 135-1 | 4691515  | 4725963  | 4731777  | 4716418  | 0.46   | cps   |
| Barium     | 137-1 | 8065145  | 8087678  | 8103430  | 8085418  | 0.24   | cps   |
| Beryllium  | 9-1   | 821973   | 831211   | 832461   | 828548   | 0.69   | cps   |
| Bismuth    | 209-1 | 10252164 | 10202961 | 10291150 | 10248758 | 0.43   | cps   |
| Bismuth    | 209-2 | 6466604  | 6488804  | 6533877  | 6496429  | 0.53   | cps   |
| Boron      | 10-1  | 111416   | 113658   | 116312   | 113795   | 2.15   | cps   |
| Boron      | 11-1  | 539018   | 550727   | 555711   | 548486   | 1.56   | cps   |
| Cadmium    | 111-1 | 1039655  | 1051599  | 1048515  | 1046590  | 0.59   | cps   |
| Cadmium    | 106-1 | 117896   | 123232   | 120090   | 120406   | 2.23   | cps   |
| Cadmium    | 108-1 | 77167    | 76619    | 76652    | 76813    | 0.40   | cps   |
| Calcium    | 43-1  | 1183706  | 1183871  | 1196771  | 1188116  | 0.63   | cps   |
| Calcium    | 44-1  | 18857160 | 19171364 | 19279411 | 19102645 | 1.15   | cps   |
| Chromium   | 52-2  | 1294557  | 1297765  | 1302409  | 1298244  | 0.30   | cps   |
| Cobalt     | 59-2  | 2127279  | 2143850  | 2139161  | 2136763  | 0.40   | cps   |
| Copper     | 63-2  | 3121778  | 3128525  | 3113268  | 3121190  | 0.24   | cps   |
| Dysprosium | 156-1 | 117      | 142      | 117      | 125      | 11.55  | cps   |
| Dysprosium | 156-2 | 23       | 33       | 10       | 22       | 52.68  | cps   |
| Erbium     | 164-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 40       | 33       | 33       | 36       | 10.83  | cps   |
| Gadolinium | 160-1 | 217      | 150      | 200      | 189      | 18.37  | cps   |
| Gadolinium | 160-2 | 100      | 90       | 87       | 92       | 7.52   | cps   |
| Holmium    | 165-1 | 15492626 | 15685103 | 15660236 | 15612655 | 0.67   | cps   |
| Holmium    | 165-2 | 8118032  | 8100787  | 8122366  | 8113728  | 0.14   | cps   |
| Indium     | 115-1 | 12768447 | 12596325 | 12750036 | 12704936 | 0.74   | cps   |
| Indium     | 115-2 | 2460937  | 2475592  | 2476183  | 2470904  | 0.35   | cps   |
| Iron       | 56-2  | 53272176 | 53076929 | 53791433 | 53380179 | 0.69   | cps   |
| Iron       | 57-2  | 1317269  | 1314139  | 1322551  | 1317986  | 0.32   | cps   |
| Lead       | 206-1 | 3097171  | 3090500  | 3108569  | 3098747  | 0.29   | cps   |
| Lead       | 207-1 | 2841941  | 2835757  | 2815018  | 2830905  | 0.50   | cps   |
| Lead       | 208-1 | 12727550 | 12690310 | 12735991 | 12717950 | 0.19   | cps   |
| Lithium    | 6-1   | 2510784  | 2527589  | 2500548  | 2512974  | 0.54   | cps   |
| Magnesium  | 24-2  | 9156361  | 9155366  | 9126141  | 9145956  | 0.19   | cps   |
| Manganese  | 55-2  | 1421496  | 1426440  | 1431055  | 1426331  | 0.34   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:22:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3571931  | 3628634  | 3648401  | 3616322  | 1.10   | cps   |
| Molybdenum | 95-1  | 1937583  | 1942365  | 1947813  | 1942587  | 0.26   | cps   |
| Molybdenum | 96-1  | 2479925  | 2474771  | 2484283  | 2479660  | 0.19   | cps   |
| Molybdenum | 97-1  | 1200314  | 1212231  | 1198699  | 1203748  | 0.61   | cps   |
| Molybdenum | 98-1  | 3124828  | 3117567  | 3067168  | 3103188  | 1.01   | cps   |
| Neodymium  | 150-1 | 367      | 293      | 240      | 300      | 21.20  | cps   |
| Neodymium  | 150-2 | 13       | 37       | 23       | 24       | 47.91  | cps   |
| Nickel     | 60-2  | 569065   | 574353   | 574034   | 572484   | 0.52   | cps   |
| Phosphorus | 31-2  | 42486    | 42119    | 43063    | 42556    | 1.12   | cps   |
| Potassium  | 39-2  | 4532594  | 4562106  | 4535091  | 4543264  | 0.36   | cps   |
| Rhodium    | 103-1 | 11921883 | 11886474 | 11839059 | 11882472 | 0.35   | cps   |
| Rhodium    | 103-2 | 5770367  | 5852152  | 5814747  | 5812422  | 0.70   | cps   |
| Scandium   | 45-1  | 8208658  | 8309216  | 8258891  | 8258922  | 0.61   | cps   |
| Scandium   | 45-2  | 371593   | 372706   | 370086   | 371462   | 0.35   | cps   |
| Selenium   | 77-2  | 3057     | 2937     | 3064     | 3019     | 2.36   | cps   |
| Selenium   | 78-2  | 10122    | 10428    | 10170    | 10240    | 1.61   | cps   |
| Selenium   | 82-1  | 64635    | 65085    | 64208    | 64643    | 0.68   | cps   |
| Silicon    | 28-1  | 3910966  | 3948205  | 3993899  | 3951023  | 1.05   | cps   |
| Silver     | 109-1 | 4843941  | 4894726  | 4914781  | 4884483  | 0.75   | cps   |
| Silver     | 107-1 | 5075788  | 5079200  | 5075601  | 5076863  | 0.04   | cps   |
| Sodium     | 23-2  | 17778085 | 17789484 | 17740973 | 17769514 | 0.14   | cps   |
| Strontium  | 86-1  | 1465245  | 1469300  | 1467901  | 1467482  | 0.14   | cps   |
| Strontium  | 88-1  | 12818695 | 12737471 | 12630618 | 12728928 | 0.74   | cps   |
| Sulfur     | 34-1  | 1245708  | 1244153  | 1238523  | 1242795  | 0.30   | cps   |
| Terbium    | 159-1 | 16161851 | 16176384 | 16226065 | 16188100 | 0.21   | cps   |
| Terbium    | 159-2 | 8170682  | 8096315  | 8102578  | 8123191  | 0.51   | cps   |
| Thallium   | 203-1 | 3864480  | 3848960  | 3911594  | 3875011  | 0.84   | cps   |
| Thallium   | 205-1 | 9246870  | 9162164  | 9343430  | 9250821  | 0.98   | cps   |
| Tin        | 118-1 | 3264320  | 3259663  | 3236071  | 3253351  | 0.47   | cps   |
| Titanium   | 47-1  | 586513   | 585108   | 586553   | 586058   | 0.14   | cps   |
| Uranium    | 238-1 | 13122146 | 13086664 | 13006789 | 13071866 | 0.45   | cps   |
| Vanadium   | 51-2  | 1036055  | 1045164  | 1043489  | 1041569  | 0.47   | cps   |
| Yttrium    | 89-1  | 13102225 | 13108973 | 13137603 | 13116267 | 0.14   | cps   |
| Yttrium    | 89-2  | 1897387  | 1932756  | 1908982  | 1913042  | 0.94   | cps   |
| Zinc       | 66-2  | 440867   | 445333   | 444602   | 443601   | 0.54   | cps   |
| Zirconium  | 90-1  | 6816841  | 6860294  | 6876825  | 6851320  | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:22:10 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1513936 | 1523630 | 1526316 | 1521294 | 0.43   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1364390   | 1383726   | 1382451   | 1376856   | 0.79   | cps   |
| Antimony   | 121-1 | 7839484   | 7716676   | 7724284   | 7760148   | 0.89   | cps   |
| Arsenic    | 75-2  | 287315    | 289384    | 288999    | 288566    | 0.38   | cps   |
| Barium     | 135-1 | 9332927   | 9332850   | 9388550   | 9351442   | 0.34   | cps   |
| Barium     | 137-1 | 15992612  | 16015528  | 16067526  | 16025222  | 0.24   | cps   |
| Beryllium  | 9-1   | 1593154   | 1604590   | 1609442   | 1602396   | 0.52   | cps   |
| Bismuth    | 209-1 | 10177935  | 10138950  | 10173332  | 10163406  | 0.21   | cps   |
| Bismuth    | 209-2 | 6296198   | 6363403   | 6392341   | 6350647   | 0.78   | cps   |
| Boron      | 10-1  | 218716    | 223589    | 227704    | 223336    | 2.01   | cps   |
| Boron      | 11-1  | 1067712   | 1081300   | 1092984   | 1080665   | 1.17   | cps   |
| Cadmium    | 111-1 | 2034379   | 2036820   | 2034390   | 2035196   | 0.07   | cps   |
| Cadmium    | 106-1 | 231357    | 232486    | 232596    | 232147    | 0.30   | cps   |
| Cadmium    | 108-1 | 149406    | 150931    | 152039    | 150792    | 0.88   | cps   |
| Calcium    | 43-1  | 2325708   | 2339619   | 2332908   | 2332745   | 0.30   | cps   |
| Calcium    | 44-1  | 37819304  | 37122668  | 37704424  | 37548798  | 0.99   | cps   |
| Chromium   | 52-2  | 2511775   | 2521411   | 2532667   | 2521951   | 0.41   | cps   |
| Cobalt     | 59-2  | 4152409   | 4154609   | 4160210   | 4155742   | 0.10   | cps   |
| Copper     | 63-2  | 6093198   | 6135162   | 6144881   | 6124414   | 0.45   | cps   |
| Dysprosium | 156-1 | 233       | 275       | 267       | 258       | 8.53   | cps   |
| Dysprosium | 156-2 | 50        | 43        | 33        | 42        | 19.87  | cps   |
| Erbium     | 164-1 | 117       | 67        | 133       | 106       | 32.87  | cps   |
| Erbium     | 164-2 | 33        | 47        | 30        | 37        | 24.06  | cps   |
| Gadolinium | 160-1 | 167       | 167       | 183       | 172       | 5.59   | cps   |
| Gadolinium | 160-2 | 90        | 70        | 113       | 91        | 23.81  | cps   |
| Holmium    | 165-1 | 15395769  | 15622260  | 15478292  | 15498774  | 0.74   | cps   |
| Holmium    | 165-2 | 7932011   | 8098224   | 8067605   | 8032613   | 1.10   | cps   |
| Indium     | 115-1 | 12431292  | 12665970  | 12465229  | 12520830  | 1.01   | cps   |
| Indium     | 115-2 | 2387311   | 2414290   | 2421978   | 2407860   | 0.76   | cps   |
| Iron       | 56-2  | 104388716 | 103951177 | 104303700 | 104214531 | 0.22   | cps   |
| Iron       | 57-2  | 2560381   | 2569115   | 2576074   | 2568523   | 0.31   | cps   |
| Lead       | 206-1 | 6075613   | 6136010   | 6135288   | 6115637   | 0.57   | cps   |
| Lead       | 207-1 | 5557948   | 5580541   | 5585110   | 5574533   | 0.26   | cps   |
| Lead       | 208-1 | 24662773  | 24858019  | 24877305  | 24799365  | 0.48   | cps   |
| Lithium    | 6-1   | 2457944   | 2473471   | 2458777   | 2463398   | 0.35   | cps   |
| Magnesium  | 24-2  | 17732452  | 17670076  | 17651397  | 17684642  | 0.24   | cps   |
| Manganese  | 55-2  | 2767047   | 2779781   | 2786013   | 2777614   | 0.35   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7223212  | 7137578  | 7273123  | 7211304  | 0.95   | cps   |
| Molybdenum | 95-1  | 3854148  | 3844519  | 3865502  | 3854723  | 0.27   | cps   |
| Molybdenum | 96-1  | 4916933  | 4969091  | 4901041  | 4929022  | 0.72   | cps   |
| Molybdenum | 97-1  | 2388498  | 2395030  | 2383338  | 2388955  | 0.25   | cps   |
| Molybdenum | 98-1  | 6240142  | 6212426  | 6202925  | 6218498  | 0.31   | cps   |
| Neodymium  | 150-1 | 560      | 460      | 520      | 513      | 9.80   | cps   |
| Neodymium  | 150-2 | 53       | 43       | 43       | 47       | 12.37  | cps   |
| Nickel     | 60-2  | 1105975  | 1118327  | 1116910  | 1113737  | 0.61   | cps   |
| Phosphorus | 31-2  | 80476    | 80216    | 80425    | 80372    | 0.17   | cps   |
| Potassium  | 39-2  | 8637101  | 8713120  | 8709066  | 8686429  | 0.49   | cps   |
| Rhodium    | 103-1 | 11421667 | 11414371 | 11656326 | 11497455 | 1.20   | cps   |
| Rhodium    | 103-2 | 5618628  | 5647757  | 5691713  | 5652700  | 0.65   | cps   |
| Scandium   | 45-1  | 8199393  | 8092687  | 8164953  | 8152344  | 0.67   | cps   |
| Scandium   | 45-2  | 360023   | 364090   | 367312   | 363808   | 1.00   | cps   |
| Selenium   | 77-2  | 5618     | 6038     | 5778     | 5811     | 3.65   | cps   |
| Selenium   | 78-2  | 19639    | 19628    | 19582    | 19616    | 0.16   | cps   |
| Selenium   | 82-1  | 126306   | 126688   | 126524   | 126506   | 0.15   | cps   |
| Silicon    | 28-1  | 5725561  | 5775817  | 5787805  | 5763061  | 0.57   | cps   |
| Silver     | 109-1 | 9586615  | 9527504  | 9554306  | 9556141  | 0.31   | cps   |
| Silver     | 107-1 | 9817643  | 9898973  | 9944422  | 9887013  | 0.65   | cps   |
| Sodium     | 23-2  | 34626177 | 34585661 | 34731129 | 34647656 | 0.22   | cps   |
| Strontium  | 86-1  | 2879868  | 2883443  | 2892638  | 2885316  | 0.23   | cps   |
| Strontium  | 88-1  | 25125010 | 25042121 | 25144913 | 25104015 | 0.22   | cps   |
| Sulfur     | 34-1  | 1623131  | 1608322  | 1605964  | 1612472  | 0.58   | cps   |
| Terbium    | 159-1 | 16118395 | 16062084 | 16155073 | 16111851 | 0.29   | cps   |
| Terbium    | 159-2 | 7984202  | 8067920  | 8101076  | 8051066  | 0.75   | cps   |
| Thallium   | 203-1 | 7552974  | 7723209  | 7638657  | 7638280  | 1.11   | cps   |
| Thallium   | 205-1 | 18172650 | 18378298 | 18252991 | 18267980 | 0.57   | cps   |
| Tin        | 118-1 | 6569627  | 6496137  | 6544724  | 6536829  | 0.57   | cps   |
| Titanium   | 47-1  | 1151064  | 1144697  | 1147028  | 1147597  | 0.28   | cps   |
| Uranium    | 238-1 | 26138041 | 26120505 | 26006394 | 26088313 | 0.27   | cps   |
| Vanadium   | 51-2  | 2022589  | 2039476  | 2042290  | 2034785  | 0.52   | cps   |
| Yttrium    | 89-1  | 12968890 | 13111451 | 12955167 | 13011836 | 0.67   | cps   |
| Yttrium    | 89-2  | 1864410  | 1869844  | 1879942  | 1871399  | 0.42   | cps   |
| Zinc       | 66-2  | 857015   | 856483   | 862177   | 858558   | 0.37   | cps   |
| Zirconium  | 90-1  | 13640948 | 13559158 | 13567402 | 13589169 | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:25:49 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3020540 | 3000496 | 3038173 | 3019737 | 0.62   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2716132   | 2722761   | 2712911   | 2717268   | 0.18   | cps   |
| Antimony   | 121-1 | 15522790  | 15582755  | 15796150  | 15633898  | 0.92   | cps   |
| Arsenic    | 75-2  | 574544    | 575142    | 574834    | 574840    | 0.05   | cps   |
| Barium     | 135-1 | 18321837  | 18483938  | 18662016  | 18489264  | 0.92   | cps   |
| Barium     | 137-1 | 31845039  | 31841117  | 31892668  | 31859608  | 0.09   | cps   |
| Beryllium  | 9-1   | 3079089   | 3108351   | 3120018   | 3102486   | 0.68   | cps   |
| Bismuth    | 209-1 | 9909906   | 10065484  | 8845383   | 9606924   | 6.91   | cps   |
| Bismuth    | 209-2 | 6249443   | 6057628   | 6196930   | 6168000   | 1.61   | cps   |
| Boron      | 10-1  | 430124    | 439927    | 441467    | 437173    | 1.41   | cps   |
| Boron      | 11-1  | 2098852   | 2133939   | 2133062   | 2121951   | 0.94   | cps   |
| Cadmium    | 111-1 | 3920387   | 3955205   | 3959465   | 3945019   | 0.54   | cps   |
| Cadmium    | 106-1 | 442077    | 447132    | 443666    | 444292    | 0.58   | cps   |
| Cadmium    | 108-1 | 292381    | 292569    | 297579    | 294176    | 1.00   | cps   |
| Calcium    | 43-1  | 4597574   | 4617805   | 4612986   | 4609455   | 0.23   | cps   |
| Calcium    | 44-1  | 73542591  | 73791891  | 74783010  | 74039164  | 0.89   | cps   |
| Chromium   | 52-2  | 5001573   | 4981776   | 5020169   | 5001173   | 0.38   | cps   |
| Cobalt     | 59-2  | 8171076   | 8021131   | 8138163   | 8110124   | 0.97   | cps   |
| Copper     | 63-2  | 11859146  | 11760944  | 11830296  | 11816796  | 0.43   | cps   |
| Dysprosium | 156-1 | 325       | 342       | 233       | 300       | 19.44  | cps   |
| Dysprosium | 156-2 | 63        | 67        | 80        | 70        | 12.60  | cps   |
| Erbium     | 164-1 | 117       | 75        | 67        | 86        | 31.11  | cps   |
| Erbium     | 164-2 | 37        | 53        | 30        | 40        | 30.04  | cps   |
| Gadolinium | 160-1 | 150       | 233       | 192       | 192       | 21.74  | cps   |
| Gadolinium | 160-2 | 127       | 110       | 107       | 114       | 9.36   | cps   |
| Holmium    | 165-1 | 15367685  | 15570707  | 13654467  | 14864286  | 7.08   | cps   |
| Holmium    | 165-2 | 8146714   | 7882581   | 8015687   | 8014994   | 1.65   | cps   |
| Indium     | 115-1 | 12101518  | 12196797  | 10793031  | 11697115  | 6.71   | cps   |
| Indium     | 115-2 | 2348653   | 2298782   | 2326542   | 2324659   | 1.07   | cps   |
| Iron       | 56-2  | 206300971 | 205614149 | 205900282 | 205938468 | 0.17   | cps   |
| Iron       | 57-2  | 5101395   | 5104202   | 5136172   | 5113923   | 0.38   | cps   |
| Lead       | 206-1 | 12154576  | 12266541  | 12232442  | 12217853  | 0.47   | cps   |
| Lead       | 207-1 | 11185740  | 11257778  | 11064678  | 11169399  | 0.87   | cps   |
| Lead       | 208-1 | 48905008  | 49664649  | 49324924  | 49298193  | 0.77   | cps   |
| Lithium    | 6-1   | 2376776   | 2396058   | 2109698   | 2294177   | 6.98   | cps   |
| Magnesium  | 24-2  | 34788591  | 34846412  | 34610621  | 34748541  | 0.35   | cps   |
| Manganese  | 55-2  | 5461951   | 5495073   | 5506809   | 5487945   | 0.42   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14242954 | 14539251 | 14519538 | 14433914 | 1.15   | cps   |
| Molybdenum | 95-1  | 7697101  | 7772377  | 7698911  | 7722796  | 0.56   | cps   |
| Molybdenum | 96-1  | 9902632  | 10058198 | 9986283  | 9982371  | 0.78   | cps   |
| Molybdenum | 97-1  | 4725621  | 4775256  | 4798993  | 4766623  | 0.79   | cps   |
| Molybdenum | 98-1  | 12366364 | 12420538 | 12532708 | 12439870 | 0.68   | cps   |
| Neodymium  | 150-1 | 1013     | 1133     | 953      | 1033     | 8.87   | cps   |
| Neodymium  | 150-2 | 97       | 70       | 100      | 89       | 18.50  | cps   |
| Nickel     | 60-2  | 2156163  | 2143064  | 2164278  | 2154502  | 0.50   | cps   |
| Phosphorus | 31-2  | 159798   | 160750   | 158518   | 159689   | 0.70   | cps   |
| Potassium  | 39-2  | 17215205 | 17204296 | 17096393 | 17171964 | 0.38   | cps   |
| Rhodium    | 103-1 | 11254914 | 11159211 | 9843419  | 10752515 | 7.34   | cps   |
| Rhodium    | 103-2 | 5582636  | 5458651  | 5510707  | 5517331  | 1.13   | cps   |
| Scandium   | 45-1  | 8050443  | 8111797  | 7099345  | 7753862  | 7.32   | cps   |
| Scandium   | 45-2  | 366779   | 360545   | 365726   | 364350   | 0.92   | cps   |
| Selenium   | 77-2  | 11388    | 11425    | 11168    | 11327    | 1.23   | cps   |
| Selenium   | 78-2  | 38016    | 38493    | 38260    | 38256    | 0.62   | cps   |
| Selenium   | 82-1  | 245493   | 246181   | 246647   | 246107   | 0.24   | cps   |
| Silicon    | 28-1  | 9135212  | 9157093  | 9212302  | 9168202  | 0.43   | cps   |
| Silver     | 109-1 | 18443010 | 18706600 | 18659744 | 18603118 | 0.76   | cps   |
| Silver     | 107-1 | 19390299 | 19172611 | 19557122 | 19373344 | 1.00   | cps   |
| Sodium     | 23-2  | 68237841 | 68401904 | 68070331 | 68236692 | 0.24   | cps   |
| Strontium  | 86-1  | 5666510  | 5746036  | 5783212  | 5731919  | 1.04   | cps   |
| Strontium  | 88-1  | 49224498 | 50226204 | 49448496 | 49633066 | 1.06   | cps   |
| Sulfur     | 34-1  | 2377940  | 2393860  | 2386568  | 2386123  | 0.33   | cps   |
| Terbium    | 159-1 | 15887341 | 15993840 | 14210555 | 15363912 | 6.51   | cps   |
| Terbium    | 159-2 | 8068241  | 7724253  | 8050361  | 7947618  | 2.44   | cps   |
| Thallium   | 203-1 | 15055116 | 14976408 | 15266665 | 15099397 | 0.99   | cps   |
| Thallium   | 205-1 | 36001083 | 35843222 | 36070133 | 35971479 | 0.32   | cps   |
| Tin        | 118-1 | 12691611 | 12840074 | 13026407 | 12852697 | 1.31   | cps   |
| Titanium   | 47-1  | 2247686  | 2274340  | 2260404  | 2260810  | 0.59   | cps   |
| Uranium    | 238-1 | 51663520 | 52055948 | 51965991 | 51895153 | 0.40   | cps   |
| Vanadium   | 51-2  | 4077250  | 4069254  | 4072495  | 4073000  | 0.10   | cps   |
| Yttrium    | 89-1  | 12718812 | 12833057 | 11318643 | 12290171 | 6.86   | cps   |
| Yttrium    | 89-2  | 1876578  | 1829631  | 1872807  | 1859672  | 1.40   | cps   |
| Zinc       | 66-2  | 1660029  | 1656984  | 1658671  | 1658562  | 0.09   | cps   |
| Zirconium  | 90-1  | 26596800 | 26999993 | 27009168 | 26868654 | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:29:21 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 5987832 | 6089735 | 6034930 | 6037499 | 0.84   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 14736648   | 15007338   | 14851180   | 14865056   | 0.91   | cps   |
| Antimony   | 121-1 | 75302      | 80925      | 90105      | 82111      | 9.10   | cps   |
| Arsenic    | 75-2  | 835        | 1102       | 972        | 970        | 13.75  | cps   |
| Barium     | 135-1 | 7886       | 6852       | 6802       | 7180       | 8.52   | cps   |
| Barium     | 137-1 | 12498      | 12181      | 12106      | 12261      | 1.70   | cps   |
| Beryllium  | 9-1   | 639        | 511        | 578        | 576        | 11.10  | cps   |
| Bismuth    | 209-1 | 8895471    | 8987800    | 8955819    | 8946364    | 0.52   | cps   |
| Bismuth    | 209-2 | 5576368    | 5625161    | 5591653    | 5597727    | 0.45   | cps   |
| Boron      | 10-1  | 13040      | 11972      | 11079      | 12030      | 8.16   | cps   |
| Boron      | 11-1  | 60874      | 57652      | 53538      | 57355      | 6.41   | cps   |
| Cadmium    | 111-1 | 4352       | 4704       | 4136       | 4397       | 6.53   | cps   |
| Cadmium    | 106-1 | 5085       | 5668       | 5084       | 5279       | 6.38   | cps   |
| Cadmium    | 108-1 | 100        | 150        | 75         | 108        | 35.25  | cps   |
| Calcium    | 43-1  | 22943209   | 22907886   | 23078735   | 22976610   | 0.39   | cps   |
| Calcium    | 44-1  | 366949358  | 372231958  | 373364742  | 370848686  | 0.92   | cps   |
| Chromium   | 52-2  | 100704     | 102053     | 101154     | 101304     | 0.68   | cps   |
| Cobalt     | 59-2  | 10864      | 10894      | 10671      | 10810      | 1.12   | cps   |
| Copper     | 63-2  | 19907      | 20338      | 19764      | 20003      | 1.49   | cps   |
| Dysprosium | 156-1 | 267        | 308        | 325        | 300        | 10.02  | cps   |
| Dysprosium | 156-2 | 167        | 123        | 137        | 142        | 15.60  | cps   |
| Erbium     | 164-1 | 67         | 142        | 150        | 119        | 38.42  | cps   |
| Erbium     | 164-2 | 57         | 87         | 67         | 70         | 21.82  | cps   |
| Gadolinium | 160-1 | 433        | 292        | 317        | 347        | 21.78  | cps   |
| Gadolinium | 160-2 | 167        | 210        | 180        | 186        | 11.96  | cps   |
| Holmium    | 165-1 | 14783157   | 14622759   | 14554032   | 14653316   | 0.80   | cps   |
| Holmium    | 165-2 | 7933877    | 7920423    | 7886257    | 7913519    | 0.31   | cps   |
| Indium     | 115-1 | 11810379   | 11811001   | 11896066   | 11839149   | 0.42   | cps   |
| Indium     | 115-2 | 2315401    | 2343831    | 2337181    | 2332137    | 0.64   | cps   |
| Iron       | 56-2  | 1053851646 | 1054941757 | 1063701890 | 1057498431 | 0.51   | cps   |
| Iron       | 57-2  | 26174000   | 26111001   | 26335687   | 26206896   | 0.44   | cps   |
| Lead       | 206-1 | 30330      | 29945      | 30535      | 30270      | 0.99   | cps   |
| Lead       | 207-1 | 25180      | 25247      | 25347      | 25258      | 0.33   | cps   |
| Lead       | 208-1 | 118173     | 118219     | 118541     | 118311     | 0.17   | cps   |
| Lithium    | 6-1   | 2212885    | 2234410    | 2230907    | 2226067    | 0.52   | cps   |
| Magnesium  | 24-2  | 181938221  | 185326854  | 184321683  | 183862253  | 0.95   | cps   |
| Manganese  | 55-2  | 18759      | 20124      | 18639      | 19174      | 4.30   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB87039             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 22477     | 24296     | 26768     | 24514     | 8.79   | cps   |
| Molybdenum | 95-1  | 34376     | 38152     | 42147     | 38225     | 10.17  | cps   |
| Molybdenum | 96-1  | 42213     | 44663     | 49411     | 45429     | 8.06   | cps   |
| Molybdenum | 97-1  | 21742     | 23904     | 25131     | 23593     | 7.27   | cps   |
| Molybdenum | 98-1  | 54213     | 59274     | 66364     | 59950     | 10.18  | cps   |
| Neodymium  | 150-1 | 207       | 247       | 260       | 238       | 11.67  | cps   |
| Neodymium  | 150-2 | 103       | 107       | 123       | 111       | 9.64   | cps   |
| Nickel     | 60-2  | 25402     | 25967     | 25886     | 25752     | 1.19   | cps   |
| Phosphorus | 31-2  | 475       | 533       | 475       | 494       | 6.81   | cps   |
| Potassium  | 39-2  | 92687100  | 92979165  | 93293092  | 92986452  | 0.33   | cps   |
| Rhodium    | 103-1 | 10291058  | 10321494  | 10317888  | 10310146  | 0.16   | cps   |
| Rhodium    | 103-2 | 5098070   | 5122760   | 5101148   | 5107326   | 0.26   | cps   |
| Scandium   | 45-1  | 7772980   | 7851722   | 7840113   | 7821605   | 0.54   | cps   |
| Scandium   | 45-2  | 376393    | 376740    | 375330    | 376154    | 0.20   | cps   |
| Selenium   | 77-2  | 13        | 3         | 23        | 13        | 75.02  | cps   |
| Selenium   | 78-2  | 178       | 204       | 200       | 194       | 7.23   | cps   |
| Selenium   | 82-1  | 152       | 354       | 290       | 265       | 38.89  | cps   |
| Silicon    | 28-1  | 1140287   | 1165306   | 1175903   | 1160498   | 1.58   | cps   |
| Silver     | 109-1 | 3551      | 3292      | 2559      | 3134      | 16.42  | cps   |
| Silver     | 107-1 | 3759      | 3292      | 3100      | 3384      | 10.01  | cps   |
| Sodium     | 23-2  | 359488783 | 358817775 | 361579466 | 359962008 | 0.40   | cps   |
| Strontium  | 86-1  | 156662    | 159627    | 160192    | 158827    | 1.19   | cps   |
| Strontium  | 88-1  | 1323576   | 1338338   | 1331864   | 1331259   | 0.56   | cps   |
| Sulfur     | 34-1  | 759991    | 760793    | 773021    | 764602    | 0.96   | cps   |
| Terbium    | 159-1 | 15195597  | 15352361  | 15216323  | 15254760  | 0.56   | cps   |
| Terbium    | 159-2 | 7744338   | 7875602   | 7779843   | 7799928   | 0.87   | cps   |
| Thallium   | 203-1 | 6052      | 5985      | 5760      | 5932      | 2.58   | cps   |
| Thallium   | 205-1 | 15777     | 14216     | 13808     | 14600     | 7.12   | cps   |
| Tin        | 118-1 | 12298     | 13774     | 15743     | 13938     | 12.40  | cps   |
| Titanium   | 47-1  | 19984     | 1984      | 1959      | 7975      | 130.40 | cps   |
| Uranium    | 238-1 | 11464     | 11722     | 10863     | 11350     | 3.88   | cps   |
| Vanadium   | 51-2  | 1743      | 1693      | 1553      | 1663      | 5.92   | cps   |
| Yttrium    | 89-1  | 12351854  | 12392649  | 12467686  | 12404063  | 0.47   | cps   |
| Yttrium    | 89-2  | 1862335   | 1865446   | 1876044   | 1867942   | 0.38   | cps   |
| Zinc       | 66-2  | 18015     | 18105     | 17811     | 17977     | 0.84   | cps   |
| Zirconium  | 90-1  | 6602      | 6760      | 7269      | 6877      | 5.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:32:51 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1483 | 1467 | 1650 | 1533    | 6.61   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 78213    | 80903    | 79185    | 79433    | 1.71   | cps   |
| Antimony   | 121-1 | 3373132  | 3346922  | 3290322  | 3336792  | 1.27   | cps   |
| Arsenic    | 75-2  | 124755   | 125471   | 125584   | 125270   | 0.36   | cps   |
| Barium     | 135-1 | 375770   | 378688   | 377770   | 377409   | 0.40   | cps   |
| Barium     | 137-1 | 649001   | 655536   | 647475   | 650671   | 0.66   | cps   |
| Beryllium  | 9-1   | 325010   | 322418   | 323573   | 323667   | 0.40   | cps   |
| Bismuth    | 209-1 | 10421855 | 10371904 | 10373500 | 10389086 | 0.27   | cps   |
| Bismuth    | 209-2 | 6674048  | 6710085  | 6712400  | 6698844  | 0.32   | cps   |
| Boron      | 10-1  | 262745   | 262125   | 266313   | 263728   | 0.86   | cps   |
| Boron      | 11-1  | 1277018  | 1284055  | 1295560  | 1285544  | 0.73   | cps   |
| Cadmium    | 111-1 | 439533   | 443997   | 445550   | 443027   | 0.71   | cps   |
| Cadmium    | 106-1 | 93290    | 93902    | 93809    | 93667    | 0.35   | cps   |
| Cadmium    | 108-1 | 47798    | 47116    | 46690    | 47201    | 1.18   | cps   |
| Calcium    | 43-1  | 114845   | 112225   | 115088   | 114053   | 1.39   | cps   |
| Calcium    | 44-1  | 1760209  | 1742697  | 1793997  | 1765634  | 1.48   | cps   |
| Chromium   | 52-2  | 537401   | 540342   | 538113   | 538618   | 0.28   | cps   |
| Cobalt     | 59-2  | 905304   | 911626   | 910813   | 909248   | 0.38   | cps   |
| Copper     | 63-2  | 660991   | 664625   | 662979   | 662865   | 0.27   | cps   |
| Dysprosium | 156-1 | 25       | 50       | 17       | 31       | 56.77  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 125      | 192      | 217      | 178      | 26.65  | cps   |
| Erbium     | 164-2 | 63       | 83       | 63       | 70       | 16.50  | cps   |
| Gadolinium | 160-1 | 200      | 225      | 142      | 189      | 22.64  | cps   |
| Gadolinium | 160-2 | 47       | 87       | 97       | 77       | 34.51  | cps   |
| Holmium    | 165-1 | 15574782 | 15740332 | 15626027 | 15647047 | 0.54   | cps   |
| Holmium    | 165-2 | 8431014  | 8439112  | 8485583  | 8451903  | 0.35   | cps   |
| Indium     | 115-1 | 13032270 | 13054850 | 13090041 | 13059054 | 0.22   | cps   |
| Indium     | 115-2 | 2570160  | 2611647  | 2590128  | 2590645  | 0.80   | cps   |
| Iron       | 56-2  | 4576877  | 4605877  | 4617051  | 4599935  | 0.45   | cps   |
| Iron       | 57-2  | 113569   | 113407   | 113093   | 113357   | 0.21   | cps   |
| Lead       | 206-1 | 2511368  | 2514830  | 2526420  | 2517539  | 0.31   | cps   |
| Lead       | 207-1 | 2179331  | 2184566  | 2198102  | 2187333  | 0.44   | cps   |
| Lead       | 208-1 | 10021931 | 10046250 | 10088935 | 10052372 | 0.34   | cps   |
| Lithium    | 6-1   | 2516200  | 2521676  | 2516432  | 2518103  | 0.12   | cps   |
| Magnesium  | 24-2  | 482865   | 486859   | 485799   | 485174   | 0.43   | cps   |
| Manganese  | 55-2  | 299056   | 301816   | 300644   | 300505   | 0.46   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7812010  | 7826661  | 7812887  | 7817186  | 0.11   | cps   |
| Molybdenum | 95-1  | 4142243  | 4120024  | 4129783  | 4130683  | 0.27   | cps   |
| Molybdenum | 96-1  | 5344013  | 5282544  | 5304697  | 5310418  | 0.59   | cps   |
| Molybdenum | 97-1  | 2588077  | 2580944  | 2559082  | 2576034  | 0.59   | cps   |
| Molybdenum | 98-1  | 6781773  | 6740425  | 6843598  | 6788599  | 0.76   | cps   |
| Neodymium  | 150-1 | 33       | 27       | 40       | 33       | 20.00  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 245173   | 244857   | 244293   | 244774   | 0.18   | cps   |
| Phosphorus | 31-2  | 617      | 533      | 533      | 561      | 8.58   | cps   |
| Potassium  | 39-2  | 852878   | 858709   | 855770   | 855785   | 0.34   | cps   |
| Rhodium    | 103-1 | 12435241 | 12302268 | 12383463 | 12373657 | 0.54   | cps   |
| Rhodium    | 103-2 | 6242068  | 6282669  | 6253914  | 6259550  | 0.33   | cps   |
| Scandium   | 45-1  | 8524425  | 8621992  | 8545997  | 8564138  | 0.60   | cps   |
| Scandium   | 45-2  | 405366   | 414607   | 412450   | 410808   | 1.18   | cps   |
| Selenium   | 77-2  | 2354     | 2467     | 2684     | 2501     | 6.70   | cps   |
| Selenium   | 78-2  | 8716     | 8960     | 8782     | 8819     | 1.43   | cps   |
| Selenium   | 82-1  | 52336    | 52308    | 52222    | 52289    | 0.11   | cps   |
| Silicon    | 28-1  | 5214510  | 5282548  | 5204525  | 5233861  | 0.81   | cps   |
| Silver     | 109-1 | 1948037  | 1933137  | 1942353  | 1941176  | 0.39   | cps   |
| Silver     | 107-1 | 2046400  | 2019245  | 2044705  | 2036783  | 0.75   | cps   |
| Sodium     | 23-2  | 1614182  | 1631249  | 1626623  | 1624018  | 0.54   | cps   |
| Strontium  | 86-1  | 2748875  | 2735963  | 2764577  | 2749805  | 0.52   | cps   |
| Strontium  | 88-1  | 23970909 | 24063199 | 24308091 | 24114067 | 0.72   | cps   |
| Sulfur     | 34-1  | 835259   | 838484   | 838232   | 837325   | 0.21   | cps   |
| Terbium    | 159-1 | 16325426 | 16388908 | 16289739 | 16334691 | 0.31   | cps   |
| Terbium    | 159-2 | 8381931  | 8393278  | 8345235  | 8373481  | 0.30   | cps   |
| Thallium   | 203-1 | 3107462  | 3100144  | 3099232  | 3102279  | 0.15   | cps   |
| Thallium   | 205-1 | 7514163  | 7486143  | 7557564  | 7519290  | 0.48   | cps   |
| Tin        | 118-1 | 7028668  | 7098927  | 7106486  | 7078027  | 0.61   | cps   |
| Titanium   | 47-1  | 1238771  | 1241442  | 1237813  | 1239342  | 0.15   | cps   |
| Uranium    | 238-1 | 27093228 | 27084449 | 27380493 | 27186057 | 0.62   | cps   |
| Vanadium   | 51-2  | 435661   | 440062   | 436839   | 437521   | 0.52   | cps   |
| Yttrium    | 89-1  | 13511094 | 13452826 | 13623997 | 13529306 | 0.64   | cps   |
| Yttrium    | 89-2  | 2029971  | 2045128  | 2037516  | 2037538  | 0.37   | cps   |
| Zinc       | 66-2  | 186591   | 189121   | 189765   | 188492   | 0.89   | cps   |
| Zirconium  | 90-1  | 14678613 | 14692026 | 14681545 | 14684061 | 0.05   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:36:36 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3215162 | 3238546 | 3265291 | 3239666 | 0.77   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 12:44:14 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 92       | 133      | 136      | 33.73  | cps   |
| Antimony   | 121-1 | 14808    | 18847    | 24197    | 19284    | 24.42  | cps   |
| Arsenic    | 75-2  | 178      | 194      | 169      | 180      | 7.29   | cps   |
| Barium     | 135-1 | 133      | 83       | 175      | 131      | 35.15  | cps   |
| Barium     | 137-1 | 200      | 183      | 142      | 175      | 17.17  | cps   |
| Beryllium  | 9-1   | 144      | 178      | 139      | 154      | 13.68  | cps   |
| Bismuth    | 209-1 | 10474825 | 10442951 | 10499939 | 10472572 | 0.27   | cps   |
| Bismuth    | 209-2 | 6576448  | 6546018  | 6529498  | 6550654  | 0.36   | cps   |
| Boron      | 10-1  | 3142     | 3309     | 2992     | 3148     | 5.03   | cps   |
| Boron      | 11-1  | 15016    | 14124    | 14299    | 14480    | 3.27   | cps   |
| Cadmium    | 111-1 | 3846     | 3938     | 3851     | 3878     | 1.34   | cps   |
| Cadmium    | 106-1 | 5460     | 5518     | 5460     | 5479     | 0.61   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 42       | 28       | 45.82  | cps   |
| Calcium    | 43-1  | 633      | 592      | 642      | 622      | 4.31   | cps   |
| Calcium    | 44-1  | 37908    | 37114    | 37482    | 37502    | 1.06   | cps   |
| Chromium   | 52-2  | 1563     | 1553     | 1483     | 1533     | 2.84   | cps   |
| Cobalt     | 59-2  | 210      | 273      | 200      | 228      | 17.46  | cps   |
| Copper     | 63-2  | 3697     | 3931     | 3734     | 3787     | 3.31   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 42       | 19       | 99.00  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 23       | 12       | 78.69  | cps   |
| Erbium     | 164-1 | 75       | 42       | 58       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 13       | 27       | 33       | 24       | 41.66  | cps   |
| Gadolinium | 160-1 | 142      | 125      | 117      | 128      | 9.97   | cps   |
| Gadolinium | 160-2 | 87       | 43       | 83       | 71       | 33.92  | cps   |
| Holmium    | 165-1 | 15470473 | 15461383 | 15439962 | 15457272 | 0.10   | cps   |
| Holmium    | 165-2 | 8241911  | 8286842  | 8221568  | 8250107  | 0.40   | cps   |
| Indium     | 115-1 | 13269373 | 13294626 | 13364669 | 13309556 | 0.37   | cps   |
| Indium     | 115-2 | 2617172  | 2586719  | 2576126  | 2593339  | 0.82   | cps   |
| Iron       | 56-2  | 15435    | 13857    | 13690    | 14327    | 6.72   | cps   |
| Iron       | 57-2  | 261      | 356      | 344      | 320      | 16.11  | cps   |
| Lead       | 206-1 | 8131     | 8386     | 8219     | 8245     | 1.57   | cps   |
| Lead       | 207-1 | 6985     | 6802     | 6585     | 6791     | 2.95   | cps   |
| Lead       | 208-1 | 32322    | 31721    | 31844    | 31962    | 0.99   | cps   |
| Lithium    | 6-1   | 2452855  | 2444378  | 2463465  | 2453566  | 0.39   | cps   |
| Magnesium  | 24-2  | 1643     | 808      | 658      | 1037     | 51.18  | cps   |
| Manganese  | 55-2  | 167      | 110      | 127      | 134      | 21.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:44:14 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1800     | 2567     | 3042     | 2470     | 25.37   | cps   |
| Molybdenum | 95-1  | 2059     | 3100     | 4101     | 3087     | 33.08   | cps   |
| Molybdenum | 96-1  | 2459     | 3376     | 4801     | 3545     | 33.30   | cps   |
| Molybdenum | 97-1  | 1358     | 2275     | 2709     | 2114     | 32.61   | cps   |
| Molybdenum | 98-1  | 3409     | 5059     | 7052     | 5173     | 35.26   | cps   |
| Neodymium  | 150-1 | 20       | 0        | 7        | 9        | 114.55  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 313      | 287      | 347      | 316      | 9.53    | cps   |
| Phosphorus | 31-2  | 508      | 517      | 592      | 539      | 8.52    | cps   |
| Potassium  | 39-2  | 61478    | 62340    | 61762    | 61860    | 0.71    | cps   |
| Rhodium    | 103-1 | 12222934 | 12456436 | 12388310 | 12355893 | 0.97    | cps   |
| Rhodium    | 103-2 | 6134453  | 6208692  | 6099104  | 6147416  | 0.91    | cps   |
| Scandium   | 45-1  | 8471790  | 8612735  | 8562906  | 8549144  | 0.84    | cps   |
| Scandium   | 45-2  | 408238   | 405015   | 406879   | 406710   | 0.40    | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00    | cps   |
| Selenium   | 78-2  | 170      | 161      | 181      | 171      | 5.96    | cps   |
| Selenium   | 82-1  | -229     | 192      | -80      | -39      | -546.17 | cps   |
| Silicon    | 28-1  | 649322   | 643983   | 640808   | 644705   | 0.67    | cps   |
| Silver     | 109-1 | 267      | 283      | 225      | 258      | 11.63   | cps   |
| Silver     | 107-1 | 400      | 308      | 317      | 342      | 14.84   | cps   |
| Sodium     | 23-2  | 49504    | 48613    | 47760    | 48626    | 1.79    | cps   |
| Strontium  | 86-1  | 7652     | 7019     | 7377     | 7349     | 4.32    | cps   |
| Strontium  | 88-1  | 892      | 858      | 608      | 786      | 19.70   | cps   |
| Sulfur     | 34-1  | 862523   | 866076   | 866681   | 865093   | 0.26    | cps   |
| Terbium    | 159-1 | 16353761 | 16188047 | 16301920 | 16281243 | 0.52    | cps   |
| Terbium    | 159-2 | 8453027  | 8225926  | 8206053  | 8295002  | 1.65    | cps   |
| Thallium   | 203-1 | 567      | 717      | 750      | 678      | 14.41   | cps   |
| Thallium   | 205-1 | 1684     | 1442     | 1483     | 1536     | 8.41    | cps   |
| Tin        | 118-1 | 1900     | 2625     | 3059     | 2528     | 23.16   | cps   |
| Titanium   | 47-1  | 242      | 258      | 217      | 239      | 8.78    | cps   |
| Uranium    | 238-1 | 633      | 517      | 542      | 564      | 10.89   | cps   |
| Vanadium   | 51-2  | 47       | 40       | 37       | 41       | 12.39   | cps   |
| Yttrium    | 89-1  | 13373802 | 13411972 | 13624477 | 13470084 | 1.00    | cps   |
| Yttrium    | 89-2  | 2021058  | 2009239  | 1997813  | 2009370  | 0.58    | cps   |
| Zinc       | 66-2  | 257      | 213      | 260      | 243      | 10.70   | cps   |
| Zirconium  | 90-1  | 1609     | 1825     | 1825     | 1753     | 7.14    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:44:14 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 417  | 417  | 403     | 5.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 14957246  | 14949540  | 14988846  | 14965211  | 0.14   | cps   |
| Antimony   | 121-1 | 25491     | 27094     | 29148     | 27244     | 6.73   | cps   |
| Arsenic    | 75-2  | 363       | 285       | 331       | 327       | 11.98  | cps   |
| Barium     | 135-1 | 5526      | 5910      | 5810      | 5749      | 3.46   | cps   |
| Barium     | 137-1 | 9996      | 9629      | 9645      | 9757      | 2.12   | cps   |
| Beryllium  | 9-1   | 1078      | 1033      | 900       | 1004      | 9.22   | cps   |
| Bismuth    | 209-1 | 9804637   | 9695336   | 9866848   | 9788940   | 0.89   | cps   |
| Bismuth    | 209-2 | 6068915   | 6110619   | 6062577   | 6080704   | 0.43   | cps   |
| Boron      | 10-1  | 2875      | 2725      | 2909      | 2836      | 3.44   | cps   |
| Boron      | 11-1  | 14224     | 13523     | 13849     | 13865     | 2.53   | cps   |
| Cadmium    | 111-1 | 5543      | 5879      | 5533      | 5652      | 3.48   | cps   |
| Cadmium    | 106-1 | 5160      | 5660      | 4993      | 5271      | 6.59   | cps   |
| Cadmium    | 108-1 | 4605      | 4722      | 4543      | 4623      | 1.97   | cps   |
| Calcium    | 43-1  | 4793779   | 4736562   | 4758893   | 4763078   | 0.61   | cps   |
| Calcium    | 44-1  | 75967308  | 76179450  | 76970293  | 76372350  | 0.69   | cps   |
| Chromium   | 52-2  | 106706    | 108962    | 107461    | 107710    | 1.07   | cps   |
| Cobalt     | 59-2  | 10511     | 10074     | 10414     | 10333     | 2.22   | cps   |
| Copper     | 63-2  | 55441     | 55605     | 56057     | 55701     | 0.57   | cps   |
| Dysprosium | 156-1 | 75        | 158       | 25        | 86        | 78.22  | cps   |
| Dysprosium | 156-2 | 43        | 57        | 23        | 41        | 40.82  | cps   |
| Erbium     | 164-1 | 117       | 58        | 117       | 97        | 34.64  | cps   |
| Erbium     | 164-2 | 47        | 67        | 47        | 53        | 21.65  | cps   |
| Gadolinium | 160-1 | 225       | 258       | 150       | 211       | 26.28  | cps   |
| Gadolinium | 160-2 | 80        | 97        | 110       | 96        | 15.73  | cps   |
| Holmium    | 165-1 | 15651031  | 15686168  | 15505735  | 15614311  | 0.61   | cps   |
| Holmium    | 165-2 | 8234369   | 8235569   | 8197412   | 8222450   | 0.26   | cps   |
| Indium     | 115-1 | 12740459  | 12697950  | 12838111  | 12758840  | 0.56   | cps   |
| Indium     | 115-2 | 2485640   | 2489989   | 2513936   | 2496521   | 0.61   | cps   |
| Iron       | 56-2  | 440929554 | 446340521 | 441803121 | 443024399 | 0.66   | cps   |
| Iron       | 57-2  | 10991686  | 11060596  | 10963091  | 11005124  | 0.46   | cps   |
| Lead       | 206-1 | 60672     | 59840     | 59589     | 60033     | 0.94   | cps   |
| Lead       | 207-1 | 48333     | 46916     | 48121     | 47790     | 1.60   | cps   |
| Lead       | 208-1 | 227802    | 226004    | 226418    | 226742    | 0.42   | cps   |
| Lithium    | 6-1   | 2344911   | 2363847   | 2375764   | 2361507   | 0.66   | cps   |
| Magnesium  | 24-2  | 39505738  | 39211655  | 39610317  | 39442570  | 0.52   | cps   |
| Manganese  | 55-2  | 23796     | 23352     | 23269     | 23472     | 1.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 8693117  | 8660051  | 8587209  | 8646792  | 0.63    | cps   |
| Molybdenum | 95-1  | 15285726 | 15349838 | 15273734 | 15303099 | 0.27    | cps   |
| Molybdenum | 96-1  | 16544130 | 16515206 | 16427240 | 16495525 | 0.37    | cps   |
| Molybdenum | 97-1  | 9563523  | 9460684  | 9429958  | 9484721  | 0.74    | cps   |
| Molybdenum | 98-1  | 24788888 | 24839547 | 24750293 | 24792909 | 0.18    | cps   |
| Neodymium  | 150-1 | 67       | 113      | 40       | 73       | 50.62   | cps   |
| Neodymium  | 150-2 | 27       | 33       | 43       | 34       | 24.35   | cps   |
| Nickel     | 60-2  | 12355    | 12392    | 12192    | 12313    | 0.87    | cps   |
| Phosphorus | 31-2  | 896372   | 900408   | 907951   | 901577   | 0.65    | cps   |
| Potassium  | 39-2  | 38924507 | 39140304 | 39214822 | 39093211 | 0.39    | cps   |
| Rhodium    | 103-1 | 11528830 | 11604305 | 11648724 | 11593953 | 0.52    | cps   |
| Rhodium    | 103-2 | 5665485  | 5662034  | 5682869  | 5670129  | 0.20    | cps   |
| Scandium   | 45-1  | 8306696  | 8423650  | 8497369  | 8409238  | 1.14    | cps   |
| Scandium   | 45-2  | 403995   | 403810   | 401070   | 402958   | 0.41    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 124      | 115      | 141      | 127      | 10.38   | cps   |
| Selenium   | 82-1  | -390     | -44      | 65       | -123     | -193.50 | cps   |
| Silicon    | 28-1  | 898136   | 899564   | 912519   | 903406   | 0.88    | cps   |
| Silver     | 109-1 | 1392     | 1675     | 1850     | 1639     | 14.11   | cps   |
| Silver     | 107-1 | 1667     | 2009     | 2217     | 1964     | 14.14   | cps   |
| Sodium     | 23-2  | 77525337 | 77536670 | 78132479 | 77731495 | 0.45    | cps   |
| Strontium  | 86-1  | 175400   | 177113   | 178453   | 176989   | 0.86    | cps   |
| Strontium  | 88-1  | 1481075  | 1481976  | 1473888  | 1478979  | 0.30    | cps   |
| Sulfur     | 34-1  | 6704770  | 6683346  | 6691607  | 6693241  | 0.16    | cps   |
| Terbium    | 159-1 | 16198021 | 16169303 | 16252115 | 16206480 | 0.26    | cps   |
| Terbium    | 159-2 | 8111294  | 8126508  | 8137839  | 8125213  | 0.16    | cps   |
| Thallium   | 203-1 | 1017     | 1158     | 1042     | 1072     | 7.05    | cps   |
| Thallium   | 205-1 | 2009     | 2350     | 2250     | 2203     | 7.98    | cps   |
| Tin        | 118-1 | 3701     | 3634     | 4268     | 3867     | 9.00    | cps   |
| Titanium   | 47-1  | 4690107  | 4618724  | 4737877  | 4682236  | 1.28    | cps   |
| Uranium    | 238-1 | 1800     | 1925     | 2084     | 1936     | 7.33    | cps   |
| Vanadium   | 51-2  | 790      | 880      | 773      | 814      | 7.05    | cps   |
| Yttrium    | 89-1  | 13388279 | 13255806 | 13294710 | 13312931 | 0.51    | cps   |
| Yttrium    | 89-2  | 1982190  | 1989861  | 2009899  | 1993983  | 0.72    | cps   |
| Zinc       | 66-2  | 10948    | 10831    | 11148    | 10975    | 1.46    | cps   |
| Zirconium  | 90-1  | 6202     | 5893     | 6402     | 6166     | 4.16    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:47:45 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1400 | 1467 | 1550 | 1472    | 5.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15058614  | 15144900  | 15159888  | 15121134  | 0.36   | cps   |
| Antimony   | 121-1 | 315918    | 317670    | 316123    | 316570    | 0.30   | cps   |
| Arsenic    | 75-2  | 12459     | 12339     | 12689     | 12496     | 1.42   | cps   |
| Barium     | 135-1 | 80768     | 80760     | 79293     | 80274     | 1.06   | cps   |
| Barium     | 137-1 | 137047    | 136784    | 136331    | 136721    | 0.26   | cps   |
| Beryllium  | 9-1   | 63868     | 64063     | 64504     | 64145     | 0.51   | cps   |
| Bismuth    | 209-1 | 9750530   | 9773429   | 9837631   | 9787197   | 0.46   | cps   |
| Bismuth    | 209-2 | 6052689   | 6107221   | 6106660   | 6088857   | 0.51   | cps   |
| Boron      | 10-1  | 24529     | 23945     | 24629     | 24368     | 1.52   | cps   |
| Boron      | 11-1  | 116498    | 116942    | 117109    | 116850    | 0.27   | cps   |
| Cadmium    | 111-1 | 86109     | 86856     | 86119     | 86361     | 0.50   | cps   |
| Cadmium    | 106-1 | 16427     | 17111     | 16852     | 16797     | 2.06   | cps   |
| Cadmium    | 108-1 | 11376     | 10938     | 11230     | 11181     | 1.99   | cps   |
| Calcium    | 43-1  | 4761960   | 4849349   | 4768956   | 4793422   | 1.01   | cps   |
| Calcium    | 44-1  | 76063423  | 77643893  | 77027904  | 76911740  | 1.04   | cps   |
| Chromium   | 52-2  | 217380    | 215755    | 217970    | 217035    | 0.53   | cps   |
| Cobalt     | 59-2  | 182661    | 184760    | 186596    | 184673    | 1.07   | cps   |
| Copper     | 63-2  | 181938    | 181014    | 182435    | 181796    | 0.40   | cps   |
| Dysprosium | 156-1 | 42        | 33        | 58        | 44        | 28.65  | cps   |
| Dysprosium | 156-2 | 40        | 27        | 37        | 34        | 20.14  | cps   |
| Erbium     | 164-1 | 117       | 83        | 167       | 122       | 34.32  | cps   |
| Erbium     | 164-2 | 67        | 67        | 77        | 70        | 8.25   | cps   |
| Gadolinium | 160-1 | 225       | 167       | 242       | 211       | 18.66  | cps   |
| Gadolinium | 160-2 | 133       | 100       | 113       | 116       | 14.52  | cps   |
| Holmium    | 165-1 | 15348635  | 15543699  | 15444965  | 15445766  | 0.63   | cps   |
| Holmium    | 165-2 | 8208774   | 8252632   | 8248367   | 8236591   | 0.29   | cps   |
| Indium     | 115-1 | 12743174  | 12888824  | 12928723  | 12853574  | 0.76   | cps   |
| Indium     | 115-2 | 2545780   | 2539647   | 2549866   | 2545098   | 0.20   | cps   |
| Iron       | 56-2  | 437577043 | 436893610 | 445235177 | 439901943 | 1.05   | cps   |
| Iron       | 57-2  | 10776710  | 10876083  | 10930001  | 10860931  | 0.72   | cps   |
| Lead       | 206-1 | 295540    | 292267    | 292747    | 293518    | 0.60   | cps   |
| Lead       | 207-1 | 249783    | 247174    | 248430    | 248462    | 0.53   | cps   |
| Lead       | 208-1 | 1155234   | 1142239   | 1144196   | 1147223   | 0.61   | cps   |
| Lithium    | 6-1   | 2331665   | 2355060   | 2372373   | 2353033   | 0.87   | cps   |
| Magnesium  | 24-2  | 39025484  | 39204487  | 39725229  | 39318400  | 0.92   | cps   |
| Manganese  | 55-2  | 82879     | 82667     | 84391     | 83312     | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9419617  | 9352434  | 9421400  | 9397817  | 0.42   | cps   |
| Molybdenum | 95-1  | 15741812 | 15647984 | 15738628 | 15709475 | 0.34   | cps   |
| Molybdenum | 96-1  | 16873128 | 17036887 | 16938340 | 16949452 | 0.49   | cps   |
| Molybdenum | 97-1  | 9792511  | 9818705  | 9704455  | 9771890  | 0.61   | cps   |
| Molybdenum | 98-1  | 25342521 | 25189869 | 25342621 | 25291671 | 0.35   | cps   |
| Neodymium  | 150-1 | 133      | 100      | 80       | 104      | 25.80  | cps   |
| Neodymium  | 150-2 | 7        | 23       | 37       | 22       | 67.63  | cps   |
| Nickel     | 60-2  | 58312    | 59346    | 59273    | 58977    | 0.98   | cps   |
| Phosphorus | 31-2  | 910002   | 911264   | 922077   | 914448   | 0.73   | cps   |
| Potassium  | 39-2  | 39264437 | 39536703 | 39800181 | 39533774 | 0.68   | cps   |
| Rhodium    | 103-1 | 11639851 | 11810483 | 11732411 | 11727582 | 0.73   | cps   |
| Rhodium    | 103-2 | 5705905  | 5766093  | 5691745  | 5721248  | 0.69   | cps   |
| Scandium   | 45-1  | 8448774  | 8550373  | 8673367  | 8557505  | 1.31   | cps   |
| Scandium   | 45-2  | 414955   | 415097   | 415236   | 415096   | 0.03   | cps   |
| Selenium   | 77-2  | 260      | 227      | 240      | 242      | 6.93   | cps   |
| Selenium   | 78-2  | 954      | 1030     | 870      | 951      | 8.37   | cps   |
| Selenium   | 82-1  | 5240     | 4510     | 4939     | 4896     | 7.50   | cps   |
| Silicon    | 28-1  | 1458623  | 1472739  | 1472426  | 1467929  | 0.55   | cps   |
| Silver     | 109-1 | 353942   | 355636   | 352589   | 354056   | 0.43   | cps   |
| Silver     | 107-1 | 368976   | 367837   | 369862   | 368892   | 0.28   | cps   |
| Sodium     | 23-2  | 77273331 | 77798664 | 77769848 | 77613948 | 0.38   | cps   |
| Strontium  | 86-1  | 418952   | 411486   | 420177   | 416872   | 1.13   | cps   |
| Strontium  | 88-1  | 3571468  | 3564556  | 3597944  | 3577989  | 0.49   | cps   |
| Sulfur     | 34-1  | 6692349  | 6776773  | 6652258  | 6707127  | 0.95   | cps   |
| Terbium    | 159-1 | 16195388 | 16224792 | 16249121 | 16223100 | 0.17   | cps   |
| Terbium    | 159-2 | 8296679  | 8150461  | 8239473  | 8228871  | 0.90   | cps   |
| Thallium   | 203-1 | 290405   | 289157   | 294209   | 291257   | 0.90   | cps   |
| Thallium   | 205-1 | 700724   | 693067   | 698125   | 697306   | 0.56   | cps   |
| Tin        | 118-1 | 593401   | 594654   | 597903   | 595320   | 0.39   | cps   |
| Titanium   | 47-1  | 4802605  | 4852987  | 4875539  | 4843710  | 0.77   | cps   |
| Uranium    | 238-1 | 2343826  | 2311731  | 2323132  | 2326230  | 0.70   | cps   |
| Vanadium   | 51-2  | 90294    | 87445    | 89288    | 89009    | 1.62   | cps   |
| Yttrium    | 89-1  | 13302487 | 13630286 | 13402853 | 13445208 | 1.25   | cps   |
| Yttrium    | 89-2  | 2005581  | 2019695  | 2025022  | 2016766  | 0.50   | cps   |
| Zinc       | 66-2  | 29373    | 28959    | 29146    | 29159    | 0.71   | cps   |
| Zirconium  | 90-1  | 1280379  | 1301808  | 1282933  | 1288374  | 0.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 12:51:12 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 285275 | 284316 | 284416 | 284669  | 0.19   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1578123   | 1594841   | 1583728   | 1585564   | 0.54   | cps   |
| Antimony   | 121-1 | 7973539   | 7945880   | 7937376   | 7952265   | 0.24   | cps   |
| Arsenic    | 75-2  | 314886    | 316357    | 317092    | 316112    | 0.36   | cps   |
| Barium     | 135-1 | 9576495   | 9496142   | 9660686   | 9577774   | 0.86   | cps   |
| Barium     | 137-1 | 16195114  | 16346588  | 16260658  | 16267453  | 0.47   | cps   |
| Beryllium  | 9-1   | 1594240   | 1605265   | 1593512   | 1597672   | 0.41   | cps   |
| Bismuth    | 209-1 | 9427439   | 10010303  | 9934103   | 9790615   | 3.24   | cps   |
| Bismuth    | 209-2 | 6230796   | 6318169   | 6265167   | 6271377   | 0.70   | cps   |
| Boron      | 10-1  | 215753    | 223869    | 221288    | 220303    | 1.88   | cps   |
| Boron      | 11-1  | 1066970   | 1081087   | 1076323   | 1074793   | 0.67   | cps   |
| Cadmium    | 111-1 | 2057261   | 2060347   | 2077554   | 2065054   | 0.53   | cps   |
| Cadmium    | 106-1 | 234943    | 236266    | 236764    | 235991    | 0.40   | cps   |
| Cadmium    | 108-1 | 150636    | 152641    | 151412    | 151563    | 0.67   | cps   |
| Calcium    | 43-1  | 2421929   | 2435093   | 2447487   | 2434837   | 0.52   | cps   |
| Calcium    | 44-1  | 39481202  | 39306408  | 40036925  | 39608178  | 0.96   | cps   |
| Chromium   | 52-2  | 2759518   | 2782573   | 2789667   | 2777253   | 0.57   | cps   |
| Cobalt     | 59-2  | 4448480   | 4516789   | 4492183   | 4485817   | 0.77   | cps   |
| Copper     | 63-2  | 6543168   | 6560841   | 6481097   | 6528369   | 0.64   | cps   |
| Dysprosium | 156-1 | 183       | 158       | 117       | 153       | 22.04  | cps   |
| Dysprosium | 156-2 | 67        | 53        | 23        | 48        | 46.46  | cps   |
| Erbium     | 164-1 | 108       | 75        | 92        | 92        | 18.18  | cps   |
| Erbium     | 164-2 | 50        | 47        | 27        | 41        | 30.69  | cps   |
| Gadolinium | 160-1 | 183       | 250       | 225       | 219       | 15.35  | cps   |
| Gadolinium | 160-2 | 60        | 100       | 67        | 76        | 28.36  | cps   |
| Holmium    | 165-1 | 14429218  | 15510532  | 15369265  | 15103005  | 3.89   | cps   |
| Holmium    | 165-2 | 8136219   | 8147597   | 8149749   | 8144522   | 0.09   | cps   |
| Indium     | 115-1 | 11902678  | 12820456  | 12996979  | 12573371  | 4.67   | cps   |
| Indium     | 115-2 | 2510920   | 2543888   | 2536325   | 2530378   | 0.68   | cps   |
| Iron       | 56-2  | 114147936 | 115439583 | 113794722 | 114460747 | 0.76   | cps   |
| Iron       | 57-2  | 2777793   | 2837311   | 2808791   | 2807965   | 1.06   | cps   |
| Lead       | 206-1 | 5965151   | 5979876   | 5972049   | 5972359   | 0.12   | cps   |
| Lead       | 207-1 | 5461302   | 5425619   | 5383803   | 5423575   | 0.72   | cps   |
| Lead       | 208-1 | 24322114  | 24412571  | 24136077  | 24290254  | 0.58   | cps   |
| Lithium    | 6-1   | 2237904   | 2361622   | 2387750   | 2329092   | 3.44   | cps   |
| Magnesium  | 24-2  | 20284874  | 20590583  | 20375254  | 20416904  | 0.77   | cps   |
| Manganese  | 55-2  | 3040015   | 3102200   | 3069464   | 3070560   | 1.01   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7537238  | 7512399  | 7467070  | 7505569  | 0.47   | cps   |
| Molybdenum | 95-1  | 3983667  | 3974364  | 3969287  | 3975773  | 0.18   | cps   |
| Molybdenum | 96-1  | 5104672  | 5104918  | 5094334  | 5101308  | 0.12   | cps   |
| Molybdenum | 97-1  | 2482386  | 2470551  | 2465672  | 2472870  | 0.35   | cps   |
| Molybdenum | 98-1  | 6499156  | 6496382  | 6487148  | 6494229  | 0.10   | cps   |
| Neodymium  | 150-1 | 587      | 520      | 540      | 549      | 6.23   | cps   |
| Neodymium  | 150-2 | 60       | 47       | 73       | 60       | 22.22  | cps   |
| Nickel     | 60-2  | 1189393  | 1192426  | 1188874  | 1190231  | 0.16   | cps   |
| Phosphorus | 31-2  | 93040    | 94918    | 93375    | 93778    | 1.07   | cps   |
| Potassium  | 39-2  | 10144627 | 10295397 | 10289635 | 10243220 | 0.83   | cps   |
| Rhodium    | 103-1 | 11160283 | 11975544 | 11885728 | 11673852 | 3.83   | cps   |
| Rhodium    | 103-2 | 5776543  | 5878886  | 5862501  | 5839310  | 0.94   | cps   |
| Scandium   | 45-1  | 8022907  | 8504038  | 8653190  | 8393378  | 3.92   | cps   |
| Scandium   | 45-2  | 411687   | 414547   | 414485   | 413573   | 0.39   | cps   |
| Selenium   | 77-2  | 6328     | 6295     | 6238     | 6287     | 0.72   | cps   |
| Selenium   | 78-2  | 21225    | 21292    | 21336    | 21284    | 0.26   | cps   |
| Selenium   | 82-1  | 131450   | 129241   | 130812   | 130501   | 0.87   | cps   |
| Silicon    | 28-1  | 5958782  | 6097206  | 6091147  | 6049045  | 1.29   | cps   |
| Silver     | 109-1 | 9767871  | 9777898  | 9804943  | 9783571  | 0.20   | cps   |
| Silver     | 107-1 | 10124054 | 10155002 | 10146444 | 10141834 | 0.16   | cps   |
| Sodium     | 23-2  | 39884514 | 40211325 | 40277320 | 40124386 | 0.52   | cps   |
| Strontium  | 86-1  | 3010758  | 2981390  | 2963359  | 2985169  | 0.80   | cps   |
| Strontium  | 88-1  | 26246597 | 26431168 | 25931102 | 26202956 | 0.97   | cps   |
| Sulfur     | 34-1  | 1681625  | 1696496  | 1695614  | 1691245  | 0.49   | cps   |
| Terbium    | 159-1 | 15256682 | 16061836 | 16301683 | 15873400 | 3.45   | cps   |
| Terbium    | 159-2 | 8167711  | 8133466  | 8155694  | 8152290  | 0.21   | cps   |
| Thallium   | 203-1 | 7548801  | 7598771  | 7539088  | 7562220  | 0.42   | cps   |
| Thallium   | 205-1 | 18012880 | 18157444 | 18121589 | 18097304 | 0.42   | cps   |
| Tin        | 118-1 | 6605041  | 6701576  | 6723962  | 6676860  | 0.95   | cps   |
| Titanium   | 47-1  | 1201836  | 1195947  | 1218572  | 1205452  | 0.97   | cps   |
| Uranium    | 238-1 | 25341094 | 25515045 | 25132821 | 25329653 | 0.76   | cps   |
| Vanadium   | 51-2  | 2263412  | 2269196  | 2269933  | 2267513  | 0.16   | cps   |
| Yttrium    | 89-1  | 12708537 | 13627514 | 13526344 | 13287465 | 3.79   | cps   |
| Yttrium    | 89-2  | 1997699  | 2037446  | 2017571  | 2017572  | 0.99   | cps   |
| Zinc       | 66-2  | 916940   | 915854   | 920963   | 917919   | 0.29   | cps   |
| Zirconium  | 90-1  | 14206187 | 14200733 | 14088027 | 14164982 | 0.47   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV075              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV075              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 12:54:39 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3109119 | 3104761 | 3100944 | 3104941 | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB075              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB075              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:12:46 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 125      | 92       | 100      | 106      | 16.44  | cps   |
| Antimony   | 121-1 | 13315    | 18179    | 24539    | 18678    | 30.13  | cps   |
| Arsenic    | 75-2  | 89       | 78       | 115      | 94       | 20.26  | cps   |
| Barium     | 135-1 | 142      | 133      | 117      | 131      | 9.75   | cps   |
| Barium     | 137-1 | 183      | 225      | 300      | 236      | 25.04  | cps   |
| Beryllium  | 9-1   | 128      | 128      | 89       | 115      | 19.56  | cps   |
| Bismuth    | 209-1 | 10259480 | 10339717 | 10303625 | 10300941 | 0.39   | cps   |
| Bismuth    | 209-2 | 6412722  | 6472794  | 6428698  | 6438072  | 0.48   | cps   |
| Boron      | 10-1  | 1684     | 1650     | 1867     | 1734     | 6.73   | cps   |
| Boron      | 11-1  | 7944     | 8011     | 7944     | 7966     | 0.48   | cps   |
| Cadmium    | 111-1 | 3593     | 3685     | 3399     | 3559     | 4.10   | cps   |
| Cadmium    | 106-1 | 5093     | 5243     | 4851     | 5062     | 3.91   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 38       | 28       | 31.23  | cps   |
| Calcium    | 43-1  | 575      | 558      | 567      | 567      | 1.47   | cps   |
| Calcium    | 44-1  | 33957    | 34141    | 34734    | 34277    | 1.18   | cps   |
| Chromium   | 52-2  | 1630     | 1620     | 1613     | 1621     | 0.52   | cps   |
| Cobalt     | 59-2  | 223      | 273      | 293      | 263      | 13.69  | cps   |
| Copper     | 63-2  | 4361     | 4664     | 4591     | 4539     | 3.49   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 58       | 69       | 13.85  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 20       | 10       | 100.00 | cps   |
| Erbium     | 164-1 | 92       | 83       | 33       | 69       | 45.44  | cps   |
| Erbium     | 164-2 | 7        | 10       | 30       | 16       | 81.11  | cps   |
| Gadolinium | 160-1 | 183      | 167      | 167      | 172      | 5.59   | cps   |
| Gadolinium | 160-2 | 37       | 50       | 100      | 62       | 53.66  | cps   |
| Holmium    | 165-1 | 15330970 | 15428994 | 15554861 | 15438275 | 0.73   | cps   |
| Holmium    | 165-2 | 8192673  | 8256228  | 8146490  | 8198463  | 0.67   | cps   |
| Indium     | 115-1 | 13129151 | 13070850 | 13043503 | 13081168 | 0.33   | cps   |
| Indium     | 115-2 | 2581959  | 2589739  | 2581881  | 2584527  | 0.17   | cps   |
| Iron       | 56-2  | 14407    | 14669    | 13785    | 14287    | 3.18   | cps   |
| Iron       | 57-2  | 422      | 361      | 328      | 370      | 12.93  | cps   |
| Lead       | 206-1 | 6124     | 6357     | 6046     | 6176     | 2.62   | cps   |
| Lead       | 207-1 | 5440     | 5535     | 5518     | 5498     | 0.92   | cps   |
| Lead       | 208-1 | 24954    | 25293    | 24621    | 24956    | 1.35   | cps   |
| Lithium    | 6-1   | 2317749  | 2337749  | 2331404  | 2328967  | 0.44   | cps   |
| Magnesium  | 24-2  | 433      | 375      | 408      | 406      | 7.22   | cps   |
| Manganese  | 55-2  | 370      | 363      | 380      | 371      | 2.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB075              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB075              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:12:46 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1300     | 1784     | 2692     | 1925     | 36.71  | cps   |
| Molybdenum | 95-1  | 1809     | 2392     | 3792     | 2664     | 38.27  | cps   |
| Molybdenum | 96-1  | 2184     | 3000     | 3967     | 3050     | 29.27  | cps   |
| Molybdenum | 97-1  | 1167     | 1442     | 2125     | 1578     | 31.28  | cps   |
| Molybdenum | 98-1  | 2759     | 4568     | 6310     | 4545     | 39.07  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 7        | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 413      | 423      | 503      | 447      | 11.04  | cps   |
| Phosphorus | 31-2  | 617      | 575      | 458      | 550      | 14.92  | cps   |
| Potassium  | 39-2  | 61805    | 62499    | 61612    | 61972    | 0.75   | cps   |
| Rhodium    | 103-1 | 12310069 | 12431951 | 12311972 | 12351331 | 0.57   | cps   |
| Rhodium    | 103-2 | 6126917  | 6216959  | 6072943  | 6138940  | 1.19   | cps   |
| Scandium   | 45-1  | 8526971  | 8523585  | 8485600  | 8512052  | 0.27   | cps   |
| Scandium   | 45-2  | 409364   | 414388   | 410632   | 411461   | 0.63   | cps   |
| Selenium   | 77-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Selenium   | 78-2  | 146      | 139      | 154      | 146      | 5.06   | cps   |
| Selenium   | 82-1  | -95      | -139     | -90      | -108     | -24.91 | cps   |
| Silicon    | 28-1  | 644329   | 646407   | 639425   | 643387   | 0.56   | cps   |
| Silver     | 109-1 | 133      | 125      | 175      | 144      | 18.54  | cps   |
| Silver     | 107-1 | 267      | 275      | 267      | 269      | 1.79   | cps   |
| Sodium     | 23-2  | 38868    | 38075    | 37857    | 38267    | 1.39   | cps   |
| Strontium  | 86-1  | 7461     | 6960     | 7019     | 7147     | 3.83   | cps   |
| Strontium  | 88-1  | 567      | 692      | 575      | 611      | 11.44  | cps   |
| Sulfur     | 34-1  | 837775   | 847054   | 840551   | 841793   | 0.57   | cps   |
| Terbium    | 159-1 | 16148082 | 16029594 | 15991982 | 16056553 | 0.51   | cps   |
| Terbium    | 159-2 | 8168203  | 8123566  | 8159113  | 8150294  | 0.29   | cps   |
| Thallium   | 203-1 | 375      | 492      | 408      | 425      | 14.14  | cps   |
| Thallium   | 205-1 | 758      | 950      | 875      | 861      | 11.22  | cps   |
| Tin        | 118-1 | 1125     | 1108     | 1383     | 1206     | 12.79  | cps   |
| Titanium   | 47-1  | 475      | 325      | 492      | 431      | 21.32  | cps   |
| Uranium    | 238-1 | 192      | 175      | 200      | 189      | 6.74   | cps   |
| Vanadium   | 51-2  | 47       | 27       | 40       | 38       | 26.95  | cps   |
| Yttrium    | 89-1  | 13498459 | 13464226 | 13424117 | 13462268 | 0.28   | cps   |
| Yttrium    | 89-2  | 2015692  | 2029882  | 2012641  | 2019405  | 0.46   | cps   |
| Zinc       | 66-2  | 293      | 290      | 210      | 264      | 17.84  | cps   |
| Zirconium  | 90-1  | 1083     | 1267     | 1542     | 1297     | 17.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB075              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB075              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:12:46 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 267  | 292  | 272     | 6.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 603304    | 600430    | 599404    | 601046    | 0.34   | cps   |
| Antimony   | 121-1 | 17078     | 18747     | 20124     | 18649     | 8.18   | cps   |
| Arsenic    | 75-2  | 8838      | 8640      | 8595      | 8691      | 1.49   | cps   |
| Barium     | 135-1 | 356717    | 355844    | 352163    | 354908    | 0.68   | cps   |
| Barium     | 137-1 | 613768    | 610319    | 604642    | 609576    | 0.76   | cps   |
| Beryllium  | 9-1   | 1572      | 1572      | 1489      | 1545      | 3.11   | cps   |
| Bismuth    | 209-1 | 10332930  | 10240400  | 10209773  | 10261034  | 0.62   | cps   |
| Bismuth    | 209-2 | 6354915   | 6356837   | 6316292   | 6342681   | 0.36   | cps   |
| Boron      | 10-1  | 1934      | 1934      | 1775      | 1881      | 4.86   | cps   |
| Boron      | 11-1  | 9287      | 9595      | 9103      | 9328      | 2.67   | cps   |
| Cadmium    | 111-1 | 18281     | 17814     | 18881     | 18325     | 2.92   | cps   |
| Cadmium    | 106-1 | 6427      | 6277      | 6927      | 6543      | 5.20   | cps   |
| Cadmium    | 108-1 | 983       | 1058      | 1150      | 1064      | 7.85   | cps   |
| Calcium    | 43-1  | 2775173   | 2805936   | 2783484   | 2788198   | 0.57   | cps   |
| Calcium    | 44-1  | 44985693  | 45490510  | 45016954  | 45164386  | 0.63   | cps   |
| Chromium   | 52-2  | 120436    | 117682    | 118828    | 118982    | 1.16   | cps   |
| Cobalt     | 59-2  | 72431     | 72910     | 73433     | 72925     | 0.69   | cps   |
| Copper     | 63-2  | 376175    | 376119    | 378372    | 376889    | 0.34   | cps   |
| Dysprosium | 156-1 | 27128     | 27771     | 27111     | 27337     | 1.37   | cps   |
| Dysprosium | 156-2 | 13780     | 13657     | 13730     | 13723     | 0.45   | cps   |
| Erbium     | 164-1 | 20992     | 21468     | 20758     | 21073     | 1.72   | cps   |
| Erbium     | 164-2 | 10945     | 11432     | 11015     | 11130     | 2.37   | cps   |
| Gadolinium | 160-1 | 26151     | 26376     | 25299     | 25942     | 2.19   | cps   |
| Gadolinium | 160-2 | 15526     | 14938     | 15345     | 15270     | 1.97   | cps   |
| Holmium    | 165-1 | 15565291  | 15583621  | 15462802  | 15537238  | 0.42   | cps   |
| Holmium    | 165-2 | 8103111   | 8062001   | 8059646   | 8074919   | 0.30   | cps   |
| Indium     | 115-1 | 12919893  | 12812793  | 12894137  | 12875608  | 0.43   | cps   |
| Indium     | 115-2 | 2541463   | 2537992   | 2521871   | 2533776   | 0.41   | cps   |
| Iron       | 56-2  | 144864314 | 143848798 | 143157253 | 143956788 | 0.60   | cps   |
| Iron       | 57-2  | 3525787   | 3529673   | 3503750   | 3519737   | 0.40   | cps   |
| Lead       | 206-1 | 74614027  | 74988224  | 75012227  | 74871492  | 0.30   | cps   |
| Lead       | 207-1 | 63431526  | 62908143  | 63305883  | 63215184  | 0.43   | cps   |
| Lead       | 208-1 | 290294651 | 289813143 | 289515752 | 289874515 | 0.14   | cps   |
| Lithium    | 6-1   | 2404885   | 2402478   | 2416463   | 2407942   | 0.31   | cps   |
| Magnesium  | 24-2  | 10395815  | 10302717  | 10200736  | 10299756  | 0.95   | cps   |
| Manganese  | 55-2  | 4033869   | 4040080   | 4015992   | 4029980   | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 19581    | 19430    | 19631    | 19547    | 0.53   | cps   |
| Molybdenum | 95-1  | 15034    | 14366    | 14650    | 14683    | 2.28   | cps   |
| Molybdenum | 96-1  | 18413    | 17411    | 18104    | 17976    | 2.85   | cps   |
| Molybdenum | 97-1  | 8986     | 8886     | 9337     | 9070     | 2.61   | cps   |
| Molybdenum | 98-1  | 22919    | 23662    | 23362    | 23314    | 1.60   | cps   |
| Neodymium  | 150-1 | 40106    | 38348    | 39304    | 39252    | 2.24   | cps   |
| Neodymium  | 150-2 | 16266    | 16493    | 15916    | 16225    | 1.79   | cps   |
| Nickel     | 60-2  | 51092    | 51152    | 51373    | 51206    | 0.29   | cps   |
| Phosphorus | 31-2  | 3584     | 3701     | 3451     | 3578     | 3.50   | cps   |
| Potassium  | 39-2  | 309963   | 312282   | 315549   | 312598   | 0.90   | cps   |
| Rhodium    | 103-1 | 12074927 | 12171072 | 12014380 | 12086793 | 0.65   | cps   |
| Rhodium    | 103-2 | 5925030  | 5928641  | 5924747  | 5926139  | 0.04   | cps   |
| Scandium   | 45-1  | 8696896  | 8583931  | 8608493  | 8629773  | 0.69   | cps   |
| Scandium   | 45-2  | 407577   | 404776   | 405823   | 406059   | 0.35   | cps   |
| Selenium   | 77-2  | 43       | 67       | 80       | 63       | 29.31  | cps   |
| Selenium   | 78-2  | 196      | 165      | 228      | 196      | 16.04  | cps   |
| Selenium   | 82-1  | 386      | 467      | 335      | 396      | 16.77  | cps   |
| Silicon    | 28-1  | 24141341 | 24309190 | 23792621 | 24081051 | 1.09   | cps   |
| Silver     | 109-1 | 6543     | 7060     | 7486     | 7030     | 6.71   | cps   |
| Silver     | 107-1 | 6960     | 8311     | 7836     | 7702     | 8.90   | cps   |
| Sodium     | 23-2  | 175531   | 173661   | 176459   | 175217   | 0.81   | cps   |
| Strontium  | 86-1  | 260422   | 255839   | 258181   | 258147   | 0.89   | cps   |
| Strontium  | 88-1  | 2211852  | 2197412  | 2178983  | 2196082  | 0.75   | cps   |
| Sulfur     | 34-1  | 1032581  | 1035391  | 1025791  | 1031254  | 0.48   | cps   |
| Terbium    | 159-1 | 16160499 | 16189589 | 15824062 | 16058050 | 1.27   | cps   |
| Terbium    | 159-2 | 8191262  | 8145754  | 8115054  | 8150690  | 0.47   | cps   |
| Thallium   | 203-1 | 1242     | 1383     | 1150     | 1258     | 9.34   | cps   |
| Thallium   | 205-1 | 3076     | 2934     | 2984     | 2998     | 2.40   | cps   |
| Tin        | 118-1 | 36691    | 36582    | 36515    | 36596    | 0.24   | cps   |
| Titanium   | 47-1  | 111847   | 111737   | 112754   | 112113   | 0.50   | cps   |
| Uranium    | 238-1 | 87493    | 85597    | 86773    | 86621    | 1.10   | cps   |
| Vanadium   | 51-2  | 97523    | 97382    | 95198    | 96701    | 1.35   | cps   |
| Yttrium    | 89-1  | 13902411 | 13684274 | 13670728 | 13752471 | 0.95   | cps   |
| Yttrium    | 89-2  | 2014635  | 2027813  | 2013688  | 2018712  | 0.39   | cps   |
| Zinc       | 66-2  | 586101   | 591919   | 586476   | 588165   | 0.55   | cps   |
| Zirconium  | 90-1  | 31227    | 31285    | 31920    | 31477    | 1.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C55              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:41:02 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7235 | 6719 | 7285 | 7080    | 4.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2219070   | 2204800   | 2188314   | 2204061   | 0.70   | cps   |
| Antimony   | 121-1 | 8370      | 8728      | 9529      | 8875      | 6.69   | cps   |
| Arsenic    | 75-2  | 4215      | 4149      | 4064      | 4143      | 1.84   | cps   |
| Barium     | 135-1 | 406122    | 409677    | 411297    | 409032    | 0.65   | cps   |
| Barium     | 137-1 | 717038    | 711692    | 706754    | 711828    | 0.72   | cps   |
| Beryllium  | 9-1   | 4001      | 4101      | 4073      | 4058      | 1.27   | cps   |
| Bismuth    | 209-1 | 10477426  | 10398763  | 10417638  | 10431276  | 0.39   | cps   |
| Bismuth    | 209-2 | 6462810   | 6419833   | 6414732   | 6432458   | 0.41   | cps   |
| Boron      | 10-1  | 1842      | 1633      | 1742      | 1739      | 5.99   | cps   |
| Boron      | 11-1  | 8303      | 7844      | 7619      | 7922      | 4.40   | cps   |
| Cadmium    | 111-1 | 5106      | 5219      | 4828      | 5051      | 3.98   | cps   |
| Cadmium    | 106-1 | 5810      | 5977      | 5535      | 5774      | 3.86   | cps   |
| Cadmium    | 108-1 | 213       | 242       | 221       | 225       | 6.68   | cps   |
| Calcium    | 43-1  | 139427    | 139931    | 140748    | 140036    | 0.48   | cps   |
| Calcium    | 44-1  | 2321686   | 2323993   | 2298438   | 2314706   | 0.61   | cps   |
| Chromium   | 52-2  | 156447    | 155995    | 153837    | 155426    | 0.90   | cps   |
| Cobalt     | 59-2  | 78341     | 79832     | 78334     | 78836     | 1.09   | cps   |
| Copper     | 63-2  | 514611    | 516064    | 511955    | 514210    | 0.41   | cps   |
| Dysprosium | 156-1 | 64335     | 66235     | 65466     | 65345     | 1.46   | cps   |
| Dysprosium | 156-2 | 30120     | 30053     | 30357     | 30177     | 0.53   | cps   |
| Erbium     | 164-1 | 47250     | 46146     | 47994     | 47130     | 1.97   | cps   |
| Erbium     | 164-2 | 24001     | 23788     | 23621     | 23803     | 0.80   | cps   |
| Gadolinium | 160-1 | 57748     | 57656     | 56860     | 57421     | 0.85   | cps   |
| Gadolinium | 160-2 | 33227     | 33615     | 33608     | 33483     | 0.66   | cps   |
| Holmium    | 165-1 | 15492465  | 15527808  | 15472522  | 15497598  | 0.18   | cps   |
| Holmium    | 165-2 | 8177283   | 8074972   | 7978371   | 8076875   | 1.23   | cps   |
| Indium     | 115-1 | 13103823  | 13158446  | 12980933  | 13081067  | 0.70   | cps   |
| Indium     | 115-2 | 2560958   | 2533778   | 2504734   | 2533156   | 1.11   | cps   |
| Iron       | 56-2  | 176949315 | 176096109 | 174809798 | 175951741 | 0.61   | cps   |
| Iron       | 57-2  | 4342631   | 4355983   | 4306235   | 4334950   | 0.59   | cps   |
| Lead       | 206-1 | 39669141  | 39641534  | 39174247  | 39494974  | 0.70   | cps   |
| Lead       | 207-1 | 33440298  | 33618677  | 33217124  | 33425366  | 0.60   | cps   |
| Lead       | 208-1 | 152946069 | 153544646 | 152891962 | 153127559 | 0.24   | cps   |
| Lithium    | 6-1   | 2462915   | 2493121   | 2472920   | 2476318   | 0.62   | cps   |
| Magnesium  | 24-2  | 711973    | 704654    | 703651    | 706760    | 0.64   | cps   |
| Manganese  | 55-2  | 499008    | 496425    | 493979    | 496470    | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 38879    | 39681    | 39506    | 39355    | 1.07   | cps   |
| Molybdenum | 95-1  | 6627     | 6985     | 6527     | 6713     | 3.59   | cps   |
| Molybdenum | 96-1  | 13841    | 14199    | 14566    | 14202    | 2.55   | cps   |
| Molybdenum | 97-1  | 3926     | 4468     | 4234     | 4209     | 6.46   | cps   |
| Molybdenum | 98-1  | 11146    | 10221    | 11272    | 10880    | 5.28   | cps   |
| Neodymium  | 150-1 | 101276   | 101640   | 102695   | 101871   | 0.72   | cps   |
| Neodymium  | 150-2 | 42057    | 40894    | 41733    | 41561    | 1.44   | cps   |
| Nickel     | 60-2  | 41144    | 40891    | 40640    | 40891    | 0.62   | cps   |
| Phosphorus | 31-2  | 1925     | 1967     | 2092     | 1995     | 4.35   | cps   |
| Potassium  | 39-2  | 494048   | 486866   | 480633   | 487183   | 1.38   | cps   |
| Rhodium    | 103-1 | 12058767 | 12161872 | 12079973 | 12100204 | 0.45   | cps   |
| Rhodium    | 103-2 | 6084466  | 6037594  | 5935782  | 6019281  | 1.26   | cps   |
| Scandium   | 45-1  | 8864208  | 8709151  | 8687412  | 8753590  | 1.10   | cps   |
| Scandium   | 45-2  | 405426   | 401629   | 399535   | 402197   | 0.74   | cps   |
| Selenium   | 77-2  | 170      | 187      | 123      | 160      | 20.52  | cps   |
| Selenium   | 78-2  | 169      | 231      | 185      | 195      | 16.73  | cps   |
| Selenium   | 82-1  | 244      | -138     | 202      | 103      | 204.26 | cps   |
| Silicon    | 28-1  | 43085144 | 43852623 | 43430508 | 43456092 | 0.88   | cps   |
| Silver     | 109-1 | 5310     | 6043     | 6168     | 5840     | 7.94   | cps   |
| Silver     | 107-1 | 5927     | 6677     | 6594     | 6399     | 6.43   | cps   |
| Sodium     | 23-2  | 249441   | 247975   | 249176   | 248864   | 0.31   | cps   |
| Strontium  | 86-1  | 106166   | 106703   | 104422   | 105764   | 1.13   | cps   |
| Strontium  | 88-1  | 849202   | 852517   | 857556   | 853092   | 0.49   | cps   |
| Sulfur     | 34-1  | 889943   | 894125   | 884115   | 889395   | 0.57   | cps   |
| Terbium    | 159-1 | 16027838 | 16296494 | 16273246 | 16199193 | 0.92   | cps   |
| Terbium    | 159-2 | 8233669  | 8046564  | 8120801  | 8133678  | 1.16   | cps   |
| Thallium   | 203-1 | 2559     | 2250     | 2517     | 2442     | 6.85   | cps   |
| Thallium   | 205-1 | 5777     | 5843     | 6027     | 5882     | 2.20   | cps   |
| Tin        | 118-1 | 28530    | 29757    | 29724    | 29337    | 2.38   | cps   |
| Titanium   | 47-1  | 173856   | 171724   | 169228   | 171603   | 1.35   | cps   |
| Uranium    | 238-1 | 54691    | 54147    | 53729    | 54189    | 0.89   | cps   |
| Vanadium   | 51-2  | 210098   | 209666   | 208160   | 209308   | 0.49   | cps   |
| Yttrium    | 89-1  | 13855563 | 14131460 | 14209190 | 14065404 | 1.32   | cps   |
| Yttrium    | 89-2  | 2074929  | 2036046  | 2048180  | 2053052  | 0.97   | cps   |
| Zinc       | 66-2  | 61656    | 61272    | 61285    | 61404    | 0.36   | cps   |
| Zirconium  | 90-1  | 96206    | 98109    | 99017    | 97777    | 1.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:44:31 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 22318 | 21642 | 21801 | 21920   | 1.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1842660   | 1831954   | 1824973   | 1833195   | 0.49   | cps   |
| Antimony   | 121-1 | 12206     | 13257     | 12973     | 12812     | 4.24   | cps   |
| Arsenic    | 75-2  | 4905      | 4830      | 4884      | 4873      | 0.79   | cps   |
| Barium     | 135-1 | 351515    | 351882    | 355600    | 352999    | 0.64   | cps   |
| Barium     | 137-1 | 607564    | 603275    | 611840    | 607560    | 0.70   | cps   |
| Beryllium  | 9-1   | 3589      | 3806      | 3645      | 3680      | 3.06   | cps   |
| Bismuth    | 209-1 | 10639950  | 10547483  | 10653835  | 10613756  | 0.54   | cps   |
| Bismuth    | 209-2 | 6456182   | 6430897   | 6425711   | 6437596   | 0.25   | cps   |
| Boron      | 10-1  | 1483      | 1408      | 1467      | 1453      | 2.71   | cps   |
| Boron      | 11-1  | 7052      | 7277      | 7135      | 7155      | 1.59   | cps   |
| Cadmium    | 111-1 | 5133      | 4518      | 4959      | 4870      | 6.50   | cps   |
| Cadmium    | 106-1 | 5685      | 5193      | 5426      | 5435      | 4.53   | cps   |
| Cadmium    | 108-1 | 233       | 208       | 200       | 214       | 8.11   | cps   |
| Calcium    | 43-1  | 120748    | 120252    | 120362    | 120454    | 0.22   | cps   |
| Calcium    | 44-1  | 1987075   | 1965461   | 1984683   | 1979073   | 0.60   | cps   |
| Chromium   | 52-2  | 159778    | 161820    | 161190    | 160930    | 0.65   | cps   |
| Cobalt     | 59-2  | 76676     | 76723     | 76562     | 76653     | 0.11   | cps   |
| Copper     | 63-2  | 772803    | 769359    | 775707    | 772623    | 0.41   | cps   |
| Dysprosium | 156-1 | 62033     | 60308     | 61422     | 61254     | 1.43   | cps   |
| Dysprosium | 156-2 | 28680     | 27822     | 28947     | 28483     | 2.06   | cps   |
| Erbium     | 164-1 | 49240     | 47450     | 48763     | 48484     | 1.91   | cps   |
| Erbium     | 164-2 | 24399     | 24125     | 24663     | 24395     | 1.10   | cps   |
| Gadolinium | 160-1 | 56401     | 55246     | 55881     | 55843     | 1.04   | cps   |
| Gadolinium | 160-2 | 32646     | 32375     | 32933     | 32651     | 0.85   | cps   |
| Holmium    | 165-1 | 15738145  | 15624333  | 15758913  | 15707130  | 0.46   | cps   |
| Holmium    | 165-2 | 8071194   | 8149917   | 8045793   | 8088968   | 0.67   | cps   |
| Indium     | 115-1 | 13169831  | 13346108  | 13317856  | 13277932  | 0.71   | cps   |
| Indium     | 115-2 | 2502631   | 2513304   | 2536183   | 2517372   | 0.68   | cps   |
| Iron       | 56-2  | 203075582 | 204231277 | 201265516 | 202857458 | 0.74   | cps   |
| Iron       | 57-2  | 4991963   | 4989765   | 4996279   | 4992669   | 0.07   | cps   |
| Lead       | 206-1 | 61517821  | 61112328  | 60569537  | 61066562  | 0.78   | cps   |
| Lead       | 207-1 | 51978118  | 51296854  | 51439107  | 51571359  | 0.70   | cps   |
| Lead       | 208-1 | 237632461 | 235940346 | 235399150 | 236323985 | 0.49   | cps   |
| Lithium    | 6-1   | 2548151   | 2553224   | 2555261   | 2552212   | 0.14   | cps   |
| Magnesium  | 24-2  | 640629    | 639058    | 637799    | 639162    | 0.22   | cps   |
| Manganese  | 55-2  | 547065    | 548198    | 545617    | 546960    | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 41512    | 40625    | 40601    | 40913    | 1.27   | cps   |
| Molybdenum | 95-1  | 13865    | 14182    | 13549    | 13866    | 2.29   | cps   |
| Molybdenum | 96-1  | 21100    | 21175    | 21509    | 21261    | 1.02   | cps   |
| Molybdenum | 97-1  | 8270     | 8394     | 8895     | 8520     | 3.88   | cps   |
| Molybdenum | 98-1  | 22602    | 21826    | 21734    | 22054    | 2.16   | cps   |
| Neodymium  | 150-1 | 94791    | 92087    | 93362    | 93413    | 1.45   | cps   |
| Neodymium  | 150-2 | 37331    | 37477    | 37919    | 37576    | 0.81   | cps   |
| Nickel     | 60-2  | 48072    | 49085    | 48794    | 48651    | 1.07   | cps   |
| Phosphorus | 31-2  | 1934     | 1925     | 2034     | 1964     | 3.07   | cps   |
| Potassium  | 39-2  | 418761   | 418828   | 416581   | 418057   | 0.31   | cps   |
| Rhodium    | 103-1 | 12358357 | 12193412 | 12275365 | 12275711 | 0.67   | cps   |
| Rhodium    | 103-2 | 5884008  | 6037514  | 6067470  | 5996331  | 1.64   | cps   |
| Scandium   | 45-1  | 8891240  | 8578018  | 8768237  | 8745832  | 1.80   | cps   |
| Scandium   | 45-2  | 398288   | 396161   | 398992   | 397813   | 0.37   | cps   |
| Selenium   | 77-2  | 153      | 97       | 127      | 126      | 22.58  | cps   |
| Selenium   | 78-2  | 193      | 196      | 207      | 199      | 3.88   | cps   |
| Selenium   | 82-1  | 296      | -173     | 351      | 158      | 182.34 | cps   |
| Silicon    | 28-1  | 32178282 | 31892662 | 32050686 | 32040543 | 0.45   | cps   |
| Silver     | 109-1 | 5651     | 6393     | 6827     | 6291     | 9.45   | cps   |
| Silver     | 107-1 | 5818     | 6018     | 7019     | 6285     | 10.23  | cps   |
| Sodium     | 23-2  | 188739   | 187286   | 188806   | 188277   | 0.46   | cps   |
| Strontium  | 86-1  | 90124    | 88884    | 91180    | 90063    | 1.28   | cps   |
| Strontium  | 88-1  | 737725   | 728985   | 721525   | 729412   | 1.11   | cps   |
| Sulfur     | 34-1  | 852515   | 850889   | 850430   | 851278   | 0.13   | cps   |
| Terbium    | 159-1 | 16404556 | 16271107 | 16414666 | 16363443 | 0.49   | cps   |
| Terbium    | 159-2 | 8104388  | 8030707  | 8193794  | 8109630  | 1.01   | cps   |
| Thallium   | 203-1 | 2250     | 2259     | 2575     | 2361     | 7.85   | cps   |
| Thallium   | 205-1 | 5018     | 5085     | 5310     | 5137     | 2.98   | cps   |
| Tin        | 118-1 | 53671    | 53453    | 55394    | 54173    | 1.96   | cps   |
| Titanium   | 47-1  | 172505   | 171933   | 170558   | 171666   | 0.58   | cps   |
| Uranium    | 238-1 | 48098    | 47805    | 47621    | 47842    | 0.50   | cps   |
| Vanadium   | 51-2  | 186958   | 187994   | 189125   | 188026   | 0.58   | cps   |
| Yttrium    | 89-1  | 14069106 | 14105259 | 14082290 | 14085552 | 0.13   | cps   |
| Yttrium    | 89-2  | 2021324  | 2026435  | 2041100  | 2029620  | 0.51   | cps   |
| Zinc       | 66-2  | 72207    | 72462    | 70998    | 71889    | 1.09   | cps   |
| Zirconium  | 90-1  | 93198    | 90653    | 92775    | 92209    | 1.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 13:48:01 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 20899 | 19923 | 20340 | 20387   | 2.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 29564    | 29330    | 28636    | 29177    | 1.65   | cps   |
| Antimony   | 121-1 | 1450     | 1892     | 2009     | 1784     | 16.52  | cps   |
| Arsenic    | 75-2  | 437      | 481      | 441      | 453      | 5.44   | cps   |
| Barium     | 135-1 | 17345    | 17554    | 17862    | 17587    | 1.48   | cps   |
| Barium     | 137-1 | 29541    | 30493    | 30902    | 30312    | 2.30   | cps   |
| Beryllium  | 9-1   | 167      | 194      | 133      | 165      | 18.56  | cps   |
| Bismuth    | 209-1 | 10482685 | 10459993 | 10394334 | 10445671 | 0.44   | cps   |
| Bismuth    | 209-2 | 6502330  | 6445624  | 6500163  | 6482706  | 0.50   | cps   |
| Boron      | 10-1  | 783      | 800      | 650      | 745      | 11.04  | cps   |
| Boron      | 11-1  | 3225     | 3009     | 3342     | 3192     | 5.30   | cps   |
| Cadmium    | 111-1 | 4234     | 4473     | 4406     | 4371     | 2.82   | cps   |
| Cadmium    | 106-1 | 5026     | 5218     | 5318     | 5187     | 2.86   | cps   |
| Cadmium    | 108-1 | 67       | 42       | 71       | 60       | 26.41  | cps   |
| Calcium    | 43-1  | 137284   | 138031   | 136376   | 137230   | 0.60   | cps   |
| Calcium    | 44-1  | 2248368  | 2260835  | 2246249  | 2251817  | 0.35   | cps   |
| Chromium   | 52-2  | 7355     | 7485     | 7272     | 7371     | 1.46   | cps   |
| Cobalt     | 59-2  | 3791     | 3767     | 3734     | 3764     | 0.76   | cps   |
| Copper     | 63-2  | 24297    | 23609    | 24130    | 24012    | 1.49   | cps   |
| Dysprosium | 156-1 | 1350     | 1725     | 1433     | 1503     | 13.10  | cps   |
| Dysprosium | 156-2 | 623      | 733      | 633      | 663      | 9.17   | cps   |
| Erbium     | 164-1 | 1108     | 1083     | 1117     | 1103     | 1.57   | cps   |
| Erbium     | 164-2 | 570      | 553      | 533      | 552      | 3.32   | cps   |
| Gadolinium | 160-1 | 1367     | 1300     | 1467     | 1378     | 6.09   | cps   |
| Gadolinium | 160-2 | 763      | 840      | 753      | 786      | 6.04   | cps   |
| Holmium    | 165-1 | 15523893 | 15560265 | 15275763 | 15453307 | 1.00   | cps   |
| Holmium    | 165-2 | 8163379  | 8113228  | 8289866  | 8188824  | 1.11   | cps   |
| Indium     | 115-1 | 13152982 | 13203695 | 13057440 | 13138039 | 0.57   | cps   |
| Indium     | 115-2 | 2520482  | 2510352  | 2523016  | 2517950  | 0.27   | cps   |
| Iron       | 56-2  | 7067581  | 7045678  | 7100582  | 7071280  | 0.39   | cps   |
| Iron       | 57-2  | 170737   | 172625   | 173239   | 172200   | 0.76   | cps   |
| Lead       | 206-1 | 3662459  | 3655057  | 3623674  | 3647063  | 0.56   | cps   |
| Lead       | 207-1 | 3089830  | 3059922  | 3069913  | 3073222  | 0.50   | cps   |
| Lead       | 208-1 | 14405437 | 14335587 | 14395384 | 14378803 | 0.26   | cps   |
| Lithium    | 6-1   | 2434591  | 2450962  | 2427974  | 2437842  | 0.49   | cps   |
| Magnesium  | 24-2  | 492170   | 497660   | 497460   | 495764   | 0.63   | cps   |
| Manganese  | 55-2  | 194179   | 194129   | 197625   | 195311   | 1.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1275     | 1667     | 1734     | 1559     | 15.89   | cps   |
| Molybdenum | 95-1  | 833      | 1133     | 1217     | 1061     | 19.00   | cps   |
| Molybdenum | 96-1  | 1158     | 1508     | 1533     | 1400     | 14.98   | cps   |
| Molybdenum | 97-1  | 500      | 758      | 717      | 658      | 21.07   | cps   |
| Molybdenum | 98-1  | 1784     | 1625     | 1967     | 1792     | 9.54    | cps   |
| Neodymium  | 150-1 | 2067     | 1927     | 1934     | 1976     | 4.00    | cps   |
| Neodymium  | 150-2 | 810      | 817      | 813      | 813      | 0.41    | cps   |
| Nickel     | 60-2  | 2774     | 2810     | 2804     | 2796     | 0.70    | cps   |
| Phosphorus | 31-2  | 642      | 683      | 608      | 644      | 5.83    | cps   |
| Potassium  | 39-2  | 69865    | 67713    | 70183    | 69254    | 1.94    | cps   |
| Rhodium    | 103-1 | 12324451 | 12182920 | 12316808 | 12274726 | 0.65    | cps   |
| Rhodium    | 103-2 | 6082556  | 6076198  | 6120707  | 6093154  | 0.40    | cps   |
| Scandium   | 45-1  | 8545879  | 8628216  | 8602882  | 8592326  | 0.49    | cps   |
| Scandium   | 45-2  | 393161   | 393584   | 395540   | 394095   | 0.32    | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 146      | 139      | 128      | 138      | 6.77    | cps   |
| Selenium   | 82-1  | -123     | 78       | -92      | -45      | -238.57 | cps   |
| Silicon    | 28-1  | 2067436  | 2079180  | 2094255  | 2080291  | 0.65    | cps   |
| Silver     | 109-1 | 1759     | 1583     | 1367     | 1570     | 12.50   | cps   |
| Silver     | 107-1 | 1734     | 1550     | 1367     | 1550     | 11.83   | cps   |
| Sodium     | 23-2  | 41550    | 40197    | 42169    | 41305    | 2.44    | cps   |
| Strontium  | 86-1  | 18863    | 19656    | 19581    | 19367    | 2.26    | cps   |
| Strontium  | 88-1  | 109668   | 106636   | 106957   | 107754   | 1.55    | cps   |
| Sulfur     | 34-1  | 807665   | 803936   | 801504   | 804368   | 0.39    | cps   |
| Terbium    | 159-1 | 16290279 | 16217351 | 16208908 | 16238846 | 0.28    | cps   |
| Terbium    | 159-2 | 8192403  | 8233515  | 8145934  | 8190617  | 0.53    | cps   |
| Thallium   | 203-1 | 267      | 283      | 292      | 281      | 4.54    | cps   |
| Thallium   | 205-1 | 483      | 492      | 500      | 492      | 1.70    | cps   |
| Tin        | 118-1 | 2809     | 2700     | 2750     | 2753     | 1.97    | cps   |
| Titanium   | 47-1  | 6210     | 5718     | 5943     | 5957     | 4.13    | cps   |
| Uranium    | 238-1 | 4434     | 4384     | 4809     | 4543     | 5.12    | cps   |
| Vanadium   | 51-2  | 4768     | 4848     | 4708     | 4774     | 1.47    | cps   |
| Yttrium    | 89-1  | 13527392 | 13328012 | 13282486 | 13379297 | 0.97    | cps   |
| Yttrium    | 89-2  | 1969596  | 1968642  | 1957986  | 1965408  | 0.33    | cps   |
| Zinc       | 66-2  | 29109    | 30392    | 30195    | 29899    | 2.31    | cps   |
| Zirconium  | 90-1  | 2617     | 2467     | 2575     | 2553     | 3.03    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-20DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C47              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:51:31 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 558  | 400  | 550  | 503     | 17.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 106351   | 107283   | 108954   | 107529   | 1.23   | cps   |
| Antimony   | 121-1 | 1117     | 1325     | 1417     | 1286     | 11.95  | cps   |
| Arsenic    | 75-2  | 256      | 226      | 207      | 230      | 10.58  | cps   |
| Barium     | 135-1 | 20725    | 20817    | 20724    | 20755    | 0.26   | cps   |
| Barium     | 137-1 | 35037    | 34652    | 34176    | 34622    | 1.25   | cps   |
| Beryllium  | 9-1   | 233      | 283      | 228      | 248      | 12.33  | cps   |
| Bismuth    | 209-1 | 10303478 | 10268769 | 10321403 | 10297883 | 0.26   | cps   |
| Bismuth    | 209-2 | 6419306  | 6412769  | 6466810  | 6432962  | 0.46   | cps   |
| Boron      | 10-1  | 650      | 625      | 542      | 606      | 9.37   | cps   |
| Boron      | 11-1  | 2884     | 3150     | 2717     | 2917     | 7.50   | cps   |
| Cadmium    | 111-1 | 3570     | 3601     | 3764     | 3645     | 2.86   | cps   |
| Cadmium    | 106-1 | 5009     | 5043     | 5310     | 5121     | 3.21   | cps   |
| Cadmium    | 108-1 | 46       | 42       | 33       | 40       | 15.80  | cps   |
| Calcium    | 43-1  | 7227     | 7402     | 8069     | 7566     | 5.87   | cps   |
| Calcium    | 44-1  | 143719   | 145619   | 143313   | 144217   | 0.85   | cps   |
| Chromium   | 52-2  | 9220     | 9593     | 9296     | 9370     | 2.11   | cps   |
| Cobalt     | 59-2  | 3904     | 3981     | 4037     | 3974     | 1.68   | cps   |
| Copper     | 63-2  | 29350    | 30021    | 29961    | 29777    | 1.25   | cps   |
| Dysprosium | 156-1 | 3259     | 2959     | 2959     | 3059     | 5.66   | cps   |
| Dysprosium | 156-2 | 1433     | 1420     | 1400     | 1418     | 1.18   | cps   |
| Erbium     | 164-1 | 2167     | 2275     | 2250     | 2231     | 2.54   | cps   |
| Erbium     | 164-2 | 1153     | 1180     | 1197     | 1177     | 1.86   | cps   |
| Gadolinium | 160-1 | 2975     | 2892     | 2892     | 2920     | 1.65   | cps   |
| Gadolinium | 160-2 | 1720     | 1603     | 1743     | 1689     | 4.44   | cps   |
| Holmium    | 165-1 | 15244657 | 15174808 | 15342235 | 15253900 | 0.55   | cps   |
| Holmium    | 165-2 | 8092122  | 8167453  | 8054574  | 8104716  | 0.71   | cps   |
| Indium     | 115-1 | 12969570 | 12905969 | 12885884 | 12920474 | 0.34   | cps   |
| Indium     | 115-2 | 2528282  | 2530882  | 2529582  | 2529582  | 0.05   | cps   |
| Iron       | 56-2  | 8668742  | 8610198  | 8668685  | 8649208  | 0.39   | cps   |
| Iron       | 57-2  | 210808   | 211052   | 212262   | 211374   | 0.37   | cps   |
| Lead       | 206-1 | 1863383  | 1870115  | 1864899  | 1866132  | 0.19   | cps   |
| Lead       | 207-1 | 1565756  | 1576827  | 1573753  | 1572112  | 0.36   | cps   |
| Lead       | 208-1 | 7277603  | 7328898  | 7297964  | 7301488  | 0.35   | cps   |
| Lithium    | 6-1   | 2419696  | 2393778  | 2428975  | 2414150  | 0.76   | cps   |
| Magnesium  | 24-2  | 35292    | 33873    | 35109    | 34758    | 2.22   | cps   |
| Manganese  | 55-2  | 24547    | 24668    | 24794    | 24670    | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 2217     | 2300     | 2417     | 2311     | 4.35    | cps   |
| Molybdenum | 95-1  | 742      | 792      | 792      | 775      | 3.73    | cps   |
| Molybdenum | 96-1  | 1133     | 1208     | 1225     | 1189     | 4.11    | cps   |
| Molybdenum | 97-1  | 383      | 408      | 442      | 411      | 7.12    | cps   |
| Molybdenum | 98-1  | 883      | 1058     | 1358     | 1100     | 21.84   | cps   |
| Neodymium  | 150-1 | 5101     | 5021     | 4821     | 4981     | 2.90    | cps   |
| Neodymium  | 150-2 | 2054     | 2104     | 1977     | 2045     | 3.12    | cps   |
| Nickel     | 60-2  | 2454     | 2367     | 2444     | 2421     | 1.96    | cps   |
| Phosphorus | 31-2  | 650      | 550      | 717      | 639      | 13.13   | cps   |
| Potassium  | 39-2  | 79035    | 77821    | 78474    | 78443    | 0.77    | cps   |
| Rhodium    | 103-1 | 12282692 | 12112533 | 12092495 | 12162573 | 0.86    | cps   |
| Rhodium    | 103-2 | 6048712  | 5969739  | 6077598  | 6032016  | 0.93    | cps   |
| Scandium   | 45-1  | 8492110  | 8435544  | 8628687  | 8518780  | 1.17    | cps   |
| Scandium   | 45-2  | 397659   | 398283   | 395395   | 397112   | 0.38    | cps   |
| Selenium   | 77-2  | 0        | 13       | 3        | 6        | 124.93  | cps   |
| Selenium   | 78-2  | 130      | 143      | 128      | 133      | 6.05    | cps   |
| Selenium   | 82-1  | 41       | 69       | -195     | -28      | -511.31 | cps   |
| Silicon    | 28-1  | 3336212  | 3355303  | 3312638  | 3334718  | 0.64    | cps   |
| Silver     | 109-1 | 800      | 742      | 825      | 789      | 5.42    | cps   |
| Silver     | 107-1 | 675      | 700      | 817      | 731      | 10.35   | cps   |
| Sodium     | 23-2  | 41709    | 40422    | 40697    | 40943    | 1.65    | cps   |
| Strontium  | 86-1  | 12014    | 11655    | 11714    | 11794    | 1.63    | cps   |
| Strontium  | 88-1  | 41829    | 43375    | 41160    | 42121    | 2.70    | cps   |
| Sulfur     | 34-1  | 816501   | 820325   | 815485   | 817437   | 0.31    | cps   |
| Terbium    | 159-1 | 16027039 | 16093944 | 15921374 | 16014119 | 0.54    | cps   |
| Terbium    | 159-2 | 8165439  | 8146275  | 8129297  | 8147003  | 0.22    | cps   |
| Thallium   | 203-1 | 183      | 342      | 233      | 253      | 32.02   | cps   |
| Thallium   | 205-1 | 600      | 608      | 592      | 600      | 1.39    | cps   |
| Tin        | 118-1 | 2234     | 2225     | 2159     | 2206     | 1.86    | cps   |
| Titanium   | 47-1  | 9120     | 8228     | 8419     | 8589     | 5.47    | cps   |
| Uranium    | 238-1 | 2575     | 3151     | 2975     | 2900     | 10.16   | cps   |
| Vanadium   | 51-2  | 10534    | 10270    | 10057    | 10287    | 2.32    | cps   |
| Yttrium    | 89-1  | 13440905 | 13317854 | 13305102 | 13354621 | 0.56    | cps   |
| Yttrium    | 89-2  | 1969326  | 1961447  | 1970116  | 1966963  | 0.24    | cps   |
| Zinc       | 66-2  | 3420     | 3644     | 3407     | 3490     | 3.81    | cps   |
| Zirconium  | 90-1  | 5401     | 5310     | 5093     | 5268     | 3.01    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B28              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:55:00 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1133 | 1217 | 1233 | 1195    | 4.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92561    | 92142    | 93534    | 92745    | 0.77   | cps   |
| Antimony   | 121-1 | 1317     | 1525     | 1458     | 1433     | 7.42   | cps   |
| Arsenic    | 75-2  | 270      | 254      | 219      | 248      | 10.70  | cps   |
| Barium     | 135-1 | 17170    | 16736    | 17128    | 17011    | 1.41   | cps   |
| Barium     | 137-1 | 30576    | 28280    | 29031    | 29296    | 4.00   | cps   |
| Beryllium  | 9-1   | 222      | 261      | 233      | 239      | 8.39   | cps   |
| Bismuth    | 209-1 | 10442302 | 10334465 | 10335300 | 10370689 | 0.60   | cps   |
| Bismuth    | 209-2 | 6458777  | 6328636  | 6494941  | 6427451  | 1.36   | cps   |
| Boron      | 10-1  | 417      | 517      | 450      | 461      | 11.04  | cps   |
| Boron      | 11-1  | 2625     | 2342     | 2534     | 2500     | 5.78   | cps   |
| Cadmium    | 111-1 | 3344     | 3488     | 3646     | 3493     | 4.33   | cps   |
| Cadmium    | 106-1 | 4743     | 4943     | 5126     | 4937     | 3.88   | cps   |
| Cadmium    | 108-1 | 38       | 25       | 13       | 25       | 50.00  | cps   |
| Calcium    | 43-1  | 6435     | 6543     | 6460     | 6479     | 0.88   | cps   |
| Calcium    | 44-1  | 126009   | 126977   | 126051   | 126346   | 0.43   | cps   |
| Chromium   | 52-2  | 9400     | 9220     | 9643     | 9421     | 2.26   | cps   |
| Cobalt     | 59-2  | 3884     | 3884     | 4147     | 3972     | 3.83   | cps   |
| Copper     | 63-2  | 43067    | 42137    | 42281    | 42495    | 1.18   | cps   |
| Dysprosium | 156-1 | 2909     | 2942     | 2784     | 2878     | 2.90   | cps   |
| Dysprosium | 156-2 | 1363     | 1323     | 1470     | 1386     | 5.47   | cps   |
| Erbium     | 164-1 | 2434     | 2459     | 2309     | 2400     | 3.35   | cps   |
| Erbium     | 164-2 | 1233     | 1183     | 1217     | 1211     | 2.10   | cps   |
| Gadolinium | 160-1 | 3034     | 2817     | 2967     | 2939     | 3.78   | cps   |
| Gadolinium | 160-2 | 1620     | 1523     | 1767     | 1637     | 7.49   | cps   |
| Holmium    | 165-1 | 15335927 | 15309011 | 15176914 | 15273951 | 0.56   | cps   |
| Holmium    | 165-2 | 8135623  | 8046509  | 8082838  | 8088323  | 0.55   | cps   |
| Indium     | 115-1 | 12946520 | 13040444 | 13001946 | 12996304 | 0.36   | cps   |
| Indium     | 115-2 | 2522715  | 2509108  | 2533044  | 2521622  | 0.48   | cps   |
| Iron       | 56-2  | 10111989 | 10057104 | 10177380 | 10115491 | 0.60   | cps   |
| Iron       | 57-2  | 244628   | 244549   | 247204   | 245460   | 0.62   | cps   |
| Lead       | 206-1 | 2876854  | 2860718  | 2846699  | 2861424  | 0.53   | cps   |
| Lead       | 207-1 | 2423048  | 2391144  | 2406037  | 2406743  | 0.66   | cps   |
| Lead       | 208-1 | 11267787 | 11156956 | 11177485 | 11200743 | 0.53   | cps   |
| Lithium    | 6-1   | 2416756  | 2403775  | 2390703  | 2403745  | 0.54   | cps   |
| Magnesium  | 24-2  | 32244    | 31860    | 32336    | 32146    | 0.79   | cps   |
| Manganese  | 55-2  | 27987    | 27386    | 27763    | 27712    | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 2292     | 2142     | 2325     | 2253     | 4.34    | cps   |
| Molybdenum | 95-1  | 842      | 933      | 1000     | 925      | 8.59    | cps   |
| Molybdenum | 96-1  | 1258     | 1367     | 1534     | 1386     | 9.99    | cps   |
| Molybdenum | 97-1  | 550      | 525      | 700      | 592      | 16.00   | cps   |
| Molybdenum | 98-1  | 1383     | 1667     | 1842     | 1631     | 14.19   | cps   |
| Neodymium  | 150-1 | 4914     | 4734     | 4734     | 4794     | 2.17    | cps   |
| Neodymium  | 150-2 | 1750     | 1907     | 1927     | 1861     | 5.20    | cps   |
| Nickel     | 60-2  | 2844     | 2690     | 2857     | 2797     | 3.31    | cps   |
| Phosphorus | 31-2  | 542      | 467      | 500      | 503      | 7.47    | cps   |
| Potassium  | 39-2  | 75760    | 73901    | 76121    | 75261    | 1.58    | cps   |
| Rhodium    | 103-1 | 12155123 | 12151695 | 12109579 | 12138799 | 0.21    | cps   |
| Rhodium    | 103-2 | 6059532  | 6032287  | 6137332  | 6076384  | 0.90    | cps   |
| Scandium   | 45-1  | 8516328  | 8522829  | 8410596  | 8483251  | 0.74    | cps   |
| Scandium   | 45-2  | 394619   | 393531   | 395909   | 394686   | 0.30    | cps   |
| Selenium   | 77-2  | 3        | 13       | 10       | 9        | 57.30   | cps   |
| Selenium   | 78-2  | 156      | 106      | 150      | 137      | 20.00   | cps   |
| Selenium   | 82-1  | 51       | -191     | -166     | -102     | -130.12 | cps   |
| Silicon    | 28-1  | 2558985  | 2561703  | 2537747  | 2552811  | 0.51    | cps   |
| Silver     | 109-1 | 442      | 475      | 533      | 483      | 9.60    | cps   |
| Silver     | 107-1 | 517      | 675      | 667      | 619      | 14.38   | cps   |
| Sodium     | 23-2  | 36871    | 36470    | 36963    | 36768    | 0.71    | cps   |
| Strontium  | 86-1  | 11288    | 11488    | 11447    | 11408    | 0.93    | cps   |
| Strontium  | 88-1  | 36681    | 36230    | 37334    | 36748    | 1.51    | cps   |
| Sulfur     | 34-1  | 807802   | 813124   | 807861   | 809595   | 0.38    | cps   |
| Terbium    | 159-1 | 16182340 | 16123461 | 15978169 | 16094657 | 0.65    | cps   |
| Terbium    | 159-2 | 8133976  | 8093730  | 8049951  | 8092552  | 0.52    | cps   |
| Thallium   | 203-1 | 308      | 275      | 392      | 325      | 18.49   | cps   |
| Thallium   | 205-1 | 650      | 683      | 617      | 650      | 5.13    | cps   |
| Tin        | 118-1 | 3467     | 3184     | 3451     | 3367     | 4.72    | cps   |
| Titanium   | 47-1  | 8661     | 8411     | 7877     | 8317     | 4.81    | cps   |
| Uranium    | 238-1 | 2592     | 2367     | 2367     | 2442     | 5.32    | cps   |
| Vanadium   | 51-2  | 9527     | 9366     | 9376     | 9423     | 0.95    | cps   |
| Yttrium    | 89-1  | 13320274 | 13361519 | 13332606 | 13338133 | 0.16    | cps   |
| Yttrium    | 89-2  | 1957939  | 1960535  | 1984779  | 1967751  | 0.75    | cps   |
| Zinc       | 66-2  | 4244     | 3761     | 4061     | 4022     | 6.07    | cps   |
| Zirconium  | 90-1  | 5184     | 5301     | 5543     | 5343     | 3.42    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-12DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C65              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-04-24 13:58:30 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1133 | 1158 | 1208 | 1167    | 3.27   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1444847   | 1446531   | 1431782   | 1441053   | 0.56   | cps   |
| Antimony   | 121-1 | 7695361   | 7641480   | 7587347   | 7641396   | 0.71   | cps   |
| Arsenic    | 75-2  | 299157    | 300489    | 297103    | 298916    | 0.57   | cps   |
| Barium     | 135-1 | 9120207   | 9213766   | 9192350   | 9175441   | 0.53   | cps   |
| Barium     | 137-1 | 15748594  | 15786133  | 15833380  | 15789369  | 0.27   | cps   |
| Beryllium  | 9-1   | 1569732   | 1570368   | 1578917   | 1573006   | 0.33   | cps   |
| Bismuth    | 209-1 | 9835061   | 9952782   | 9972590   | 9920144   | 0.75   | cps   |
| Bismuth    | 209-2 | 6128407   | 6155824   | 6145938   | 6143390   | 0.23   | cps   |
| Boron      | 10-1  | 217569    | 217027    | 221195    | 218597    | 1.04   | cps   |
| Boron      | 11-1  | 1039293   | 1050808   | 1062634   | 1050912   | 1.11   | cps   |
| Cadmium    | 111-1 | 1994992   | 1987316   | 2018010   | 2000106   | 0.80   | cps   |
| Cadmium    | 106-1 | 222810    | 225635    | 225350    | 224598    | 0.69   | cps   |
| Cadmium    | 108-1 | 146409    | 143964    | 148842    | 146405    | 1.67   | cps   |
| Calcium    | 43-1  | 2347437   | 2357522   | 2366612   | 2357190   | 0.41   | cps   |
| Calcium    | 44-1  | 38050272  | 38358698  | 38342041  | 38250337  | 0.45   | cps   |
| Chromium   | 52-2  | 2616127   | 2594438   | 2625042   | 2611869   | 0.60   | cps   |
| Cobalt     | 59-2  | 4267635   | 4264080   | 4254170   | 4261962   | 0.16   | cps   |
| Copper     | 63-2  | 6208636   | 6281639   | 6265369   | 6251881   | 0.61   | cps   |
| Dysprosium | 156-1 | 208       | 133       | 142       | 161       | 25.51  | cps   |
| Dysprosium | 156-2 | 57        | 37        | 37        | 43        | 26.64  | cps   |
| Erbium     | 164-1 | 67        | 42        | 83        | 64        | 32.83  | cps   |
| Erbium     | 164-2 | 40        | 43        | 40        | 41        | 4.68   | cps   |
| Gadolinium | 160-1 | 133       | 208       | 133       | 158       | 27.35  | cps   |
| Gadolinium | 160-2 | 80        | 90        | 77        | 82        | 8.44   | cps   |
| Holmium    | 165-1 | 15012133  | 15195095  | 15075971  | 15094399  | 0.62   | cps   |
| Holmium    | 165-2 | 8039483   | 8064247   | 7995281   | 8033003   | 0.43   | cps   |
| Indium     | 115-1 | 12423399  | 12543827  | 12603995  | 12523740  | 0.73   | cps   |
| Indium     | 115-2 | 2393232   | 2403129   | 2398060   | 2398140   | 0.21   | cps   |
| Iron       | 56-2  | 108059600 | 108900372 | 107580758 | 108180243 | 0.62   | cps   |
| Iron       | 57-2  | 2610541   | 2649003   | 2637167   | 2632237   | 0.75   | cps   |
| Lead       | 206-1 | 5846395   | 5872757   | 5894868   | 5871340   | 0.41   | cps   |
| Lead       | 207-1 | 5373389   | 5381131   | 5374555   | 5376359   | 0.08   | cps   |
| Lead       | 208-1 | 23971163  | 24112217  | 24102285  | 24061888  | 0.33   | cps   |
| Lithium    | 6-1   | 2308818   | 2297656   | 2310247   | 2305574   | 0.30   | cps   |
| Magnesium  | 24-2  | 18859006  | 18607808  | 18848270  | 18771695  | 0.76   | cps   |
| Manganese  | 55-2  | 2869474   | 2878002   | 2870261   | 2872579   | 0.16   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7181214  | 7196987  | 7152244  | 7176815  | 0.32   | cps   |
| Molybdenum | 95-1  | 3804541  | 3758422  | 3781885  | 3781616  | 0.61   | cps   |
| Molybdenum | 96-1  | 4891905  | 4800605  | 4847127  | 4846546  | 0.94   | cps   |
| Molybdenum | 97-1  | 2363765  | 2334642  | 2348015  | 2348807  | 0.62   | cps   |
| Molybdenum | 98-1  | 6227805  | 6196955  | 6182364  | 6202375  | 0.37   | cps   |
| Neodymium  | 150-1 | 633      | 507      | 473      | 538      | 15.70  | cps   |
| Neodymium  | 150-2 | 30       | 57       | 50       | 46       | 30.47  | cps   |
| Nickel     | 60-2  | 1136529  | 1133225  | 1138120  | 1135958  | 0.22   | cps   |
| Phosphorus | 31-2  | 87305    | 85194    | 84715    | 85738    | 1.61   | cps   |
| Potassium  | 39-2  | 9310054  | 9448230  | 9423327  | 9393871  | 0.78   | cps   |
| Rhodium    | 103-1 | 11472920 | 11469072 | 11527148 | 11489713 | 0.28   | cps   |
| Rhodium    | 103-2 | 5605875  | 5626139  | 5634102  | 5622038  | 0.26   | cps   |
| Scandium   | 45-1  | 8299110  | 8284586  | 8304201  | 8295966  | 0.12   | cps   |
| Scandium   | 45-2  | 381584   | 384517   | 382857   | 382986   | 0.38   | cps   |
| Selenium   | 77-2  | 5801     | 6008     | 5765     | 5858     | 2.24   | cps   |
| Selenium   | 78-2  | 19916    | 20192    | 20018    | 20042    | 0.70   | cps   |
| Selenium   | 82-1  | 124053   | 124819   | 124713   | 124528   | 0.33   | cps   |
| Silicon    | 28-1  | 5411484  | 5567832  | 5596791  | 5525369  | 1.80   | cps   |
| Silver     | 109-1 | 9418854  | 9321872  | 9592476  | 9444401  | 1.45   | cps   |
| Silver     | 107-1 | 9789618  | 9736929  | 9908564  | 9811704  | 0.90   | cps   |
| Sodium     | 23-2  | 37041795 | 36838867 | 36567083 | 36815915 | 0.65   | cps   |
| Strontium  | 86-1  | 2868752  | 2863920  | 2880336  | 2871003  | 0.29   | cps   |
| Strontium  | 88-1  | 25203995 | 25031145 | 25537353 | 25257498 | 1.02   | cps   |
| Sulfur     | 34-1  | 1641563  | 1653246  | 1640495  | 1645101  | 0.43   | cps   |
| Terbium    | 159-1 | 15594696 | 15849887 | 15979722 | 15808102 | 1.24   | cps   |
| Terbium    | 159-2 | 8005908  | 7917344  | 8006468  | 7976573  | 0.64   | cps   |
| Thallium   | 203-1 | 7419727  | 7481060  | 7437104  | 7445964  | 0.42   | cps   |
| Thallium   | 205-1 | 17682220 | 17869966 | 17917283 | 17823156 | 0.70   | cps   |
| Tin        | 118-1 | 6424545  | 6456890  | 6471651  | 6451029  | 0.37   | cps   |
| Titanium   | 47-1  | 1158856  | 1154650  | 1166279  | 1159928  | 0.51   | cps   |
| Uranium    | 238-1 | 25397817 | 25468828 | 25378591 | 25415079 | 0.19   | cps   |
| Vanadium   | 51-2  | 2135320  | 2120844  | 2115771  | 2123978  | 0.48   | cps   |
| Yttrium    | 89-1  | 13020596 | 12887731 | 13215559 | 13041295 | 1.26   | cps   |
| Yttrium    | 89-2  | 1899061  | 1902769  | 1912895  | 1904908  | 0.38   | cps   |
| Zinc       | 66-2  | 866315   | 880550   | 871632   | 872832   | 0.82   | cps   |
| Zirconium  | 90-1  | 13538962 | 13511565 | 13645862 | 13565463 | 0.52   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV076              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV076              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 14:04:22 | DataFile Name :   | 024CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2995705 | 2972901 | 2996525 | 2988377 | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB076              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB076              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:13:18 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 133      | 83       | 92       | 41.66  | cps   |
| Antimony   | 121-1 | 13590    | 18263    | 23128    | 18327    | 26.02  | cps   |
| Arsenic    | 75-2  | 98       | 93       | 117      | 102      | 12.30  | cps   |
| Barium     | 135-1 | 142      | 167      | 117      | 142      | 17.65  | cps   |
| Barium     | 137-1 | 167      | 333      | 275      | 258      | 32.74  | cps   |
| Beryllium  | 9-1   | 100      | 128      | 89       | 106      | 18.98  | cps   |
| Bismuth    | 209-1 | 10358567 | 10242658 | 10354874 | 10318700 | 0.64   | cps   |
| Bismuth    | 209-2 | 6392584  | 6316557  | 6385156  | 6364766  | 0.66   | cps   |
| Boron      | 10-1  | 1892     | 1875     | 1684     | 1817     | 6.37   | cps   |
| Boron      | 11-1  | 9137     | 8503     | 8469     | 8703     | 4.32   | cps   |
| Cadmium    | 111-1 | 3560     | 3487     | 3623     | 3556     | 1.92   | cps   |
| Cadmium    | 106-1 | 5026     | 4934     | 5185     | 5048     | 2.51   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 21       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 800      | 1042     | 975      | 939      | 13.29  | cps   |
| Calcium    | 44-1  | 34207    | 33840    | 33497    | 33848    | 1.05   | cps   |
| Chromium   | 52-2  | 1577     | 1510     | 1553     | 1547     | 2.19   | cps   |
| Cobalt     | 59-2  | 247      | 240      | 243      | 243      | 1.37   | cps   |
| Copper     | 63-2  | 3831     | 3907     | 4094     | 3944     | 3.44   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Dysprosium | 156-2 | 13       | 7        | 3        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 33       | 25       | 42       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 37       | 30       | 43       | 37       | 18.18  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 150      | 100      | 46.40  | cps   |
| Gadolinium | 160-2 | 40       | 60       | 63       | 54       | 23.18  | cps   |
| Holmium    | 165-1 | 15355790 | 15272591 | 15161710 | 15263364 | 0.64   | cps   |
| Holmium    | 165-2 | 8152620  | 8023795  | 8095902  | 8090772  | 0.80   | cps   |
| Indium     | 115-1 | 12818186 | 12841925 | 12833984 | 12831365 | 0.09   | cps   |
| Indium     | 115-2 | 2473292  | 2462343  | 2485167  | 2473601  | 0.46   | cps   |
| Iron       | 56-2  | 10476    | 10382    | 10904    | 10587    | 2.63   | cps   |
| Iron       | 57-2  | 272      | 322      | 283      | 293      | 8.97   | cps   |
| Lead       | 206-1 | 7591     | 7664     | 7730     | 7662     | 0.91   | cps   |
| Lead       | 207-1 | 6996     | 6557     | 7030     | 6861     | 3.84   | cps   |
| Lead       | 208-1 | 31043    | 30353    | 31154    | 30850    | 1.41   | cps   |
| Lithium    | 6-1   | 2377652  | 2345428  | 2360749  | 2361276  | 0.68   | cps   |
| Magnesium  | 24-2  | 375      | 392      | 367      | 378      | 3.37   | cps   |
| Manganese  | 55-2  | 180      | 173      | 163      | 172      | 4.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB076              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB076              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:13:18 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1167     | 1625     | 1667     | 1486     | 18.67  | cps   |
| Molybdenum | 95-1  | 1200     | 1742     | 2267     | 1736     | 30.72  | cps   |
| Molybdenum | 96-1  | 1467     | 1934     | 2884     | 2095     | 34.47  | cps   |
| Molybdenum | 97-1  | 775      | 1192     | 1633     | 1200     | 35.77  | cps   |
| Molybdenum | 98-1  | 2375     | 3034     | 4134     | 3181     | 27.93  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 327      | 353      | 343      | 341      | 3.95   | cps   |
| Phosphorus | 31-2  | 525      | 433      | 533      | 497      | 11.16  | cps   |
| Potassium  | 39-2  | 55722    | 55329    | 56257    | 55769    | 0.84   | cps   |
| Rhodium    | 103-1 | 12105237 | 12112785 | 11957103 | 12058375 | 0.73   | cps   |
| Rhodium    | 103-2 | 5829607  | 5867720  | 6105562  | 5934297  | 2.52   | cps   |
| Scandium   | 45-1  | 8421692  | 8292155  | 8457326  | 8390391  | 1.04   | cps   |
| Scandium   | 45-2  | 386232   | 390013   | 391309   | 389184   | 0.68   | cps   |
| Selenium   | 77-2  | 17       | 0        | 10       | 9        | 94.38  | cps   |
| Selenium   | 78-2  | 102      | 130      | 111      | 114      | 12.39  | cps   |
| Selenium   | 82-1  | 161      | 107      | -119     | 50       | 299.58 | cps   |
| Silicon    | 28-1  | 589908   | 586105   | 590639   | 588884   | 0.41   | cps   |
| Silver     | 109-1 | 408      | 233      | 333      | 325      | 27.02  | cps   |
| Silver     | 107-1 | 300      | 367      | 258      | 308      | 17.72  | cps   |
| Sodium     | 23-2  | 28494    | 28745    | 28302    | 28514    | 0.78   | cps   |
| Strontium  | 86-1  | 7210     | 6869     | 7511     | 7197     | 4.46   | cps   |
| Strontium  | 88-1  | 1050     | 1125     | 942      | 1039     | 8.87   | cps   |
| Sulfur     | 34-1  | 831095   | 840699   | 840256   | 837350   | 0.65   | cps   |
| Terbium    | 159-1 | 15699731 | 15865411 | 15901718 | 15822287 | 0.68   | cps   |
| Terbium    | 159-2 | 7976399  | 8002798  | 8102499  | 8027232  | 0.83   | cps   |
| Thallium   | 203-1 | 692      | 417      | 467      | 525      | 27.90  | cps   |
| Thallium   | 205-1 | 1142     | 1025     | 1192     | 1120     | 7.64   | cps   |
| Tin        | 118-1 | 1117     | 1317     | 1859     | 1431     | 26.83  | cps   |
| Titanium   | 47-1  | 325      | 258      | 192      | 258      | 25.81  | cps   |
| Uranium    | 238-1 | 292      | 275      | 275      | 281      | 3.43   | cps   |
| Vanadium   | 51-2  | 53       | 33       | 23       | 37       | 41.66  | cps   |
| Yttrium    | 89-1  | 12994689 | 12990232 | 13116711 | 13033877 | 0.55   | cps   |
| Yttrium    | 89-2  | 1930696  | 1925772  | 1935766  | 1930745  | 0.26   | cps   |
| Zinc       | 66-2  | 450      | 497      | 423      | 457      | 8.13   | cps   |
| Zirconium  | 90-1  | 1375     | 1734     | 1775     | 1628     | 13.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB076              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB076              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:13:18 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 325  | 308  | 292     | 15.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 806086     | 800449     | 811838     | 806124     | 0.71   | cps   |
| Antimony   | 121-1 | 25324      | 27929      | 29215      | 27489      | 7.21   | cps   |
| Arsenic    | 75-2  | 31042      | 30859      | 31334      | 31078      | 0.77   | cps   |
| Barium     | 135-1 | 530034     | 554602     | 555924     | 546853     | 2.67   | cps   |
| Barium     | 137-1 | 923466     | 946101     | 963627     | 944398     | 2.13   | cps   |
| Beryllium  | 9-1   | 2284       | 2100       | 2178       | 2187       | 4.21   | cps   |
| Bismuth    | 209-1 | 10476423   | 10806248   | 11110910   | 10797860   | 2.94   | cps   |
| Bismuth    | 209-2 | 6479821    | 6489298    | 6506363    | 6491827    | 0.21   | cps   |
| Boron      | 10-1  | 2309       | 2317       | 2284       | 2303       | 0.75   | cps   |
| Boron      | 11-1  | 10287      | 10479      | 11221      | 10662      | 4.63   | cps   |
| Cadmium    | 111-1 | 6249       | 6810       | 6552       | 6537       | 4.30   | cps   |
| Cadmium    | 106-1 | 5101       | 5718       | 5201       | 5340       | 6.20   | cps   |
| Cadmium    | 108-1 | 300        | 383        | 354        | 346        | 12.23  | cps   |
| Calcium    | 43-1  | 105601     | 110982     | 114281     | 110288     | 3.97   | cps   |
| Calcium    | 44-1  | 1746774    | 1814323    | 1864010    | 1808369    | 3.25   | cps   |
| Chromium   | 52-2  | 191596     | 193110     | 191466     | 192057     | 0.48   | cps   |
| Cobalt     | 59-2  | 93891      | 95505      | 95509      | 94968      | 0.98   | cps   |
| Copper     | 63-2  | 511469     | 511092     | 514490     | 512350     | 0.36   | cps   |
| Dysprosium | 156-1 | 40243      | 43253      | 41807      | 41768      | 3.60   | cps   |
| Dysprosium | 156-2 | 20108      | 19361      | 19260      | 19576      | 2.37   | cps   |
| Erbium     | 164-1 | 29357      | 29875      | 29909      | 29714      | 1.04   | cps   |
| Erbium     | 164-2 | 15359      | 15269      | 15699      | 15442      | 1.47   | cps   |
| Gadolinium | 160-1 | 35923      | 35898      | 37160      | 36327      | 1.99   | cps   |
| Gadolinium | 160-2 | 22151      | 21524      | 21424      | 21700      | 1.82   | cps   |
| Holmium    | 165-1 | 14908887   | 15372940   | 15886796   | 15389541   | 3.18   | cps   |
| Holmium    | 165-2 | 8139853    | 8207572    | 8150948    | 8166124    | 0.44   | cps   |
| Indium     | 115-1 | 12425514   | 13103134   | 13448568   | 12992405   | 4.01   | cps   |
| Indium     | 115-2 | 2452931    | 2459767    | 2463192    | 2458630    | 0.21   | cps   |
| Iron       | 56-2  | 221150444  | 218723988  | 218905644  | 219593359  | 0.62   | cps   |
| Iron       | 57-2  | 5489595    | 5223564    | 5211271    | 5308143    | 2.96   | cps   |
| Lead       | 206-1 | 656945192  | 671724348  | 689729793  | 672799778  | 2.44   | cps   |
| Lead       | 207-1 | 565523457  | 581526657  | 603902347  | 583650820  | 3.30   | cps   |
| Lead       | 208-1 | 2573781035 | 2659171571 | 2733891061 | 2655614556 | 3.02   | cps   |
| Lithium    | 6-1   | 2347128    | 2456260    | 2550111    | 2451166    | 4.14   | cps   |
| Magnesium  | 24-2  | 378016     | 377999     | 375524     | 377180     | 0.38   | cps   |
| Manganese  | 55-2  | 2628335    | 2620990    | 2635686    | 2628337    | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 25056    | 25557    | 25590    | 25401    | 1.18   | cps   |
| Molybdenum | 95-1  | 12623    | 13457    | 13423    | 13168    | 3.59   | cps   |
| Molybdenum | 96-1  | 17261    | 17812    | 18121    | 17731    | 2.46   | cps   |
| Molybdenum | 97-1  | 7561     | 7911     | 8403     | 7958     | 5.32   | cps   |
| Molybdenum | 98-1  | 20616    | 20883    | 21851    | 21116    | 3.08   | cps   |
| Neodymium  | 150-1 | 61230    | 64130    | 65013    | 63458    | 3.12   | cps   |
| Neodymium  | 150-2 | 26365    | 26399    | 26178    | 26314    | 0.45   | cps   |
| Nickel     | 60-2  | 54638    | 54615    | 56208    | 55153    | 1.66   | cps   |
| Phosphorus | 31-2  | 3667     | 3284     | 3751     | 3567     | 6.98   | cps   |
| Potassium  | 39-2  | 422480   | 417616   | 419889   | 419995   | 0.58   | cps   |
| Rhodium    | 103-1 | 11763510 | 12175603 | 12488302 | 12142472 | 2.99   | cps   |
| Rhodium    | 103-2 | 6154173  | 6173032  | 6100255  | 6142487  | 0.61   | cps   |
| Scandium   | 45-1  | 8264930  | 8517974  | 8884587  | 8555830  | 3.64   | cps   |
| Scandium   | 45-2  | 389467   | 388227   | 387590   | 388428   | 0.25   | cps   |
| Selenium   | 77-2  | 140      | 110      | 137      | 129      | 12.76  | cps   |
| Selenium   | 78-2  | 220      | 228      | 217      | 222      | 2.55   | cps   |
| Selenium   | 82-1  | 340      | 395      | 453      | 396      | 14.26  | cps   |
| Silicon    | 28-1  | 29017896 | 29878594 | 30704074 | 29866855 | 2.82   | cps   |
| Silver     | 109-1 | 5601     | 6318     | 6010     | 5977     | 6.02   | cps   |
| Silver     | 107-1 | 5660     | 6193     | 7211     | 6354     | 12.40  | cps   |
| Sodium     | 23-2  | 92685    | 91487    | 92116    | 92096    | 0.65   | cps   |
| Strontium  | 86-1  | 81641    | 84565    | 85934    | 84047    | 2.61   | cps   |
| Strontium  | 88-1  | 653887   | 679314   | 699601   | 677601   | 3.38   | cps   |
| Sulfur     | 34-1  | 1154759  | 1176639  | 1189437  | 1173612  | 1.49   | cps   |
| Terbium    | 159-1 | 15650613 | 16248524 | 16600430 | 16166522 | 2.97   | cps   |
| Terbium    | 159-2 | 8189027  | 8112769  | 8145506  | 8149101  | 0.47   | cps   |
| Thallium   | 203-1 | 1800     | 2017     | 2142     | 1986     | 8.70   | cps   |
| Thallium   | 205-1 | 5293     | 5468     | 5043     | 5268     | 4.06   | cps   |
| Tin        | 118-1 | 73434    | 76668    | 78570    | 76224    | 3.41   | cps   |
| Titanium   | 47-1  | 115492   | 118038   | 121247   | 118259   | 2.44   | cps   |
| Uranium    | 238-1 | 46007    | 47571    | 47989    | 47189    | 2.21   | cps   |
| Vanadium   | 51-2  | 116226   | 116236   | 115917   | 116127   | 0.16   | cps   |
| Yttrium    | 89-1  | 13179436 | 13860793 | 14121636 | 13720622 | 3.55   | cps   |
| Yttrium    | 89-2  | 1957604  | 1961157  | 1956864  | 1958542  | 0.12   | cps   |
| Zinc       | 66-2  | 655869   | 657451   | 656868   | 656729   | 0.12   | cps   |
| Zirconium  | 90-1  | 48450    | 50498    | 50206    | 49718    | 2.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:16:49 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10746 | 11213 | 12039 | 11333   | 5.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 809711     | 809886     | 802204     | 807267     | 0.54   | cps   |
| Antimony   | 121-1 | 23061      | 23295      | 25357      | 23905      | 5.29   | cps   |
| Arsenic    | 75-2  | 10124      | 10196      | 10261      | 10194      | 0.67   | cps   |
| Barium     | 135-1 | 527160     | 527121     | 560183     | 538155     | 3.55   | cps   |
| Barium     | 137-1 | 925445     | 905026     | 965098     | 931856     | 3.28   | cps   |
| Beryllium  | 9-1   | 2206       | 2195       | 2261       | 2221       | 1.61   | cps   |
| Bismuth    | 209-1 | 10379464   | 10256655   | 10960307   | 10532142   | 3.57   | cps   |
| Bismuth    | 209-2 | 6388821    | 6433983    | 6467701    | 6430168    | 0.62   | cps   |
| Boron      | 10-1  | 1834       | 1959       | 1967       | 1920       | 3.89   | cps   |
| Boron      | 11-1  | 8920       | 8786       | 9103       | 8936       | 1.78   | cps   |
| Cadmium    | 111-1 | 6187       | 6248       | 6866       | 6433       | 5.84   | cps   |
| Cadmium    | 106-1 | 5218       | 5009       | 5560       | 5262       | 5.28   | cps   |
| Cadmium    | 108-1 | 321        | 275        | 342        | 313        | 10.91  | cps   |
| Calcium    | 43-1  | 106197     | 103990     | 113349     | 107845     | 4.54   | cps   |
| Calcium    | 44-1  | 1767698    | 1753275    | 1878697    | 1799890    | 3.81   | cps   |
| Chromium   | 52-2  | 194207     | 193664     | 191722     | 193198     | 0.68   | cps   |
| Cobalt     | 59-2  | 95008      | 96314      | 95126      | 95483      | 0.76   | cps   |
| Copper     | 63-2  | 514455     | 515536     | 520678     | 516890     | 0.64   | cps   |
| Dysprosium | 156-1 | 41129      | 40670      | 42542      | 41447      | 2.35   | cps   |
| Dysprosium | 156-2 | 19618      | 20122      | 19484      | 19741      | 1.70   | cps   |
| Erbium     | 164-1 | 28606      | 29307      | 31279      | 29731      | 4.66   | cps   |
| Erbium     | 164-2 | 15769      | 15933      | 15452      | 15718      | 1.55   | cps   |
| Gadolinium | 160-1 | 35547      | 35154      | 38138      | 36280      | 4.47   | cps   |
| Gadolinium | 160-2 | 21407      | 21634      | 21574      | 21538      | 0.55   | cps   |
| Holmium    | 165-1 | 14834974   | 14762148   | 15692774   | 15096632   | 3.43   | cps   |
| Holmium    | 165-2 | 8141244    | 8160268    | 8128882    | 8143465    | 0.19   | cps   |
| Indium     | 115-1 | 12374013   | 12452090   | 13159121   | 12661741   | 3.42   | cps   |
| Indium     | 115-2 | 2419754    | 2432126    | 2452737    | 2434872    | 0.68   | cps   |
| Iron       | 56-2  | 225698911  | 221385644  | 220699783  | 222594779  | 1.22   | cps   |
| Iron       | 57-2  | 5551494    | 5383040    | 5509244    | 5481259    | 1.60   | cps   |
| Lead       | 206-1 | 665077437  | 649925215  | 698313949  | 671105534  | 3.69   | cps   |
| Lead       | 207-1 | 569999146  | 556828157  | 598690058  | 575172454  | 3.72   | cps   |
| Lead       | 208-1 | 2608956525 | 2554626735 | 2753705684 | 2639096315 | 3.90   | cps   |
| Lithium    | 6-1   | 2464843    | 2456070    | 2618901    | 2513271    | 3.64   | cps   |
| Magnesium  | 24-2  | 373566     | 374418     | 375518     | 374501     | 0.26   | cps   |
| Manganese  | 55-2  | 2649917    | 2638992    | 2634857    | 2641255    | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 23821    | 23862    | 24822    | 24169    | 2.34   | cps   |
| Molybdenum | 95-1  | 11805    | 12614    | 13190    | 12537    | 5.55   | cps   |
| Molybdenum | 96-1  | 17069    | 17170    | 18463    | 17567    | 4.42   | cps   |
| Molybdenum | 97-1  | 7102     | 7802     | 8128     | 7677     | 6.83   | cps   |
| Molybdenum | 98-1  | 19681    | 20015    | 20724    | 20140    | 2.65   | cps   |
| Neodymium  | 150-1 | 62429    | 61296    | 63628    | 62451    | 1.87   | cps   |
| Neodymium  | 150-2 | 26289    | 26369    | 26365    | 26341    | 0.17   | cps   |
| Nickel     | 60-2  | 56020    | 55986    | 56064    | 56023    | 0.07   | cps   |
| Phosphorus | 31-2  | 3559     | 3534     | 3634     | 3576     | 1.46   | cps   |
| Potassium  | 39-2  | 414953   | 416505   | 412087   | 414515   | 0.54   | cps   |
| Rhodium    | 103-1 | 11648725 | 11568865 | 12197660 | 11805083 | 2.90   | cps   |
| Rhodium    | 103-2 | 6137661  | 6100399  | 6130886  | 6122982  | 0.32   | cps   |
| Scandium   | 45-1  | 8274809  | 8228298  | 8842965  | 8448690  | 4.05   | cps   |
| Scandium   | 45-2  | 381555   | 381826   | 380047   | 381143   | 0.25   | cps   |
| Selenium   | 77-2  | 97       | 83       | 107      | 96       | 12.25  | cps   |
| Selenium   | 78-2  | 230      | 213      | 230      | 224      | 4.29   | cps   |
| Selenium   | 82-1  | 337      | 217      | 98       | 217      | 55.08  | cps   |
| Silicon    | 28-1  | 28725663 | 29056766 | 30993560 | 29591996 | 4.14   | cps   |
| Silver     | 109-1 | 6660     | 7461     | 7811     | 7311     | 8.07   | cps   |
| Silver     | 107-1 | 6860     | 7527     | 8211     | 7533     | 8.97   | cps   |
| Sodium     | 23-2  | 87330    | 89726    | 88251    | 88436    | 1.37   | cps   |
| Strontium  | 86-1  | 81431    | 80391    | 87432    | 83085    | 4.57   | cps   |
| Strontium  | 88-1  | 655413   | 647102   | 687092   | 663203   | 3.18   | cps   |
| Sulfur     | 34-1  | 1156452  | 1163053  | 1177628  | 1165711  | 0.93   | cps   |
| Terbium    | 159-1 | 15500153 | 15287787 | 16483124 | 15757021 | 4.05   | cps   |
| Terbium    | 159-2 | 8209900  | 8148989  | 8109646  | 8156178  | 0.62   | cps   |
| Thallium   | 203-1 | 1750     | 1742     | 1775     | 1756     | 0.99   | cps   |
| Thallium   | 205-1 | 4343     | 4559     | 4784     | 4562     | 4.84   | cps   |
| Tin        | 118-1 | 72102    | 74129    | 79266    | 75166    | 4.91   | cps   |
| Titanium   | 47-1  | 116005   | 112695   | 120800   | 116500   | 3.50   | cps   |
| Uranium    | 238-1 | 45121    | 46092    | 47437    | 46217    | 2.52   | cps   |
| Vanadium   | 51-2  | 116532   | 116331   | 116492   | 116452   | 0.09   | cps   |
| Yttrium    | 89-1  | 13084966 | 12949349 | 13798950 | 13277755 | 3.44   | cps   |
| Yttrium    | 89-2  | 1933902  | 1943369  | 1943586  | 1940286  | 0.28   | cps   |
| Zinc       | 66-2  | 227897   | 228685   | 227763   | 228115   | 0.22   | cps   |
| Zirconium  | 90-1  | 46309    | 44671    | 49018    | 46666    | 4.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:20:24 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 9829 | 10162 | 11213 | 10401   | 6.95   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : I2690-01DLX100 Instrumnet Name : P7  
 Client Sample ID : MF4C42 Dilution Factor : 100  
 Date & Time Acquired :: 2017-04-24 14:23:59 DataFile Name : 028SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7986     | 8094     | 7969     | 8016     | 0.85   | cps   |
| Antimony   | 121-1 | 2250     | 2350     | 2550     | 2384     | 6.41   | cps   |
| Arsenic    | 75-2  | 163      | 200      | 172      | 178      | 10.80  | cps   |
| Barium     | 135-1 | 5701     | 6243     | 5877     | 5940     | 4.65   | cps   |
| Barium     | 137-1 | 10146    | 10104    | 9762     | 10004    | 2.10   | cps   |
| Beryllium  | 9-1   | 167      | 106      | 156      | 143      | 22.83  | cps   |
| Bismuth    | 209-1 | 10554256 | 10338457 | 10571323 | 10488012 | 1.24   | cps   |
| Bismuth    | 209-2 | 6222544  | 6314387  | 6244476  | 6260469  | 0.77   | cps   |
| Boron      | 10-1  | 792      | 942      | 883      | 872      | 8.67   | cps   |
| Boron      | 11-1  | 4126     | 3717     | 3867     | 3903     | 5.29   | cps   |
| Cadmium    | 111-1 | 3550     | 3448     | 3598     | 3532     | 2.16   | cps   |
| Cadmium    | 106-1 | 5026     | 4859     | 5043     | 4976     | 2.04   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 4        | 19       | 86.58  | cps   |
| Calcium    | 43-1  | 1934     | 1817     | 2167     | 1972     | 9.04   | cps   |
| Calcium    | 44-1  | 47628    | 47904    | 47954    | 47828    | 0.37   | cps   |
| Chromium   | 52-2  | 3314     | 3410     | 3327     | 3350     | 1.56   | cps   |
| Cobalt     | 59-2  | 1107     | 1110     | 1117     | 1111     | 0.46   | cps   |
| Copper     | 63-2  | 11201    | 10601    | 10424    | 10742    | 3.79   | cps   |
| Dysprosium | 156-1 | 400      | 450      | 500      | 450      | 11.11  | cps   |
| Dysprosium | 156-2 | 230      | 187      | 200      | 206      | 10.80  | cps   |
| Erbium     | 164-1 | 417      | 492      | 425      | 444      | 9.25   | cps   |
| Erbium     | 164-2 | 190      | 170      | 210      | 190      | 10.53  | cps   |
| Gadolinium | 160-1 | 475      | 467      | 550      | 497      | 9.23   | cps   |
| Gadolinium | 160-2 | 283      | 243      | 220      | 249      | 12.87  | cps   |
| Holmium    | 165-1 | 15520652 | 15422857 | 15676436 | 15539982 | 0.82   | cps   |
| Holmium    | 165-2 | 8059622  | 8207857  | 8021931  | 8096470  | 1.21   | cps   |
| Indium     | 115-1 | 12905584 | 12924260 | 13067125 | 12965656 | 0.68   | cps   |
| Indium     | 115-2 | 2414693  | 2445504  | 2416841  | 2425679  | 0.71   | cps   |
| Iron       | 56-2  | 2172160  | 2166793  | 2171513  | 2170155  | 0.14   | cps   |
| Iron       | 57-2  | 53659    | 53866    | 54273    | 53933    | 0.58   | cps   |
| Lead       | 206-1 | 7158471  | 7241824  | 7351788  | 7250695  | 1.34   | cps   |
| Lead       | 207-1 | 5846221  | 5832010  | 5866357  | 5848196  | 0.30   | cps   |
| Lead       | 208-1 | 27759718 | 27773079 | 28121042 | 27884613 | 0.73   | cps   |
| Lithium    | 6-1   | 2579303  | 2540230  | 2562846  | 2560793  | 0.77   | cps   |
| Magnesium  | 24-2  | 3926     | 3951     | 3834     | 3903     | 1.57   | cps   |
| Manganese  | 55-2  | 26451    | 26654    | 26701    | 26602    | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:23:59 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 758      | 900      | 908      | 856      | 9.85    | cps   |
| Molybdenum | 95-1  | 333      | 692      | 842      | 622      | 41.98   | cps   |
| Molybdenum | 96-1  | 617      | 850      | 1167     | 878      | 31.45   | cps   |
| Molybdenum | 97-1  | 258      | 417      | 467      | 381      | 28.58   | cps   |
| Molybdenum | 98-1  | 1000     | 1042     | 1433     | 1158     | 20.64   | cps   |
| Neodymium  | 150-1 | 633      | 673      | 733      | 680      | 7.40    | cps   |
| Neodymium  | 150-2 | 257      | 217      | 243      | 239      | 8.53    | cps   |
| Nickel     | 60-2  | 747      | 870      | 870      | 829      | 8.59    | cps   |
| Phosphorus | 31-2  | 583      | 533      | 533      | 550      | 5.25    | cps   |
| Potassium  | 39-2  | 56709    | 57797    | 56969    | 57158    | 0.99    | cps   |
| Rhodium    | 103-1 | 12297842 | 12391201 | 12488092 | 12392378 | 0.77    | cps   |
| Rhodium    | 103-2 | 5799145  | 5843243  | 5799637  | 5814008  | 0.44    | cps   |
| Scandium   | 45-1  | 8449110  | 8558404  | 8646495  | 8551336  | 1.16    | cps   |
| Scandium   | 45-2  | 373304   | 375107   | 373816   | 374076   | 0.25    | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 106      | 87       | 94       | 96       | 9.74    | cps   |
| Selenium   | 82-1  | -70      | 13       | -121     | -59      | -114.07 | cps   |
| Silicon    | 28-1  | 952455   | 946837   | 948014   | 949102   | 0.31    | cps   |
| Silver     | 109-1 | 1275     | 1225     | 1058     | 1186     | 9.56    | cps   |
| Silver     | 107-1 | 1375     | 1325     | 1108     | 1270     | 11.17   | cps   |
| Sodium     | 23-2  | 29521    | 29088    | 28645    | 29085    | 1.51    | cps   |
| Strontium  | 86-1  | 8128     | 7519     | 7869     | 7839     | 3.90    | cps   |
| Strontium  | 88-1  | 7794     | 8086     | 7894     | 7925     | 1.87    | cps   |
| Sulfur     | 34-1  | 858897   | 859022   | 865626   | 861181   | 0.45    | cps   |
| Terbium    | 159-1 | 16168616 | 16077800 | 16273775 | 16173397 | 0.61    | cps   |
| Terbium    | 159-2 | 8029655  | 8065127  | 8038697  | 8044493  | 0.23    | cps   |
| Thallium   | 203-1 | 192      | 250      | 233      | 225      | 13.35   | cps   |
| Thallium   | 205-1 | 533      | 567      | 392      | 497      | 18.69   | cps   |
| Tin        | 118-1 | 1567     | 1575     | 1775     | 1639     | 7.20    | cps   |
| Titanium   | 47-1  | 1592     | 1675     | 1433     | 1567     | 7.84    | cps   |
| Uranium    | 238-1 | 533      | 525      | 600      | 553      | 7.44    | cps   |
| Vanadium   | 51-2  | 1207     | 1160     | 1060     | 1142     | 6.56    | cps   |
| Yttrium    | 89-1  | 13511202 | 13176312 | 13294377 | 13327297 | 1.27    | cps   |
| Yttrium    | 89-2  | 1862110  | 1902289  | 1883171  | 1882523  | 1.07    | cps   |
| Zinc       | 66-2  | 2750     | 2840     | 2754     | 2781     | 1.83    | cps   |
| Zirconium  | 90-1  | 1200     | 1392     | 1383     | 1325     | 8.18    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:23:59 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 308  | 383  | 339     | 11.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 744563     | 748851     | 742874     | 745430     | 0.41   | cps   |
| Antimony   | 121-1 | 28546      | 27912      | 28421      | 28293      | 1.19   | cps   |
| Arsenic    | 75-2  | 10483      | 10180      | 10389      | 10351      | 1.50   | cps   |
| Barium     | 135-1 | 530953     | 528089     | 535685     | 531575     | 0.72   | cps   |
| Barium     | 137-1 | 914450     | 905165     | 920328     | 913314     | 0.84   | cps   |
| Beryllium  | 9-1   | 2250       | 2028       | 2117       | 2132       | 5.25   | cps   |
| Bismuth    | 209-1 | 11129760   | 11296993   | 11339273   | 11255342   | 0.98   | cps   |
| Bismuth    | 209-2 | 6306437    | 6453573    | 6404941    | 6388317    | 1.17   | cps   |
| Boron      | 10-1  | 1475       | 1508       | 1558       | 1514       | 2.77   | cps   |
| Boron      | 11-1  | 7185       | 7410       | 6960       | 7185       | 3.13   | cps   |
| Cadmium    | 111-1 | 6741       | 6900       | 6497       | 6713       | 3.03   | cps   |
| Cadmium    | 106-1 | 5710       | 5785       | 5226       | 5574       | 5.44   | cps   |
| Cadmium    | 108-1 | 258        | 292        | 279        | 276        | 6.09   | cps   |
| Calcium    | 43-1  | 113981     | 113644     | 112722     | 113449     | 0.57   | cps   |
| Calcium    | 44-1  | 1846436    | 1857320    | 1856166    | 1853307    | 0.32   | cps   |
| Chromium   | 52-2  | 187401     | 186864     | 185970     | 186745     | 0.39   | cps   |
| Cobalt     | 59-2  | 93160      | 93083      | 91667      | 92637      | 0.91   | cps   |
| Copper     | 63-2  | 502525     | 506264     | 505799     | 504863     | 0.40   | cps   |
| Dysprosium | 156-1 | 42500      | 42617      | 42508      | 42542      | 0.15   | cps   |
| Dysprosium | 156-2 | 18920      | 18910      | 18723      | 18851      | 0.59   | cps   |
| Erbium     | 164-1 | 31045      | 30134      | 29925      | 30368      | 1.96   | cps   |
| Erbium     | 164-2 | 15052      | 15212      | 14935      | 15066      | 0.92   | cps   |
| Gadolinium | 160-1 | 38162      | 37937      | 37687      | 37929      | 0.63   | cps   |
| Gadolinium | 160-2 | 20920      | 20749      | 20372      | 20680      | 1.35   | cps   |
| Holmium    | 165-1 | 16021170   | 15971655   | 15986538   | 15993121   | 0.16   | cps   |
| Holmium    | 165-2 | 8056531    | 8145014    | 8092599    | 8098048    | 0.55   | cps   |
| Indium     | 115-1 | 13235464   | 13496036   | 13446700   | 13392733   | 1.03   | cps   |
| Indium     | 115-2 | 2376811    | 2410828    | 2415038    | 2400892    | 0.87   | cps   |
| Iron       | 56-2  | 217200066  | 214725099  | 215104794  | 215676653  | 0.62   | cps   |
| Iron       | 57-2  | 5400882    | 5340875    | 5090661    | 5277473    | 3.12   | cps   |
| Lead       | 206-1 | 649709592  | 649171881  | 650280592  | 649720689  | 0.09   | cps   |
| Lead       | 207-1 | 561691879  | 573985657  | 565860124  | 567179220  | 1.10   | cps   |
| Lead       | 208-1 | 2566334391 | 2597587303 | 2581098124 | 2581673273 | 0.61   | cps   |
| Lithium    | 6-1   | 2630166    | 2658632    | 2683766    | 2657522    | 1.01   | cps   |
| Magnesium  | 24-2  | 353489     | 354190     | 355076     | 354252     | 0.22   | cps   |
| Manganese  | 55-2  | 2553969    | 2563435    | 2564996    | 2560800    | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 22719    | 22694    | 22828    | 22747    | 0.31   | cps   |
| Molybdenum | 95-1  | 14983    | 15359    | 14516    | 14953    | 2.82   | cps   |
| Molybdenum | 96-1  | 18521    | 18145    | 18905    | 18524    | 2.05   | cps   |
| Molybdenum | 97-1  | 8870     | 8720     | 9437     | 9009     | 4.20   | cps   |
| Molybdenum | 98-1  | 23128    | 23370    | 24238    | 23579    | 2.48   | cps   |
| Neodymium  | 150-1 | 64719    | 63219    | 63379    | 63772    | 1.29   | cps   |
| Neodymium  | 150-2 | 25310    | 25701    | 25841    | 25617    | 1.07   | cps   |
| Nickel     | 60-2  | 53755    | 53574    | 53856    | 53728    | 0.27   | cps   |
| Phosphorus | 31-2  | 3509     | 3250     | 3442     | 3401     | 3.95   | cps   |
| Potassium  | 39-2  | 388054   | 391371   | 388605   | 389343   | 0.46   | cps   |
| Rhodium    | 103-1 | 12669553 | 12618994 | 12609070 | 12632539 | 0.26   | cps   |
| Rhodium    | 103-2 | 6079584  | 6084507  | 6059861  | 6074651  | 0.21   | cps   |
| Scandium   | 45-1  | 8939212  | 8930409  | 8895742  | 8921788  | 0.26   | cps   |
| Scandium   | 45-2  | 373765   | 378701   | 376701   | 376389   | 0.66   | cps   |
| Selenium   | 77-2  | 83       | 120      | 113      | 106      | 18.51  | cps   |
| Selenium   | 78-2  | 219      | 217      | 226      | 220      | 2.22   | cps   |
| Selenium   | 82-1  | 382      | 220      | 274      | 292      | 28.23  | cps   |
| Silicon    | 28-1  | 11654168 | 11756474 | 11667698 | 11692780 | 0.48   | cps   |
| Silver     | 109-1 | 5876     | 6252     | 7419     | 6516     | 12.35  | cps   |
| Silver     | 107-1 | 6360     | 7160     | 7336     | 6952     | 7.48   | cps   |
| Sodium     | 23-2  | 87689    | 84890    | 87152    | 86577    | 1.72   | cps   |
| Strontium  | 86-1  | 83518    | 85823    | 83208    | 84183    | 1.70   | cps   |
| Strontium  | 88-1  | 680936   | 684564   | 675144   | 680214   | 0.70   | cps   |
| Sulfur     | 34-1  | 1196137  | 1188921  | 1188396  | 1191151  | 0.36   | cps   |
| Terbium    | 159-1 | 16601725 | 16621516 | 16900618 | 16707953 | 1.00   | cps   |
| Terbium    | 159-2 | 8013981  | 8124899  | 7949650  | 8029510  | 1.10   | cps   |
| Thallium   | 203-1 | 1984     | 2267     | 2259     | 2170     | 7.43   | cps   |
| Thallium   | 205-1 | 5285     | 5293     | 5360     | 5312     | 0.77   | cps   |
| Tin        | 118-1 | 87901    | 88319    | 87154    | 87791    | 0.67   | cps   |
| Titanium   | 47-1  | 126606   | 126741   | 126168   | 126505   | 0.24   | cps   |
| Uranium    | 238-1 | 48650    | 48174    | 47889    | 48238    | 0.80   | cps   |
| Vanadium   | 51-2  | 113744   | 112646   | 112051   | 112814   | 0.76   | cps   |
| Yttrium    | 89-1  | 14208936 | 14407679 | 14115200 | 14243938 | 1.05   | cps   |
| Yttrium    | 89-2  | 1902666  | 1924553  | 1908894  | 1912038  | 0.59   | cps   |
| Zinc       | 66-2  | 220216   | 219604   | 220113   | 219978   | 0.15   | cps   |
| Zirconium  | 90-1  | 38202    | 38344    | 38695    | 38414    | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:27:28 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8620 | 8369 | 8036 | 8342    | 3.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8253     | 8620     | 8511     | 8461     | 2.23   | cps   |
| Antimony   | 121-1 | 1467     | 1450     | 1692     | 1536     | 8.79   | cps   |
| Arsenic    | 75-2  | 172      | 174      | 167      | 171      | 2.26   | cps   |
| Barium     | 135-1 | 5710     | 5301     | 5343     | 5451     | 4.12   | cps   |
| Barium     | 137-1 | 8862     | 9454     | 9479     | 9265     | 3.77   | cps   |
| Beryllium  | 9-1   | 122      | 83       | 139      | 115      | 24.83  | cps   |
| Bismuth    | 209-1 | 10374278 | 10321652 | 10432472 | 10376134 | 0.53   | cps   |
| Bismuth    | 209-2 | 6135417  | 6184091  | 6201674  | 6173727  | 0.56   | cps   |
| Boron      | 10-1  | 567      | 625      | 592      | 594      | 4.92   | cps   |
| Boron      | 11-1  | 2700     | 2759     | 2875     | 2778     | 3.21   | cps   |
| Cadmium    | 111-1 | 3632     | 3227     | 3333     | 3398     | 6.19   | cps   |
| Cadmium    | 106-1 | 5135     | 4559     | 4701     | 4798     | 6.25   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 2059     | 1967     | 1817     | 1947     | 6.27   | cps   |
| Calcium    | 44-1  | 45295    | 46231    | 45856    | 45794    | 1.03   | cps   |
| Chromium   | 52-2  | 3314     | 3164     | 3417     | 3298     | 3.86   | cps   |
| Cobalt     | 59-2  | 1000     | 1063     | 1050     | 1038     | 3.22   | cps   |
| Copper     | 63-2  | 10307    | 10317    | 9927     | 10184    | 2.18   | cps   |
| Dysprosium | 156-1 | 375      | 467      | 442      | 428      | 11.08  | cps   |
| Dysprosium | 156-2 | 203      | 177      | 183      | 188      | 7.39   | cps   |
| Erbium     | 164-1 | 317      | 242      | 492      | 350      | 36.66  | cps   |
| Erbium     | 164-2 | 197      | 177      | 180      | 184      | 5.81   | cps   |
| Gadolinium | 160-1 | 483      | 500      | 567      | 517      | 8.53   | cps   |
| Gadolinium | 160-2 | 280      | 333      | 250      | 288      | 14.67  | cps   |
| Holmium    | 165-1 | 15591452 | 15431707 | 15432188 | 15485116 | 0.59   | cps   |
| Holmium    | 165-2 | 7997445  | 8016510  | 8020845  | 8011600  | 0.16   | cps   |
| Indium     | 115-1 | 12976629 | 12765159 | 12844952 | 12862246 | 0.83   | cps   |
| Indium     | 115-2 | 2383965  | 2396303  | 2424594  | 2401620  | 0.87   | cps   |
| Iron       | 56-2  | 2101645  | 2084020  | 2090050  | 2091905  | 0.43   | cps   |
| Iron       | 57-2  | 51279    | 50470    | 51212    | 50987    | 0.88   | cps   |
| Lead       | 206-1 | 6321276  | 6240508  | 6181315  | 6247700  | 1.12   | cps   |
| Lead       | 207-1 | 5345505  | 5268680  | 5300636  | 5304940  | 0.73   | cps   |
| Lead       | 208-1 | 25206933 | 24887643 | 24774347 | 24956308 | 0.90   | cps   |
| Lithium    | 6-1   | 2578020  | 2540263  | 2543538  | 2553940  | 0.82   | cps   |
| Magnesium  | 24-2  | 3967     | 4001     | 3634     | 3867     | 5.24   | cps   |
| Manganese  | 55-2  | 26120    | 25830    | 25800    | 25916    | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 667      | 808      | 950      | 808      | 17.53   | cps   |
| Molybdenum | 95-1  | 508      | 650      | 725      | 628      | 17.53   | cps   |
| Molybdenum | 96-1  | 725      | 817      | 867      | 803      | 8.95    | cps   |
| Molybdenum | 97-1  | 258      | 325      | 500      | 361      | 34.57   | cps   |
| Molybdenum | 98-1  | 775      | 908      | 1083     | 922      | 16.77   | cps   |
| Neodymium  | 150-1 | 673      | 647      | 693      | 671      | 3.49    | cps   |
| Neodymium  | 150-2 | 293      | 293      | 217      | 268      | 16.53   | cps   |
| Nickel     | 60-2  | 837      | 700      | 950      | 829      | 15.10   | cps   |
| Phosphorus | 31-2  | 442      | 550      | 508      | 500      | 10.93   | cps   |
| Potassium  | 39-2  | 57621    | 56509    | 57587    | 57239    | 1.11    | cps   |
| Rhodium    | 103-1 | 12236023 | 12050672 | 12067231 | 12117975 | 0.85    | cps   |
| Rhodium    | 103-2 | 5730019  | 5934994  | 5822843  | 5829285  | 1.76    | cps   |
| Scandium   | 45-1  | 8494983  | 8477444  | 8495151  | 8489193  | 0.12    | cps   |
| Scandium   | 45-2  | 371296   | 372826   | 376954   | 373692   | 0.78    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 135      | 143      | 141      | 140      | 2.76    | cps   |
| Selenium   | 82-1  | -45      | -219     | 25       | -80      | -157.84 | cps   |
| Silicon    | 28-1  | 707511   | 701703   | 699469   | 702894   | 0.59    | cps   |
| Silver     | 109-1 | 1117     | 833      | 742      | 897      | 21.79   | cps   |
| Silver     | 107-1 | 1025     | 1075     | 900      | 1000     | 9.01    | cps   |
| Sodium     | 23-2  | 27793    | 27877    | 27368    | 27679    | 0.99    | cps   |
| Strontium  | 86-1  | 7094     | 7285     | 7711     | 7363     | 4.29    | cps   |
| Strontium  | 88-1  | 7686     | 7427     | 7861     | 7658     | 2.85    | cps   |
| Sulfur     | 34-1  | 858248   | 858687   | 848300   | 855078   | 0.69    | cps   |
| Terbium    | 159-1 | 16181698 | 16035730 | 15994616 | 16070681 | 0.61    | cps   |
| Terbium    | 159-2 | 7951072  | 7937746  | 8013181  | 7967333  | 0.51    | cps   |
| Thallium   | 203-1 | 167      | 150      | 258      | 192      | 30.43   | cps   |
| Thallium   | 205-1 | 358      | 392      | 333      | 361      | 8.10    | cps   |
| Tin        | 118-1 | 1717     | 1575     | 1750     | 1681     | 5.53    | cps   |
| Titanium   | 47-1  | 1759     | 1592     | 1392     | 1581     | 11.62   | cps   |
| Uranium    | 238-1 | 733      | 583      | 608      | 642      | 12.52   | cps   |
| Vanadium   | 51-2  | 1207     | 1143     | 1237     | 1196     | 3.99    | cps   |
| Yttrium    | 89-1  | 13297795 | 13052565 | 13093449 | 13147936 | 1.00    | cps   |
| Yttrium    | 89-2  | 1867384  | 1858507  | 1872247  | 1866046  | 0.37    | cps   |
| Zinc       | 66-2  | 2800     | 2947     | 2670     | 2806     | 4.93    | cps   |
| Zirconium  | 90-1  | 1383     | 1017     | 1258     | 1220     | 15.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:31:03 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 208  | 217  | 264     | 33.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 164832    | 162272    | 163535    | 163547    | 0.78   | cps   |
| Antimony   | 121-1 | 5043      | 5126      | 5126      | 5098      | 0.94   | cps   |
| Arsenic    | 75-2  | 2074      | 2159      | 2076      | 2103      | 2.31   | cps   |
| Barium     | 135-1 | 116855    | 117376    | 116107    | 116779    | 0.55   | cps   |
| Barium     | 137-1 | 201373    | 202034    | 201407    | 201605    | 0.18   | cps   |
| Beryllium  | 9-1   | 578       | 472       | 444       | 498       | 14.12  | cps   |
| Bismuth    | 209-1 | 10500862  | 10497980  | 9572366   | 10190403  | 5.25   | cps   |
| Bismuth    | 209-2 | 6171587   | 6191241   | 6228539   | 6197122   | 0.47   | cps   |
| Boron      | 10-1  | 742       | 600       | 608       | 650       | 12.23  | cps   |
| Boron      | 11-1  | 3034      | 3025      | 3242      | 3100      | 3.96   | cps   |
| Cadmium    | 111-1 | 4144      | 4011      | 3715      | 3957      | 5.55   | cps   |
| Cadmium    | 106-1 | 4943      | 4926      | 4484      | 4784      | 5.43   | cps   |
| Cadmium    | 108-1 | 58        | 83        | 58        | 67        | 21.66  | cps   |
| Calcium    | 43-1  | 24154     | 23236     | 23503     | 23631     | 2.00   | cps   |
| Calcium    | 44-1  | 410739    | 409730    | 408440    | 409636    | 0.28   | cps   |
| Chromium   | 52-2  | 40546     | 40669     | 40923     | 40713     | 0.47   | cps   |
| Cobalt     | 59-2  | 20238     | 19450     | 19259     | 19649     | 2.64   | cps   |
| Copper     | 63-2  | 107806    | 108998    | 110217    | 109007    | 1.11   | cps   |
| Dysprosium | 156-1 | 8561      | 8695      | 8486      | 8581      | 1.23   | cps   |
| Dysprosium | 156-2 | 4024      | 3891      | 4037      | 3984      | 2.04   | cps   |
| Erbium     | 164-1 | 6352      | 6602      | 6435      | 6463      | 1.97   | cps   |
| Erbium     | 164-2 | 3184      | 3264      | 3234      | 3227      | 1.25   | cps   |
| Gadolinium | 160-1 | 7619      | 7678      | 7686      | 7661      | 0.47   | cps   |
| Gadolinium | 160-2 | 4381      | 4324      | 4574      | 4426      | 2.96   | cps   |
| Holmium    | 165-1 | 15556510  | 15510532  | 14129660  | 15065567  | 5.38   | cps   |
| Holmium    | 165-2 | 8000221   | 8071307   | 8084587   | 8052038   | 0.56   | cps   |
| Indium     | 115-1 | 12798946  | 12797223  | 11814792  | 12470320  | 4.55   | cps   |
| Indium     | 115-2 | 2375981   | 2380319   | 2407901   | 2388067   | 0.72   | cps   |
| Iron       | 56-2  | 44939433  | 44823145  | 44944229  | 44902269  | 0.15   | cps   |
| Iron       | 57-2  | 1069494   | 1069662   | 1073074   | 1070744   | 0.19   | cps   |
| Lead       | 206-1 | 141742081 | 141112128 | 142747525 | 141867245 | 0.58   | cps   |
| Lead       | 207-1 | 120525714 | 120862011 | 122414892 | 121267539 | 0.83   | cps   |
| Lead       | 208-1 | 553509523 | 552236412 | 557609257 | 554451731 | 0.51   | cps   |
| Lithium    | 6-1   | 2532113   | 2516935   | 2299449   | 2449499   | 5.31   | cps   |
| Magnesium  | 24-2  | 75734     | 78547     | 76638     | 76973     | 1.87   | cps   |
| Manganese  | 55-2  | 538920    | 543063    | 543107    | 541697    | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 5326     | 5443     | 5151     | 5307     | 2.77    | cps   |
| Molybdenum | 95-1  | 2750     | 3092     | 2984     | 2942     | 5.94    | cps   |
| Molybdenum | 96-1  | 3859     | 3901     | 3984     | 3915     | 1.63    | cps   |
| Molybdenum | 97-1  | 1800     | 1842     | 2017     | 1886     | 6.10    | cps   |
| Molybdenum | 98-1  | 4484     | 4651     | 4534     | 4556     | 1.88    | cps   |
| Neodymium  | 150-1 | 13354    | 12960    | 13047    | 13120    | 1.58    | cps   |
| Neodymium  | 150-2 | 5358     | 5445     | 5194     | 5332     | 2.38    | cps   |
| Nickel     | 60-2  | 11581    | 11208    | 11468    | 11419    | 1.68    | cps   |
| Phosphorus | 31-2  | 1158     | 1042     | 1133     | 1111     | 5.53    | cps   |
| Potassium  | 39-2  | 126156   | 125023   | 127115   | 126098   | 0.83    | cps   |
| Rhodium    | 103-1 | 12189449 | 12165016 | 11067187 | 11807217 | 5.43    | cps   |
| Rhodium    | 103-2 | 6006787  | 5762952  | 5781188  | 5850309  | 2.32    | cps   |
| Scandium   | 45-1  | 8531129  | 8560344  | 7708863  | 8266778  | 5.85    | cps   |
| Scandium   | 45-2  | 372327   | 378858   | 375935   | 375706   | 0.87    | cps   |
| Selenium   | 77-2  | 30       | 37       | 27       | 31       | 16.37   | cps   |
| Selenium   | 78-2  | 135      | 130      | 161      | 142      | 11.83   | cps   |
| Selenium   | 82-1  | 3        | -53      | -293     | -114     | -137.62 | cps   |
| Silicon    | 28-1  | 6397242  | 6267735  | 6344535  | 6336504  | 1.03    | cps   |
| Silver     | 109-1 | 1375     | 1392     | 1375     | 1381     | 0.70    | cps   |
| Silver     | 107-1 | 1575     | 1592     | 1533     | 1567     | 1.92    | cps   |
| Sodium     | 23-2  | 36395    | 37389    | 36971    | 36919    | 1.35    | cps   |
| Strontium  | 86-1  | 23846    | 22836    | 23820    | 23501    | 2.45    | cps   |
| Strontium  | 88-1  | 144011   | 141341   | 144405   | 143253   | 1.16    | cps   |
| Sulfur     | 34-1  | 912839   | 898160   | 901283   | 904094   | 0.86    | cps   |
| Terbium    | 159-1 | 15996170 | 16336976 | 14635636 | 15656261 | 5.75    | cps   |
| Terbium    | 159-2 | 7922102  | 7992117  | 7875147  | 7929789  | 0.74    | cps   |
| Thallium   | 203-1 | 417      | 408      | 567      | 464      | 19.21   | cps   |
| Thallium   | 205-1 | 1158     | 1250     | 1175     | 1195     | 4.09    | cps   |
| Tin        | 118-1 | 17036    | 16819    | 16686    | 16847    | 1.05    | cps   |
| Titanium   | 47-1  | 26224    | 24505    | 26199    | 25643    | 3.84    | cps   |
| Uranium    | 238-1 | 9779     | 10405    | 10355    | 10179    | 3.42    | cps   |
| Vanadium   | 51-2  | 23462    | 24270    | 23920    | 23884    | 1.70    | cps   |
| Yttrium    | 89-1  | 13286512 | 13236099 | 12149437 | 12890683 | 4.98    | cps   |
| Yttrium    | 89-2  | 1871420  | 1874659  | 1894486  | 1880188  | 0.66    | cps   |
| Zinc       | 66-2  | 45952    | 46517    | 47293    | 46588    | 1.44    | cps   |
| Zirconium  | 90-1  | 10121    | 10754    | 9979     | 10285    | 4.01    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 14:34:33 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2075 | 2234 | 2225 | 2178    | 4.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1633     | 1850     | 1747     | 6.23   | cps   |
| Antimony   | 121-1 | 917      | 1058     | 975      | 983      | 7.24   | cps   |
| Arsenic    | 75-2  | 63       | 52       | 54       | 56       | 10.60  | cps   |
| Barium     | 135-1 | 1158     | 1150     | 1292     | 1200     | 6.63   | cps   |
| Barium     | 137-1 | 2392     | 1892     | 2034     | 2106     | 12.24  | cps   |
| Beryllium  | 9-1   | 111      | 100      | 39       | 83       | 46.67  | cps   |
| Bismuth    | 209-1 | 10315939 | 10245852 | 10237194 | 10266328 | 0.42   | cps   |
| Bismuth    | 209-2 | 6105320  | 6158456  | 6134994  | 6132923  | 0.43   | cps   |
| Boron      | 10-1  | 375      | 317      | 325      | 339      | 9.31   | cps   |
| Boron      | 11-1  | 1934     | 1859     | 1608     | 1800     | 9.45   | cps   |
| Cadmium    | 111-1 | 3147     | 3102     | 3445     | 3231     | 5.76   | cps   |
| Cadmium    | 106-1 | 4493     | 4426     | 4901     | 4606     | 5.59   | cps   |
| Cadmium    | 108-1 | 21       | 0        | 4        | 8        | 132.26 | cps   |
| Calcium    | 43-1  | 983      | 1050     | 933      | 989      | 5.92   | cps   |
| Calcium    | 44-1  | 32420    | 31351    | 32787    | 32186    | 2.32   | cps   |
| Chromium   | 52-2  | 1743     | 1767     | 1923     | 1811     | 5.40   | cps   |
| Cobalt     | 59-2  | 323      | 340      | 333      | 332      | 2.53   | cps   |
| Copper     | 63-2  | 4861     | 5144     | 5378     | 5128     | 5.05   | cps   |
| Dysprosium | 156-1 | 133      | 58       | 150      | 114      | 42.87  | cps   |
| Dysprosium | 156-2 | 43       | 30       | 30       | 34       | 22.34  | cps   |
| Erbium     | 164-1 | 100      | 125      | 158      | 128      | 22.90  | cps   |
| Erbium     | 164-2 | 43       | 63       | 87       | 64       | 33.66  | cps   |
| Gadolinium | 160-1 | 200      | 283      | 192      | 225      | 22.53  | cps   |
| Gadolinium | 160-2 | 103      | 93       | 123      | 107      | 14.32  | cps   |
| Holmium    | 165-1 | 15370651 | 15132573 | 15248080 | 15250435 | 0.78   | cps   |
| Holmium    | 165-2 | 7911279  | 7936958  | 7950051  | 7932763  | 0.25   | cps   |
| Indium     | 115-1 | 12687964 | 12852078 | 12676917 | 12738986 | 0.77   | cps   |
| Indium     | 115-2 | 2383905  | 2399582  | 2401319  | 2394935  | 0.40   | cps   |
| Iron       | 56-2  | 429378   | 424030   | 433970   | 429126   | 1.16   | cps   |
| Iron       | 57-2  | 10126    | 10999    | 11321    | 10815    | 5.72   | cps   |
| Lead       | 206-1 | 1400135  | 1361809  | 1355178  | 1372374  | 1.77   | cps   |
| Lead       | 207-1 | 1180111  | 1150653  | 1156254  | 1162339  | 1.35   | cps   |
| Lead       | 208-1 | 5485551  | 5370181  | 5338907  | 5398213  | 1.43   | cps   |
| Lithium    | 6-1   | 2482043  | 2475832  | 2480885  | 2479587  | 0.13   | cps   |
| Magnesium  | 24-2  | 1092     | 1242     | 783      | 1039     | 22.49  | cps   |
| Manganese  | 55-2  | 5224     | 5398     | 5411     | 5344     | 1.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 342      | 525      | 533      | 467      | 23.21   | cps   |
| Molybdenum | 95-1  | 217      | 200      | 400      | 272      | 40.76   | cps   |
| Molybdenum | 96-1  | 325      | 433      | 450      | 403      | 16.85   | cps   |
| Molybdenum | 97-1  | 108      | 175      | 242      | 175      | 38.09   | cps   |
| Molybdenum | 98-1  | 417      | 358      | 650      | 475      | 32.49   | cps   |
| Neodymium  | 150-1 | 213      | 160      | 167      | 180      | 16.14   | cps   |
| Neodymium  | 150-2 | 53       | 50       | 50       | 51       | 3.76    | cps   |
| Nickel     | 60-2  | 420      | 480      | 420      | 440      | 7.87    | cps   |
| Phosphorus | 31-2  | 400      | 558      | 433      | 464      | 18.00   | cps   |
| Potassium  | 39-2  | 51783    | 52209    | 53146    | 52379    | 1.33    | cps   |
| Rhodium    | 103-1 | 12092084 | 11907522 | 12106666 | 12035424 | 0.92    | cps   |
| Rhodium    | 103-2 | 5707353  | 5727981  | 5706033  | 5713789  | 0.22    | cps   |
| Scandium   | 45-1  | 8261326  | 8322429  | 8342925  | 8308893  | 0.51    | cps   |
| Scandium   | 45-2  | 371360   | 368929   | 372105   | 370798   | 0.45    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 107      | 141      | 115      | 121      | 14.46   | cps   |
| Selenium   | 82-1  | -155     | 81       | -68      | -47      | -252.09 | cps   |
| Silicon    | 28-1  | 646173   | 643344   | 642669   | 644062   | 0.29    | cps   |
| Silver     | 109-1 | 433      | 400      | 342      | 392      | 11.85   | cps   |
| Silver     | 107-1 | 500      | 483      | 525      | 503      | 4.17    | cps   |
| Sodium     | 23-2  | 23745    | 23018    | 23144    | 23302    | 1.67    | cps   |
| Strontium  | 86-1  | 6619     | 6835     | 7019     | 6824     | 2.94    | cps   |
| Strontium  | 88-1  | 2442     | 2525     | 2242     | 2403     | 6.06    | cps   |
| Sulfur     | 34-1  | 813966   | 817626   | 813553   | 815048   | 0.28    | cps   |
| Terbium    | 159-1 | 16010321 | 15958186 | 15928117 | 15965541 | 0.26    | cps   |
| Terbium    | 159-2 | 7871863  | 7927412  | 7906475  | 7901917  | 0.36    | cps   |
| Thallium   | 203-1 | 233      | 142      | 150      | 175      | 28.96   | cps   |
| Thallium   | 205-1 | 350      | 425      | 375      | 383      | 9.96    | cps   |
| Tin        | 118-1 | 800      | 875      | 983      | 886      | 10.40   | cps   |
| Titanium   | 47-1  | 600      | 475      | 567      | 547      | 11.83   | cps   |
| Uranium    | 238-1 | 142      | 150      | 217      | 169      | 24.26   | cps   |
| Vanadium   | 51-2  | 287      | 283      | 273      | 281      | 2.47    | cps   |
| Yttrium    | 89-1  | 13062968 | 13049862 | 12967636 | 13026822 | 0.40    | cps   |
| Yttrium    | 89-2  | 1852143  | 1853349  | 1869507  | 1858333  | 0.52    | cps   |
| Zinc       | 66-2  | 1173     | 1230     | 1180     | 1195     | 2.59    | cps   |
| Zirconium  | 90-1  | 900      | 825      | 858      | 861      | 4.36    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 14:38:03 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 183  | 233  | 178     | 32.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 776628     | 774582     | 772309     | 774507     | 0.28   | cps   |
| Antimony   | 121-1 | 335028     | 334754     | 333846     | 334543     | 0.18   | cps   |
| Arsenic    | 75-2  | 14804      | 14602      | 14268      | 14558      | 1.86   | cps   |
| Barium     | 135-1 | 1911556    | 1910276    | 1899429    | 1907087    | 0.35   | cps   |
| Barium     | 137-1 | 3337586    | 3336922    | 3319352    | 3331287    | 0.31   | cps   |
| Beryllium  | 9-1   | 35192      | 35520      | 34941      | 35217      | 0.82   | cps   |
| Bismuth    | 209-1 | 11078037   | 11174535   | 11110710   | 11121094   | 0.44   | cps   |
| Bismuth    | 209-2 | 6359902    | 6330897    | 6326278    | 6339026    | 0.29   | cps   |
| Boron      | 10-1  | 1083       | 1208       | 1050       | 1114       | 7.49   | cps   |
| Boron      | 11-1  | 4876       | 5343       | 5810       | 5343       | 8.74   | cps   |
| Cadmium    | 111-1 | 44548      | 45270      | 44837      | 44885      | 0.81   | cps   |
| Cadmium    | 106-1 | 8728       | 8870       | 8620       | 8739       | 1.44   | cps   |
| Cadmium    | 108-1 | 3100       | 2784       | 2759       | 2881       | 6.61   | cps   |
| Calcium    | 43-1  | 110234     | 110368     | 107632     | 109412     | 1.41   | cps   |
| Calcium    | 44-1  | 1799068    | 1796429    | 1766091    | 1787196    | 1.03   | cps   |
| Chromium   | 52-2  | 380117     | 377791     | 378594     | 378834     | 0.31   | cps   |
| Cobalt     | 59-2  | 928568     | 920907     | 919416     | 922964     | 0.53   | cps   |
| Copper     | 63-2  | 809943     | 801635     | 796530     | 802703     | 0.84   | cps   |
| Dysprosium | 156-1 | 41296      | 40946      | 40662      | 40968      | 0.78   | cps   |
| Dysprosium | 156-2 | 18586      | 18202      | 18319      | 18369      | 1.07   | cps   |
| Erbium     | 164-1 | 29399      | 29575      | 30377      | 29784      | 1.75   | cps   |
| Erbium     | 164-2 | 14805      | 14498      | 15005      | 14769      | 1.73   | cps   |
| Gadolinium | 160-1 | 37076      | 35957      | 36124      | 36386      | 1.66   | cps   |
| Gadolinium | 160-2 | 20455      | 20532      | 20576      | 20521      | 0.30   | cps   |
| Holmium    | 165-1 | 15720365   | 15694903   | 15851671   | 15755647   | 0.53   | cps   |
| Holmium    | 165-2 | 7957773    | 7934743    | 7916355    | 7936291    | 0.26   | cps   |
| Indium     | 115-1 | 13091755   | 13132130   | 13095890   | 13106592   | 0.17   | cps   |
| Indium     | 115-2 | 2375618    | 2343584    | 2387940    | 2369048    | 0.97   | cps   |
| Iron       | 56-2  | 211327277  | 207087782  | 207894077  | 208769712  | 1.08   | cps   |
| Iron       | 57-2  | 4968970    | 4927157    | 4976708    | 4957612    | 0.54   | cps   |
| Lead       | 206-1 | 636390214  | 630848747  | 641606437  | 636281799  | 0.85   | cps   |
| Lead       | 207-1 | 551001223  | 553958523  | 549195012  | 551384920  | 0.44   | cps   |
| Lead       | 208-1 | 2507277467 | 2515342545 | 2512007567 | 2511542527 | 0.16   | cps   |
| Lithium    | 6-1   | 2588869    | 2598493    | 2612122    | 2599828    | 0.45   | cps   |
| Magnesium  | 24-2  | 343189     | 338529     | 344900     | 342206     | 0.96   | cps   |
| Manganese  | 55-2  | 2765723    | 2739390    | 2757446    | 2754186    | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 21676    | 21625    | 21467    | 21589    | 0.50   | cps   |
| Molybdenum | 95-1  | 13849    | 14742    | 14032    | 14208    | 3.32   | cps   |
| Molybdenum | 96-1  | 18129    | 18012    | 17962    | 18034    | 0.47   | cps   |
| Molybdenum | 97-1  | 9020     | 9062     | 8886     | 8989     | 1.02   | cps   |
| Molybdenum | 98-1  | 22836    | 23621    | 22836    | 23097    | 1.96   | cps   |
| Neodymium  | 150-1 | 62836    | 61283    | 62495    | 62205    | 1.31   | cps   |
| Neodymium  | 150-2 | 25313    | 25474    | 24485    | 25091    | 2.11   | cps   |
| Nickel     | 60-2  | 278553   | 274525   | 274253   | 275777   | 0.87   | cps   |
| Phosphorus | 31-2  | 2892     | 3042     | 3459     | 3131     | 9.38   | cps   |
| Potassium  | 39-2  | 376996   | 378006   | 381243   | 378748   | 0.59   | cps   |
| Rhodium    | 103-1 | 12321644 | 12415214 | 12533436 | 12423431 | 0.85   | cps   |
| Rhodium    | 103-2 | 5768914  | 5928598  | 5763350  | 5820287  | 1.61   | cps   |
| Scandium   | 45-1  | 8685220  | 8732554  | 8670444  | 8696073  | 0.37   | cps   |
| Scandium   | 45-2  | 372973   | 368508   | 372072   | 371184   | 0.64   | cps   |
| Selenium   | 77-2  | 360      | 427      | 350      | 379      | 11.00  | cps   |
| Selenium   | 78-2  | 1009     | 943      | 948      | 967      | 3.83   | cps   |
| Selenium   | 82-1  | 5119     | 5042     | 4790     | 4983     | 3.45   | cps   |
| Silicon    | 28-1  | 10806839 | 10770900 | 10688570 | 10755436 | 0.56   | cps   |
| Silver     | 109-1 | 172794   | 174341   | 172322   | 173152   | 0.61   | cps   |
| Silver     | 107-1 | 178487   | 180578   | 181921   | 180328   | 0.96   | cps   |
| Sodium     | 23-2  | 74552    | 73622    | 74201    | 74125    | 0.63   | cps   |
| Strontium  | 86-1  | 83427    | 82957    | 83115    | 83166    | 0.29   | cps   |
| Strontium  | 88-1  | 659525   | 653141   | 666940   | 659868   | 1.05   | cps   |
| Sulfur     | 34-1  | 1132352  | 1130637  | 1119948  | 1127645  | 0.60   | cps   |
| Terbium    | 159-1 | 16712434 | 16496971 | 16426880 | 16545428 | 0.90   | cps   |
| Terbium    | 159-2 | 8086273  | 7999321  | 7890611  | 7992068  | 1.23   | cps   |
| Thallium   | 203-1 | 143863   | 141999   | 144536   | 143466   | 0.92   | cps   |
| Thallium   | 205-1 | 347849   | 343603   | 347253   | 346235   | 0.66   | cps   |
| Tin        | 118-1 | 85627    | 85586    | 85886    | 85700    | 0.19   | cps   |
| Titanium   | 47-1  | 122472   | 121969   | 119886   | 121442   | 1.13   | cps   |
| Uranium    | 238-1 | 47295    | 47454    | 46785    | 47178    | 0.74   | cps   |
| Vanadium   | 51-2  | 512996   | 505543   | 507130   | 508556   | 0.77   | cps   |
| Yttrium    | 89-1  | 13838814 | 13742532 | 13978427 | 13853258 | 0.86   | cps   |
| Yttrium    | 89-2  | 1905226  | 1888345  | 1901688  | 1898420  | 0.47   | cps   |
| Zinc       | 66-2  | 303495   | 297340   | 296048   | 298961   | 1.33   | cps   |
| Zirconium  | 90-1  | 36982    | 37876    | 38470    | 37776    | 1.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:41:34 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8203 | 8370 | 8445 | 8339    | 1.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8519     | 8211     | 8594     | 8442     | 2.41   | cps   |
| Antimony   | 121-1 | 3734     | 4268     | 4351     | 4117     | 8.13   | cps   |
| Arsenic    | 75-2  | 187      | 180      | 189      | 185      | 2.65   | cps   |
| Barium     | 135-1 | 18488    | 19832    | 19765    | 19362    | 3.91   | cps   |
| Barium     | 137-1 | 33167    | 32840    | 34193    | 33400    | 2.11   | cps   |
| Beryllium  | 9-1   | 528      | 356      | 556      | 480      | 22.59  | cps   |
| Bismuth    | 209-1 | 10358904 | 10218157 | 10479329 | 10352130 | 1.26   | cps   |
| Bismuth    | 209-2 | 6133602  | 6130503  | 6182616  | 6148907  | 0.48   | cps   |
| Boron      | 10-1  | 442      | 492      | 550      | 494      | 10.97  | cps   |
| Boron      | 11-1  | 2200     | 2517     | 2292     | 2336     | 6.98   | cps   |
| Cadmium    | 111-1 | 3783     | 3779     | 4090     | 3884     | 4.60   | cps   |
| Cadmium    | 106-1 | 4876     | 4909     | 5210     | 4998     | 3.68   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 33       | 33       | 12.50  | cps   |
| Calcium    | 43-1  | 1775     | 1642     | 1967     | 1795     | 9.10   | cps   |
| Calcium    | 44-1  | 45078    | 45237    | 45864    | 45393    | 0.92   | cps   |
| Chromium   | 52-2  | 5134     | 5291     | 5208     | 5211     | 1.50   | cps   |
| Cobalt     | 59-2  | 9660     | 9430     | 9290     | 9460     | 1.98   | cps   |
| Copper     | 63-2  | 12963    | 13209    | 12943    | 13038    | 1.14   | cps   |
| Dysprosium | 156-1 | 425      | 425      | 392      | 414      | 4.65   | cps   |
| Dysprosium | 156-2 | 200      | 213      | 203      | 206      | 3.37   | cps   |
| Erbium     | 164-1 | 367      | 350      | 408      | 375      | 8.01   | cps   |
| Erbium     | 164-2 | 187      | 167      | 173      | 176      | 5.80   | cps   |
| Gadolinium | 160-1 | 500      | 467      | 417      | 461      | 9.10   | cps   |
| Gadolinium | 160-2 | 293      | 203      | 290      | 262      | 19.46  | cps   |
| Holmium    | 165-1 | 15363118 | 15252648 | 15498121 | 15371295 | 0.80   | cps   |
| Holmium    | 165-2 | 7897142  | 7895037  | 7935313  | 7909164  | 0.29   | cps   |
| Indium     | 115-1 | 12772277 | 12792837 | 12756599 | 12773905 | 0.14   | cps   |
| Indium     | 115-2 | 2395608  | 2396003  | 2402649  | 2398087  | 0.16   | cps   |
| Iron       | 56-2  | 2071355  | 2068949  | 2071933  | 2070745  | 0.08   | cps   |
| Iron       | 57-2  | 50766    | 50158    | 51234    | 50720    | 1.06   | cps   |
| Lead       | 206-1 | 6153736  | 6062277  | 6097381  | 6104464  | 0.76   | cps   |
| Lead       | 207-1 | 5221741  | 5152564  | 5244079  | 5206128  | 0.92   | cps   |
| Lead       | 208-1 | 24592976 | 24220880 | 24597930 | 24470595 | 0.88   | cps   |
| Lithium    | 6-1   | 2528152  | 2525789  | 2519854  | 2524598  | 0.17   | cps   |
| Magnesium  | 24-2  | 3867     | 4084     | 3526     | 3826     | 7.36   | cps   |
| Manganese  | 55-2  | 28454    | 28060    | 28772    | 28429    | 1.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 700      | 692      | 633      | 675      | 5.38    | cps   |
| Molybdenum | 95-1  | 325      | 483      | 525      | 444      | 23.74   | cps   |
| Molybdenum | 96-1  | 475      | 550      | 717      | 581      | 21.31   | cps   |
| Molybdenum | 97-1  | 200      | 258      | 300      | 253      | 19.87   | cps   |
| Molybdenum | 98-1  | 592      | 667      | 817      | 692      | 16.56   | cps   |
| Neodymium  | 150-1 | 647      | 613      | 633      | 631      | 2.66    | cps   |
| Neodymium  | 150-2 | 223      | 253      | 223      | 233      | 7.42    | cps   |
| Nickel     | 60-2  | 3267     | 3397     | 3024     | 3229     | 5.87    | cps   |
| Phosphorus | 31-2  | 492      | 533      | 550      | 525      | 5.72    | cps   |
| Potassium  | 39-2  | 55664    | 55095    | 56115    | 55624    | 0.92    | cps   |
| Rhodium    | 103-1 | 12172785 | 12043250 | 12219643 | 12145226 | 0.75    | cps   |
| Rhodium    | 103-2 | 5780595  | 5781808  | 5752349  | 5771584  | 0.29    | cps   |
| Scandium   | 45-1  | 8458207  | 8408362  | 8525022  | 8463864  | 0.69    | cps   |
| Scandium   | 45-2  | 367978   | 371009   | 372679   | 370556   | 0.64    | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60  | cps   |
| Selenium   | 78-2  | 120      | 98       | 144      | 121      | 19.14   | cps   |
| Selenium   | 82-1  | -218     | -13      | 61       | -57      | -254.72 | cps   |
| Silicon    | 28-1  | 684328   | 686845   | 683026   | 684733   | 0.28    | cps   |
| Silver     | 109-1 | 2442     | 2575     | 2400     | 2473     | 3.70    | cps   |
| Silver     | 107-1 | 2534     | 2609     | 2592     | 2578     | 1.53    | cps   |
| Sodium     | 23-2  | 25706    | 25414    | 25648    | 25589    | 0.60    | cps   |
| Strontium  | 86-1  | 8028     | 7227     | 7452     | 7569     | 5.45    | cps   |
| Strontium  | 88-1  | 7861     | 7636     | 7494     | 7664     | 2.41    | cps   |
| Sulfur     | 34-1  | 854621   | 856326   | 844324   | 851757   | 0.76    | cps   |
| Terbium    | 159-1 | 15824298 | 15891023 | 16066531 | 15927284 | 0.79    | cps   |
| Terbium    | 159-2 | 7930935  | 7997666  | 7968042  | 7965548  | 0.42    | cps   |
| Thallium   | 203-1 | 1667     | 1634     | 1625     | 1642     | 1.34    | cps   |
| Thallium   | 205-1 | 3784     | 4059     | 4126     | 3990     | 4.54    | cps   |
| Tin        | 118-1 | 1542     | 1609     | 1508     | 1553     | 3.28    | cps   |
| Titanium   | 47-1  | 1458     | 1458     | 1517     | 1478     | 2.28    | cps   |
| Uranium    | 238-1 | 508      | 525      | 575      | 536      | 6.47    | cps   |
| Vanadium   | 51-2  | 5301     | 5278     | 5141     | 5240     | 1.65    | cps   |
| Yttrium    | 89-1  | 13019294 | 13067591 | 13081166 | 13056017 | 0.25    | cps   |
| Yttrium    | 89-2  | 1856756  | 1858171  | 1878894  | 1864607  | 0.66    | cps   |
| Zinc       | 66-2  | 3400     | 3587     | 3434     | 3474     | 2.87    | cps   |
| Zirconium  | 90-1  | 1225     | 1242     | 1275     | 1247     | 2.04    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2690-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4C42S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:45:10 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 258  | 250  | 242     | 9.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 855789     | 853953     | 848253     | 852665     | 0.46   | cps   |
| Antimony   | 121-1 | 20282      | 19548      | 19865      | 19898      | 1.85   | cps   |
| Arsenic    | 75-2  | 5247       | 5381       | 5181       | 5270       | 1.93   | cps   |
| Barium     | 135-1 | 396268     | 387791     | 385864     | 389975     | 1.42   | cps   |
| Barium     | 137-1 | 673515     | 668151     | 671573     | 671079     | 0.40   | cps   |
| Beryllium  | 9-1   | 2134       | 1861       | 1872       | 1956       | 7.88   | cps   |
| Bismuth    | 209-1 | 10766426   | 10738731   | 10713762   | 10739640   | 0.25   | cps   |
| Bismuth    | 209-2 | 6136975    | 6149437    | 6060804    | 6115739    | 0.78   | cps   |
| Boron      | 10-1  | 1892       | 1867       | 2059       | 1939       | 5.37   | cps   |
| Boron      | 11-1  | 8911       | 8995       | 9328       | 9078       | 2.43   | cps   |
| Cadmium    | 111-1 | 7220       | 6698       | 7144       | 7021       | 4.02   | cps   |
| Cadmium    | 106-1 | 5668       | 5059       | 5902       | 5543       | 7.84   | cps   |
| Cadmium    | 108-1 | 271        | 242        | 304        | 272        | 11.49  | cps   |
| Calcium    | 43-1  | 187541     | 190040     | 187644     | 188408     | 0.75   | cps   |
| Calcium    | 44-1  | 3062004    | 3096620    | 3053402    | 3070675    | 0.75   | cps   |
| Chromium   | 52-2  | 146620     | 146926     | 146627     | 146724     | 0.12   | cps   |
| Cobalt     | 59-2  | 63865      | 63959      | 64277      | 64033      | 0.34   | cps   |
| Copper     | 63-2  | 1031304    | 1030211    | 1032546    | 1031354    | 0.11   | cps   |
| Dysprosium | 156-1 | 31345      | 30209      | 28706      | 30087      | 4.40   | cps   |
| Dysprosium | 156-2 | 13303      | 13410      | 13203      | 13305      | 0.78   | cps   |
| Erbium     | 164-1 | 21777      | 21125      | 21451      | 21451      | 1.52   | cps   |
| Erbium     | 164-2 | 10788      | 10734      | 10648      | 10723      | 0.66   | cps   |
| Gadolinium | 160-1 | 26176      | 25959      | 25441      | 25859      | 1.46   | cps   |
| Gadolinium | 160-2 | 14454      | 14244      | 14631      | 14443      | 1.34   | cps   |
| Holmium    | 165-1 | 15581881   | 15733245   | 15851534   | 15722220   | 0.86   | cps   |
| Holmium    | 165-2 | 8040474    | 7993914    | 7901467    | 7978618    | 0.89   | cps   |
| Indium     | 115-1 | 13174992   | 12997062   | 12992472   | 13054842   | 0.80   | cps   |
| Indium     | 115-2 | 2368002    | 2359830    | 2354701    | 2360844    | 0.28   | cps   |
| Iron       | 56-2  | 295531662  | 295124640  | 289248606  | 293301636  | 1.20   | cps   |
| Iron       | 57-2  | 7332532    | 7268838    | 7163386    | 7254919    | 1.18   | cps   |
| Lead       | 206-1 | 302288929  | 306168562  | 303222573  | 303893355  | 0.67   | cps   |
| Lead       | 207-1 | 261255167  | 257808489  | 262210889  | 260424848  | 0.89   | cps   |
| Lead       | 208-1 | 1192161732 | 1185977088 | 1193174988 | 1190437936 | 0.33   | cps   |
| Lithium    | 6-1   | 2621287    | 2608690    | 2658458    | 2629479    | 0.98   | cps   |
| Magnesium  | 24-2  | 457648     | 459670     | 458316     | 458545     | 0.22   | cps   |
| Manganese  | 55-2  | 1077087    | 1084947    | 1071549    | 1077861    | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 18805    | 19464    | 19055    | 19108    | 1.74   | cps   |
| Molybdenum | 95-1  | 11613    | 12064    | 11655    | 11778    | 2.11   | cps   |
| Molybdenum | 96-1  | 16068    | 16251    | 15976    | 16099    | 0.87   | cps   |
| Molybdenum | 97-1  | 7802     | 7744     | 7853     | 7800     | 0.70   | cps   |
| Molybdenum | 98-1  | 19113    | 19055    | 18738    | 18969    | 1.07   | cps   |
| Neodymium  | 150-1 | 44887    | 45850    | 45168    | 45302    | 1.09   | cps   |
| Neodymium  | 150-2 | 17611    | 17838    | 17858    | 17769    | 0.77   | cps   |
| Nickel     | 60-2  | 56231    | 57676    | 56636    | 56848    | 1.31   | cps   |
| Phosphorus | 31-2  | 4951     | 5451     | 5001     | 5134     | 5.37   | cps   |
| Potassium  | 39-2  | 370340   | 371353   | 371453   | 371048   | 0.17   | cps   |
| Rhodium    | 103-1 | 12226698 | 12281883 | 12454796 | 12321126 | 0.97   | cps   |
| Rhodium    | 103-2 | 5701184  | 5703740  | 5636143  | 5680355  | 0.67   | cps   |
| Scandium   | 45-1  | 8634349  | 8793874  | 8684463  | 8704229  | 0.94   | cps   |
| Scandium   | 45-2  | 368693   | 370700   | 365536   | 368310   | 0.71   | cps   |
| Selenium   | 77-2  | 63       | 50       | 70       | 61       | 16.66  | cps   |
| Selenium   | 78-2  | 194      | 169      | 181      | 181      | 7.14   | cps   |
| Selenium   | 82-1  | 223      | 130      | 225      | 193      | 27.95  | cps   |
| Silicon    | 28-1  | 37159277 | 36969017 | 36911807 | 37013367 | 0.35   | cps   |
| Silver     | 109-1 | 6593     | 6869     | 7327     | 6930     | 5.35   | cps   |
| Silver     | 107-1 | 6877     | 7302     | 7477     | 7219     | 4.28   | cps   |
| Sodium     | 23-2  | 332381   | 333484   | 330630   | 332165   | 0.43   | cps   |
| Strontium  | 86-1  | 105545   | 106822   | 106293   | 106220   | 0.60   | cps   |
| Strontium  | 88-1  | 865233   | 872152   | 864961   | 867449   | 0.47   | cps   |
| Sulfur     | 34-1  | 1035419  | 1027466  | 1029165  | 1030683  | 0.41   | cps   |
| Terbium    | 159-1 | 16551042 | 16362385 | 16363736 | 16425721 | 0.66   | cps   |
| Terbium    | 159-2 | 7912860  | 7964565  | 7860622  | 7912682  | 0.66   | cps   |
| Thallium   | 203-1 | 1325     | 1183     | 1275     | 1261     | 5.70   | cps   |
| Thallium   | 205-1 | 3459     | 3476     | 3167     | 3367     | 5.15   | cps   |
| Tin        | 118-1 | 106686   | 104000   | 106779   | 105821   | 1.49   | cps   |
| Titanium   | 47-1  | 204916   | 200519   | 198697   | 201377   | 1.59   | cps   |
| Uranium    | 238-1 | 29960    | 29802    | 31004    | 30255    | 2.16   | cps   |
| Vanadium   | 51-2  | 155933   | 156031   | 155014   | 155659   | 0.36   | cps   |
| Yttrium    | 89-1  | 13816325 | 13657142 | 13635300 | 13702923 | 0.72   | cps   |
| Yttrium    | 89-2  | 1882499  | 1867447  | 1856468  | 1868804  | 0.70   | cps   |
| Zinc       | 66-2  | 188414   | 189032   | 187672   | 188373   | 0.36   | cps   |
| Zirconium  | 90-1  | 34276    | 33482    | 33933    | 33897    | 1.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:48:39 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7652 | 7694 | 7669 | 7672    | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8511     | 8953     | 8428     | 8631     | 3.27   | cps   |
| Antimony   | 121-1 | 867      | 842      | 950      | 886      | 6.40   | cps   |
| Arsenic    | 75-2  | 81       | 74       | 72       | 76       | 6.45   | cps   |
| Barium     | 135-1 | 4359     | 3884     | 3817     | 4020     | 7.35   | cps   |
| Barium     | 137-1 | 6652     | 6977     | 6802     | 6810     | 2.39   | cps   |
| Beryllium  | 9-1   | 67       | 89       | 100      | 85       | 19.92  | cps   |
| Bismuth    | 209-1 | 10146385 | 10181790 | 10382994 | 10237057 | 1.25   | cps   |
| Bismuth    | 209-2 | 6068680  | 6131302  | 6121309  | 6107097  | 0.55   | cps   |
| Boron      | 10-1  | 483      | 475      | 533      | 497      | 6.34   | cps   |
| Boron      | 11-1  | 2342     | 2425     | 2542     | 2436     | 4.12   | cps   |
| Cadmium    | 111-1 | 3412     | 3301     | 3505     | 3406     | 3.00   | cps   |
| Cadmium    | 106-1 | 4826     | 4659     | 4968     | 4818     | 3.20   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 38       | 29       | 28.58  | cps   |
| Calcium    | 43-1  | 2559     | 2684     | 2500     | 2581     | 3.63   | cps   |
| Calcium    | 44-1  | 57831    | 55338    | 56048    | 56406    | 2.28   | cps   |
| Chromium   | 52-2  | 2834     | 2820     | 2900     | 2851     | 1.50   | cps   |
| Cobalt     | 59-2  | 820      | 910      | 657      | 796      | 16.14  | cps   |
| Copper     | 63-2  | 15332    | 14951    | 15215    | 15166    | 1.29   | cps   |
| Dysprosium | 156-1 | 358      | 317      | 325      | 333      | 6.61   | cps   |
| Dysprosium | 156-2 | 150      | 117      | 130      | 132      | 12.69  | cps   |
| Erbium     | 164-1 | 308      | 208      | 217      | 244      | 22.70  | cps   |
| Erbium     | 164-2 | 103      | 140      | 143      | 129      | 17.22  | cps   |
| Gadolinium | 160-1 | 333      | 367      | 342      | 347      | 5.00   | cps   |
| Gadolinium | 160-2 | 223      | 177      | 240      | 213      | 15.39  | cps   |
| Holmium    | 165-1 | 15142373 | 15384549 | 14925614 | 15150845 | 1.52   | cps   |
| Holmium    | 165-2 | 7924365  | 7919470  | 7841586  | 7895140  | 0.59   | cps   |
| Indium     | 115-1 | 12764276 | 12748816 | 12788854 | 12767315 | 0.16   | cps   |
| Indium     | 115-2 | 2365177  | 2388999  | 2392177  | 2382118  | 0.62   | cps   |
| Iron       | 56-2  | 2793601  | 2825463  | 2802278  | 2807114  | 0.59   | cps   |
| Iron       | 57-2  | 69408    | 69514    | 69860    | 69594    | 0.34   | cps   |
| Lead       | 206-1 | 2883021  | 2873645  | 2845383  | 2867350  | 0.68   | cps   |
| Lead       | 207-1 | 2415967  | 2402759  | 2411568  | 2410098  | 0.28   | cps   |
| Lead       | 208-1 | 11259693 | 11226147 | 11179472 | 11221771 | 0.36   | cps   |
| Lithium    | 6-1   | 2504673  | 2511092  | 2504433  | 2506733  | 0.15   | cps   |
| Magnesium  | 24-2  | 4943     | 4918     | 4626     | 4829     | 3.65   | cps   |
| Manganese  | 55-2  | 10614    | 10968    | 11094    | 10892    | 2.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 508      | 558      | 650      | 572      | 12.55   | cps   |
| Molybdenum | 95-1  | 358      | 325      | 467      | 383      | 19.32   | cps   |
| Molybdenum | 96-1  | 492      | 425      | 583      | 500      | 15.90   | cps   |
| Molybdenum | 97-1  | 167      | 250      | 308      | 242      | 29.46   | cps   |
| Molybdenum | 98-1  | 500      | 683      | 808      | 664      | 23.36   | cps   |
| Neodymium  | 150-1 | 373      | 400      | 420      | 398      | 5.89    | cps   |
| Neodymium  | 150-2 | 193      | 173      | 107      | 158      | 28.76   | cps   |
| Nickel     | 60-2  | 923      | 893      | 743      | 853      | 11.30   | cps   |
| Phosphorus | 31-2  | 583      | 492      | 483      | 519      | 10.68   | cps   |
| Potassium  | 39-2  | 56024    | 56341    | 54827    | 55731    | 1.43    | cps   |
| Rhodium    | 103-1 | 12041746 | 11997411 | 11886811 | 11975323 | 0.67    | cps   |
| Rhodium    | 103-2 | 5679220  | 5714600  | 5730653  | 5708157  | 0.46    | cps   |
| Scandium   | 45-1  | 8218604  | 8411075  | 8272012  | 8300563  | 1.20    | cps   |
| Scandium   | 45-2  | 365293   | 366657   | 365382   | 365777   | 0.21    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 107      | 81       | 135      | 108      | 24.86   | cps   |
| Selenium   | 82-1  | -285     | 69       | -269     | -162     | -123.68 | cps   |
| Silicon    | 28-1  | 987472   | 988127   | 993122   | 989573   | 0.31    | cps   |
| Silver     | 109-1 | 717      | 792      | 833      | 781      | 7.58    | cps   |
| Silver     | 107-1 | 1033     | 833      | 717      | 861      | 18.60   | cps   |
| Sodium     | 23-2  | 26825    | 26833    | 28269    | 27309    | 3.04    | cps   |
| Strontium  | 86-1  | 7727     | 8486     | 7836     | 8016     | 5.12    | cps   |
| Strontium  | 88-1  | 9504     | 9270     | 9012     | 9262     | 2.66    | cps   |
| Sulfur     | 34-1  | 817544   | 819409   | 822824   | 819926   | 0.33    | cps   |
| Terbium    | 159-1 | 15858071 | 15761795 | 16082866 | 15900911 | 1.04    | cps   |
| Terbium    | 159-2 | 7880683  | 7989586  | 7919484  | 7929918  | 0.70    | cps   |
| Thallium   | 203-1 | 142      | 142      | 142      | 142      | 0.00    | cps   |
| Thallium   | 205-1 | 350      | 308      | 367      | 342      | 8.79    | cps   |
| Tin        | 118-1 | 1592     | 1608     | 1759     | 1653     | 5.56    | cps   |
| Titanium   | 47-1  | 2000     | 2259     | 2317     | 2192     | 7.69    | cps   |
| Uranium    | 238-1 | 350      | 342      | 367      | 353      | 3.61    | cps   |
| Vanadium   | 51-2  | 1537     | 1533     | 1660     | 1577     | 4.58    | cps   |
| Yttrium    | 89-1  | 13156948 | 12999204 | 12965139 | 13040430 | 0.78    | cps   |
| Yttrium    | 89-2  | 1836102  | 1855680  | 1854927  | 1848903  | 0.60    | cps   |
| Zinc       | 66-2  | 2327     | 2397     | 2437     | 2387     | 2.33    | cps   |
| Zirconium  | 90-1  | 1233     | 1150     | 1117     | 1167     | 5.15    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27              | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:52:15 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 200  | 233  | 228     | 11.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 852335     | 855905     | 843615     | 850618     | 0.74   | cps   |
| Antimony   | 121-1 | 33583      | 32380      | 32931      | 32965      | 1.83   | cps   |
| Arsenic    | 75-2  | 6731       | 6831       | 6805       | 6789       | 0.76   | cps   |
| Barium     | 135-1 | 364847     | 361133     | 354595     | 360192     | 1.44   | cps   |
| Barium     | 137-1 | 620732     | 623947     | 614661     | 619780     | 0.76   | cps   |
| Beryllium  | 9-1   | 1900       | 1733       | 1972       | 1869       | 6.56   | cps   |
| Bismuth    | 209-1 | 10453692   | 10708038   | 10609061   | 10590264   | 1.21   | cps   |
| Bismuth    | 209-2 | 6073573    | 6129269    | 6048654    | 6083832    | 0.68   | cps   |
| Boron      | 10-1  | 1675       | 1950       | 1884       | 1836       | 7.81   | cps   |
| Boron      | 11-1  | 8461       | 8261       | 8036       | 8253       | 2.58   | cps   |
| Cadmium    | 111-1 | 6783       | 7040       | 7082       | 6968       | 2.33   | cps   |
| Cadmium    | 106-1 | 5235       | 5301       | 5251       | 5262       | 0.66   | cps   |
| Cadmium    | 108-1 | 379        | 358        | 283        | 340        | 14.81  | cps   |
| Calcium    | 43-1  | 198550     | 198557     | 197849     | 198319     | 0.21   | cps   |
| Calcium    | 44-1  | 3249601    | 3213592    | 3182534    | 3215242    | 1.04   | cps   |
| Chromium   | 52-2  | 156026     | 154638     | 152873     | 154512     | 1.02   | cps   |
| Cobalt     | 59-2  | 66641      | 67407      | 66553      | 66867      | 0.70   | cps   |
| Copper     | 63-2  | 1091928    | 1093041    | 1094165    | 1093045    | 0.10   | cps   |
| Dysprosium | 156-1 | 31253      | 31738      | 31571      | 31521      | 0.78   | cps   |
| Dysprosium | 156-2 | 13877      | 13597      | 13944      | 13806      | 1.33   | cps   |
| Erbium     | 164-1 | 22453      | 23121      | 22745      | 22773      | 1.47   | cps   |
| Erbium     | 164-2 | 10968      | 11525      | 11325      | 11273      | 2.50   | cps   |
| Gadolinium | 160-1 | 27353      | 26560      | 26393      | 26769      | 1.92   | cps   |
| Gadolinium | 160-2 | 15472      | 15382      | 15038      | 15298      | 1.50   | cps   |
| Holmium    | 165-1 | 15030587   | 15517321   | 15631122   | 15393010   | 2.07   | cps   |
| Holmium    | 165-2 | 7949460    | 7987506    | 7834766    | 7923910    | 1.00   | cps   |
| Indium     | 115-1 | 12744914   | 13038366   | 13000792   | 12928024   | 1.24   | cps   |
| Indium     | 115-2 | 2351700    | 2366755    | 2341997    | 2353484    | 0.53   | cps   |
| Iron       | 56-2  | 311273985  | 310979407  | 308262440  | 310171944  | 0.54   | cps   |
| Iron       | 57-2  | 7709664    | 7648241    | 7660137    | 7672681    | 0.42   | cps   |
| Lead       | 206-1 | 314279796  | 318184885  | 317169052  | 316544577  | 0.64   | cps   |
| Lead       | 207-1 | 271898006  | 271479123  | 273021256  | 272132795  | 0.29   | cps   |
| Lead       | 208-1 | 1236858372 | 1245395178 | 1242436144 | 1241563231 | 0.35   | cps   |
| Lithium    | 6-1   | 2550012    | 2600900    | 2599408    | 2583440    | 1.12   | cps   |
| Magnesium  | 24-2  | 460336     | 465129     | 461375     | 462280     | 0.55   | cps   |
| Manganese  | 55-2  | 1139470    | 1142959    | 1126708    | 1136379    | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 21943    | 21534    | 22477    | 21984    | 2.15   | cps   |
| Molybdenum | 95-1  | 19781    | 18221    | 18404    | 18802    | 4.54   | cps   |
| Molybdenum | 96-1  | 22727    | 23094    | 23095    | 22972    | 0.92   | cps   |
| Molybdenum | 97-1  | 10513    | 11405    | 11422    | 11113    | 4.68   | cps   |
| Molybdenum | 98-1  | 29089    | 30049    | 29147    | 29429    | 1.83   | cps   |
| Neodymium  | 150-1 | 47296    | 46559    | 46077    | 46644    | 1.32   | cps   |
| Neodymium  | 150-2 | 18376    | 19063    | 18529    | 18656    | 1.93   | cps   |
| Nickel     | 60-2  | 59008    | 59886    | 59333    | 59409    | 0.75   | cps   |
| Phosphorus | 31-2  | 5726     | 5601     | 5935     | 5754     | 2.93   | cps   |
| Potassium  | 39-2  | 366427   | 367855   | 365075   | 366452   | 0.38   | cps   |
| Rhodium    | 103-1 | 11738772 | 12362036 | 12135158 | 12078655 | 2.61   | cps   |
| Rhodium    | 103-2 | 5889524  | 5687543  | 5620549  | 5732539  | 2.44   | cps   |
| Scandium   | 45-1  | 8424011  | 8557857  | 8655819  | 8545896  | 1.36   | cps   |
| Scandium   | 45-2  | 365570   | 369397   | 367183   | 367383   | 0.52   | cps   |
| Selenium   | 77-2  | 70       | 80       | 53       | 68       | 19.88  | cps   |
| Selenium   | 78-2  | 187      | 180      | 183      | 183      | 2.02   | cps   |
| Selenium   | 82-1  | 17       | 328      | 225      | 190      | 83.47  | cps   |
| Silicon    | 28-1  | 13978778 | 14100630 | 14042177 | 14040528 | 0.43   | cps   |
| Silver     | 109-1 | 6985     | 7702     | 7402     | 7363     | 4.89   | cps   |
| Silver     | 107-1 | 7477     | 7361     | 8069     | 7636     | 4.98   | cps   |
| Sodium     | 23-2  | 321867   | 327792   | 325913   | 325190   | 0.93   | cps   |
| Strontium  | 86-1  | 111204   | 113264   | 107038   | 110502   | 2.87   | cps   |
| Strontium  | 88-1  | 897979   | 893070   | 885574   | 892208   | 0.70   | cps   |
| Sulfur     | 34-1  | 1035284  | 1042464  | 1042504  | 1040084  | 0.40   | cps   |
| Terbium    | 159-1 | 15875059 | 16324998 | 16477991 | 16226016 | 1.93   | cps   |
| Terbium    | 159-2 | 7935916  | 7959218  | 7865508  | 7920214  | 0.62   | cps   |
| Thallium   | 203-1 | 1592     | 1692     | 1700     | 1661     | 3.63   | cps   |
| Thallium   | 205-1 | 3942     | 3959     | 4076     | 3992     | 1.82   | cps   |
| Tin        | 118-1 | 134842   | 134978   | 133992   | 134604   | 0.40   | cps   |
| Titanium   | 47-1  | 230408   | 229449   | 229936   | 229931   | 0.21   | cps   |
| Uranium    | 238-1 | 31406    | 31798    | 32216    | 31807    | 1.27   | cps   |
| Vanadium   | 51-2  | 163976   | 164009   | 161128   | 163038   | 1.01   | cps   |
| Yttrium    | 89-1  | 13297531 | 13694891 | 13574250 | 13522224 | 1.51   | cps   |
| Yttrium    | 89-2  | 1874044  | 1885215  | 1859187  | 1872815  | 0.70   | cps   |
| Zinc       | 66-2  | 196142   | 195659   | 195310   | 195704   | 0.21   | cps   |
| Zirconium  | 90-1  | 32037    | 32312    | 30876    | 31742    | 2.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 14:55:47 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7352 | 7144 | 7027 | 7174    | 2.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8436     | 8603     | 8870     | 8636     | 2.53   | cps   |
| Antimony   | 121-1 | 958      | 950      | 875      | 928      | 4.95   | cps   |
| Arsenic    | 75-2  | 106      | 104      | 111      | 107      | 3.61   | cps   |
| Barium     | 135-1 | 3459     | 3642     | 4034     | 3712     | 7.92   | cps   |
| Barium     | 137-1 | 6243     | 6252     | 6060     | 6185     | 1.75   | cps   |
| Beryllium  | 9-1   | 67       | 100      | 122      | 96       | 29.04  | cps   |
| Bismuth    | 209-1 | 10158087 | 10053219 | 10072281 | 10094529 | 0.55   | cps   |
| Bismuth    | 209-2 | 6034637  | 6097545  | 6095877  | 6076020  | 0.59   | cps   |
| Boron      | 10-1  | 450      | 342      | 383      | 392      | 13.95  | cps   |
| Boron      | 11-1  | 1859     | 2042     | 2125     | 2009     | 6.79   | cps   |
| Cadmium    | 111-1 | 3336     | 3410     | 3642     | 3463     | 4.60   | cps   |
| Cadmium    | 106-1 | 4701     | 4801     | 5168     | 4890     | 5.03   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 25       | 17       | 43.30  | cps   |
| Calcium    | 43-1  | 4009     | 3917     | 3901     | 3942     | 1.48   | cps   |
| Calcium    | 44-1  | 80931    | 81450    | 80520    | 80967    | 0.58   | cps   |
| Chromium   | 52-2  | 2947     | 2900     | 3034     | 2960     | 2.29   | cps   |
| Cobalt     | 59-2  | 867      | 753      | 777      | 799      | 7.49   | cps   |
| Copper     | 63-2  | 16036    | 15969    | 15312    | 15772    | 2.54   | cps   |
| Dysprosium | 156-1 | 267      | 358      | 267      | 297      | 17.81  | cps   |
| Dysprosium | 156-2 | 180      | 147      | 170      | 166      | 10.33  | cps   |
| Erbium     | 164-1 | 283      | 242      | 217      | 247      | 13.62  | cps   |
| Erbium     | 164-2 | 103      | 113      | 120      | 112      | 7.47   | cps   |
| Gadolinium | 160-1 | 425      | 383      | 325      | 378      | 13.30  | cps   |
| Gadolinium | 160-2 | 160      | 237      | 207      | 201      | 19.21  | cps   |
| Holmium    | 165-1 | 14975725 | 14990116 | 14962021 | 14975954 | 0.09   | cps   |
| Holmium    | 165-2 | 7870814  | 7780418  | 7829637  | 7826957  | 0.58   | cps   |
| Indium     | 115-1 | 12527174 | 12583820 | 12412051 | 12507682 | 0.70   | cps   |
| Indium     | 115-2 | 2352548  | 2381363  | 2381424  | 2371778  | 0.70   | cps   |
| Iron       | 56-2  | 3025406  | 3051256  | 3041867  | 3039510  | 0.43   | cps   |
| Iron       | 57-2  | 75672    | 76046    | 74332    | 75350    | 1.20   | cps   |
| Lead       | 206-1 | 3073094  | 3052612  | 3030026  | 3051911  | 0.71   | cps   |
| Lead       | 207-1 | 2591719  | 2588643  | 2553535  | 2577966  | 0.82   | cps   |
| Lead       | 208-1 | 12052829 | 11968381 | 11894404 | 11971871 | 0.66   | cps   |
| Lithium    | 6-1   | 2451729  | 2450933  | 2468381  | 2457015  | 0.40   | cps   |
| Magnesium  | 24-2  | 4651     | 5159     | 4668     | 4826     | 5.99   | cps   |
| Manganese  | 55-2  | 11702    | 11838    | 11668    | 11736    | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 525      | 533      | 758      | 606      | 21.86   | cps   |
| Molybdenum | 95-1  | 292      | 533      | 600      | 475      | 34.16   | cps   |
| Molybdenum | 96-1  | 417      | 467      | 750      | 544      | 33.02   | cps   |
| Molybdenum | 97-1  | 217      | 217      | 300      | 244      | 19.68   | cps   |
| Molybdenum | 98-1  | 542      | 658      | 775      | 658      | 17.72   | cps   |
| Neodymium  | 150-1 | 587      | 513      | 593      | 564      | 7.86    | cps   |
| Neodymium  | 150-2 | 193      | 190      | 200      | 194      | 2.62    | cps   |
| Nickel     | 60-2  | 903      | 820      | 1060     | 928      | 13.13   | cps   |
| Phosphorus | 31-2  | 525      | 567      | 533      | 542      | 4.07    | cps   |
| Potassium  | 39-2  | 56551    | 53422    | 56709    | 55561    | 3.34    | cps   |
| Rhodium    | 103-1 | 11814636 | 11883730 | 12016030 | 11904799 | 0.86    | cps   |
| Rhodium    | 103-2 | 5692577  | 5703387  | 5659012  | 5684992  | 0.41    | cps   |
| Scandium   | 45-1  | 8233548  | 8321076  | 8326545  | 8293723  | 0.63    | cps   |
| Scandium   | 45-2  | 365527   | 369528   | 367786   | 367614   | 0.55    | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 157      | 111      | 100      | 123      | 24.79   | cps   |
| Selenium   | 82-1  | 27       | -275     | -200     | -150     | -105.23 | cps   |
| Silicon    | 28-1  | 719322   | 720737   | 716830   | 718963   | 0.28    | cps   |
| Silver     | 109-1 | 783      | 725      | 633      | 714      | 10.59   | cps   |
| Silver     | 107-1 | 917      | 858      | 883      | 886      | 3.30    | cps   |
| Sodium     | 23-2  | 27827    | 27067    | 27467    | 27454    | 1.38    | cps   |
| Strontium  | 86-1  | 7719     | 7661     | 8044     | 7808     | 2.65    | cps   |
| Strontium  | 88-1  | 10162    | 10338    | 10604    | 10368    | 2.15    | cps   |
| Sulfur     | 34-1  | 841455   | 832506   | 834065   | 836009   | 0.57    | cps   |
| Terbium    | 159-1 | 15623786 | 15652538 | 15470208 | 15582177 | 0.63    | cps   |
| Terbium    | 159-2 | 7900765  | 7870700  | 7842643  | 7871369  | 0.37    | cps   |
| Thallium   | 203-1 | 125      | 158      | 133      | 139      | 12.49   | cps   |
| Thallium   | 205-1 | 300      | 350      | 333      | 328      | 7.77    | cps   |
| Tin        | 118-1 | 1850     | 1892     | 1759     | 1834     | 3.72    | cps   |
| Titanium   | 47-1  | 2667     | 2475     | 2467     | 2536     | 4.46    | cps   |
| Uranium    | 238-1 | 408      | 450      | 408      | 422      | 5.70    | cps   |
| Vanadium   | 51-2  | 1617     | 1727     | 1563     | 1636     | 5.09    | cps   |
| Yttrium    | 89-1  | 12898270 | 12909779 | 12878926 | 12895658 | 0.12    | cps   |
| Yttrium    | 89-2  | 1853540  | 1849097  | 1846205  | 1849614  | 0.20    | cps   |
| Zinc       | 66-2  | 2794     | 2634     | 2754     | 2727     | 3.05    | cps   |
| Zirconium  | 90-1  | 1033     | 1108     | 1058     | 1067     | 3.58    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-02DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27D             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 14:59:23 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 200  | 217  | 242     | 24.14  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 172147    | 175209    | 172906    | 173420    | 0.92   | cps   |
| Antimony   | 121-1 | 4551      | 4293      | 4393      | 4412      | 2.95   | cps   |
| Arsenic    | 75-2  | 1146      | 946       | 1078      | 1057      | 9.62   | cps   |
| Barium     | 135-1 | 77853     | 79000     | 79209     | 78687     | 0.93   | cps   |
| Barium     | 137-1 | 135413    | 132949    | 134118    | 134160    | 0.92   | cps   |
| Beryllium  | 9-1   | 433       | 450       | 389       | 424       | 7.45   | cps   |
| Bismuth    | 209-1 | 10308391  | 10364967  | 10226006  | 10299788  | 0.68   | cps   |
| Bismuth    | 209-2 | 6009484   | 6052765   | 6039094   | 6033781   | 0.37   | cps   |
| Boron      | 10-1  | 658       | 683       | 558       | 633       | 10.44  | cps   |
| Boron      | 11-1  | 3092      | 3192      | 2667      | 2984      | 9.35   | cps   |
| Cadmium    | 111-1 | 4003      | 4074      | 4233      | 4103      | 2.87   | cps   |
| Cadmium    | 106-1 | 4868      | 4968      | 5001      | 4946      | 1.40   | cps   |
| Cadmium    | 108-1 | 42        | 58        | 38        | 46        | 24.05  | cps   |
| Calcium    | 43-1  | 37398     | 38518     | 37248     | 37721     | 1.84   | cps   |
| Calcium    | 44-1  | 624864    | 632306    | 633360    | 630177    | 0.73   | cps   |
| Chromium   | 52-2  | 30889     | 31420     | 31761     | 31357     | 1.40   | cps   |
| Cobalt     | 59-2  | 12909     | 12936     | 13310     | 13052     | 1.71   | cps   |
| Copper     | 63-2  | 210085    | 211364    | 212113    | 211187    | 0.49   | cps   |
| Dysprosium | 156-1 | 5960      | 5718      | 5493      | 5724      | 4.08   | cps   |
| Dysprosium | 156-2 | 2477      | 2500      | 2564      | 2514      | 1.78   | cps   |
| Erbium     | 164-1 | 4126      | 4334      | 4184      | 4215      | 2.55   | cps   |
| Erbium     | 164-2 | 2217      | 2184      | 2044      | 2148      | 4.28   | cps   |
| Gadolinium | 160-1 | 5126      | 5168      | 5201      | 5165      | 0.73   | cps   |
| Gadolinium | 160-2 | 2920      | 2787      | 3030      | 2913      | 4.18   | cps   |
| Holmium    | 165-1 | 15212956  | 15380486  | 15105726  | 15233056  | 0.91   | cps   |
| Holmium    | 165-2 | 7870821   | 7868099   | 7769390   | 7836103   | 0.74   | cps   |
| Indium     | 115-1 | 12632714  | 12758430  | 12762484  | 12717876  | 0.58   | cps   |
| Indium     | 115-2 | 2344222   | 2351809   | 2386215   | 2360749   | 0.95   | cps   |
| Iron       | 56-2  | 59335949  | 59766087  | 58877172  | 59326403  | 0.75   | cps   |
| Iron       | 57-2  | 1414185   | 1427761   | 1413846   | 1418597   | 0.56   | cps   |
| Lead       | 206-1 | 60648656  | 60893439  | 59786006  | 60442700  | 0.96   | cps   |
| Lead       | 207-1 | 51181580  | 51245428  | 50745639  | 51057549  | 0.53   | cps   |
| Lead       | 208-1 | 233711275 | 235103777 | 232837005 | 233884019 | 0.49   | cps   |
| Lithium    | 6-1   | 2437403   | 2471343   | 2471399   | 2460048   | 0.80   | cps   |
| Magnesium  | 24-2  | 94422     | 96493     | 93055     | 94656     | 1.83   | cps   |
| Manganese  | 55-2  | 219907    | 221826    | 218375    | 220036    | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3784     | 4217     | 4151     | 4051     | 5.76   | cps   |
| Molybdenum | 95-1  | 2284     | 2867     | 2942     | 2698     | 13.36  | cps   |
| Molybdenum | 96-1  | 3517     | 3334     | 3626     | 3492     | 4.22   | cps   |
| Molybdenum | 97-1  | 1609     | 2067     | 1508     | 1728     | 17.23  | cps   |
| Molybdenum | 98-1  | 4276     | 4034     | 4151     | 4154     | 2.91   | cps   |
| Neodymium  | 150-1 | 9283     | 8970     | 9137     | 9130     | 1.72   | cps   |
| Neodymium  | 150-2 | 3614     | 3721     | 3751     | 3695     | 1.94   | cps   |
| Nickel     | 60-2  | 11818    | 11775    | 11621    | 11738    | 0.88   | cps   |
| Phosphorus | 31-2  | 1400     | 1450     | 1483     | 1445     | 2.90   | cps   |
| Potassium  | 39-2  | 116126   | 116210   | 116480   | 116272   | 0.16   | cps   |
| Rhodium    | 103-1 | 11931839 | 11957303 | 11946705 | 11945283 | 0.11   | cps   |
| Rhodium    | 103-2 | 5639362  | 5651244  | 5684522  | 5658376  | 0.41   | cps   |
| Scandium   | 45-1  | 8230692  | 8361884  | 8311433  | 8301336  | 0.80   | cps   |
| Scandium   | 45-2  | 366873   | 369088   | 370643   | 368868   | 0.51   | cps   |
| Selenium   | 77-2  | 10       | 10       | 20       | 13       | 43.30  | cps   |
| Selenium   | 78-2  | 144      | 113      | 117      | 125      | 13.80  | cps   |
| Selenium   | 82-1  | 333      | 60       | -50      | 114      | 172.45 | cps   |
| Silicon    | 28-1  | 7445213  | 7381532  | 7342127  | 7389624  | 0.70   | cps   |
| Silver     | 109-1 | 1433     | 1425     | 1659     | 1506     | 8.79   | cps   |
| Silver     | 107-1 | 1609     | 1717     | 1567     | 1631     | 4.75   | cps   |
| Sodium     | 23-2  | 85083    | 85411    | 86280    | 85591    | 0.72   | cps   |
| Strontium  | 86-1  | 27068    | 27327    | 26642    | 27012    | 1.28   | cps   |
| Strontium  | 88-1  | 175959   | 175775   | 175030   | 175588   | 0.28   | cps   |
| Sulfur     | 34-1  | 859006   | 844748   | 856849   | 853534   | 0.90   | cps   |
| Terbium    | 159-1 | 15928139 | 15854862 | 15938136 | 15907046 | 0.29   | cps   |
| Terbium    | 159-2 | 7834123  | 7917550  | 7882755  | 7878142  | 0.53   | cps   |
| Thallium   | 203-1 | 367      | 342      | 333      | 347      | 5.00   | cps   |
| Thallium   | 205-1 | 1000     | 808      | 808      | 872      | 12.69  | cps   |
| Tin        | 118-1 | 21576    | 21551    | 22544    | 21890    | 2.59   | cps   |
| Titanium   | 47-1  | 40599    | 40256    | 40414    | 40423    | 0.42   | cps   |
| Uranium    | 238-1 | 5785     | 6277     | 5977     | 6013     | 4.12   | cps   |
| Vanadium   | 51-2  | 31397    | 32189    | 31664    | 31750    | 1.27   | cps   |
| Yttrium    | 89-1  | 13039284 | 13072802 | 13193854 | 13101980 | 0.62   | cps   |
| Yttrium    | 89-2  | 1848123  | 1850327  | 1848517  | 1848989  | 0.06   | cps   |
| Zinc       | 66-2  | 39313    | 38431    | 39356    | 39033    | 1.34   | cps   |
| Zirconium  | 90-1  | 7160     | 7402     | 7177     | 7247     | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-04-24 15:02:53 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1425 | 1442 | 1608 | 1492    | 6.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1734     | 1809     | 1734     | 1759     | 2.46   | cps   |
| Antimony   | 121-1 | 467      | 592      | 492      | 517      | 12.80  | cps   |
| Arsenic    | 75-2  | 39       | 26       | 41       | 35       | 22.93  | cps   |
| Barium     | 135-1 | 1017     | 1033     | 1183     | 1078     | 8.52   | cps   |
| Barium     | 137-1 | 1792     | 1817     | 2009     | 1872     | 6.33   | cps   |
| Beryllium  | 9-1   | 100      | 67       | 67       | 78       | 24.74  | cps   |
| Bismuth    | 209-1 | 9993398  | 10131527 | 10051922 | 10058949 | 0.69   | cps   |
| Bismuth    | 209-2 | 6023042  | 6036158  | 6035714  | 6031638  | 0.12   | cps   |
| Boron      | 10-1  | 333      | 292      | 283      | 303      | 8.85   | cps   |
| Boron      | 11-1  | 1142     | 1275     | 1300     | 1239     | 6.87   | cps   |
| Cadmium    | 111-1 | 3106     | 3065     | 2919     | 3030     | 3.23   | cps   |
| Cadmium    | 106-1 | 4426     | 4376     | 4167     | 4323     | 3.17   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 21       | 22       | 10.84  | cps   |
| Calcium    | 43-1  | 1008     | 1158     | 1067     | 1078     | 7.02   | cps   |
| Calcium    | 44-1  | 34825    | 34617    | 34307    | 34583    | 0.75   | cps   |
| Chromium   | 52-2  | 1753     | 1723     | 1657     | 1711     | 2.89   | cps   |
| Cobalt     | 59-2  | 217      | 263      | 277      | 252      | 12.49  | cps   |
| Copper     | 63-2  | 5801     | 5658     | 5825     | 5761     | 1.57   | cps   |
| Dysprosium | 156-1 | 67       | 108      | 92       | 89       | 23.59  | cps   |
| Dysprosium | 156-2 | 30       | 50       | 30       | 37       | 31.49  | cps   |
| Erbium     | 164-1 | 117      | 100      | 92       | 103      | 12.39  | cps   |
| Erbium     | 164-2 | 30       | 53       | 40       | 41       | 28.47  | cps   |
| Gadolinium | 160-1 | 158      | 258      | 108      | 175      | 43.64  | cps   |
| Gadolinium | 160-2 | 73       | 47       | 107      | 76       | 39.79  | cps   |
| Holmium    | 165-1 | 15025836 | 14955140 | 14768136 | 14916371 | 0.89   | cps   |
| Holmium    | 165-2 | 7783959  | 7713413  | 7762792  | 7753388  | 0.47   | cps   |
| Indium     | 115-1 | 12540980 | 12612829 | 12507284 | 12553698 | 0.43   | cps   |
| Indium     | 115-2 | 2360516  | 2347866  | 2367084  | 2358489  | 0.41   | cps   |
| Iron       | 56-2  | 575353   | 576464   | 576117   | 575978   | 0.10   | cps   |
| Iron       | 57-2  | 14363    | 14257    | 14597    | 14406    | 1.21   | cps   |
| Lead       | 206-1 | 603421   | 599114   | 599970   | 600835   | 0.38   | cps   |
| Lead       | 207-1 | 509906   | 504525   | 509562   | 507998   | 0.59   | cps   |
| Lead       | 208-1 | 2362274  | 2339302  | 2352198  | 2351258  | 0.49   | cps   |
| Lithium    | 6-1   | 2390527  | 2407397  | 2367633  | 2388519  | 0.84   | cps   |
| Magnesium  | 24-2  | 1083     | 1142     | 1183     | 1136     | 4.42   | cps   |
| Manganese  | 55-2  | 2424     | 2344     | 2370     | 2379     | 1.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 300      | 375      | 492      | 389      | 24.84   | cps   |
| Molybdenum | 95-1  | 175      | 150      | 242      | 189      | 25.09   | cps   |
| Molybdenum | 96-1  | 300      | 308      | 325      | 311      | 4.09    | cps   |
| Molybdenum | 97-1  | 183      | 125      | 183      | 164      | 20.55   | cps   |
| Molybdenum | 98-1  | 250      | 350      | 483      | 361      | 32.42   | cps   |
| Neodymium  | 150-1 | 133      | 73       | 100      | 102      | 29.41   | cps   |
| Neodymium  | 150-2 | 37       | 40       | 40       | 39       | 4.94    | cps   |
| Nickel     | 60-2  | 380      | 367      | 447      | 398      | 10.77   | cps   |
| Phosphorus | 31-2  | 450      | 492      | 492      | 478      | 5.04    | cps   |
| Potassium  | 39-2  | 50905    | 51825    | 50780    | 51170    | 1.12    | cps   |
| Rhodium    | 103-1 | 11868002 | 11569906 | 11681053 | 11706320 | 1.29    | cps   |
| Rhodium    | 103-2 | 5637911  | 5625897  | 5665306  | 5643038  | 0.36    | cps   |
| Scandium   | 45-1  | 8199284  | 8158980  | 8175251  | 8177838  | 0.25    | cps   |
| Scandium   | 45-2  | 364747   | 363826   | 367452   | 365342   | 0.52    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 102      | 133      | 137      | 124      | 15.59   | cps   |
| Selenium   | 82-1  | -156     | 17       | -249     | -129     | -104.46 | cps   |
| Silicon    | 28-1  | 638556   | 640016   | 639275   | 639282   | 0.11    | cps   |
| Silver     | 109-1 | 375      | 267      | 233      | 292      | 25.39   | cps   |
| Silver     | 107-1 | 492      | 508      | 342      | 447      | 20.52   | cps   |
| Sodium     | 23-2  | 22735    | 22543    | 22351    | 22543    | 0.85    | cps   |
| Strontium  | 86-1  | 7285     | 6752     | 7210     | 7083     | 4.08    | cps   |
| Strontium  | 88-1  | 3109     | 2792     | 2884     | 2928     | 5.57    | cps   |
| Sulfur     | 34-1  | 786373   | 785300   | 788769   | 786814   | 0.23    | cps   |
| Terbium    | 159-1 | 15558783 | 15803831 | 15606325 | 15656313 | 0.83    | cps   |
| Terbium    | 159-2 | 7789936  | 7763288  | 7808958  | 7787394  | 0.29    | cps   |
| Thallium   | 203-1 | 158      | 200      | 158      | 172      | 13.97   | cps   |
| Thallium   | 205-1 | 292      | 333      | 392      | 339      | 14.82   | cps   |
| Tin        | 118-1 | 892      | 708      | 883      | 828      | 12.51   | cps   |
| Titanium   | 47-1  | 625      | 542      | 833      | 667      | 22.54   | cps   |
| Uranium    | 238-1 | 183      | 142      | 125      | 150      | 20.03   | cps   |
| Vanadium   | 51-2  | 333      | 297      | 280      | 303      | 8.99    | cps   |
| Yttrium    | 89-1  | 12733837 | 12877907 | 12777414 | 12796386 | 0.58    | cps   |
| Yttrium    | 89-2  | 1833961  | 1824930  | 1841594  | 1833495  | 0.45    | cps   |
| Zinc       | 66-2  | 1373     | 1237     | 1253     | 1288     | 5.79    | cps   |
| Zirconium  | 90-1  | 758      | 908      | 883      | 850      | 9.45    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-01LDLX500     | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27L             | Dilution Factor : | 500       |
| Date & Time Acquired :: | 2017-04-24 15:06:20 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 142  | 233  | 197     | 24.76  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 855541     | 857791     | 859394     | 857575     | 0.23   | cps   |
| Antimony   | 121-1 | 329738     | 328620     | 326257     | 328205     | 0.54   | cps   |
| Arsenic    | 75-2  | 10734      | 10736      | 10674      | 10715      | 0.32   | cps   |
| Barium     | 135-1 | 1714989    | 1694612    | 1673462    | 1694354    | 1.23   | cps   |
| Barium     | 137-1 | 2954589    | 2929061    | 2930051    | 2937900    | 0.49   | cps   |
| Beryllium  | 9-1   | 32357      | 33404      | 33593      | 33118      | 2.01   | cps   |
| Bismuth    | 209-1 | 10410977   | 10414906   | 10462400   | 10429428   | 0.27   | cps   |
| Bismuth    | 209-2 | 5941123    | 6025732    | 6031362    | 5999405    | 0.84   | cps   |
| Boron      | 10-1  | 1267       | 1600       | 1408       | 1425       | 11.74  | cps   |
| Boron      | 11-1  | 6944       | 7110       | 6618       | 6891       | 3.63   | cps   |
| Cadmium    | 111-1 | 42998      | 44069      | 44027      | 43698      | 1.39   | cps   |
| Cadmium    | 106-1 | 8269       | 9012       | 8103       | 8461       | 5.72   | cps   |
| Cadmium    | 108-1 | 2934       | 2671       | 2867       | 2824       | 4.83   | cps   |
| Calcium    | 43-1  | 185856     | 184133     | 185576     | 185188     | 0.50   | cps   |
| Calcium    | 44-1  | 3025332    | 2999560    | 2970919    | 2998604    | 0.91   | cps   |
| Chromium   | 52-2  | 335301     | 340737     | 337942     | 337993     | 0.80   | cps   |
| Cobalt     | 59-2  | 869960     | 867328     | 868948     | 868745     | 0.15   | cps   |
| Copper     | 63-2  | 1332991    | 1334059    | 1336390    | 1334480    | 0.13   | cps   |
| Dysprosium | 156-1 | 30259      | 29073      | 29683      | 29672      | 2.00   | cps   |
| Dysprosium | 156-2 | 13020      | 13257      | 13176      | 13151      | 0.92   | cps   |
| Erbium     | 164-1 | 21217      | 20858      | 21334      | 21137      | 1.17   | cps   |
| Erbium     | 164-2 | 10594      | 10831      | 10971      | 10799      | 1.76   | cps   |
| Gadolinium | 160-1 | 24857      | 25074      | 25817      | 25249      | 1.99   | cps   |
| Gadolinium | 160-2 | 14348      | 14448      | 14708      | 14501      | 1.28   | cps   |
| Holmium    | 165-1 | 15249728   | 15301420   | 15293394   | 15281514   | 0.18   | cps   |
| Holmium    | 165-2 | 7823990    | 7848026    | 7724114    | 7798710    | 0.84   | cps   |
| Indium     | 115-1 | 12656298   | 12563866   | 12629663   | 12616609   | 0.38   | cps   |
| Indium     | 115-2 | 2317563    | 2348389    | 2341905    | 2335953    | 0.70   | cps   |
| Iron       | 56-2  | 292684895  | 291643495  | 289684118  | 291337503  | 0.52   | cps   |
| Iron       | 57-2  | 7223049    | 7220251    | 7171792    | 7205031    | 0.40   | cps   |
| Lead       | 206-1 | 297215896  | 296663751  | 296024062  | 296634570  | 0.20   | cps   |
| Lead       | 207-1 | 256820528  | 254744056  | 256183495  | 255916026  | 0.42   | cps   |
| Lead       | 208-1 | 1167324148 | 1168460443 | 1172479815 | 1169421469 | 0.23   | cps   |
| Lithium    | 6-1   | 2516710    | 2530547    | 2552927    | 2533395    | 0.72   | cps   |
| Magnesium  | 24-2  | 437655     | 439738     | 440079     | 439157     | 0.30   | cps   |
| Manganese  | 55-2  | 1329264    | 1337450    | 1337616    | 1334777    | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 21167    | 20616    | 20365    | 20716    | 1.98   | cps   |
| Molybdenum | 95-1  | 17144    | 17378    | 17486    | 17336    | 1.01   | cps   |
| Molybdenum | 96-1  | 22418    | 21968    | 21826    | 22071    | 1.40   | cps   |
| Molybdenum | 97-1  | 11055    | 10963    | 10363    | 10793    | 3.48   | cps   |
| Molybdenum | 98-1  | 27870    | 27427    | 27060    | 27452    | 1.48   | cps   |
| Neodymium  | 150-1 | 44713    | 44854    | 43784    | 44450    | 1.31   | cps   |
| Neodymium  | 150-2 | 17682    | 18082    | 17979    | 17914    | 1.16   | cps   |
| Nickel     | 60-2  | 271454   | 273846   | 274928   | 273409   | 0.65   | cps   |
| Phosphorus | 31-2  | 5476     | 5885     | 5309     | 5557     | 5.33   | cps   |
| Potassium  | 39-2  | 346894   | 351316   | 348601   | 348937   | 0.64   | cps   |
| Rhodium    | 103-1 | 12052186 | 11972800 | 11995067 | 12006684 | 0.34   | cps   |
| Rhodium    | 103-2 | 5567298  | 5636203  | 5611274  | 5604925  | 0.62   | cps   |
| Scandium   | 45-1  | 8433343  | 8333895  | 8423918  | 8397052  | 0.65   | cps   |
| Scandium   | 45-2  | 361057   | 365334   | 364332   | 363575   | 0.62   | cps   |
| Selenium   | 77-2  | 267      | 340      | 260      | 289      | 15.37  | cps   |
| Selenium   | 78-2  | 882      | 878      | 809      | 856      | 4.75   | cps   |
| Selenium   | 82-1  | 4825     | 4931     | 5044     | 4933     | 2.23   | cps   |
| Silicon    | 28-1  | 12695312 | 12875973 | 12739485 | 12770257 | 0.74   | cps   |
| Silver     | 109-1 | 168208   | 168897   | 168656   | 168587   | 0.21   | cps   |
| Silver     | 107-1 | 174775   | 175190   | 175224   | 175063   | 0.14   | cps   |
| Sodium     | 23-2  | 304191   | 308104   | 308942   | 307079   | 0.83   | cps   |
| Strontium  | 86-1  | 103572   | 102338   | 102868   | 102926   | 0.60   | cps   |
| Strontium  | 88-1  | 845580   | 846916   | 831598   | 841365   | 1.01   | cps   |
| Sulfur     | 34-1  | 1001816  | 1010986  | 1011866  | 1008222  | 0.55   | cps   |
| Terbium    | 159-1 | 16041798 | 15884910 | 16053371 | 15993359 | 0.59   | cps   |
| Terbium    | 159-2 | 7771647  | 7761888  | 7855225  | 7796253  | 0.66   | cps   |
| Thallium   | 203-1 | 135417   | 136805   | 136401   | 136208   | 0.52   | cps   |
| Thallium   | 205-1 | 329139   | 332331   | 329130   | 330200   | 0.56   | cps   |
| Tin        | 118-1 | 129398   | 126961   | 127188   | 127849   | 1.05   | cps   |
| Titanium   | 47-1  | 212976   | 215276   | 211792   | 213348   | 0.83   | cps   |
| Uranium    | 238-1 | 29200    | 28365    | 29709    | 29092    | 2.33   | cps   |
| Vanadium   | 51-2  | 538430   | 539332   | 540329   | 539364   | 0.18   | cps   |
| Yttrium    | 89-1  | 13497881 | 13505638 | 13297227 | 13433582 | 0.88   | cps   |
| Yttrium    | 89-2  | 1847451  | 1867887  | 1857786  | 1857708  | 0.55   | cps   |
| Zinc       | 66-2  | 266402   | 270140   | 270310   | 268951   | 0.82   | cps   |
| Zirconium  | 90-1  | 30433    | 29882    | 30467    | 30261    | 1.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:09:50 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6652 | 6927 | 6360 | 6646    | 4.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9512     | 9036     | 9328     | 9292     | 2.58   | cps   |
| Antimony   | 121-1 | 3876     | 3726     | 3784     | 3795     | 1.99   | cps   |
| Arsenic    | 75-2  | 161      | 161      | 128      | 150      | 12.83  | cps   |
| Barium     | 135-1 | 16344    | 17045    | 16652    | 16680    | 2.11   | cps   |
| Barium     | 137-1 | 28998    | 29090    | 28271    | 28786    | 1.56   | cps   |
| Beryllium  | 9-1   | 394      | 372      | 383      | 383      | 2.90   | cps   |
| Bismuth    | 209-1 | 10057211 | 10025885 | 10050699 | 10044598 | 0.16   | cps   |
| Bismuth    | 209-2 | 6008891  | 6042712  | 6039136  | 6030246  | 0.31   | cps   |
| Boron      | 10-1  | 383      | 483      | 450      | 439      | 11.60  | cps   |
| Boron      | 11-1  | 1850     | 1867     | 1692     | 1803     | 5.36   | cps   |
| Cadmium    | 111-1 | 3728     | 3608     | 3740     | 3692     | 1.97   | cps   |
| Cadmium    | 106-1 | 4751     | 4701     | 4826     | 4759     | 1.32   | cps   |
| Cadmium    | 108-1 | 63       | 71       | 38       | 57       | 30.47  | cps   |
| Calcium    | 43-1  | 2642     | 2684     | 2350     | 2559     | 7.10   | cps   |
| Calcium    | 44-1  | 55413    | 55045    | 56802    | 55753    | 1.66   | cps   |
| Chromium   | 52-2  | 4744     | 4851     | 4654     | 4750     | 2.07   | cps   |
| Cobalt     | 59-2  | 8783     | 8779     | 8773     | 8778     | 0.06   | cps   |
| Copper     | 63-2  | 17734    | 17708    | 17908    | 17783    | 0.61   | cps   |
| Dysprosium | 156-1 | 400      | 325      | 308      | 344      | 14.18  | cps   |
| Dysprosium | 156-2 | 143      | 87       | 153      | 128      | 28.14  | cps   |
| Erbium     | 164-1 | 242      | 225      | 275      | 247      | 10.30  | cps   |
| Erbium     | 164-2 | 110      | 170      | 123      | 134      | 23.43  | cps   |
| Gadolinium | 160-1 | 300      | 458      | 342      | 367      | 22.38  | cps   |
| Gadolinium | 160-2 | 177      | 207      | 200      | 194      | 8.10   | cps   |
| Holmium    | 165-1 | 15239231 | 15135298 | 14980694 | 15118407 | 0.86   | cps   |
| Holmium    | 165-2 | 7826819  | 7856037  | 7808359  | 7830405  | 0.31   | cps   |
| Indium     | 115-1 | 12435349 | 12521144 | 12694443 | 12550312 | 1.05   | cps   |
| Indium     | 115-2 | 2351048  | 2352974  | 2374734  | 2359585  | 0.56   | cps   |
| Iron       | 56-2  | 2820911  | 2839658  | 2833338  | 2831302  | 0.34   | cps   |
| Iron       | 57-2  | 70731    | 70458    | 70268    | 70486    | 0.33   | cps   |
| Lead       | 206-1 | 2889197  | 2844266  | 2820423  | 2851296  | 1.22   | cps   |
| Lead       | 207-1 | 2431550  | 2408157  | 2386906  | 2408871  | 0.93   | cps   |
| Lead       | 208-1 | 11310733 | 11210909 | 11044374 | 11188672 | 1.20   | cps   |
| Lithium    | 6-1   | 2486019  | 2441975  | 2420908  | 2449634  | 1.36   | cps   |
| Magnesium  | 24-2  | 4601     | 4976     | 4734     | 4770     | 3.99   | cps   |
| Manganese  | 55-2  | 13563    | 13653    | 13546    | 13588    | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 458      | 608      | 597      | 22.38  | cps   |
| Molybdenum | 95-1  | 275      | 367      | 400      | 347      | 18.64  | cps   |
| Molybdenum | 96-1  | 383      | 642      | 617      | 547      | 26.04  | cps   |
| Molybdenum | 97-1  | 275      | 275      | 200      | 250      | 17.32  | cps   |
| Molybdenum | 98-1  | 633      | 642      | 567      | 614      | 6.70   | cps   |
| Neodymium  | 150-1 | 360      | 380      | 407      | 382      | 6.13   | cps   |
| Neodymium  | 150-2 | 173      | 223      | 147      | 181      | 21.49  | cps   |
| Nickel     | 60-2  | 3117     | 2944     | 3024     | 3028     | 2.87   | cps   |
| Phosphorus | 31-2  | 517      | 500      | 600      | 539      | 9.94   | cps   |
| Potassium  | 39-2  | 55546    | 54652    | 54183    | 54794    | 1.26   | cps   |
| Rhodium    | 103-1 | 12009481 | 12015316 | 11783853 | 11936217 | 1.11   | cps   |
| Rhodium    | 103-2 | 5647055  | 5643269  | 5670057  | 5653460  | 0.26   | cps   |
| Scandium   | 45-1  | 8196537  | 8284620  | 8067613  | 8182923  | 1.33   | cps   |
| Scandium   | 45-2  | 361845   | 367421   | 362907   | 364058   | 0.81   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 100      | 113      | 122      | 112      | 9.99   | cps   |
| Selenium   | 82-1  | -153     | 13       | -162     | -101     | -97.83 | cps   |
| Silicon    | 28-1  | 702658   | 701462   | 696986   | 700369   | 0.43   | cps   |
| Silver     | 109-1 | 2334     | 2125     | 2342     | 2267     | 5.42   | cps   |
| Silver     | 107-1 | 2434     | 2675     | 2559     | 2556     | 4.73   | cps   |
| Sodium     | 23-2  | 26257    | 25239    | 25439    | 25645    | 2.10   | cps   |
| Strontium  | 86-1  | 7769     | 7060     | 7727     | 7519     | 5.29   | cps   |
| Strontium  | 88-1  | 9487     | 9270     | 8787     | 9181     | 3.90   | cps   |
| Sulfur     | 34-1  | 836967   | 837823   | 832922   | 835904   | 0.31   | cps   |
| Terbium    | 159-1 | 15663582 | 15596587 | 15804935 | 15688368 | 0.68   | cps   |
| Terbium    | 159-2 | 7821101  | 7757576  | 7768939  | 7782539  | 0.44   | cps   |
| Thallium   | 203-1 | 1625     | 1659     | 1517     | 1600     | 4.63   | cps   |
| Thallium   | 205-1 | 3751     | 3534     | 3576     | 3620     | 3.18   | cps   |
| Tin        | 118-1 | 1934     | 2225     | 2092     | 2084     | 7.01   | cps   |
| Titanium   | 47-1  | 2450     | 2275     | 2375     | 2367     | 3.71   | cps   |
| Uranium    | 238-1 | 400      | 425      | 475      | 433      | 8.81   | cps   |
| Vanadium   | 51-2  | 5278     | 5341     | 5441     | 5353     | 1.54   | cps   |
| Yttrium    | 89-1  | 12712632 | 12775769 | 12652581 | 12713660 | 0.48   | cps   |
| Yttrium    | 89-2  | 1824582  | 1842483  | 1837644  | 1834903  | 0.50   | cps   |
| Zinc       | 66-2  | 3220     | 3154     | 3270     | 3215     | 1.82   | cps   |
| Zirconium  | 90-1  | 1067     | 1200     | 1183     | 1150     | 6.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | I2696-03DLX100      | Instrumnet Name : | P7        |
| Client Sample ID :      | MF4B27S             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-04-24 15:13:26 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 192  | 158  | 181     | 10.66  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1378453   | 1375771   | 1388775   | 1381000   | 0.50   | cps   |
| Antimony   | 121-1 | 7653554   | 7553500   | 7463829   | 7556961   | 1.26   | cps   |
| Arsenic    | 75-2  | 286247    | 286815    | 291286    | 288116    | 0.96   | cps   |
| Barium     | 135-1 | 9043780   | 9087080   | 9058675   | 9063178   | 0.24   | cps   |
| Barium     | 137-1 | 15742415  | 15665540  | 15662446  | 15690134  | 0.29   | cps   |
| Beryllium  | 9-1   | 1608466   | 1598218   | 1603151   | 1603278   | 0.32   | cps   |
| Bismuth    | 209-1 | 9929213   | 9921284   | 9859064   | 9903187   | 0.39   | cps   |
| Bismuth    | 209-2 | 5854974   | 5865966   | 5947867   | 5889603   | 0.86   | cps   |
| Boron      | 10-1  | 214483    | 217527    | 220807    | 217606    | 1.45   | cps   |
| Boron      | 11-1  | 1033806   | 1027001   | 1054368   | 1038392   | 1.37   | cps   |
| Cadmium    | 111-1 | 1975094   | 1961705   | 1969500   | 1968766   | 0.34   | cps   |
| Cadmium    | 106-1 | 223164    | 226167    | 223539    | 224290    | 0.73   | cps   |
| Cadmium    | 108-1 | 146153    | 146863    | 147507    | 146841    | 0.46   | cps   |
| Calcium    | 43-1  | 2334749   | 2306951   | 2334275   | 2325325   | 0.68   | cps   |
| Calcium    | 44-1  | 38096746  | 37573565  | 38066157  | 37912156  | 0.77   | cps   |
| Chromium   | 52-2  | 2503390   | 2512094   | 2535932   | 2517139   | 0.67   | cps   |
| Cobalt     | 59-2  | 4104433   | 4120814   | 4183529   | 4136259   | 1.01   | cps   |
| Copper     | 63-2  | 6081191   | 6077415   | 6137067   | 6098558   | 0.55   | cps   |
| Dysprosium | 156-1 | 200       | 158       | 200       | 186       | 12.93  | cps   |
| Dysprosium | 156-2 | 23        | 43        | 67        | 44        | 48.81  | cps   |
| Erbium     | 164-1 | 108       | 100       | 67        | 92        | 24.05  | cps   |
| Erbium     | 164-2 | 47        | 40        | 30        | 39        | 21.57  | cps   |
| Gadolinium | 160-1 | 142       | 217       | 250       | 203       | 27.37  | cps   |
| Gadolinium | 160-2 | 83        | 83        | 67        | 78        | 12.37  | cps   |
| Holmium    | 165-1 | 15069205  | 15043754  | 14960487  | 15024482  | 0.38   | cps   |
| Holmium    | 165-2 | 7791522   | 7815952   | 7800017   | 7802497   | 0.16   | cps   |
| Indium     | 115-1 | 12273985  | 12247085  | 12390796  | 12303955  | 0.62   | cps   |
| Indium     | 115-2 | 2307258   | 2303989   | 2357550   | 2322933   | 1.29   | cps   |
| Iron       | 56-2  | 104771908 | 105311347 | 105941997 | 105341751 | 0.56   | cps   |
| Iron       | 57-2  | 2541099   | 2553960   | 2581117   | 2558725   | 0.80   | cps   |
| Lead       | 206-1 | 5864456   | 5850293   | 5862483   | 5859077   | 0.13   | cps   |
| Lead       | 207-1 | 5351417   | 5351367   | 5352054   | 5351613   | 0.01   | cps   |
| Lead       | 208-1 | 24227080  | 24153830  | 24125650  | 24168853  | 0.22   | cps   |
| Lithium    | 6-1   | 2396934   | 2381687   | 2395331   | 2391317   | 0.35   | cps   |
| Magnesium  | 24-2  | 18101638  | 17849574  | 18168821  | 18040011  | 0.93   | cps   |
| Manganese  | 55-2  | 2748882   | 2767820   | 2789933   | 2768878   | 0.74   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7138920  | 7118243  | 7025807  | 7094323  | 0.85   | cps   |
| Molybdenum | 95-1  | 3737443  | 3712914  | 3705719  | 3718692  | 0.45   | cps   |
| Molybdenum | 96-1  | 4783549  | 4783470  | 4747033  | 4771351  | 0.44   | cps   |
| Molybdenum | 97-1  | 2322610  | 2282630  | 2306976  | 2304072  | 0.87   | cps   |
| Molybdenum | 98-1  | 6159785  | 6128689  | 6115468  | 6134647  | 0.37   | cps   |
| Neodymium  | 150-1 | 527      | 567      | 507      | 533      | 5.73   | cps   |
| Neodymium  | 150-2 | 63       | 97       | 63       | 74       | 25.86  | cps   |
| Nickel     | 60-2  | 1090356  | 1097377  | 1111428  | 1099720  | 0.98   | cps   |
| Phosphorus | 31-2  | 82922    | 81314    | 83719    | 82651    | 1.48   | cps   |
| Potassium  | 39-2  | 8870746  | 8858285  | 8925372  | 8884801  | 0.40   | cps   |
| Rhodium    | 103-1 | 11393796 | 11329728 | 11421625 | 11381716 | 0.41   | cps   |
| Rhodium    | 103-2 | 5452122  | 5432544  | 5524855  | 5469840  | 0.89   | cps   |
| Scandium   | 45-1  | 8163735  | 8184323  | 8188364  | 8178807  | 0.16   | cps   |
| Scandium   | 45-2  | 362689   | 363790   | 367810   | 364763   | 0.74   | cps   |
| Selenium   | 77-2  | 5768     | 5741     | 5815     | 5775     | 0.64   | cps   |
| Selenium   | 78-2  | 19268    | 19179    | 19595    | 19348    | 1.13   | cps   |
| Selenium   | 82-1  | 124254   | 124985   | 123373   | 124204   | 0.65   | cps   |
| Silicon    | 28-1  | 5640865  | 5709788  | 5825772  | 5725475  | 1.63   | cps   |
| Silver     | 109-1 | 9445413  | 9379765  | 9430510  | 9418563  | 0.37   | cps   |
| Silver     | 107-1 | 9815117  | 9780467  | 9852876  | 9816153  | 0.37   | cps   |
| Sodium     | 23-2  | 35562741 | 35269138 | 35626012 | 35485964 | 0.54   | cps   |
| Strontium  | 86-1  | 2825866  | 2816004  | 2821584  | 2821151  | 0.18   | cps   |
| Strontium  | 88-1  | 24884280 | 24970269 | 24737979 | 24864176 | 0.47   | cps   |
| Sulfur     | 34-1  | 1686389  | 1669995  | 1680373  | 1678919  | 0.49   | cps   |
| Terbium    | 159-1 | 15848164 | 15752530 | 15783612 | 15794769 | 0.31   | cps   |
| Terbium    | 159-2 | 7763912  | 7775673  | 7856445  | 7798677  | 0.65   | cps   |
| Thallium   | 203-1 | 7419328  | 7511443  | 7400218  | 7443663  | 0.80   | cps   |
| Thallium   | 205-1 | 17917382 | 17926099 | 17825737 | 17889739 | 0.31   | cps   |
| Tin        | 118-1 | 6442938  | 6349356  | 6426100  | 6406131  | 0.78   | cps   |
| Titanium   | 47-1  | 1143917  | 1136354  | 1138865  | 1139712  | 0.34   | cps   |
| Uranium    | 238-1 | 25440713 | 25449167 | 25578411 | 25489430 | 0.30   | cps   |
| Vanadium   | 51-2  | 2025789  | 2038723  | 2057105  | 2040539  | 0.77   | cps   |
| Yttrium    | 89-1  | 12949212 | 12817180 | 12847514 | 12871302 | 0.54   | cps   |
| Yttrium    | 89-2  | 1813092  | 1823905  | 1854539  | 1830512  | 1.17   | cps   |
| Zinc       | 66-2  | 848999   | 852746   | 853455   | 851733   | 0.28   | cps   |
| Zirconium  | 90-1  | 13412358 | 13405424 | 13482623 | 13433468 | 0.32   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB87039             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV077              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV077              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-04-24 15:23:02 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2921342 | 2928850 | 2932434 | 2927542 | 0.19   | cps   |

LB Number : LB87039 Operator : Jaswal  
 Lab Sample ID : CCB077 Instrumnet Name : P7  
 Client Sample ID : CCB077 Dilution Factor : 1  
 Date & Time Acquired :: 2017-04-24 15:34:01 DataFile Name : 044CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 58       | 42       | 64       | 39.85  | cps   |
| Antimony   | 121-1 | 11697    | 16510    | 20441    | 16216    | 27.01  | cps   |
| Arsenic    | 75-2  | 67       | 61       | 61       | 63       | 5.10   | cps   |
| Barium     | 135-1 | 58       | 117      | 67       | 81       | 39.16  | cps   |
| Barium     | 137-1 | 167      | 150      | 150      | 156      | 6.18   | cps   |
| Beryllium  | 9-1   | 106      | 83       | 78       | 89       | 16.54  | cps   |
| Bismuth    | 209-1 | 10002718 | 10107405 | 10050424 | 10053516 | 0.52   | cps   |
| Bismuth    | 209-2 | 6010567  | 5993954  | 6006813  | 6003778  | 0.15   | cps   |
| Boron      | 10-1  | 1125     | 1075     | 1192     | 1131     | 5.18   | cps   |
| Boron      | 11-1  | 5785     | 5693     | 5651     | 5710     | 1.19   | cps   |
| Cadmium    | 111-1 | 3101     | 2965     | 3035     | 3034     | 2.25   | cps   |
| Cadmium    | 106-1 | 4426     | 4243     | 4293     | 4320     | 2.19   | cps   |
| Cadmium    | 108-1 | 38       | 25       | 17       | 26       | 39.73  | cps   |
| Calcium    | 43-1  | 517      | 617      | 658      | 597      | 12.19  | cps   |
| Calcium    | 44-1  | 27009    | 26541    | 26324    | 26625    | 1.31   | cps   |
| Chromium   | 52-2  | 1457     | 1423     | 1437     | 1439     | 1.17   | cps   |
| Cobalt     | 59-2  | 150      | 143      | 180      | 158      | 12.38  | cps   |
| Copper     | 63-2  | 3250     | 3524     | 3404     | 3393     | 4.04   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 42       | 31       | 41.65  | cps   |
| Dysprosium | 156-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 33       | 67       | 42       | 47       | 36.73  | cps   |
| Erbium     | 164-2 | 20       | 23       | 27       | 23       | 14.29  | cps   |
| Gadolinium | 160-1 | 125      | 117      | 150      | 131      | 13.29  | cps   |
| Gadolinium | 160-2 | 63       | 47       | 50       | 53       | 16.53  | cps   |
| Holmium    | 165-1 | 14775760 | 14963933 | 14967951 | 14902548 | 0.74   | cps   |
| Holmium    | 165-2 | 7857113  | 7722732  | 7721731  | 7767192  | 1.00   | cps   |
| Indium     | 115-1 | 12371859 | 12383311 | 12463788 | 12406319 | 0.40   | cps   |
| Indium     | 115-2 | 2343918  | 2329117  | 2356699  | 2343245  | 0.59   | cps   |
| Iron       | 56-2  | 9648     | 8653     | 8775     | 9025     | 6.01   | cps   |
| Iron       | 57-2  | 256      | 167      | 194      | 206      | 22.12  | cps   |
| Lead       | 206-1 | 40144    | 41008    | 40356    | 40503    | 1.11   | cps   |
| Lead       | 207-1 | 34200    | 34952    | 33560    | 34237    | 2.04   | cps   |
| Lead       | 208-1 | 160383   | 159756   | 156315   | 158818   | 1.38   | cps   |
| Lithium    | 6-1   | 2316365  | 2300704  | 2296218  | 2304429  | 0.46   | cps   |
| Magnesium  | 24-2  | 317      | 375      | 217      | 303      | 26.45  | cps   |
| Manganese  | 55-2  | 100      | 130      | 130      | 120      | 14.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB077              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB077              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:34:01 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 950      | 1392     | 1767     | 1370     | 29.85   | cps   |
| Molybdenum | 95-1  | 1133     | 1433     | 1925     | 1497     | 26.70   | cps   |
| Molybdenum | 96-1  | 1108     | 1767     | 2075     | 1650     | 29.93   | cps   |
| Molybdenum | 97-1  | 700      | 975      | 1417     | 1031     | 35.08   | cps   |
| Molybdenum | 98-1  | 1659     | 2250     | 3292     | 2400     | 34.46   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21  | cps   |
| Nickel     | 60-2  | 363      | 327      | 303      | 331      | 9.14    | cps   |
| Phosphorus | 31-2  | 367      | 450      | 408      | 408      | 10.20   | cps   |
| Potassium  | 39-2  | 51206    | 50261    | 49860    | 50442    | 1.37    | cps   |
| Rhodium    | 103-1 | 11629180 | 11684523 | 11639462 | 11651055 | 0.25    | cps   |
| Rhodium    | 103-2 | 5634889  | 5573558  | 5629869  | 5612772  | 0.61    | cps   |
| Scandium   | 45-1  | 7985888  | 8038574  | 8064555  | 8029672  | 0.50    | cps   |
| Scandium   | 45-2  | 365018   | 366196   | 367014   | 366076   | 0.27    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 135      | 130      | 98       | 121      | 16.51   | cps   |
| Selenium   | 82-1  | -117     | -170     | 140      | -49      | -339.88 | cps   |
| Silicon    | 28-1  | 551165   | 548370   | 554271   | 551269   | 0.54    | cps   |
| Silver     | 109-1 | 158      | 183      | 200      | 181      | 11.62   | cps   |
| Silver     | 107-1 | 292      | 242      | 267      | 267      | 9.37    | cps   |
| Sodium     | 23-2  | 22017    | 22334    | 20899    | 21750    | 3.47    | cps   |
| Strontium  | 86-1  | 6810     | 6252     | 7360     | 6807     | 8.14    | cps   |
| Strontium  | 88-1  | 717      | 758      | 817      | 764      | 6.57    | cps   |
| Sulfur     | 34-1  | 828283   | 828943   | 826806   | 828011   | 0.13    | cps   |
| Terbium    | 159-1 | 15433969 | 15429308 | 15393362 | 15418880 | 0.14    | cps   |
| Terbium    | 159-2 | 7682795  | 7698437  | 7673856  | 7685029  | 0.16    | cps   |
| Thallium   | 203-1 | 317      | 333      | 383      | 344      | 10.07   | cps   |
| Thallium   | 205-1 | 900      | 750      | 775      | 808      | 9.94    | cps   |
| Tin        | 118-1 | 950      | 1167     | 1350     | 1156     | 17.33   | cps   |
| Titanium   | 47-1  | 233      | 175      | 167      | 192      | 18.95   | cps   |
| Uranium    | 238-1 | 183      | 167      | 117      | 156      | 22.30   | cps   |
| Vanadium   | 51-2  | 37       | 37       | 23       | 32       | 23.90   | cps   |
| Yttrium    | 89-1  | 12671298 | 12772908 | 12726109 | 12723438 | 0.40    | cps   |
| Yttrium    | 89-2  | 1849499  | 1821079  | 1824078  | 1831552  | 0.85    | cps   |
| Zinc       | 66-2  | 507      | 463      | 463      | 478      | 5.24    | cps   |
| Zirconium  | 90-1  | 1375     | 1417     | 1709     | 1500     | 12.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB87039             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB077              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB077              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-04-24 15:34:01 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 200  | 275  | 247     | 16.63  | cps   |