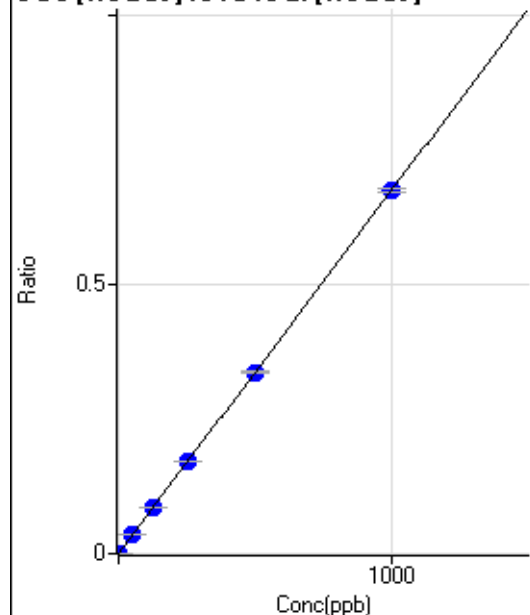


Batch Folder: D:\ICP-MS Data\P7042318- MS .b\  
Analysis File: P7042318- MS .batch.bin  
DA Date-Time: 2018-04-23 23:52:39  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File     | Sample Name | Acq. Date-Time      |
|-------|------------------------|-------------|---------------------|
| 1     | 003CALB P7042318- MS.D | S00         | 2018-04-23 14:05:15 |
| 2     |                        |             |                     |
| 3     | 005CALS P7042318- MS.D | S02         | 2018-04-23 14:13:27 |
| 4     | 006CALS P7042318- MS.D | S03         | 2018-04-23 14:17:19 |
| 5     | 007CALS P7042318- MS.D | S04         | 2018-04-23 14:21:24 |
| 6     | 008CALS P7042318- MS.D | S05         | 2018-04-23 14:25:12 |
| 7     | 009CALS P7042318- MS.D | S06         | 2018-04-23 14:28:57 |
| 8     | 010CALS P7042318- MS.D | S07         | 2018-04-23 14:32:41 |
| 9     | 011CALS P7042318- MS.D | S08         | 2018-04-23 14:36:25 |

**9 Be [NoGas] ISTD:6 Li [NoGas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0000 | P    | 25.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.994      | 1820.53    | 0.0007 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 51.596     | 92273.73   | 0.0348 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.093    | 229318.46  | 0.0850 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 252.389    | 452688.76  | 0.1701 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 500.283    | 872423.12  | 0.3372 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.045    | 1729606.02 | 0.6734 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 372.24     | 0.0001 | P    | 17.2 |

$$y = 6.7402\text{E-}004 * x + 2.9879\text{E-}005$$

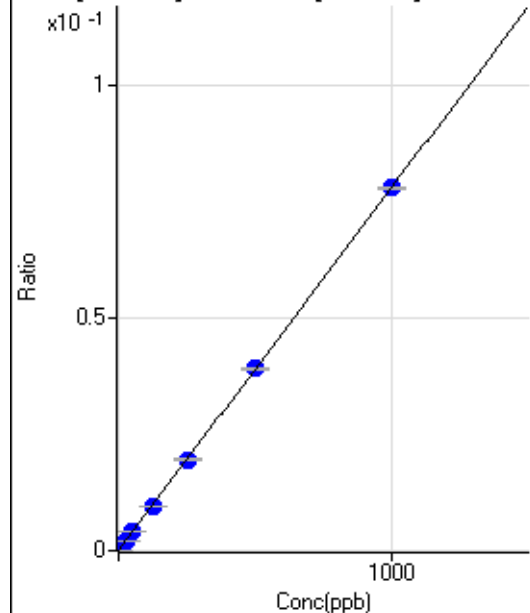
$$R = 1.0000$$

$$DL = 0.03428$$

$$BEC = 0.04433$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [NoGas] ISTD:6 Li [NoGas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 166.67    | 0.0001 | P    | 5.0  |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.277     | 4889.89   | 0.0019 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.742     | 10659.75  | 0.0040 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 122.075    | 25853.53  | 0.0096 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.831    | 52213.18  | 0.0196 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 500.637    | 101163.82 | 0.0391 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.845    | 200437.13 | 0.0780 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 4345.24   | 0.0017 | P    | 10.9 |

$$y = 7.7983\text{E-}005 * x + 6.4021\text{E-}005$$

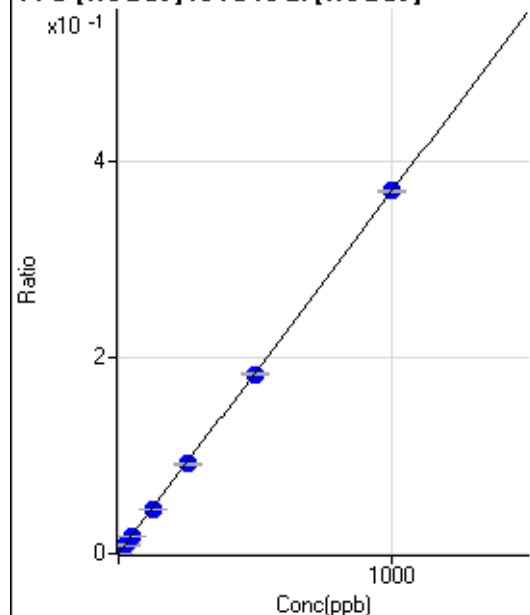
$$R = 1.0000$$

$$DL = 0.1239$$

$$BEC = 0.821$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [NoGas] ISTD: 6 Li [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 766.72    | 0.0003 | P        | 10.7 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.175     | 23015.41  | 0.0088 | P        | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.310     | 49011.04  | 0.0185 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 121.024    | 121242.87 | 0.0449 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 248.377    | 244591.16 | 0.0919 | P        | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 495.834    | 474026.39 | 0.1832 | P        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.066   | 951317.36 | 0.3704 | P        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 19785.96  | 0.0077 | P        | 8.6  |

$$y = 3.6896E-004 * x + 2.9451E-004$$

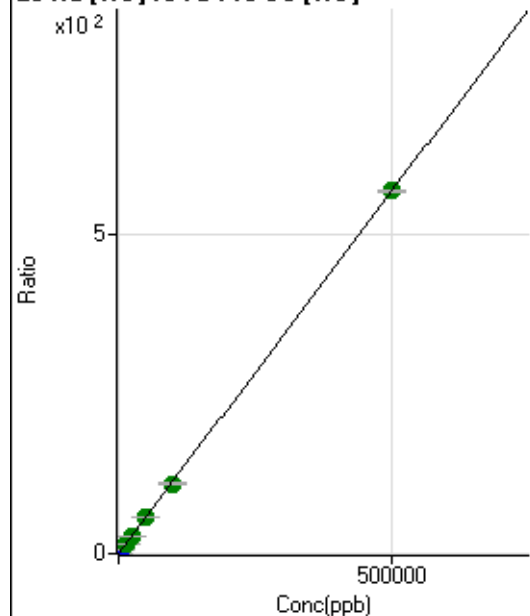
$$R = 1.0000$$

$$DL = 0.2571$$

$$BEC = 0.7982$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 20728.96    | 0.0447   | P        | 2.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |          |     |
| 3 | <input type="checkbox"/> | 500.000   | 461.717    | 268010.47   | 0.5677   | P        | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 4977.630   | 2603011.67  | 5.6836   | P        | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12422.845  | 6271913.47  | 14.1181  | A        | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24995.426  | 12138851.66 | 28.3611  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49143.299  | 24119597.59 | 55.7174  | A        | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 96745.379  | 48074172.26 | 109.6440 | A        | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 500739.01  | 267633880.9 | 567.3140 | A        | 0.4 |

$$y = 0.0011 * x + 0.0447$$

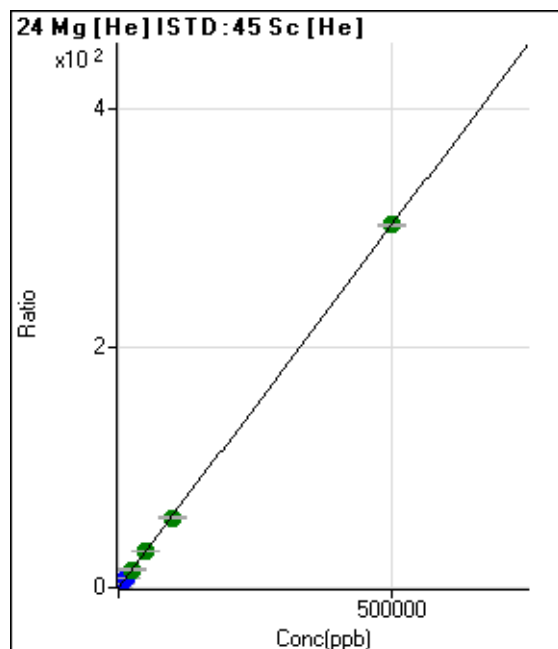
$$R = 1.0000$$

$$DL = 2.683$$

$$BEC = 39.42$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 291.68      | 0.0006   | P    | 17.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 456.121    | 130394.27   | 0.2762   | P    | 1.0  |
| 4 | <input type="checkbox"/> | 5000.000  | 5042.360   | 1395621.32  | 3.0473   | P    | 0.6  |
| 5 | <input type="checkbox"/> | 12500.000 | 12673.598  | 3402144.00  | 7.6581   | P    | 0.1  |
| 6 | <input type="checkbox"/> | 25000.000 | 25162.472  | 6507554.92  | 15.2040  | A    | 1.1  |
| 7 | <input type="checkbox"/> | 50000.000 | 49433.493  | 12929925.64 | 29.8688  | A    | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 96851.788  | 25658300.05 | 58.5194  | A    | 0.8  |
| 9 | <input type="checkbox"/> | 500000.00 | 500673.45  | 142711101.8 | 302.5122 | A    | 0.7  |

$$y = 6.0421\text{E-}004 * x + 6.2848\text{E-}004$$

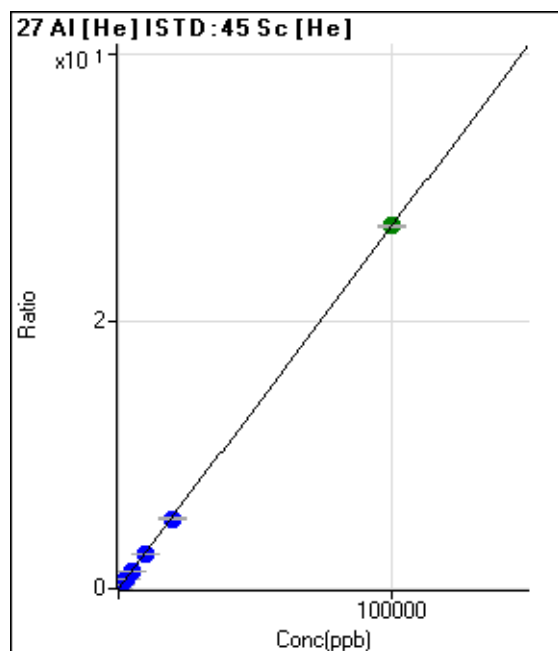
$$R = 1.0000$$

$$DL = 0.5443$$

$$BEC = 1.04$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 113.89      | 0.0002  | P    | 36.2 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.638     | 2369.74     | 0.0050  | P    | 2.4  |
| 4 | <input type="checkbox"/> | 1000.000  | 984.641    | 122173.70   | 0.2667  | P    | 0.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2464.068   | 296387.11   | 0.6672  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4909.049   | 568798.34   | 1.3289  | P    | 0.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 9734.276   | 1140655.65  | 2.6349  | P    | 0.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19366.690  | 2298422.21  | 5.2420  | P    | 0.6  |
| 9 | <input type="checkbox"/> | 100000.00 | 100158.83  | 12788848.55 | 27.1092 | A    | 0.3  |

$$y = 2.7066\text{E-}004 * x + 2.4545\text{E-}004$$

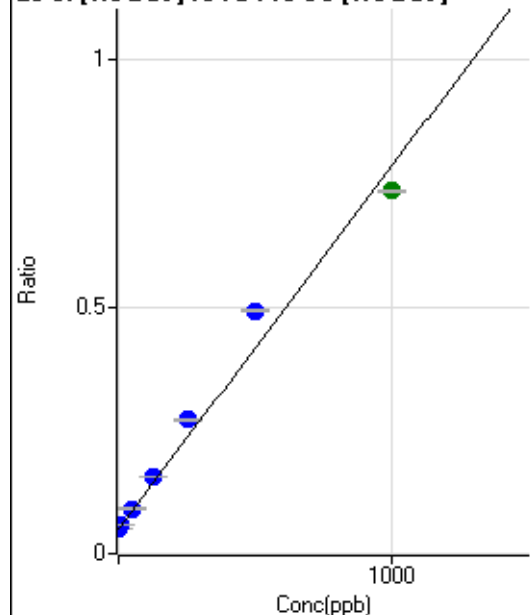
$$R = 1.0000$$

$$DL = 0.984$$

$$BEC = 0.9069$$

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      | 337727.20  | 0.0496 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 12.779     | 413642.35  | 0.0590 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 56.845     | 641371.56  | 0.0914 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 146.293    | 1089865.39 | 0.1571 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 301.688    | 1831327.97 | 0.2714 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 602.466    | 3264509.71 | 0.4926 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 932.813    | 4936086.66 | 0.7355 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 963473.70  | 0.1395 | P    | 1.1 |

$$y = 7.3532\text{E-}004 * x + 0.0496$$

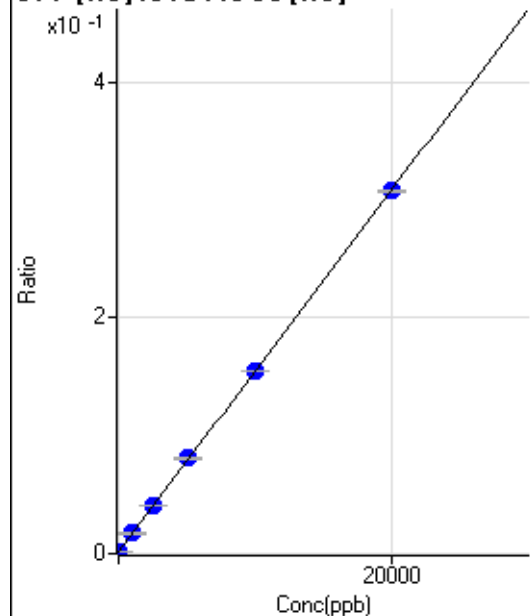
R = 0.9900

DL = 2.403

BEC = 67.41

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     | -1.276     | 705.60    | 0.0015 | P    | 18.1 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 1.276      | 736.16    | 0.0016 | P    | 8.0  |
| 4 | <input type="checkbox"/> | 1000.000  | 1032.264   | 7958.01   | 0.0174 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2585.661   | 18309.07  | 0.0412 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5175.927   | 34652.35  | 0.0810 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9968.343   | 66881.07  | 0.1545 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 20000.000 | 19959.526  | 134961.52 | 0.3078 | P    | 0.8  |
| 9 | <input type="checkbox"/> |           |            | 686.16    | 0.0015 | P    | 9.3  |

$$y = 1.5344\text{E-}005 * x + 0.0015$$

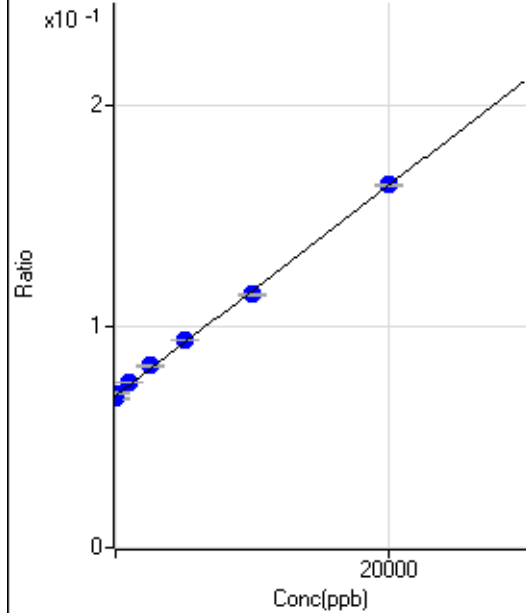
R = 1.0000

DL = 39.17

BEC = 100.4

Weight: &lt;None&gt;

Min Conc: 0

**34 S [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -262.843   | 459456.96  | 0.0674 | P   | 0.7 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | 262.843    | 490594.24  | 0.0699 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1328.277   | 526441.66  | 0.0750 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2846.924   | 570194.54  | 0.0822 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5312.091   | 633782.65  | 0.0939 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9619.876   | 758187.57  | 0.1144 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 20052.260  | 1100506.52 | 0.1640 | P   | 0.3 |
| 9 | <input type="checkbox"/> |           |            | 394091.75  | 0.0571 | P   | 0.8 |

$$y = 4.7523\text{E-}006 * x + 0.0687$$

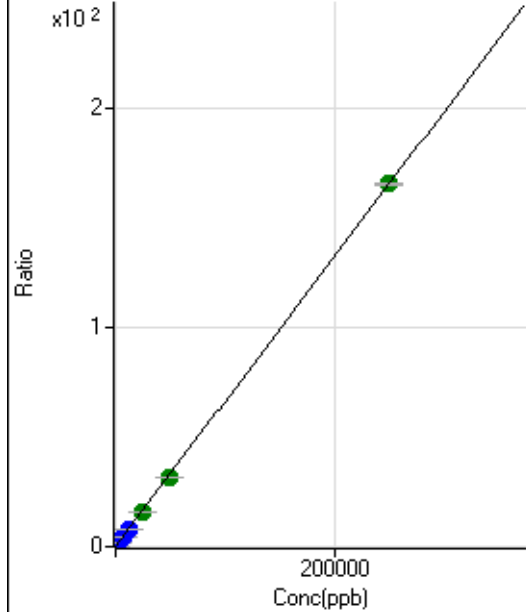
$$R = 0.9992$$

$$DL = 408.3$$

$$BEC = 1.445\text{E}+04$$

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      | 59358.22    | 0.1279   | P   | 2.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 467.053    | 205587.62   | 0.4355   | P   | 0.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2469.909   | 803599.42   | 1.7546   | P   | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6131.019   | 1850791.30  | 4.1659   | P   | 0.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12350.984  | 3536430.51  | 8.2625   | P   | 1.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 23918.709  | 6874899.11  | 15.8812  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 47741.368  | 13842710.90 | 31.5713  | A   | 0.8 |
| 9 | <input type="checkbox"/> | 250000.00 | 250570.64  | 77914485.07 | 165.1590 | A   | 0.6 |

$$y = 6.5862\text{E-}004 * x + 0.1279$$

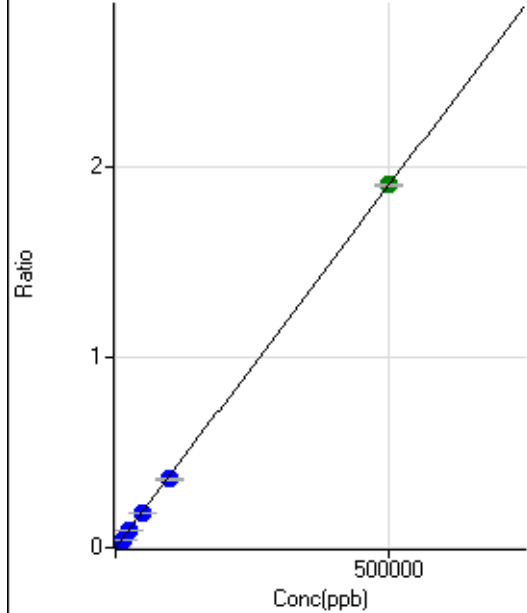
$$R = 1.0000$$

$$DL = 12.16$$

$$BEC = 194.2$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 252.79      | 0.0000 | P        | 23.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 500.000   | 436.232    | 11891.37    | 0.0017 | P        | 3.7  |
| 4 | <input type="checkbox"/> | 5000.000  | 4750.091   | 126982.89   | 0.0181 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 11793.783  | 311130.34   | 0.0449 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 23808.463  | 610799.61   | 0.0905 | P        | 0.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 46968.173  | 1183260.70  | 0.1785 | P        | 0.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 94533.809  | 2411477.88  | 0.3593 | P        | 0.5  |
| 9 | <input type="checkbox"/> | 500000.00 | 501476.21  | 13161611.58 | 1.9059 | A        | 0.5  |

$$y = 3.8005E-006 * x + 3.7108E-005$$

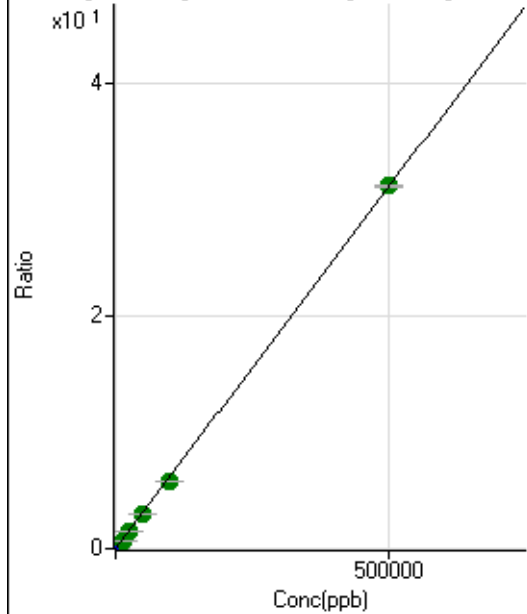
$$R = 0.9999$$

$$DL = 6.868$$

$$BEC = 9.764$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 12088.76    | 0.0018  | P        | 1.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |          |     |
| 3 | <input type="checkbox"/> | 500.000   | 434.949    | 202247.26   | 0.0288  | P        | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 4728.525   | 2077217.15  | 0.2959  | P        | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 11764.588  | 5087955.06  | 0.7336  | A        | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 23757.318  | 9983763.42  | 1.4796  | A        | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 46834.175  | 19319906.68 | 2.9151  | A        | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 93621.657  | 39097242.54 | 5.8255  | A        | 0.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 501675.55  | 215521165.9 | 31.2086 | A        | 0.2 |

$$y = 6.2205E-005 * x + 0.0018$$

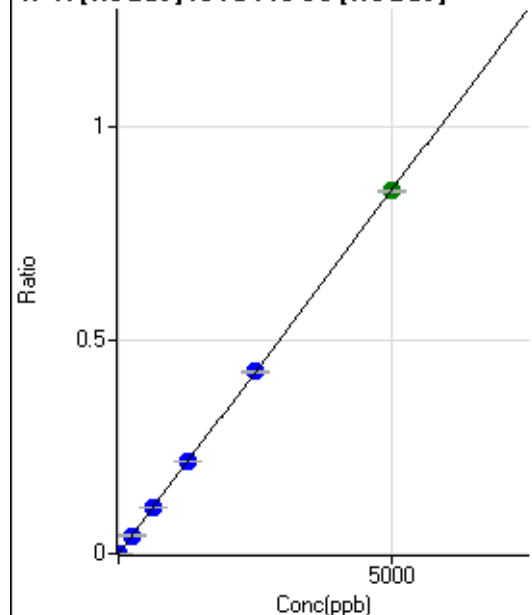
$$R = 0.9999$$

$$DL = 0.9878$$

$$BEC = 28.52$$

Weight: &lt;None&gt;

Min Conc: 0

**47 Ti [NoGas] ISTD : 45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89      | 0.0000 | P        | 29.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.904      | 5943.10    | 0.0008 | P        | 6.2  |
| 4 | <input type="checkbox"/> | 250.000  | 250.015    | 298642.78  | 0.0425 | P        | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 624.503    | 736921.64  | 0.1063 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1263.138   | 1450012.01 | 0.2149 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.779   | 2824068.49 | 0.4261 | P        | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4994.387   | 5702240.10 | 0.8496 | A        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3164.35    | 0.0005 | P        | 1.2  |

$$y = 1.7012E-004 * x + 1.3036E-005$$

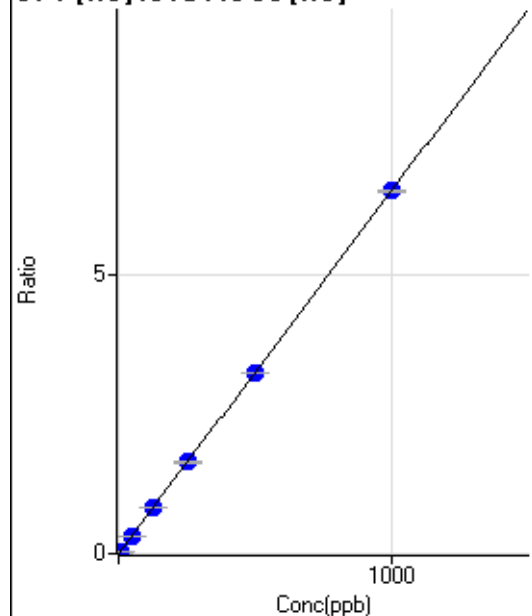
$$R = 1.0000$$

$$DL = 0.0686$$

$$BEC = 0.07663$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.00      | 0.0000 | P        | 33.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.585      | 14095.81   | 0.0299 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.992     | 148933.82  | 0.3252 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.677    | 360248.58  | 0.8109 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.867    | 701163.49  | 1.6381 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 499.271    | 1405671.35 | 3.2472 | P        | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.940    | 2851464.47 | 6.5034 | P        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1407.87    | 0.0030 | P        | 4.8  |

$$y = 0.0065 * x + 4.3108E-005$$

$$R = 1.0000$$

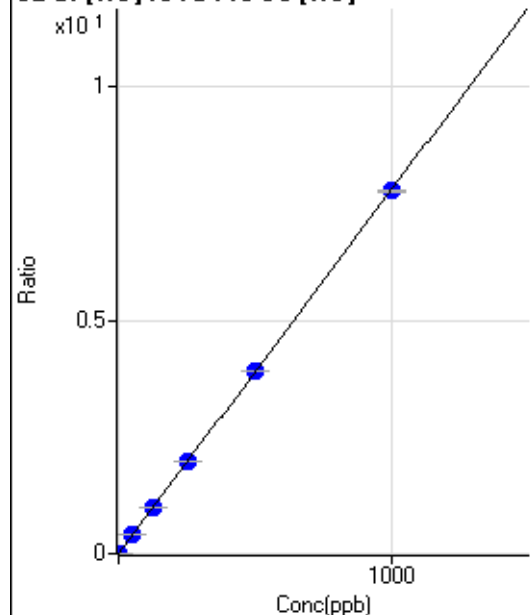
$$DL = 0.006673$$

$$BEC = 0.006628$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 607.80     | 0.0013 | P        | 4.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.021      | 8051.21    | 0.0171 | P        | 4.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.801     | 181872.62  | 0.3971 | P        | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 126.722    | 439199.58  | 0.9886 | P        | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 254.936    | 850753.26  | 1.9876 | P        | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 503.497    | 1698748.62 | 3.9242 | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.762    | 3405666.06 | 7.7673 | P        | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 99312.65   | 0.2105 | P        | 0.4 |

$$y = 0.0078 * x + 0.0013$$

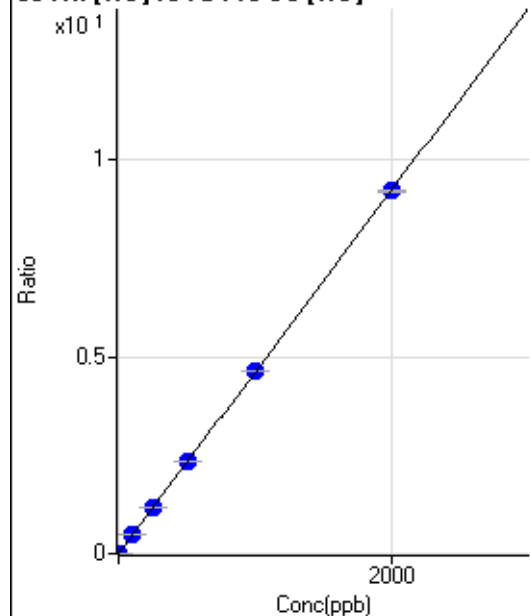
$$R = 1.0000$$

$$DL = 0.02085$$

$$BEC = 0.1681$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 166.67     | 0.0004 | P        | 12.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.004      | 2353.57    | 0.0050 | P        | 3.4  |
| 4 | <input type="checkbox"/> | 100.000  | 101.830    | 215182.53  | 0.4698 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 251.951    | 516192.73  | 1.1619 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 507.654    | 1001952.17 | 2.3408 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.699   | 2001310.18 | 4.6231 | P        | 0.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1996.401   | 4035771.68 | 9.2044 | P        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 16311.49   | 0.0346 | P        | 1.7  |

$$y = 0.0046 * x + 3.5906E-004$$

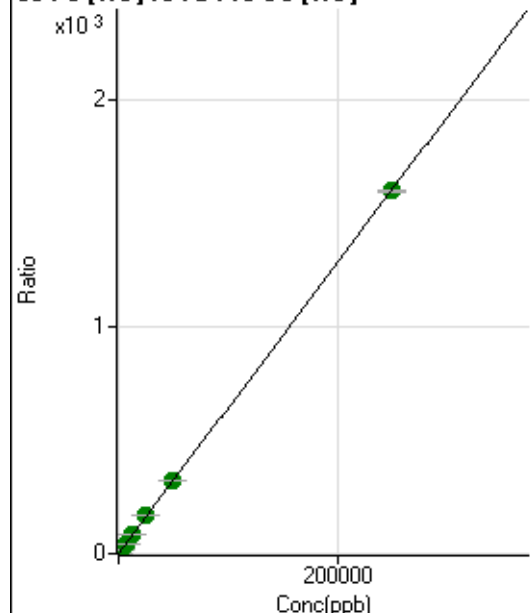
$$R = 1.0000$$

$$DL = 0.02822$$

$$BEC = 0.07788$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 8895.51     | 0.0192    | P        | 2.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |          |     |
| 3 | <input type="checkbox"/> | 50.000    | 48.010     | 154355.82   | 0.3270    | P        | 1.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2613.794   | 7683353.36  | 16.7762   | A        | 0.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6551.023   | 18666283.75 | 42.0179   | A        | 0.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 13132.356  | 36044468.17 | 84.2109   | A        | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25910.589  | 71916704.39 | 166.1323  | A        | 0.5 |
| 8 | <input type="checkbox"/> | 50000.000 | 50733.828  | 142619285.6 | 325.2744  | A        | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 249721.89  | 755277039.1 | 1,600.989 | A        | 0.6 |

$$y = 0.0064 * x + 0.0192$$

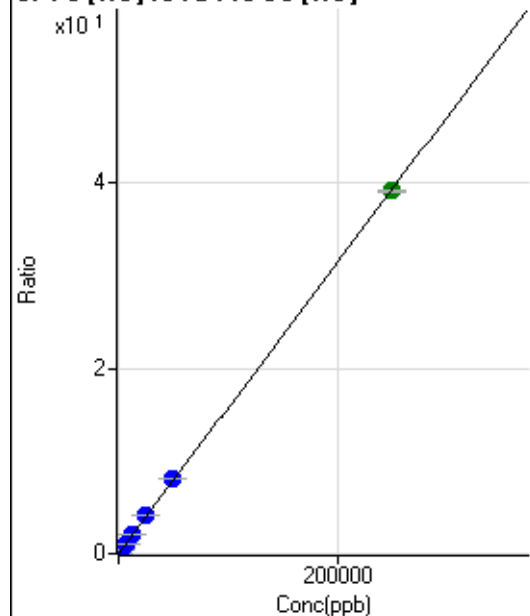
$$R = 1.0000$$

$$DL = 0.2048$$

$$BEC = 2.989$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 659.29      | 0.0014  | P        | 7.0 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |          |     |
| 3 | <input type="checkbox"/> | 50.000    | 50.013     | 4369.28     | 0.0093  | P        | 3.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2609.785   | 187929.65   | 0.4103  | P        | 0.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 6524.447   | 454763.74   | 1.0237  | P        | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 13144.227  | 882131.90   | 2.0609  | P        | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25988.725  | 1763381.74  | 4.0735  | P        | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 51452.025  | 3535411.63  | 8.0632  | P        | 0.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 249570.55  | 18448200.41 | 39.1056 | A        | 0.5 |

$$y = 1.5669E-004 * x + 0.0014$$

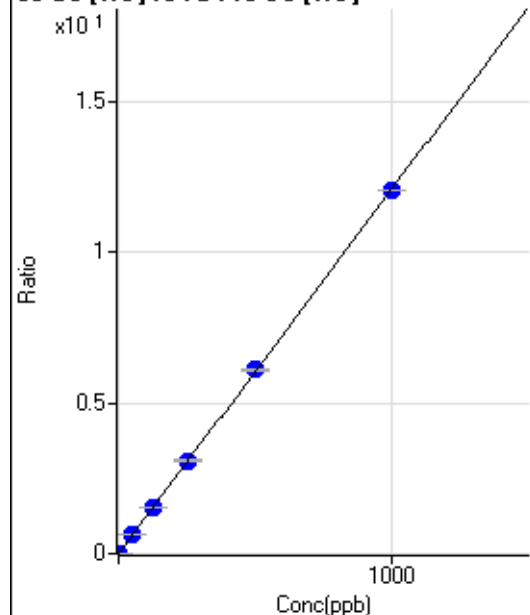
$$R = 1.0000$$

$$DL = 1.909$$

$$BEC = 9.066$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 295.57     | 0.0006  | P   | 21.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.934      | 5630.05    | 0.0119  | P   | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.299     | 284354.49  | 0.6209  | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 127.321    | 684147.05  | 1.5400  | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 255.556    | 1322774.35 | 3.0905  | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 504.353    | 2640056.98 | 6.0986  | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.080    | 5280831.76 | 12.0440 | P   | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 66936.22   | 0.1419  | P   | 0.9  |

$$y = 0.0121 * x + 6.3679E-004$$

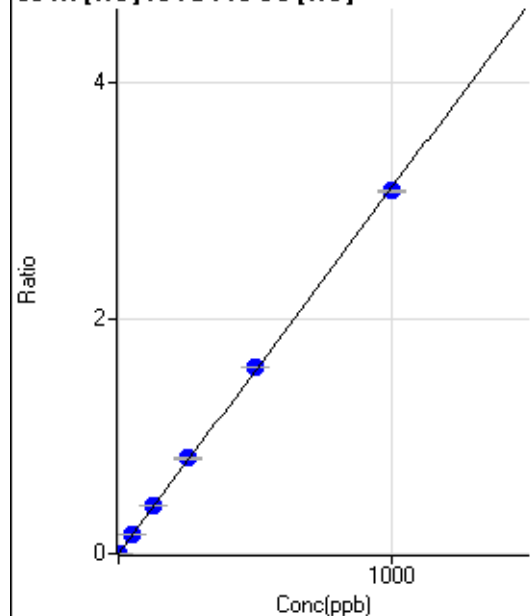
$$R = 1.0000$$

$$DL = 0.03312$$

$$BEC = 0.05267$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 67.78      | 0.0001 | P   | 58.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.008      | 1547.89    | 0.0033 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 52.625     | 74934.69   | 0.1636 | P   | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 130.669    | 180398.61  | 0.4061 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 261.123    | 347270.91  | 0.8114 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 508.624    | 684076.09  | 1.5802 | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.067    | 1351384.12 | 3.0821 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 36353.01   | 0.0771 | P   | 0.6  |

$$y = 0.0031 * x + 1.4594E-004$$

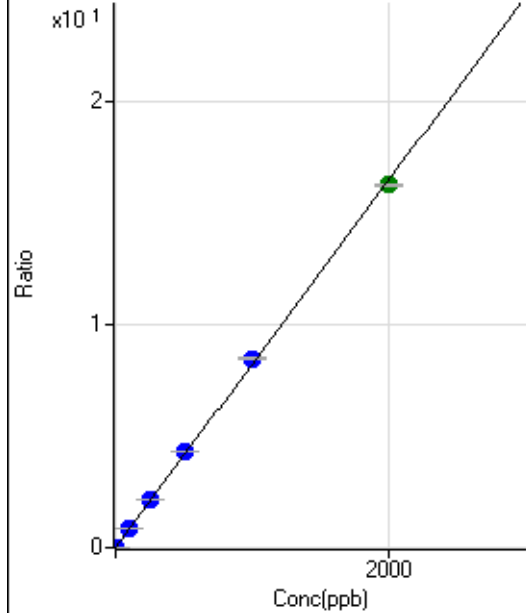
$$R = 0.9999$$

$$DL = 0.08189$$

$$BEC = 0.04698$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1307.86    | 0.0028  | P    | 4.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.859      | 8551.52    | 0.0181  | P    | 1.0 |
| 4 | <input type="checkbox"/> | 100.000  | 104.864    | 396537.77  | 0.8658  | P    | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 262.481    | 960900.31  | 2.1630  | P    | 0.2 |
| 6 | <input type="checkbox"/> | 500.000  | 525.327    | 1851626.31 | 4.3261  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1030.680   | 3673094.60 | 8.4851  | P    | 0.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1976.525   | 7133390.24 | 16.2692 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 9614.39    | 0.0204  | P    | 1.7 |

$$y = 0.0082 * x + 0.0028$$

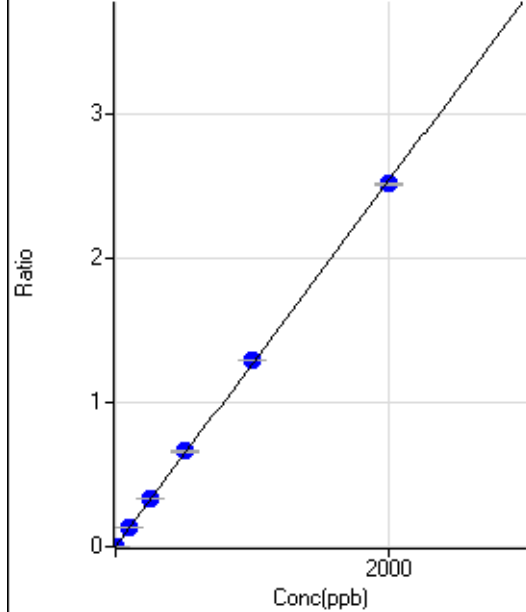
$$R = 0.9997$$

$$DL = 0.05054$$

$$BEC = 0.3424$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 373.34     | 0.0008 | P    | 4.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.750      | 1424.53    | 0.0030 | P    | 8.1 |
| 4 | <input type="checkbox"/> | 100.000  | 105.169    | 61326.01   | 0.1339 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 260.304    | 146699.13  | 0.3302 | P    | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 520.238    | 282131.51  | 0.6592 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1017.728   | 557880.25  | 1.2887 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1984.530   | 1101511.52 | 2.5122 | P    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 6155.82    | 0.0130 | P    | 3.6 |

$$y = 0.0013 * x + 8.0437E-004$$

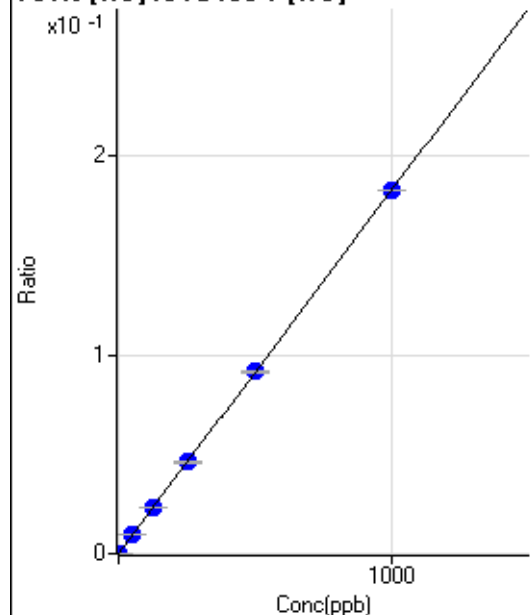
$$R = 0.9999$$

$$DL = 0.09115$$

$$BEC = 0.6356$$

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      | 10.49     | 0.0000 | P        | 44.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.971      | 439.52    | 0.0002 | P        | 5.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.690     | 22051.34  | 0.0093 | P        | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.421    | 53464.45  | 0.0231 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.360    | 103998.52 | 0.0463 | P        | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 500.344    | 208977.52 | 0.0915 | P        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.776    | 421266.64 | 0.1826 | P        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 734.60    | 0.0003 | P        | 4.3  |

$$y = 1.8285E-004 * x + 4.4123E-006$$

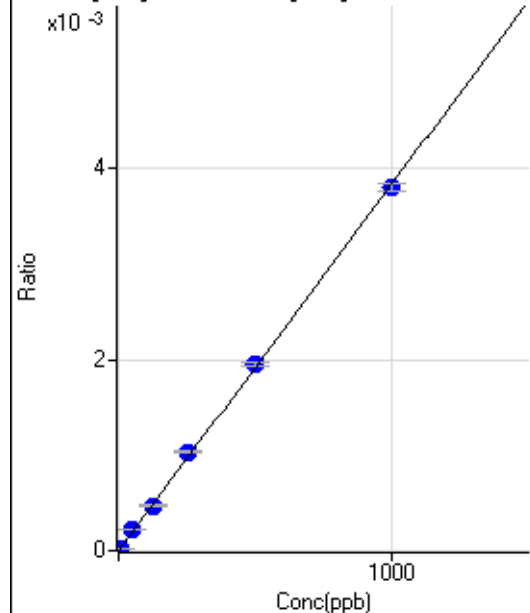
$$R = 1.0000$$

$$DL = 0.03243$$

$$BEC = 0.02413$$

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    | 4.684      | 43.33   | 0.0000 | P        | 20.9 |
| 4 | <input type="checkbox"/> | 50.000   | 56.579     | 515.58  | 0.0002 | P        | 2.9  |
| 5 | <input type="checkbox"/> | 125.000  | 120.920    | 1071.17 | 0.0005 | P        | 4.2  |
| 6 | <input type="checkbox"/> | 250.000  | 269.753    | 2320.23 | 0.0010 | P        | 2.9  |
| 7 | <input type="checkbox"/> | 500.000  | 509.241    | 4457.43 | 0.0020 | P        | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.624    | 8756.10 | 0.0038 | P        | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 5.55    | 0.0000 | P        | 69.2 |

$$y = 3.8320E-006 * x + 0.0000E+000$$

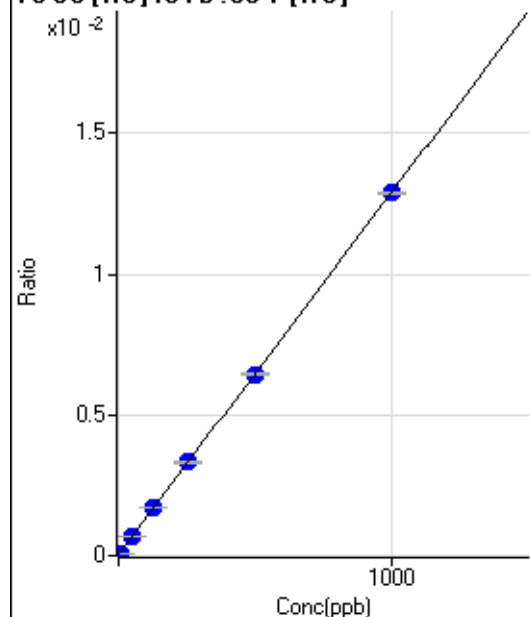
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

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      | 104.94   | 0.0000 | P   | 9.6  |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.303      | 240.13   | 0.0001 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.669     | 1654.43  | 0.0007 | P   | 3.3  |
| 5 | <input type="checkbox"/> | 125.000  | 129.276    | 3946.25  | 0.0017 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 254.896    | 7456.29  | 0.0033 | P   | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 498.306    | 14737.80 | 0.0065 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.059    | 29736.61 | 0.0129 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 133.95   | 0.0001 | P   | 19.6 |

$$y = 1.2860\text{E-}005 * x + 4.4053\text{E-}005$$

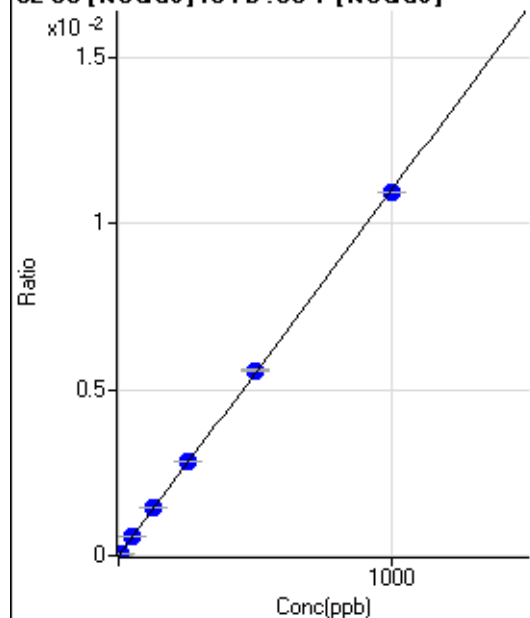
$$R = 1.0000$$

$$DL = 0.9881$$

$$BEC = 3.426$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [NoGas] ISTD:89 Y [NoGas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|-----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -20.29    | 0.0000 | P   | -318. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.935      | 630.69    | 0.0001 | P   | 8.3   |
| 4 | <input type="checkbox"/> | 50.000   | 51.551     | 6834.14   | 0.0006 | P   | 1.9   |
| 5 | <input type="checkbox"/> | 125.000  | 132.094    | 17406.77  | 0.0015 | P   | 0.2   |
| 6 | <input type="checkbox"/> | 250.000  | 258.886    | 33702.85  | 0.0028 | P   | 0.4   |
| 7 | <input type="checkbox"/> | 500.000  | 507.151    | 65028.37  | 0.0056 | P   | 0.9   |
| 8 | <input type="checkbox"/> | 1000.000 | 993.239    | 130156.81 | 0.0109 | P   | 0.1   |
| 9 | <input type="checkbox"/> |          |            | 167.25    | 0.0000 | P   | 46.8  |

$$y = 1.0991\text{E-}005 * x - 1.7117\text{E-}006$$

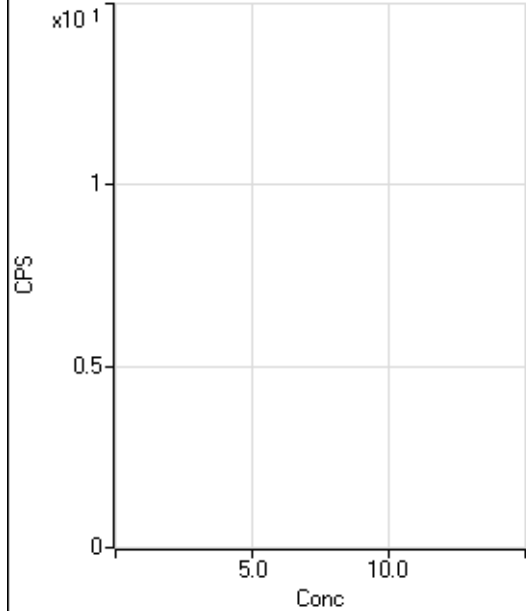
$$R = 0.9999$$

$$DL = 1.488$$

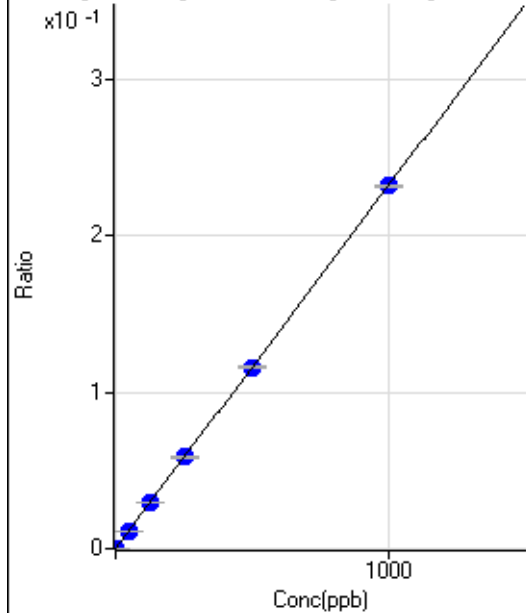
$$BEC = -0.1557$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 587.80 |       | P        | 8.7  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 561.13 |       | P        | 5.1  |
| 4 | <input type="checkbox"/> |       |            | 567.80 |       | P        | 3.0  |
| 5 | <input type="checkbox"/> |       |            | 531.13 |       | P        | 1.9  |
| 6 | <input type="checkbox"/> |       |            | 558.91 |       | P        | 8.7  |
| 7 | <input type="checkbox"/> |       |            | 536.69 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 567.80 |       | P        | 5.9  |
| 9 | <input type="checkbox"/> |       |            | 575.58 |       | P        | 12.8 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 880.62     | 0.0001 | P        | 1.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.988      | 3642.30    | 0.0003 | P        | 5.0 |
| 4 | <input type="checkbox"/> | 50.000   | 49.760     | 140371.57  | 0.0116 | P        | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 125.114    | 348803.85  | 0.0291 | P        | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 252.142    | 693162.99  | 0.0585 | P        | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 500.331    | 1353516.00 | 0.1160 | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.297    | 2761457.90 | 0.2316 | P        | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 95228.56   | 0.0081 | P        | 1.6 |

$$y = 2.3167\text{E-}004 * x + 7.4552\text{E-}005$$

$$R = 1.0000$$

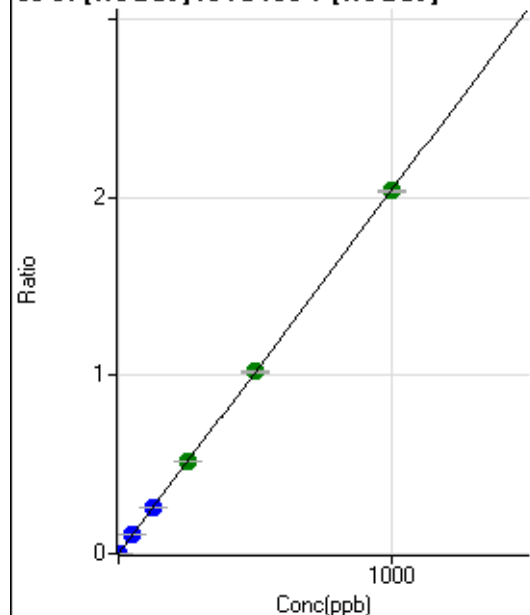
$$DL = 0.009375$$

$$BEC = 0.3218$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 152.79      | 0.0000 | P        | 46.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.950      | 23461.65    | 0.0020 | P        | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.593     | 1249767.36  | 0.1033 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.055    | 3113561.76  | 0.2594 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 252.441    | 6107980.00  | 0.5154 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 500.956    | 11934781.86 | 1.0227 | A        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.625    | 24310528.67 | 2.0387 | A        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 835124.23   | 0.0708 | P        | 0.6  |

$$y = 0.0020 * x + 1.2934E-005$$

$$R = 1.0000$$

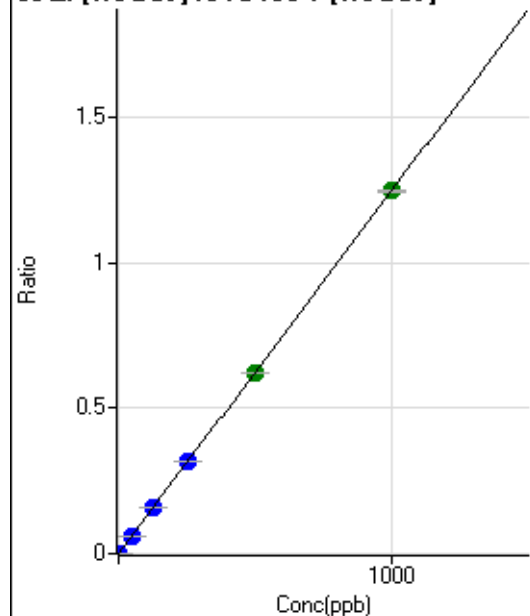
$$DL = 0.008806$$

$$BEC = 0.006335$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 808.39      | 0.0001 | P        | 2.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.983      | 15567.42    | 0.0013 | P        | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.847     | 753957.49   | 0.0623 | P        | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 125.018    | 1874734.35  | 0.1562 | P        | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 255.356    | 3780025.30  | 0.3190 | P        | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 497.490    | 7250573.08  | 0.6213 | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.922    | 14890233.49 | 1.2487 | A        | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 3689.53     | 0.0003 | P        | 8.2 |

$$y = 0.0012 * x + 6.8439E-005$$

$$R = 1.0000$$

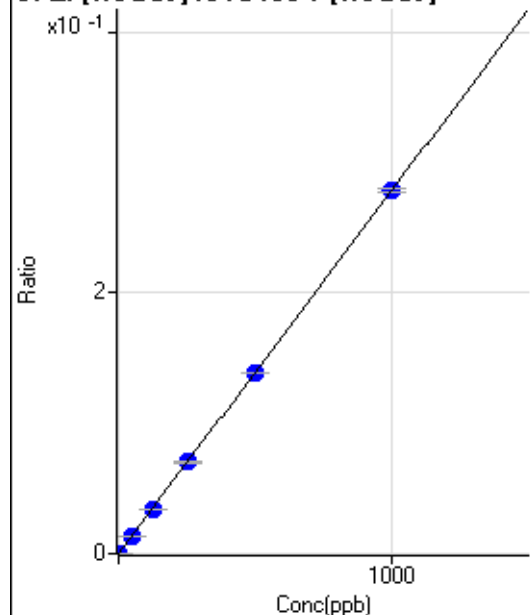
$$DL = 0.004655$$

$$BEC = 0.0548$$

Weight: &lt;None&gt;

Min Conc: 0



**91 Zr [NoGas] ISTD:89 Y [NoGas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 186.12     | 0.0000 | P    | 16.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.003      | 3542.26    | 0.0003 | P    | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.692     | 167547.86  | 0.0138 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.984    | 414459.63  | 0.0345 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.931    | 831328.33  | 0.0701 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.353    | 1622313.23 | 0.1390 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.983    | 3319455.35 | 0.2784 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 783.40     | 0.0001 | P    | 1.5  |

$$y = 2.7837\text{E-}004 * x + 1.5753\text{E-}005$$

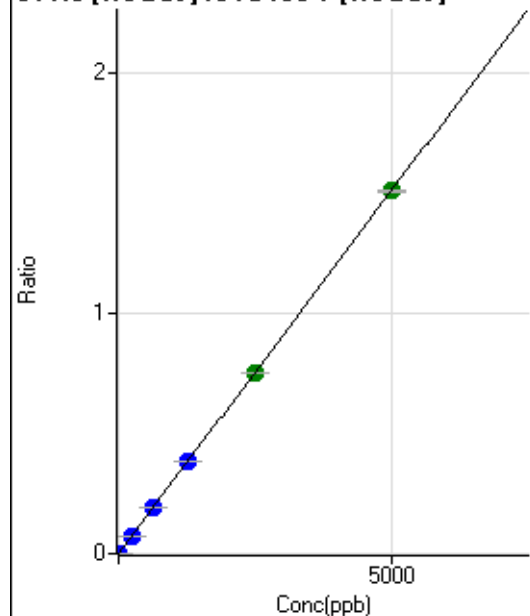
$$R = 1.0000$$

$$DL = 0.02849$$

$$BEC = 0.05659$$

Weight: &lt;None&gt;

Min Conc: 0

**94 Mo [NoGas] ISTD:89 Y [NoGas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 308.35      | 0.0000 | P    | 15.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.704      | 17397.42    | 0.0014 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 248.701    | 910231.91   | 0.0752 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 628.496    | 2281629.37  | 0.1901 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1276.961   | 4576918.11  | 0.3862 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2493.226   | 8798867.90  | 0.7540 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.275   | 18017087.56 | 1.5110 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 18991.07    | 0.0016 | P    | 0.8  |

$$y = 3.0241\text{E-}004 * x + 2.6109\text{E-}005$$

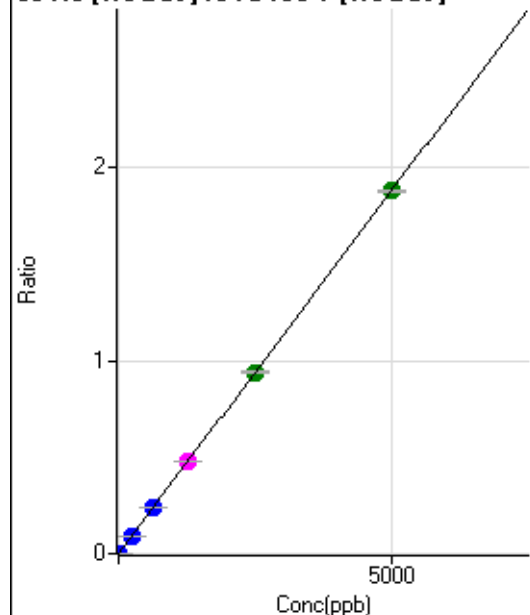
$$R = 1.0000$$

$$DL = 0.03945$$

$$BEC = 0.08634$$

Weight: &lt;None&gt;

Min Conc: 0

**95 Mo [NoGas] ISTD : 89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78       | 0.0000 | P        | 12.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.679      | 21194.32    | 0.0018 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 250.000  | 248.580    | 1130053.78  | 0.0934 | P        | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 625.236    | 2819787.15  | 0.2349 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1263.475   | 5626156.81  | 0.4747 | M        | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2496.213   | 10944901.29 | 0.9379 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.566   | 22395049.28 | 1.8781 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 30992.93    | 0.0026 | P        | 1.1  |

$$y = 3.7573\text{E-}004 * x + 6.5854\text{E-}006$$

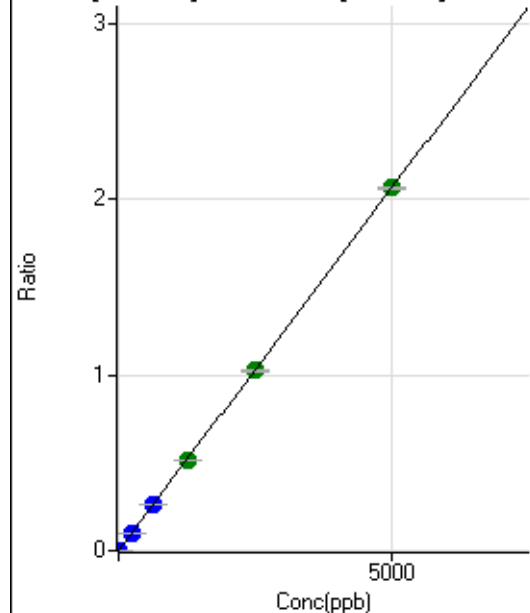
$$R = 1.0000$$

$$DL = 0.006539$$

$$BEC = 0.01753$$

Weight: &lt;None&gt;

Min Conc: 0

**96 Mo [NoGas] ISTD : 89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 158.34      | 0.0000 | P        | 19.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.696      | 23414.53    | 0.0019 | P        | 3.7  |
| 4 | <input type="checkbox"/> | 250.000  | 248.969    | 1242286.89  | 0.1027 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 625.000  | 628.201    | 3109572.19  | 0.2591 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1252.470   | 6121237.90  | 0.5165 | A        | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2485.877   | 11962631.69 | 1.0251 | A        | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 5006.096   | 24616568.26 | 2.0644 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 35840.40    | 0.0030 | P        | 2.4  |

$$y = 4.1237\text{E-}004 * x + 1.3409\text{E-}005$$

$$R = 1.0000$$

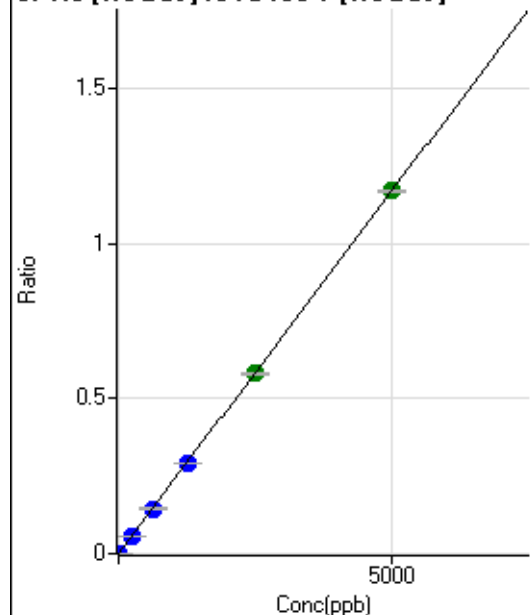
$$DL = 0.01872$$

$$BEC = 0.03252$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89       | 0.0000 | P   | 30.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.767      | 13440.21    | 0.0011 | P   | 3.4  |
| 4 | <input type="checkbox"/> | 250.000  | 246.713    | 697463.99   | 0.0576 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 622.278    | 1745216.42  | 0.1454 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1249.142   | 3459001.77  | 0.2919 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2487.085   | 6781119.34  | 0.5811 | A   | 0.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 5007.177   | 13950361.60 | 1.1699 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 19425.00    | 0.0016 | P   | 2.3  |

$$y = 2.3365E-004 * x + 5.4096E-006$$

$$R = 1.0000$$

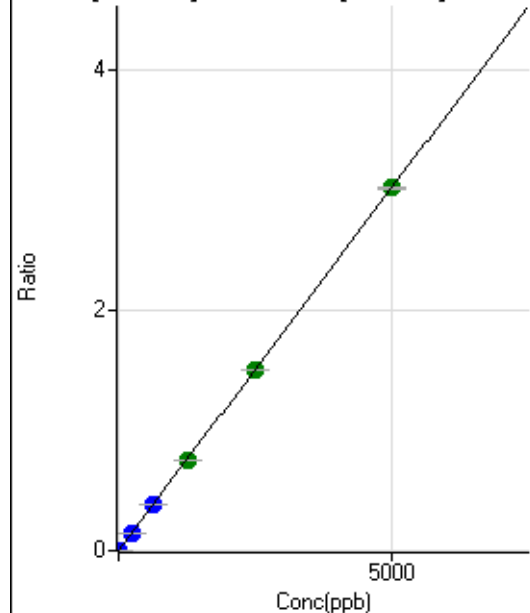
$$DL = 0.02096$$

$$BEC = 0.02315$$

Weight: &lt;None&gt;

Min Conc: 0

98 Mo [NoGas] ISTD : 89 Y [NoGas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 133.34      | 0.0000 | P   | 21.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.622      | 33593.30    | 0.0028 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 248.786    | 1813860.70  | 0.1499 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 628.881    | 4548682.18  | 0.3790 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.723   | 8896464.52  | 0.7507 | A   | 0.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2496.531   | 17555562.37 | 1.5044 | A   | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5002.380   | 35944362.61 | 3.0144 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 48291.27    | 0.0041 | P   | 0.2  |

$$y = 6.0259E-004 * x + 1.1291E-005$$

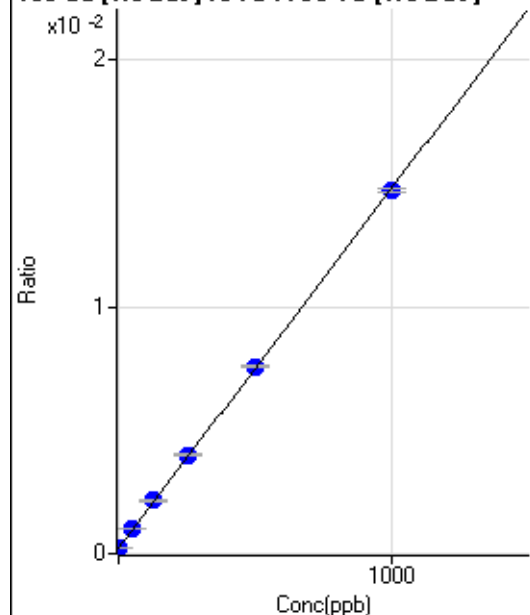
$$R = 1.0000$$

$$DL = 0.01223$$

$$BEC = 0.01874$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3492.26   | 0.0002 | P   | 2.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 2.236      | 4036.87   | 0.0003 | P   | 5.9 |
| 4 | <input type="checkbox"/> | 50.000   | 53.830     | 16118.12  | 0.0010 | P   | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 132.831    | 34690.72  | 0.0022 | P   | 1.9 |
| 6 | <input type="checkbox"/> | 250.000  | 259.444    | 64006.58  | 0.0040 | P   | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.457    | 121584.69 | 0.0076 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.739    | 240043.18 | 0.0147 | P   | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 3539.48   | 0.0002 | P   | 2.9 |

$$y = 1.4577\text{E-}005 * x + 2.2221\text{E-}004$$

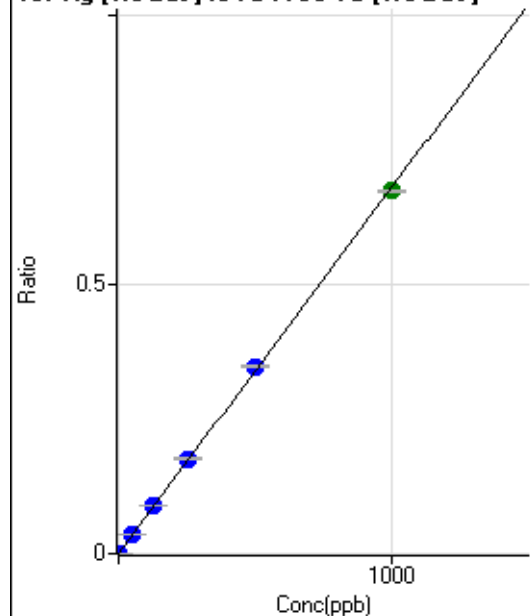
$$R = 0.9999$$

$$DL = 1.009$$

$$BEC = 15.24$$

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      | 111.12      | 0.0000 | P   | 17.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.007      | 10965.79    | 0.0007 | P   | 0.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.668     | 573404.66   | 0.0358 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 130.966    | 1431305.20  | 0.0891 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 259.557    | 2821222.03  | 0.1765 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 510.469    | 5560266.71  | 0.3471 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.497    | 11003404.32 | 0.6742 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1141.77     | 0.0001 | P   | 22.4 |

$$y = 6.7997\text{E-}004 * x + 7.0687\text{E-}006$$

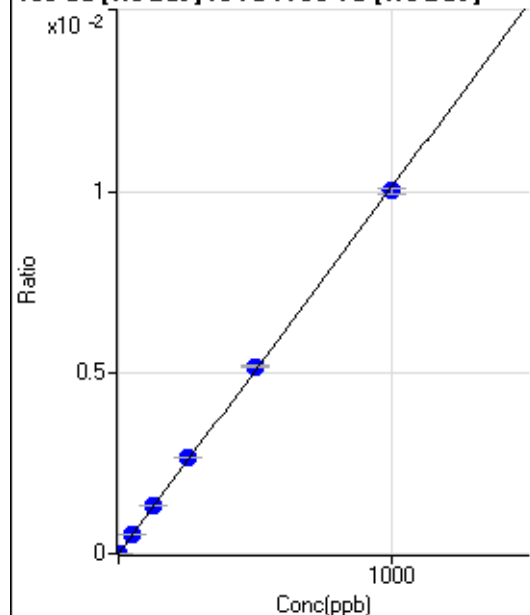
$$R = 0.9999$$

$$DL = 0.005344$$

$$BEC = 0.0104$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 12.50     | 0.0000 | P        | 33.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.875      | 152.78    | 0.0000 | P        | 22.9 |
| 4 | <input type="checkbox"/> | 50.000   | 51.815     | 8398.49   | 0.0005 | P        | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 132.305    | 21511.07  | 0.0013 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 262.815    | 42487.29  | 0.0027 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 510.901    | 82756.61  | 0.0052 | P        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.342    | 163423.44 | 0.0100 | P        | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 61.11     | 0.0000 | P        | 32.2 |

$$y = 1.0110E-005 * x + 7.9487E-007$$

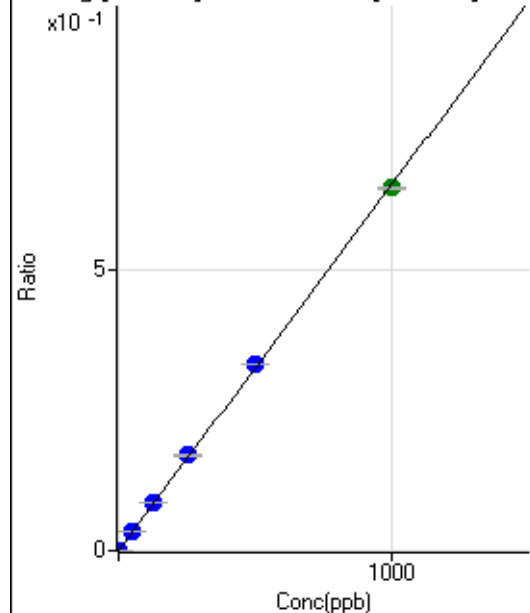
$$R = 0.9998$$

$$DL = 0.07815$$

$$BEC = 0.07862$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.90      | 0.0000 | P        | 8.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.007      | 10501.56    | 0.0007 | P        | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 52.924     | 551485.14   | 0.0345 | P        | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 130.734    | 1367476.31  | 0.0851 | P        | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 260.352    | 2708522.65  | 0.1694 | P        | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 509.046    | 5306809.88  | 0.3313 | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.026    | 10537179.23 | 0.6456 | A        | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 1008.41     | 0.0001 | P        | 5.9 |

$$y = 6.5080E-004 * x + 7.2482E-006$$

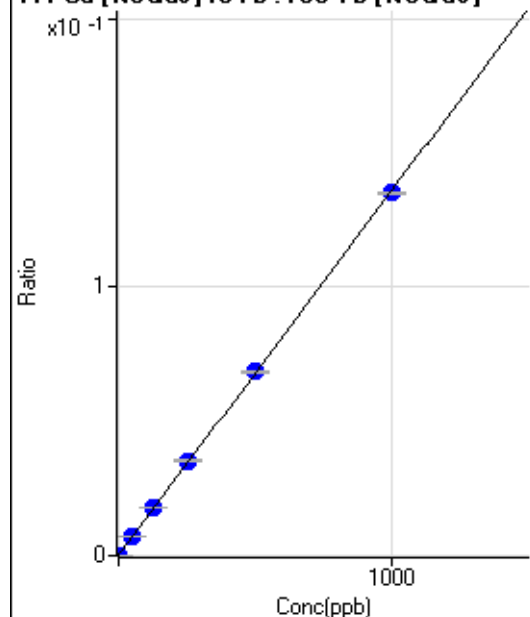
$$R = 0.9999$$

$$DL = 0.002927$$

$$BEC = 0.01114$$

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      | 1752.66    | 0.0001 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.081      | 4093.66    | 0.0003 | P    | 4.7 |
| 4 | <input type="checkbox"/> | 50.000   | 53.020     | 117070.26  | 0.0073 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 130.239    | 286091.82  | 0.0178 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 260.311    | 566971.56  | 0.0355 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 503.999    | 1098349.47 | 0.0686 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.617    | 2206711.16 | 0.1352 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 2117.25    | 0.0001 | P    | 3.7 |

$$y = 1.3583\text{E-}004 * x + 1.1152\text{E-}004$$

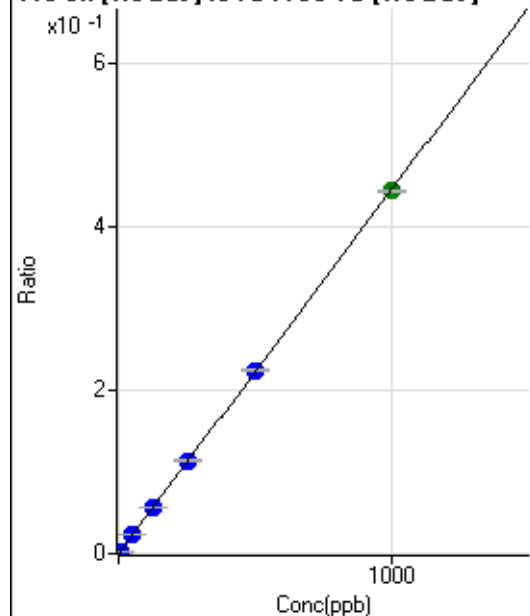
$$R = 0.9999$$

$$DL = 0.04726$$

$$BEC = 0.821$$

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      | 480.59     | 0.0000 | P    | 26.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.827      | 34546.31   | 0.0022 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 51.092     | 364746.28  | 0.0228 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.897    | 908771.25  | 0.0565 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 255.619    | 1820300.82 | 0.1139 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 502.983    | 3588772.95 | 0.2240 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.813    | 7246196.86 | 0.4440 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 18079.01   | 0.0011 | P    | 1.7  |

$$y = 4.4537\text{E-}004 * x + 3.0593\text{E-}005$$

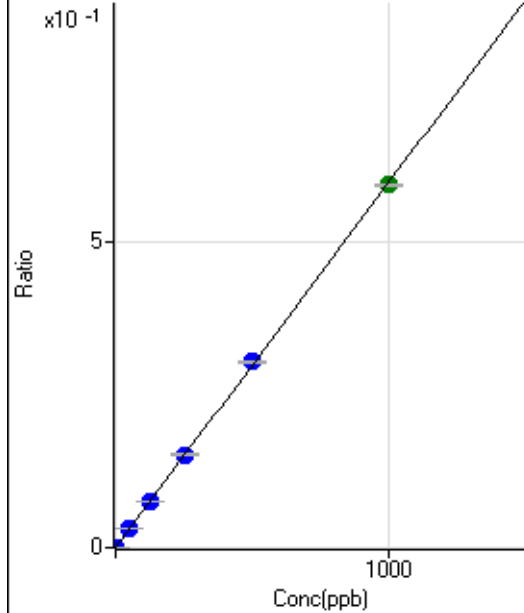
$$R = 1.0000$$

$$DL = 0.05366$$

$$BEC = 0.06869$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 250.01     | 0.0000 | P    | 37.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.908      | 18265.40   | 0.0012 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.740     | 484194.92  | 0.0302 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.117    | 1217450.90 | 0.0758 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 255.269    | 2431526.83 | 0.1521 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 508.503    | 4853381.62 | 0.3030 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.130    | 9667283.99 | 0.5923 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 16896.96   | 0.0011 | P    | 9.7  |

$$y = 5.9581\text{E-}004 * x + 1.5896\text{E-}005$$

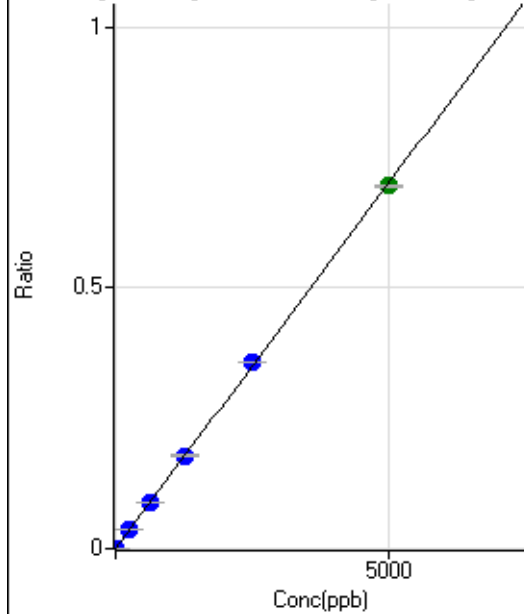
$$R = 0.9999$$

$$DL = 0.02991$$

$$BEC = 0.02668$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34       | 0.0000 | P    | 49.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.454      | 21038.87    | 0.0013 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 250.000  | 253.591    | 568693.64   | 0.0355 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 625.000  | 634.539    | 1428572.01  | 0.0889 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1276.581   | 2858632.59  | 0.1788 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2551.542   | 5725372.18  | 0.3574 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4966.213   | 11353886.45 | 0.6957 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 3425.61     | 0.0002 | P    | 3.6  |

$$y = 1.4008\text{E-}004 * x + 3.7103\text{E-}006$$

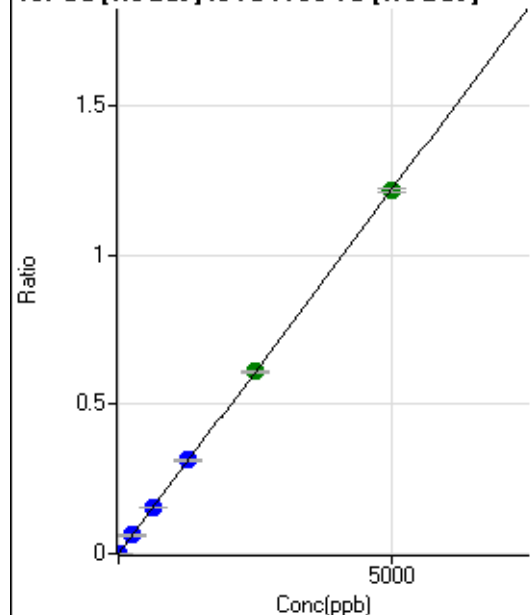
$$R = 0.9999$$

$$DL = 0.03921$$

$$BEC = 0.02649$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67       | 0.0000 | P        | 54.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.483      | 36716.15    | 0.0023 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 250.000  | 251.833    | 983388.06   | 0.0614 | P        | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 633.557    | 2483649.36  | 0.1545 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1285.714   | 5012944.47  | 0.3136 | P        | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2503.886   | 9783172.70  | 0.6107 | A        | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4987.968   | 19856465.55 | 1.2167 | A        | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 5854.25     | 0.0004 | P        | 5.5  |

$$y = 2.4392E-004 * x + 4.2390E-006$$

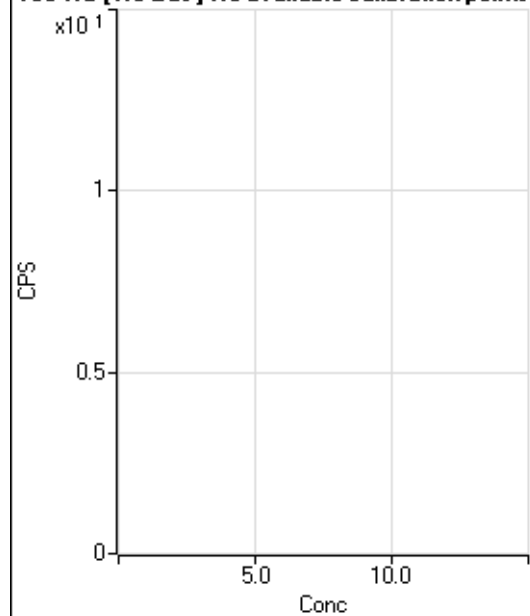
$$R = 1.0000$$

$$DL = 0.02831$$

$$BEC = 0.01738$$

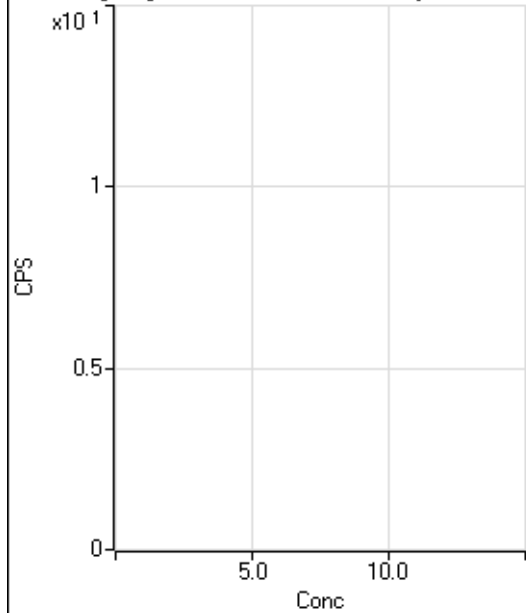
Weight: &lt;None&gt;

Min Conc: 0

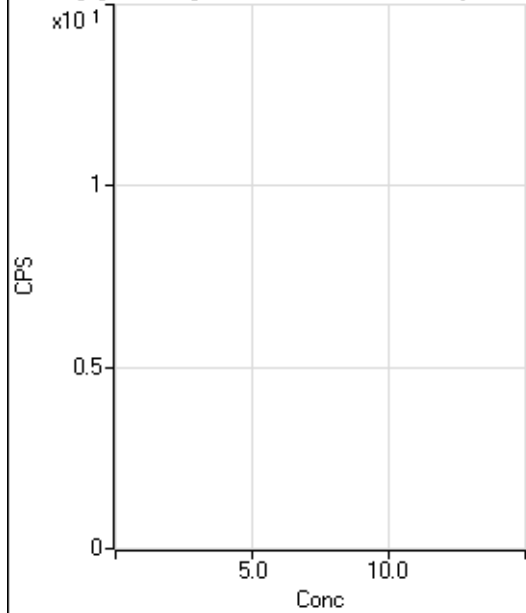
**150 Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 64.45  |       | P        | 15.8  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 13.5  |
| 5 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 13.1  |
| 6 | <input type="checkbox"/> |       |            | 193.34 |       | P        | 17.2  |
| 7 | <input type="checkbox"/> |       |            | 315.57 |       | P        | 30.8  |
| 8 | <input type="checkbox"/> |       |            | 557.81 |       | P        | 4.8   |
| 9 | <input type="checkbox"/> |       |            | 164.45 |       | P        | 20.0  |

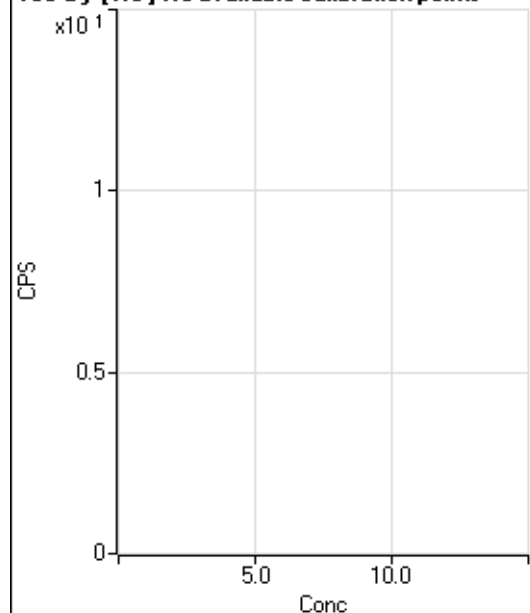


**150 Nd [He] No available calibration points**

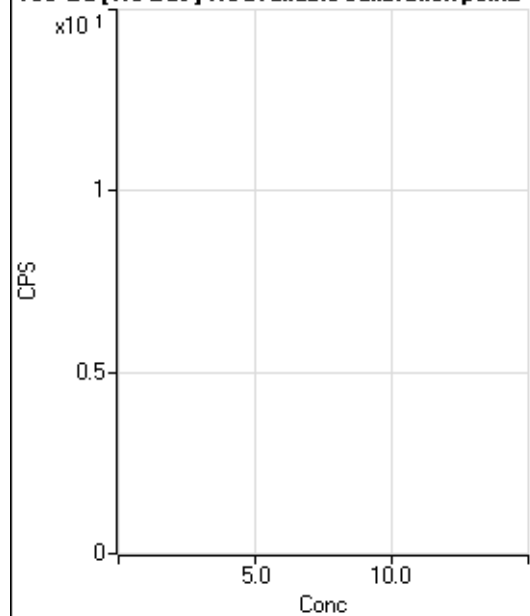
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 48.2 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 83.3 |
| 6 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 20.8 |
| 7 | <input type="checkbox"/> |       |            | 45.56 |       | P        | 11.2 |
| 8 | <input type="checkbox"/> |       |            | 86.67 |       | P        | 16.8 |
| 9 | <input type="checkbox"/> |       |            | 62.22 |       | P        | 24.2 |

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

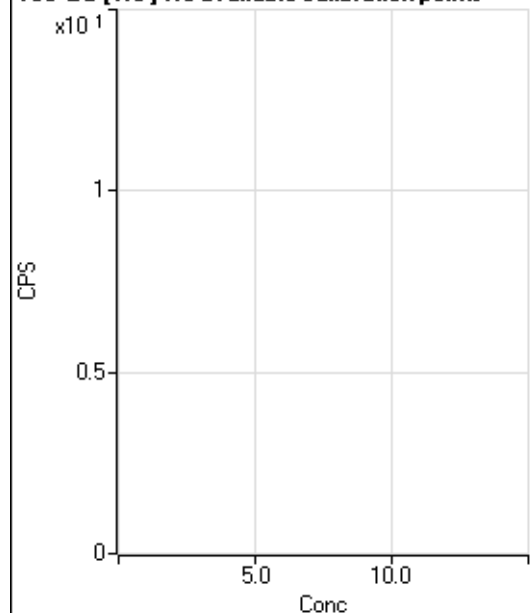
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 24.7 |
| 7 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 55.6 |
| 8 | <input type="checkbox"/> |       |            | 180.57 |       | P        | 38.4 |
| 9 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 20.4 |

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

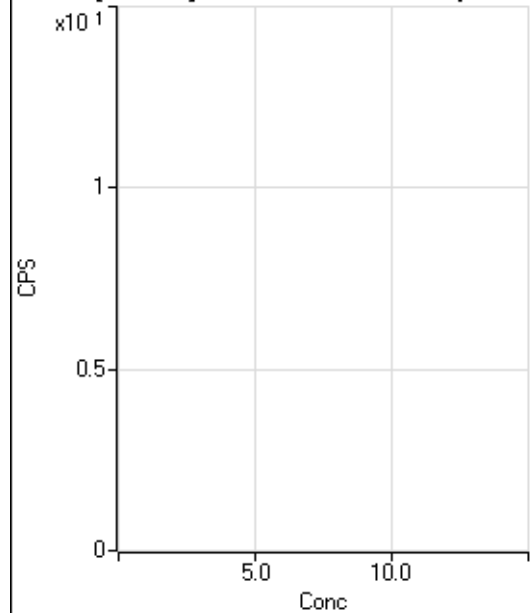
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 114.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 17.3  |
| 4 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 41.7  |
| 5 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 34.3  |
| 6 | <input type="checkbox"/> |       |            | 52.22  |       | P        | 9.7   |
| 7 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 13.4  |
| 8 | <input type="checkbox"/> |       |            | 143.34 |       | P        | 14.5  |
| 9 | <input type="checkbox"/> |       |            | 45.56  |       | P        | 18.4  |

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

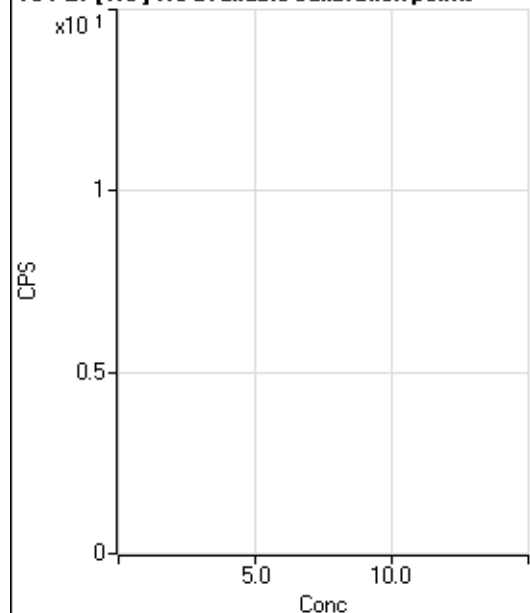
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 26.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 91.67  |       | P        | 9.1  |
| 4 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 30.0 |
| 5 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 16.9 |
| 6 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 19.8 |
| 7 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 4.2  |
| 8 | <input type="checkbox"/> |       |            | 136.12 |       | P        | 17.7 |
| 9 | <input type="checkbox"/> |       |            | 180.56 |       | P        | 25.4 |

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

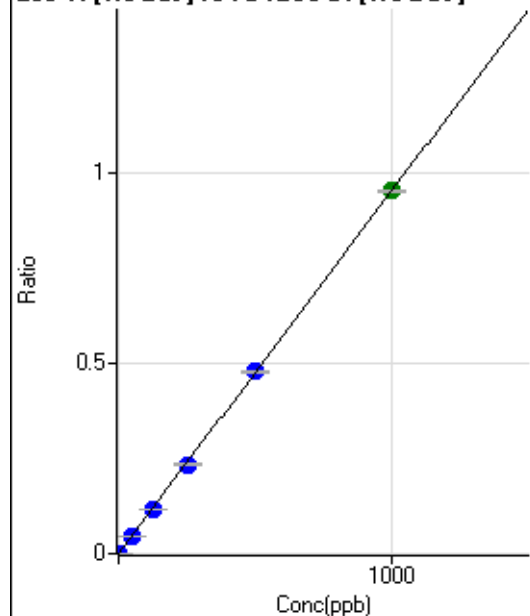
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 204.45 |       | P        | 18.9 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 198.89 |       | P        | 22.5 |
| 4 | <input type="checkbox"/> |       |            | 232.23 |       | P        | 10.4 |
| 5 | <input type="checkbox"/> |       |            | 224.45 |       | P        | 14.6 |
| 6 | <input type="checkbox"/> |       |            | 201.12 |       | P        | 12.9 |
| 7 | <input type="checkbox"/> |       |            | 196.67 |       | P        | 20.6 |
| 8 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 21.9 |
| 9 | <input type="checkbox"/> |       |            | 241.12 |       | P        | 7.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 9.1  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 19.5 |
| 4 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 21.7 |
| 5 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 57.3 |
| 6 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 62.0 |
| 7 | <input type="checkbox"/> |       |            | 91.67 |       | P        | 24.1 |
| 8 | <input type="checkbox"/> |       |            | 77.78 |       | P        | 34.4 |
| 9 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 42.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 12.4 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 35.55 |       | P        | 37.9 |
| 4 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 52.7 |
| 5 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 54.5 |
| 7 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 43.6 |
| 8 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 30.0 |
| 9 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 41.8 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 183.34     | 0.0000 | P        | 4.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 9075.71    | 0.0009 | P        | 3.2 |
| 4 | <input type="checkbox"/> | 50.000   | 48.794     | 477351.14  | 0.0465 | P        | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 121.115    | 1201590.98 | 0.1153 | P        | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 246.536    | 2410313.23 | 0.2347 | P        | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 501.536    | 4856201.24 | 0.4775 | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.644   | 9689675.13 | 0.9526 | A        | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 4756.61    | 0.0005 | P        | 8.8 |

$$y = 9.5196E-004 * x + 1.7887E-005$$

$$R = 1.0000$$

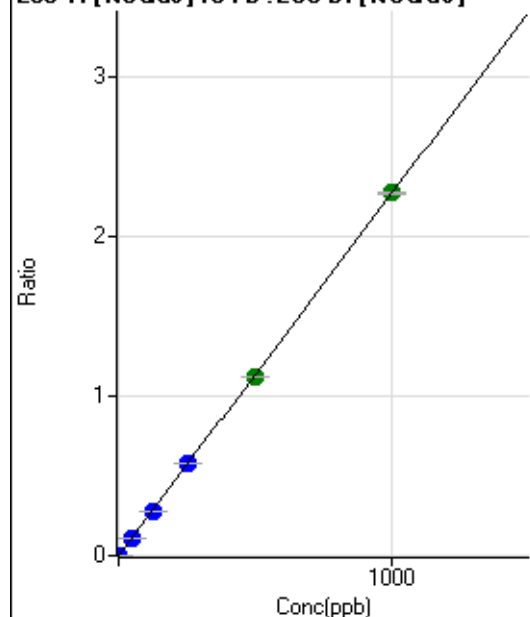
$$DL = 0.002402$$

$$BEC = 0.01879$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 430.58      | 0.0000 | P   | 14.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.915      | 21852.19    | 0.0021 | P   | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.093     | 1145150.16  | 0.1115 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 122.544    | 2898913.59  | 0.2782 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.463    | 5908703.00  | 0.5754 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 494.736    | 11422339.23 | 1.1230 | A   | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.119   | 23138568.75 | 2.2747 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 10949.40    | 0.0012 | P   | 3.4  |

$$y = 0.0023 * x + 4.2018E-005$$

$$R = 1.0000$$

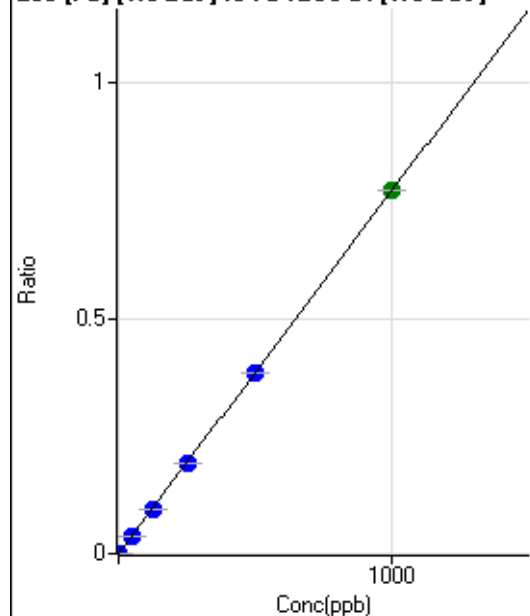
$$DL = 0.008035$$

$$BEC = 0.01851$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 400.02     | 0.0000 | P   | 16.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 7806.20    | 0.0008 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.125     | 388828.79  | 0.0379 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 122.143    | 980095.08  | 0.0941 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 249.411    | 1971961.97 | 0.1920 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 499.495    | 3910948.64 | 0.3845 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.801   | 7836485.24 | 0.7704 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 43677.86   | 0.0046 | P   | 0.7  |

$$y = 7.6975E-004 * x + 3.9028E-005$$

$$R = 1.0000$$

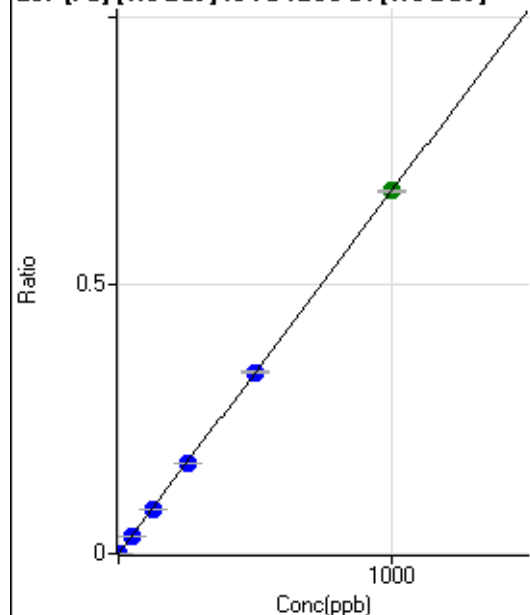
$$DL = 0.02437$$

$$BEC = 0.0507$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 370.39     | 0.0000 | P   | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.917      | 6750.09    | 0.0007 | P   | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.060     | 340535.99  | 0.0332 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 122.281    | 860423.77  | 0.0826 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.896    | 1725605.18 | 0.1680 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 499.756    | 3431267.90 | 0.3374 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.785   | 6871630.94 | 0.6755 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 36891.07   | 0.0039 | P   | 1.1  |

$$y = 6.7498E-004 * x + 3.6141E-005$$

$$R = 1.0000$$

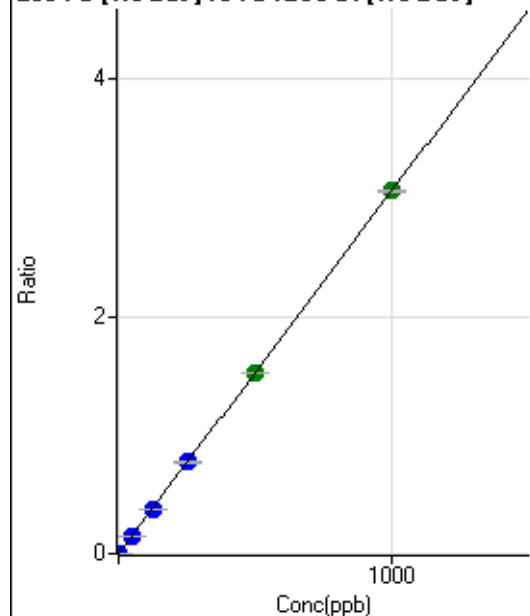
$$DL = 0.02791$$

$$BEC = 0.05354$$

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 | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1603.79     | 0.0002 | P   | 5.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.924      | 30705.46    | 0.0030 | P   | 2.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.318     | 1549647.99  | 0.1509 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.048    | 3919467.83  | 0.3761 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 252.011    | 7909535.99  | 0.7702 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 497.926    | 15476358.05 | 1.5216 | A   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.813   | 31108802.89 | 3.0583 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 171368.87   | 0.0181 | P   | 0.4 |

$$y = 0.0031 * x + 1.5647E-004$$

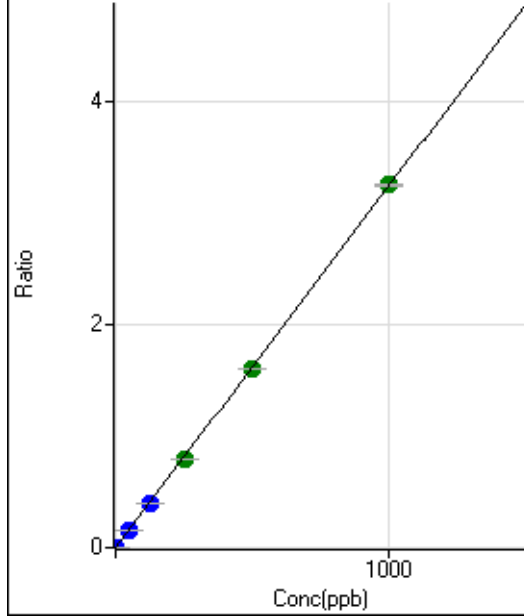
$$R = 1.0000$$

$$DL = 0.00779$$

$$BEC = 0.05121$$

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 | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22       | 0.0000 | P   | 36.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.893      | 29874.57    | 0.0029 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.324     | 1609113.53  | 0.1566 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 122.787    | 4147316.28  | 0.3980 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 246.621    | 8209661.47  | 0.7994 | A   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 494.500    | 16302971.37 | 1.6029 | A   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.955   | 33101829.91 | 3.2543 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2105.83     | 0.0002 | P   | 7.9  |

$$y = 0.0032 * x + 4.6047E-006$$

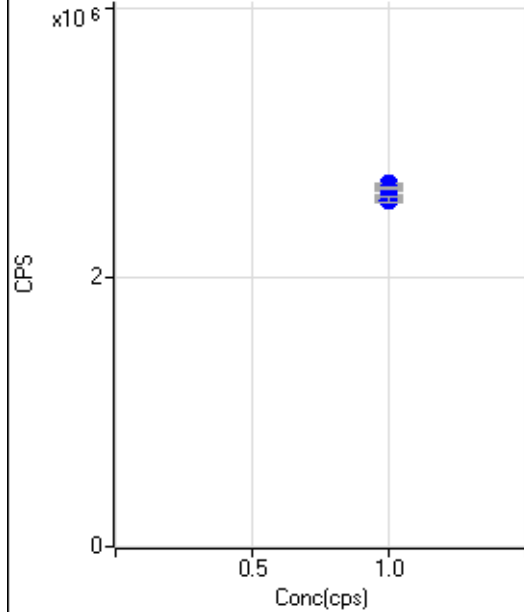
$$R = 1.0000$$

$$DL = 0.001554$$

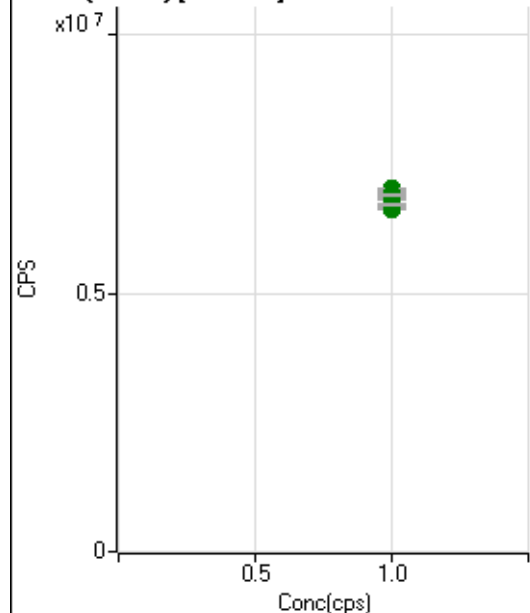
$$BEC = 0.001421$$

Weight: &lt;None&gt;

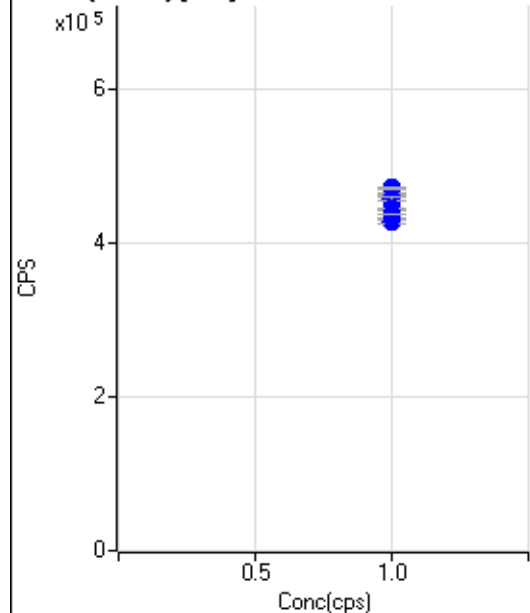
Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2603446.51 |       | P   | 0.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2602201.24 |       | P   | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2651043.66 |       | P   | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2697346.21 |       | P   | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2660549.51 |       | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2587007.79 |       | P   | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2568531.11 |       | P   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2578193.99 |       | P   | 1.3 |

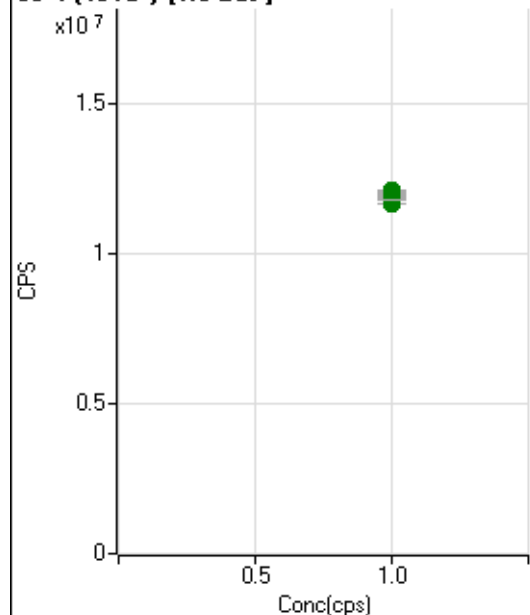
**45 Sc(ISTD) [NoGas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6813621.42 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7015194.69 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7019757.88 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6935676.89 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6747588.95 |       | A        | 0.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6627574.76 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6711371.33 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6905850.68 |       | A        | 0.5 |

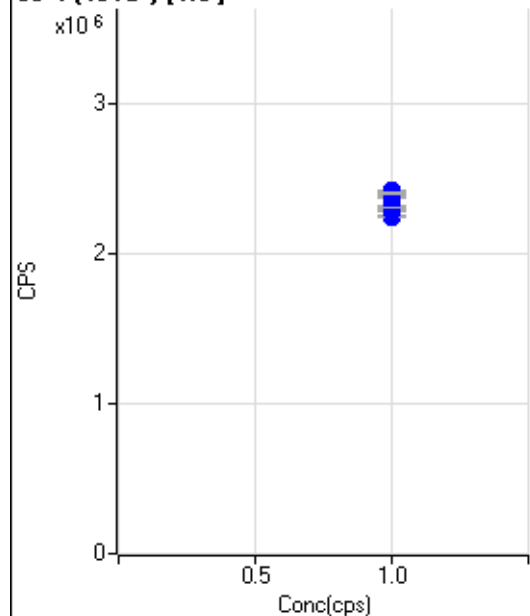
**45 Sc(ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 464155.82 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 472081.61 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 458008.68 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 444252.68 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 428035.40 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 432896.19 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 438461.46 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 471751.79 |       | P        | 0.4 |

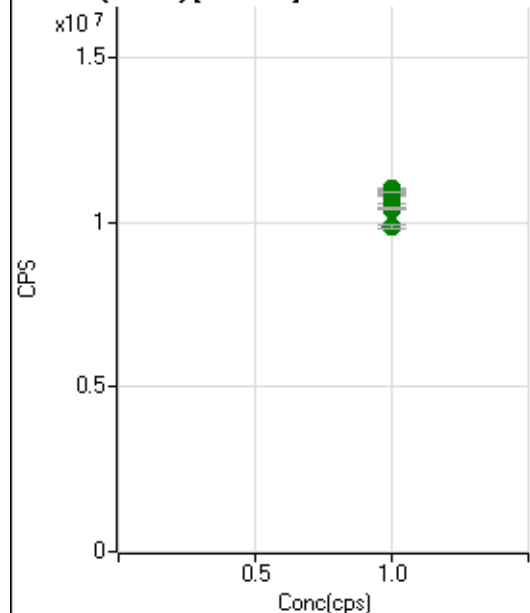


**89 Y (ISTD ) [ No Gas ]**

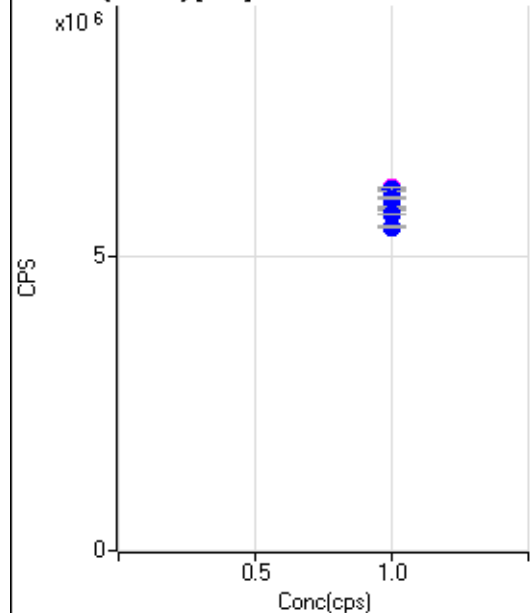
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11812089.82 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12011147.87 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12098517.18 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12003238.29 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11851387.74 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11669549.55 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11924327.19 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11795559.68 |       | A        | 0.5 |

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

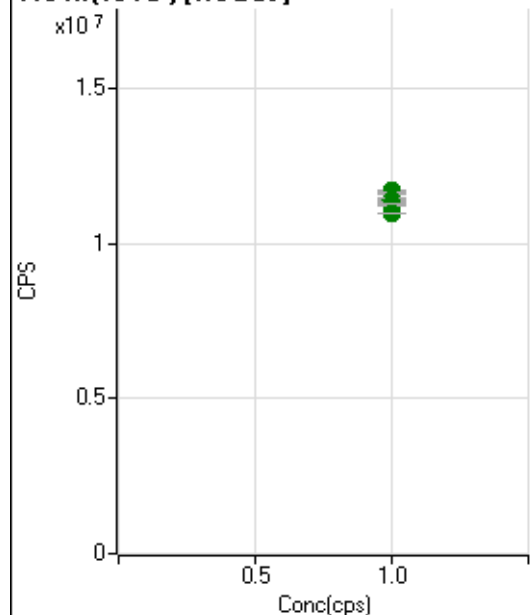
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2381515.59 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2415995.07 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2377991.70 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2312303.06 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2244698.04 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2284112.66 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2306629.36 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2397447.08 |       | P        | 0.6 |

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

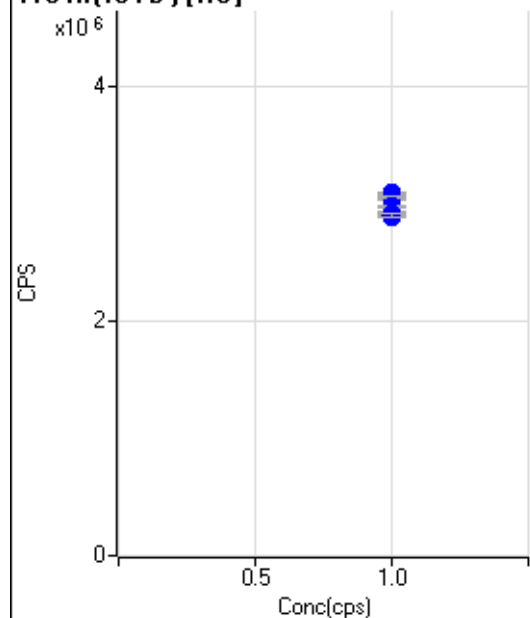
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10858293.65 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10974149.64 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11027792.96 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10926669.08 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10577320.29 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10413292.59 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10438786.08 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9877139.28  |       | A        | 0.7 |

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

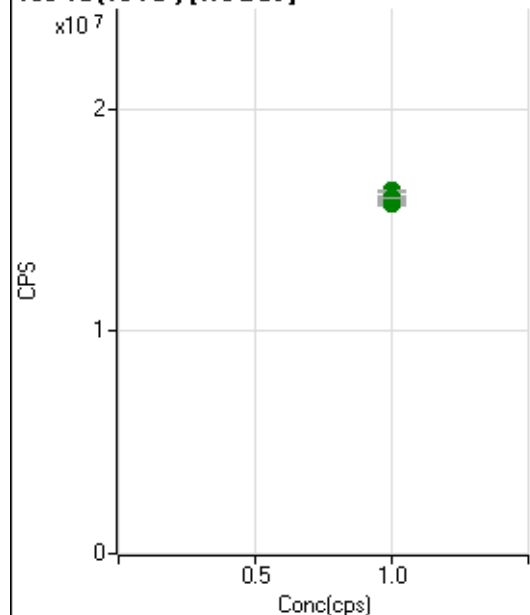
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6092044.49 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6147593.87 |       | M        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6120860.53 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5973908.87 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5790305.19 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5815092.20 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5712847.62 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5487810.89 |       | P        | 0.5 |

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

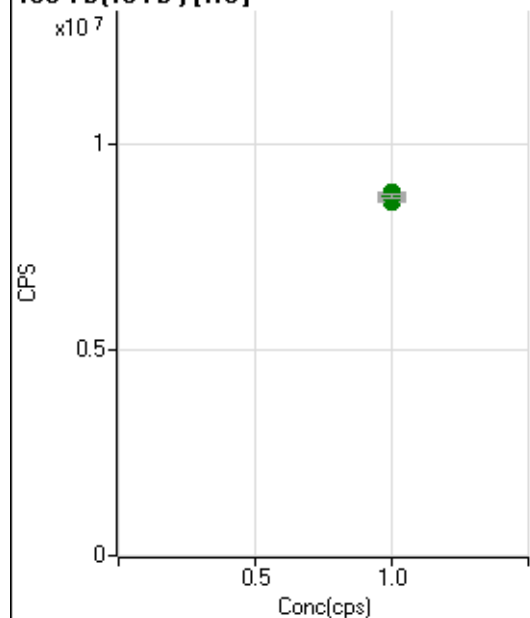
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11436081.13 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11632922.75 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11697710.95 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11633008.83 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11409922.24 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11269412.52 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11257233.03 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10976188.48 |       | A        | 0.2 |

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

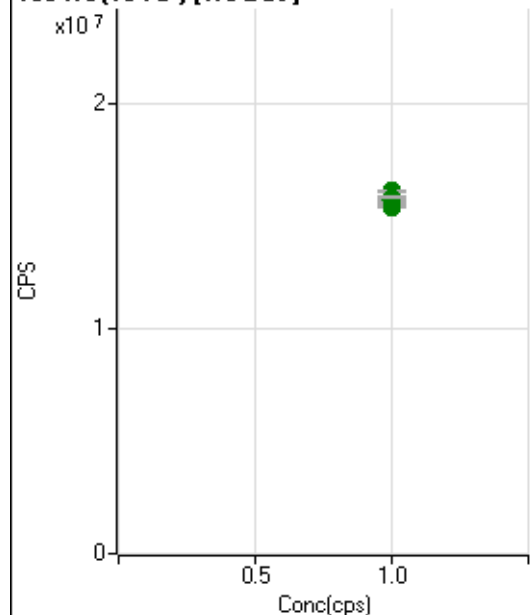
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3046116.15 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3093593.86 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3062493.31 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2980933.14 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2900741.12 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2915957.29 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2889929.51 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2899476.05 |       | P        | 0.9 |

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

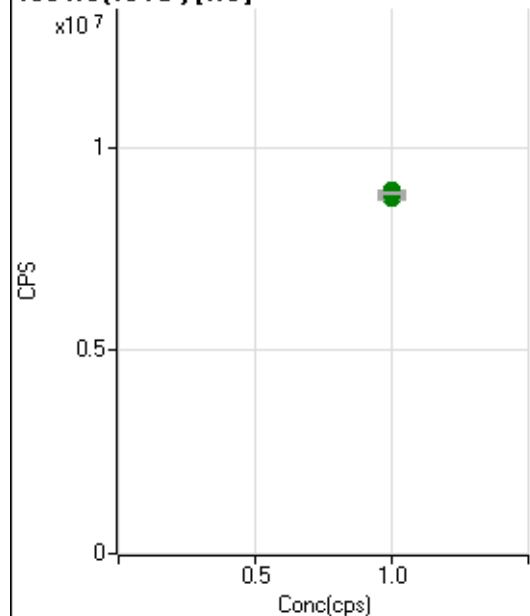
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15716439.35 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15843603.93 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 16008290.46 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 16071313.23 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15985140.32 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 16018449.35 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16321143.78 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 15978081.15 |       | A        | 0.1 |

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

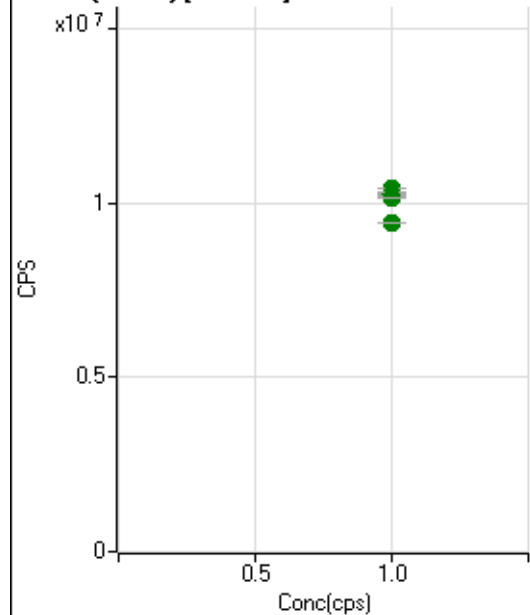
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8776475.49 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8721881.12 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8708658.13 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8695063.90 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8621148.07 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8816296.19 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8804489.52 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8746466.75 |       | A        | 1.4 |

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

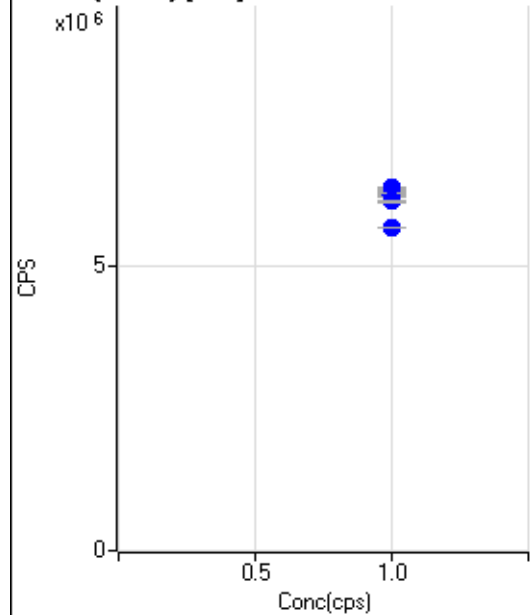
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15418653.64 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15502996.53 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15656494.97 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15784188.03 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15740040.98 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15833046.54 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16129003.49 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 15834028.83 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8776590.01 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8810885.49 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8806904.03 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8772999.11 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8729426.88 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8924237.02 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8877709.94 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8860150.56 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10249493.46 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10307173.11 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10272697.48 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10420162.21 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10269473.11 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10170924.22 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10171975.75 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9458895.55  |       | A        | 0.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6367956.92 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6334242.75 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6388448.58 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6323289.07 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6269079.28 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6264526.29 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6145999.56 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5685512.80 |       | P        | 0.2 |

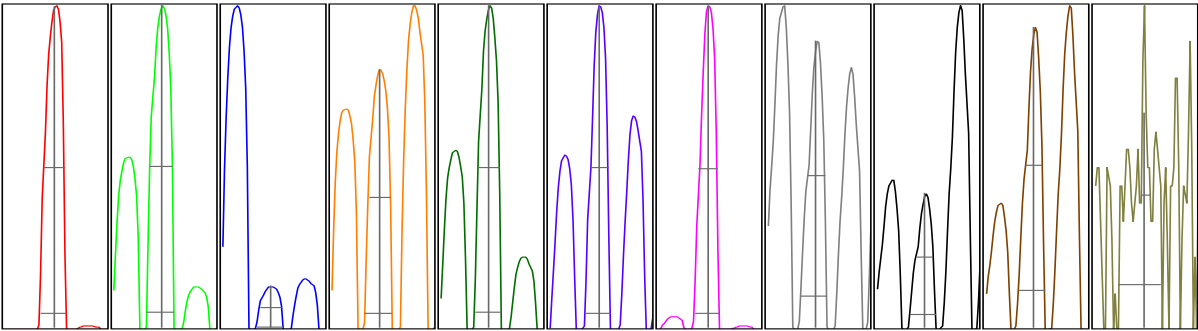
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7042318- MS.b  
Report Comment  
Instrument Name G8403A JP14410463

| [No Gas] |        |          |            |        |
|----------|--------|----------|------------|--------|
| Mass     | Count  | RSD%     | RSD%       | RSD%   |
|          | (Mean) | (Actual) | (Required) | (Flag) |
| 9        | 6191   | 0.45     | 5.00       |        |
| 24       | 80684  | 0.55     | 5.00       |        |
| 25       | 10728  | 0.94     | 5.00       |        |
| 26       | 12579  | 0.54     | 5.00       |        |
| 59       | 57337  | 0.63     | 5.00       |        |
| 113      | 9429   | 0.92     | 5.00       |        |
| 115      | 158619 | 0.82     | 5.00       |        |
| 206      | 25175  | 0.80     | 5.00       |        |
| 207      | 23873  | 0.80     | 5.00       |        |
| 208      | 55223  | 0.67     | 5.00       |        |
| 220      | 0      | 26.06    |            |        |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 6182                 | 6232                 | 6189                 | 6155                 | 6196                 |
| 24   | 80863                | 81225                | 80322                | 80147                | 80861                |
| 25   | 10634                | 10808                | 10711                | 10630                | 10855                |
| 26   | 12597                | 12622                | 12556                | 12474                | 12646                |
| 59   | 57532                | 57795                | 57001                | 56936                | 57421                |
| 113  | 9479                 | 9553                 | 9356                 | 9351                 | 9406                 |
| 115  | 159782               | 160196               | 157885               | 157212               | 158020               |
| 206  | 25247                | 25422                | 25071                | 24891                | 25245                |
| 207  | 23742                | 24092                | 23783                | 23683                | 24067                |
| 208  | 55501                | 55469                | 55058                | 54644                | 55445                |
| 220  | 0                    | 0                    | 0                    | 1                    | 0                    |

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    | 10859          | 9.00             | 8.9 - 9.1          |                | 0.778                | 0.900                  |                        |
| 24   | 132492         | 23.95            | 23.9 - 24.1        |                | 0.786                | 0.900                  |                        |
| 25   | 17529          | 24.95            | 24.9 - 25.1        |                | 0.782                | 0.900                  |                        |
| 26   | 20664          | 25.95            | 25.9 - 26.1        |                | 0.786                | 0.900                  |                        |
| 59   | 99552          | 58.95            | 58.9 - 59.1        |                | 0.778                | 0.900                  |                        |
| 113  | 18598          | 113.00           | 112.9 - 113.1      |                | 0.727                | 0.900                  |                        |
| 115  | 315150         | 115.00           | 114.9 - 115.1      |                | 0.729                | 0.900                  |                        |
| 206  | 49709          | 205.95           | 205.9 - 206.1      |                | 0.747                | 0.900                  |                        |
| 207  | 45170          | 206.95           | 206.9 - 207.1      |                | 0.741                | 0.900                  |                        |
| 208  | 107945         | 207.95           | 207.9 - 208.1      |                | 0.752                | 0.900                  |                        |
| 220  | 1              | 220.00           | -                  |                | 1.219                |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.2  | V    | Deflect       | 16.4  | V    |
| Extract 2     | -205.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination | 5.0   | V    |
| He Flow       | 0.0   | mL/min | OctP RF       | 200   | V    |                       |       |      |

[He]

| Mass | Count  | RSD%     | RSD%       |
|------|--------|----------|------------|
|      | (Mean) | (Actual) | (Required) |
| 59   | 18906  | 1.22     |            |
| 89   | 52670  | 1.22     |            |
| 205  | 16424  | 0.91     |            |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 19078                | 19219                | 18721                | 18704                | 18808                |
| 89   | 53065                | 53540                | 52247                | 51931                | 52568                |
| 205  | 16447                | 16636                | 16436                | 16220                | 16380                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.7   | V    | Deflect       | 2.6   | V    |
| Extract 2     | -235.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -110   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.38   | 0.16    | 0.22    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | -0.01   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.04    | 0.00    | -0.04   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.07    | 0.03    | -0.10   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.23    | -0.39   | 0.15    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | 0.03    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -2.07   | 2.46    | -0.38   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.34   | 0.02    | 0.32    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.07    | -0.06   | -0.01   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.68   | 0.59    | 0.09    | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.01    | -0.01   | 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  | 0.12    | 0.09    | -0.21   | 0.00       | N/A     | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| 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    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -13.93  | 19.31   | -9.21   | -1.28      |         | ppb   |
| Potassium  | 39-2  | -4.66   | 1.94    | 2.71    | 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  | -0.26   | -0.11   | 0.37    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.40    | 0.15    | -0.55   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.89   | 0.23    | 0.66    | 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  | -1.03   | 0.42    | 0.61    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -313.71 | -321.04 | -153.78 | -262.84    |         | 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 | 0.02    | -0.02   | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.01    | 0.02    | -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  | 0.02    | 0.01    | -0.03   | 0.00       | N/A     | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CALS_P7042318- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.13   | 17.95   | 17.84   | 17.64      | 2.53    | ppb   |
| Antimony   | 121-1 | 1.88    | 1.94    | 1.91    | 1.91       | 1.52    | ppb   |
| Arsenic    | 75-2  | 0.95    | 1.03    | 0.93    | 0.97       | 5.69    | ppb   |
| Barium     | 135-1 | 9.59    | 9.33    | 9.43    | 9.45       | 1.40    | ppb   |
| Barium     | 137-1 | 9.40    | 9.44    | 9.61    | 9.48       | 1.14    | ppb   |
| Beryllium  | 9-1   | 0.98    | 1.03    | 0.97    | 0.99       | 3.19    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 23.49   | 23.47   | 22.87   | 23.28      | 1.52    | ppb   |
| Boron      | 11-1  | 23.85   | 22.30   | 23.38   | 23.17      | 3.44    | ppb   |
| Cadmium    | 111-1 | 1.16    | 1.09    | 0.99    | 1.08       | 8.29    | ppb   |
| Cadmium    | 106-1 | 3.35    | 2.07    | 1.29    | 2.24       | 46.34   | ppb   |
| Cadmium    | 108-1 | 0.70    | 0.80    | 1.12    | 0.88       | 24.91   | ppb   |
| Calcium    | 43-1  | 417.98  | 449.75  | 440.97  | 436.23     | 3.76    | ppb   |
| Calcium    | 44-1  | 435.65  | 430.75  | 438.45  | 434.95     | 0.90    | ppb   |
| Chromium   | 52-2  | 2.14    | 1.93    | 2.00    | 2.02       | 5.25    | ppb   |
| Cobalt     | 59-2  | 0.91    | 0.96    | 0.93    | 0.93       | 2.79    | ppb   |
| Copper     | 63-2  | 1.87    | 1.83    | 1.87    | 1.86       | 1.23    | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 47.18   | 48.55   | 48.29   | 48.01      | 1.52    | ppb   |
| Iron       | 57-2  | 52.18   | 49.91   | 47.95   | 50.01      | 4.24    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.91    | 0.97    | 0.92    | 0.93       | 3.33    | ppb   |
| Lead       | 207-1 | 0.91    | 0.96    | 0.88    | 0.92       | 4.19    | ppb   |
| Lead       | 208-1 | 0.91    | 0.95    | 0.92    | 0.92       | 2.24    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 454.71  | 461.35  | 452.30  | 456.12     | 1.03    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CAL5_P7042318- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.04    | 1.00    | 0.97    | 1.00       | 3.62    | ppb   |
| Molybdenum | 94-1  | 4.74    | 4.65    | 4.72    | 4.70       | 1.05    | ppb   |
| Molybdenum | 95-1  | 4.79    | 4.60    | 4.65    | 4.68       | 2.14    | ppb   |
| Molybdenum | 96-1  | 4.90    | 4.59    | 4.60    | 4.70       | 3.70    | ppb   |
| Molybdenum | 97-1  | 4.95    | 4.63    | 4.73    | 4.77       | 3.40    | ppb   |
| Molybdenum | 98-1  | 4.63    | 4.69    | 4.55    | 4.62       | 1.54    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.99    | 1.01    | 1.03    | 1.01       | 2.07    | ppb   |
| Phosphorus | 31-2  | 10.66   | -3.35   | -3.48   | 1.28       | 637.22  | ppb   |
| Potassium  | 39-2  | 466.49  | 469.71  | 464.96  | 467.05     | 0.52    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 5.79    | 4.30    | 3.95    | 4.68       | 20.88   | ppb   |
| Selenium   | 78-2  | 4.37    | 4.29    | 4.25    | 4.30       | 1.42    | ppb   |
| Selenium   | 82-1  | 5.35    | 4.90    | 4.56    | 4.93       | 8.01    | ppb   |
| Silicon    | 28-1  | 12.95   | 12.04   | 13.35   | 12.78      | 5.23    | ppb   |
| Silver     | 109-1 | 0.99    | 1.00    | 1.02    | 1.01       | 1.47    | ppb   |
| Silver     | 107-1 | 1.01    | 1.01    | 1.01    | 1.01       | 0.20    | ppb   |
| Sodium     | 23-2  | 460.24  | 463.88  | 461.03  | 461.72     | 0.42    | ppb   |
| Strontium  | 86-1  | 1.06    | 0.93    | 0.98    | 0.99       | 6.67    | ppb   |
| Strontium  | 88-1  | 0.97    | 0.96    | 0.92    | 0.95       | 2.42    | ppb   |
| Sulfur     | 34-1  | 87.27   | 442.51  | 258.75  | 262.84     | 67.59   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.92    | 0.92    | 0.87    | 0.91       | 3.29    | ppb   |
| Thallium   | 205-1 | 0.94    | 0.92    | 0.89    | 0.92       | 2.52    | ppb   |
| Tin        | 118-1 | 4.93    | 4.80    | 4.74    | 4.83       | 2.00    | ppb   |
| Titanium   | 47-1  | 4.67    | 4.79    | 5.25    | 4.90       | 6.28    | ppb   |
| Uranium    | 238-1 | 0.89    | 0.88    | 0.91    | 0.89       | 1.90    | ppb   |
| Vanadium   | 51-2  | 4.62    | 4.62    | 4.52    | 4.58       | 1.22    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 1.73    | 1.95    | 1.57    | 1.75       | 10.98   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.97    | 0.98    | 1.00    | 0.98       | 1.88    | ppb   |
| Zirconium | 91-1 | 1.00    | 1.06    | 0.95    | 1.00       | 5.40    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:17:19 | DataFile Name :   | 006CALS_P7042318- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 984.28  | 988.01  | 981.63  | 984.64     | 0.33    | ppb   |
| Antimony   | 121-1 | 51.43   | 50.43   | 50.36   | 50.74      | 1.18    | ppb   |
| Arsenic    | 75-2  | 50.53   | 51.57   | 49.97   | 50.69      | 1.60    | ppb   |
| Barium     | 135-1 | 258.84  | 253.16  | 248.78  | 253.59     | 1.99    | ppb   |
| Barium     | 137-1 | 254.46  | 250.63  | 250.41  | 251.83     | 0.90    | ppb   |
| Beryllium  | 9-1   | 51.32   | 51.92   | 51.55   | 51.60      | 0.58    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 52.06   | 49.98   | 50.19   | 50.74      | 2.26    | ppb   |
| Boron      | 11-1  | 48.85   | 49.90   | 49.18   | 49.31      | 1.08    | ppb   |
| Cadmium    | 111-1 | 52.67   | 53.28   | 53.12   | 53.02      | 0.59    | ppb   |
| Cadmium    | 106-1 | 54.40   | 54.16   | 52.93   | 53.83      | 1.47    | ppb   |
| Cadmium    | 108-1 | 53.94   | 51.00   | 50.51   | 51.82      | 3.58    | ppb   |
| Calcium    | 43-1  | 4707.63 | 4806.33 | 4736.32 | 4750.09    | 1.07    | ppb   |
| Calcium    | 44-1  | 4703.51 | 4735.85 | 4746.21 | 4728.53    | 0.47    | ppb   |
| Chromium   | 52-2  | 51.20   | 50.41   | 50.80   | 50.80      | 0.78    | ppb   |
| Cobalt     | 59-2  | 51.64   | 50.93   | 51.32   | 51.30      | 0.69    | ppb   |
| Copper     | 63-2  | 105.73  | 104.43  | 104.44  | 104.86     | 0.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 2628.58 | 2596.29 | 2616.51 | 2613.79    | 0.62    | ppb   |
| Iron       | 57-2  | 2626.22 | 2589.75 | 2613.38 | 2609.79    | 0.71    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 49.04   | 49.71   | 48.62   | 49.12      | 1.13    | ppb   |
| Lead       | 207-1 | 49.23   | 49.31   | 48.64   | 49.06      | 0.74    | ppb   |
| Lead       | 208-1 | 49.40   | 49.39   | 49.17   | 49.32      | 0.27    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 5070.41 | 5009.11 | 5047.56 | 5042.36    | 0.61    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P7  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:17:19 DataFile Name : 006CAL5\_P7042318- M9

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 101.84  | 100.76  | 102.89  | 101.83     | 1.05    | ppb   |
| Molybdenum | 94-1  | 248.44  | 250.81  | 246.86  | 248.70     | 0.80    | ppb   |
| Molybdenum | 95-1  | 248.99  | 249.41  | 247.34  | 248.58     | 0.44    | ppb   |
| Molybdenum | 96-1  | 248.87  | 249.44  | 248.60  | 248.97     | 0.17    | ppb   |
| Molybdenum | 97-1  | 246.38  | 246.71  | 247.05  | 246.71     | 0.14    | ppb   |
| Molybdenum | 98-1  | 247.25  | 250.79  | 248.32  | 248.79     | 0.73    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.81   | 52.22   | 51.85   | 52.63      | 1.98    | ppb   |
| Phosphorus | 31-2  | 1076.52 | 1002.10 | 1018.17 | 1032.26    | 3.79    | ppb   |
| Potassium  | 39-2  | 2486.32 | 2458.23 | 2465.18 | 2469.91    | 0.59    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 57.03   | 54.77   | 57.93   | 56.58      | 2.87    | ppb   |
| Selenium   | 78-2  | 49.08   | 50.32   | 52.61   | 50.67      | 3.53    | ppb   |
| Selenium   | 82-1  | 51.46   | 52.55   | 50.64   | 51.55      | 1.86    | ppb   |
| Silicon    | 28-1  | 56.20   | 56.57   | 57.77   | 56.85      | 1.44    | ppb   |
| Silver     | 109-1 | 53.07   | 52.85   | 52.85   | 52.92      | 0.23    | ppb   |
| Silver     | 107-1 | 52.48   | 52.93   | 52.60   | 52.67      | 0.45    | ppb   |
| Sodium     | 23-2  | 5020.25 | 4943.49 | 4969.15 | 4977.63    | 0.79    | ppb   |
| Strontium  | 86-1  | 49.63   | 49.97   | 49.67   | 49.76      | 0.37    | ppb   |
| Strontium  | 88-1  | 50.65   | 50.70   | 50.43   | 50.59      | 0.28    | ppb   |
| Sulfur     | 34-1  | 1271.23 | 1352.18 | 1361.42 | 1328.28    | 3.74    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 49.00   | 48.62   | 48.76   | 48.79      | 0.39    | ppb   |
| Thallium   | 205-1 | 49.36   | 49.26   | 48.66   | 49.09      | 0.77    | ppb   |
| Tin        | 118-1 | 51.19   | 51.28   | 50.81   | 51.09      | 0.49    | ppb   |
| Titanium   | 47-1  | 247.11  | 254.86  | 248.07  | 250.02     | 1.69    | ppb   |
| Uranium    | 238-1 | 48.23   | 48.62   | 48.12   | 48.32      | 0.55    | ppb   |
| Vanadium   | 51-2  | 49.93   | 49.76   | 50.29   | 49.99      | 0.54    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 104.93  | 105.12  | 105.46  | 105.17     | 0.26    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:17:19 | DataFile Name :   | 006CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 50.40   | 49.43   | 49.71   | 49.85      | 1.00    | ppb   |
| Zirconium | 91-1 | 49.95   | 49.65   | 49.47   | 49.69      | 0.49    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CAL5_P7042318- M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2451.60  | 2468.68  | 2471.93  | 2464.07    | 0.44    | ppb   |
| Antimony   | 121-1 | 126.55   | 127.36   | 127.43   | 127.12     | 0.38    | ppb   |
| Arsenic    | 75-2  | 127.00   | 126.98   | 125.28   | 126.42     | 0.78    | ppb   |
| Barium     | 135-1 | 630.12   | 636.68   | 636.82   | 634.54     | 0.60    | ppb   |
| Barium     | 137-1 | 629.92   | 636.46   | 634.30   | 633.56     | 0.53    | ppb   |
| Beryllium  | 9-1   | 127.42   | 125.52   | 125.34   | 126.09     | 0.91    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 119.36   | 122.07   | 124.80   | 122.07     | 2.23    | ppb   |
| Boron      | 11-1  | 119.51   | 121.75   | 121.81   | 121.02     | 1.08    | ppb   |
| Cadmium    | 111-1 | 129.04   | 131.17   | 130.51   | 130.24     | 0.84    | ppb   |
| Cadmium    | 106-1 | 134.44   | 129.54   | 134.52   | 132.83     | 2.15    | ppb   |
| Cadmium    | 108-1 | 133.26   | 131.98   | 131.67   | 132.30     | 0.64    | ppb   |
| Calcium    | 43-1  | 11765.87 | 11784.50 | 11830.97 | 11793.78   | 0.28    | ppb   |
| Calcium    | 44-1  | 11759.37 | 11797.25 | 11737.14 | 11764.59   | 0.26    | ppb   |
| Chromium   | 52-2  | 127.26   | 126.09   | 126.82   | 126.72     | 0.47    | ppb   |
| Cobalt     | 59-2  | 126.72   | 127.12   | 128.11   | 127.32     | 0.56    | ppb   |
| Copper     | 63-2  | 261.89   | 262.60   | 262.95   | 262.48     | 0.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 6548.35  | 6536.98  | 6567.73  | 6551.02    | 0.24    | ppb   |
| Iron       | 57-2  | 6497.15  | 6492.86  | 6583.34  | 6524.45    | 0.78    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 121.33   | 122.41   | 122.69   | 122.14     | 0.59    | ppb   |
| Lead       | 207-1 | 121.44   | 122.55   | 122.86   | 122.28     | 0.61    | ppb   |
| Lead       | 208-1 | 122.32   | 123.45   | 123.38   | 123.05     | 0.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 12680.47 | 12665.26 | 12675.07 | 12673.60   | 0.06    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CAL5_P7042318- M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 252.61   | 251.30   | 251.95   | 251.95     | 0.26    | ppb   |
| Molybdenum | 94-1  | 622.09   | 630.47   | 632.93   | 628.50     | 0.90    | ppb   |
| Molybdenum | 95-1  | 620.33   | 627.49   | 627.89   | 625.24     | 0.68    | ppb   |
| Molybdenum | 96-1  | 624.34   | 629.98   | 630.28   | 628.20     | 0.53    | ppb   |
| Molybdenum | 97-1  | 619.05   | 625.62   | 622.16   | 622.28     | 0.53    | ppb   |
| Molybdenum | 98-1  | 621.52   | 632.85   | 632.27   | 628.88     | 1.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.67   | 130.06   | 131.28   | 130.67     | 0.47    | ppb   |
| Phosphorus | 31-2  | 2616.07  | 2532.06  | 2608.86  | 2585.66    | 1.80    | ppb   |
| Potassium  | 39-2  | 6170.66  | 6141.88  | 6080.52  | 6131.02    | 0.75    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 115.94   | 120.74   | 126.08   | 120.92     | 4.20    | ppb   |
| Selenium   | 78-2  | 129.95   | 130.47   | 127.41   | 129.28     | 1.26    | ppb   |
| Selenium   | 82-1  | 132.05   | 132.32   | 131.92   | 132.09     | 0.15    | ppb   |
| Silicon    | 28-1  | 146.03   | 147.32   | 145.53   | 146.29     | 0.63    | ppb   |
| Silver     | 109-1 | 129.03   | 131.79   | 131.38   | 130.73     | 1.14    | ppb   |
| Silver     | 107-1 | 131.12   | 131.27   | 130.51   | 130.97     | 0.30    | ppb   |
| Sodium     | 23-2  | 12404.22 | 12414.42 | 12449.89 | 12422.85   | 0.19    | ppb   |
| Strontium  | 86-1  | 124.01   | 126.27   | 125.06   | 125.11     | 0.91    | ppb   |
| Strontium  | 88-1  | 125.98   | 127.10   | 128.08   | 127.06     | 0.83    | ppb   |
| Sulfur     | 34-1  | 2923.52  | 2864.59  | 2752.67  | 2846.92    | 3.05    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 120.53   | 120.94   | 121.88   | 121.12     | 0.57    | ppb   |
| Thallium   | 205-1 | 122.82   | 121.96   | 122.85   | 122.54     | 0.41    | ppb   |
| Tin        | 118-1 | 125.93   | 127.29   | 127.48   | 126.90     | 0.67    | ppb   |
| Titanium   | 47-1  | 626.93   | 626.02   | 620.56   | 624.50     | 0.55    | ppb   |
| Uranium    | 238-1 | 122.53   | 122.81   | 123.02   | 122.79     | 0.20    | ppb   |
| Vanadium   | 51-2  | 124.90   | 124.51   | 124.63   | 124.68     | 0.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 260.31   | 259.96   | 260.64   | 260.30     | 0.13    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 124.31  | 125.68  | 125.07  | 125.02     | 0.55    | ppb   |
| Zirconium | 91-1 | 123.31  | 124.55  | 124.09  | 123.98     | 0.50    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CAL5_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4926.55  | 4865.22  | 4935.37  | 4909.05    | 0.78    | ppb   |
| Antimony   | 121-1 | 254.07   | 255.24   | 256.50   | 255.27     | 0.48    | ppb   |
| Arsenic    | 75-2  | 256.55   | 248.87   | 254.67   | 253.36     | 1.58    | ppb   |
| Barium     | 135-1 | 1272.96  | 1275.50  | 1281.28  | 1276.58    | 0.33    | ppb   |
| Barium     | 137-1 | 1297.01  | 1279.45  | 1280.68  | 1285.71    | 0.76    | ppb   |
| Beryllium  | 9-1   | 251.17   | 253.70   | 252.30   | 252.39     | 0.50    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 249.77   | 252.45   | 250.28   | 250.83     | 0.57    | ppb   |
| Boron      | 11-1  | 244.46   | 247.12   | 253.55   | 248.38     | 1.88    | ppb   |
| Cadmium    | 111-1 | 260.69   | 260.21   | 260.03   | 260.31     | 0.13    | ppb   |
| Cadmium    | 106-1 | 260.52   | 255.05   | 262.76   | 259.44     | 1.53    | ppb   |
| Cadmium    | 108-1 | 264.14   | 261.26   | 263.05   | 262.82     | 0.55    | ppb   |
| Calcium    | 43-1  | 23742.93 | 23938.69 | 23743.77 | 23808.46   | 0.47    | ppb   |
| Calcium    | 44-1  | 23728.10 | 23809.67 | 23734.18 | 23757.32   | 0.19    | ppb   |
| Chromium   | 52-2  | 257.55   | 253.47   | 253.79   | 254.94     | 0.89    | ppb   |
| Cobalt     | 59-2  | 256.62   | 253.16   | 256.89   | 255.56     | 0.81    | ppb   |
| Copper     | 63-2  | 528.88   | 518.84   | 528.26   | 525.33     | 1.07    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 13215.18 | 13048.90 | 13132.98 | 13132.36   | 0.63    | ppb   |
| Iron       | 57-2  | 13210.86 | 13063.77 | 13158.05 | 13144.23   | 0.57    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 249.67   | 249.78   | 248.78   | 249.41     | 0.22    | ppb   |
| Lead       | 207-1 | 250.15   | 249.42   | 247.12   | 248.90     | 0.63    | ppb   |
| Lead       | 208-1 | 252.91   | 252.40   | 250.73   | 252.01     | 0.45    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 25424.79 | 24856.95 | 25205.68 | 25162.47   | 1.14    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CAL5_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 511.79   | 505.46   | 505.71   | 507.65     | 0.71    | ppb   |
| Molybdenum | 94-1  | 1276.48  | 1284.24  | 1270.16  | 1276.96    | 0.55    | ppb   |
| Molybdenum | 95-1  | 1269.95  | 1253.99  | 1266.49  | 1263.48    | 0.66    | ppb   |
| Molybdenum | 96-1  | 1247.11  | 1261.17  | 1249.13  | 1252.47    | 0.61    | ppb   |
| Molybdenum | 97-1  | 1240.00  | 1259.28  | 1248.14  | 1249.14    | 0.77    | ppb   |
| Molybdenum | 98-1  | 1246.21  | 1247.56  | 1243.40  | 1245.72    | 0.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 262.74   | 258.61   | 262.02   | 261.12     | 0.85    | ppb   |
| Phosphorus | 31-2  | 5139.15  | 5156.87  | 5231.76  | 5175.93    | 0.95    | ppb   |
| Potassium  | 39-2  | 12421.81 | 12210.10 | 12421.04 | 12350.98   | 0.99    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 275.91   | 261.07   | 272.28   | 269.75     | 2.87    | ppb   |
| Selenium   | 78-2  | 248.57   | 256.70   | 259.42   | 254.90     | 2.21    | ppb   |
| Selenium   | 82-1  | 258.62   | 258.02   | 260.02   | 258.89     | 0.40    | ppb   |
| Silicon    | 28-1  | 299.16   | 303.61   | 302.29   | 301.69     | 0.76    | ppb   |
| Silver     | 109-1 | 262.01   | 260.20   | 258.85   | 260.35     | 0.61    | ppb   |
| Silver     | 107-1 | 261.70   | 258.80   | 258.18   | 259.56     | 0.72    | ppb   |
| Sodium     | 23-2  | 25280.33 | 24644.08 | 25061.86 | 24995.43   | 1.29    | ppb   |
| Strontium  | 86-1  | 252.98   | 253.62   | 249.82   | 252.14     | 0.81    | ppb   |
| Strontium  | 88-1  | 251.96   | 253.38   | 251.99   | 252.44     | 0.32    | ppb   |
| Sulfur     | 34-1  | 5417.05  | 5382.87  | 5136.35  | 5312.09    | 2.88    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 247.31   | 246.42   | 245.88   | 246.54     | 0.29    | ppb   |
| Thallium   | 205-1 | 254.38   | 253.53   | 252.47   | 253.46     | 0.38    | ppb   |
| Tin        | 118-1 | 255.91   | 256.91   | 254.04   | 255.62     | 0.57    | ppb   |
| Titanium   | 47-1  | 1260.98  | 1269.38  | 1259.05  | 1263.14    | 0.43    | ppb   |
| Uranium    | 238-1 | 245.85   | 247.03   | 246.97   | 246.62     | 0.27    | ppb   |
| Vanadium   | 51-2  | 253.67   | 250.58   | 251.36   | 251.87     | 0.64    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 524.57   | 514.49   | 521.65   | 520.24     | 1.00    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 254.93  | 256.42  | 254.73  | 255.36     | 0.36    | ppb   |
| Zirconium | 91-1 | 251.83  | 253.15  | 250.81  | 251.93     | 0.47    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:28:57 | DataFile Name :   | 009CAL5_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9688.69  | 9718.61  | 9795.53  | 9734.28    | 0.57    | ppb   |
| Antimony   | 121-1 | 513.71   | 506.44   | 505.36   | 508.50     | 0.89    | ppb   |
| Arsenic    | 75-2  | 504.53   | 496.33   | 500.18   | 500.34     | 0.82    | ppb   |
| Barium     | 135-1 | 2566.71  | 2548.17  | 2539.74  | 2551.54    | 0.54    | ppb   |
| Barium     | 137-1 | 2522.49  | 2500.78  | 2488.39  | 2503.89    | 0.69    | ppb   |
| Beryllium  | 9-1   | 500.62   | 496.79   | 503.43   | 500.28     | 0.67    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 495.26   | 503.32   | 503.33   | 500.64     | 0.93    | ppb   |
| Boron      | 11-1  | 492.22   | 494.85   | 500.44   | 495.83     | 0.85    | ppb   |
| Cadmium    | 111-1 | 503.49   | 506.64   | 501.87   | 504.00     | 0.48    | ppb   |
| Cadmium    | 106-1 | 505.94   | 507.49   | 502.94   | 505.46     | 0.46    | ppb   |
| Cadmium    | 108-1 | 507.02   | 510.10   | 515.58   | 510.90     | 0.85    | ppb   |
| Calcium    | 43-1  | 46672.42 | 47046.96 | 47185.14 | 46968.17   | 0.56    | ppb   |
| Calcium    | 44-1  | 46741.25 | 46954.46 | 46806.82 | 46834.18   | 0.23    | ppb   |
| Chromium   | 52-2  | 504.97   | 502.33   | 503.20   | 503.50     | 0.27    | ppb   |
| Cobalt     | 59-2  | 505.04   | 502.22   | 505.80   | 504.35     | 0.37    | ppb   |
| Copper     | 63-2  | 1035.47  | 1024.07  | 1032.51  | 1030.68    | 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 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 26063.54 | 25806.62 | 25861.61 | 25910.59   | 0.52    | ppb   |
| Iron       | 57-2  | 26040.37 | 25907.21 | 26018.60 | 25988.73   | 0.27    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 497.00   | 499.83   | 501.65   | 499.50     | 0.47    | ppb   |
| Lead       | 207-1 | 496.16   | 500.15   | 502.96   | 499.76     | 0.68    | ppb   |
| Lead       | 208-1 | 495.12   | 498.70   | 499.95   | 497.93     | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 49631.59 | 49287.34 | 49381.55 | 49433.49   | 0.36    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:28:57 | DataFile Name :   | 009CAL5_P7042318- M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1007.42  | 1000.36  | 1000.32  | 1002.70    | 0.41    | ppb   |
| Molybdenum | 94-1  | 2492.81  | 2480.68  | 2506.19  | 2493.23    | 0.51    | ppb   |
| Molybdenum | 95-1  | 2513.43  | 2483.10  | 2492.11  | 2496.21    | 0.62    | ppb   |
| Molybdenum | 96-1  | 2497.27  | 2463.91  | 2496.45  | 2485.88    | 0.77    | ppb   |
| Molybdenum | 97-1  | 2489.38  | 2463.14  | 2508.74  | 2487.09    | 0.92    | ppb   |
| Molybdenum | 98-1  | 2497.20  | 2491.51  | 2500.88  | 2496.53    | 0.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 508.81   | 507.07   | 509.99   | 508.62     | 0.29    | ppb   |
| Phosphorus | 31-2  | 9968.43  | 9935.64  | 10000.95 | 9968.34    | 0.33    | ppb   |
| Potassium  | 39-2  | 23977.93 | 23924.60 | 23853.60 | 23918.71   | 0.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 505.12   | 502.29   | 520.31   | 509.24     | 1.90    | ppb   |
| Selenium   | 78-2  | 496.57   | 496.16   | 502.19   | 498.31     | 0.68    | ppb   |
| Selenium   | 82-1  | 510.41   | 501.85   | 509.19   | 507.15     | 0.91    | ppb   |
| Silicon    | 28-1  | 598.25   | 601.17   | 607.98   | 602.47     | 0.83    | ppb   |
| Silver     | 109-1 | 508.07   | 511.09   | 507.99   | 509.05     | 0.35    | ppb   |
| Silver     | 107-1 | 508.20   | 507.78   | 515.43   | 510.47     | 0.84    | ppb   |
| Sodium     | 23-2  | 49279.19 | 49021.74 | 49128.98 | 49143.30   | 0.26    | ppb   |
| Strontium  | 86-1  | 500.06   | 500.34   | 500.59   | 500.33     | 0.05    | ppb   |
| Strontium  | 88-1  | 500.75   | 499.35   | 502.77   | 500.96     | 0.34    | ppb   |
| Sulfur     | 34-1  | 9634.42  | 9665.93  | 9559.28  | 9619.88    | 0.57    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 500.80   | 501.54   | 502.27   | 501.54     | 0.15    | ppb   |
| Thallium   | 205-1 | 495.05   | 493.94   | 495.22   | 494.74     | 0.14    | ppb   |
| Tin        | 118-1 | 506.46   | 504.23   | 498.26   | 502.98     | 0.84    | ppb   |
| Titanium   | 47-1  | 2494.86  | 2517.30  | 2502.17  | 2504.78    | 0.46    | ppb   |
| Uranium    | 238-1 | 496.01   | 494.77   | 492.73   | 494.50     | 0.33    | ppb   |
| Vanadium   | 51-2  | 499.40   | 496.63   | 501.78   | 499.27     | 0.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 1019.99  | 1012.05  | 1021.13  | 1017.73    | 0.49    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:28:57 | DataFile Name :   | 009CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 497.28  | 498.44  | 496.75  | 497.49     | 0.17    | ppb   |
| Zirconium | 91-1 | 499.74  | 496.49  | 501.82  | 499.35     | 0.54    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:32:41 | DataFile Name :   | 010CAL5_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19399.81 | 19459.95 | 19240.31 | 19366.69   | 0.59    | ppb   |
| Antimony   | 121-1 | 995.56   | 987.76   | 999.08   | 994.13     | 0.58    | ppb   |
| Arsenic    | 75-2  | 999.73   | 999.81   | 996.79   | 998.78     | 0.17    | ppb   |
| Barium     | 135-1 | 4976.30  | 4927.65  | 4994.68  | 4966.21    | 0.70    | ppb   |
| Barium     | 137-1 | 5021.12  | 4933.06  | 5009.72  | 4987.97    | 0.96    | ppb   |
| Beryllium  | 9-1   | 1010.99  | 994.24   | 991.90   | 999.04     | 1.04    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 993.43   | 998.10   | 1008.00  | 999.85     | 0.74    | ppb   |
| Boron      | 11-1  | 1004.36  | 995.49   | 1009.35  | 1003.07    | 0.70    | ppb   |
| Cadmium    | 111-1 | 998.29   | 990.48   | 995.08   | 994.62     | 0.39    | ppb   |
| Cadmium    | 106-1 | 1007.46  | 984.24   | 989.52   | 993.74     | 1.22    | ppb   |
| Cadmium    | 108-1 | 1002.86  | 974.75   | 993.42   | 990.34     | 1.44    | ppb   |
| Calcium    | 43-1  | 94256.19 | 94298.68 | 95046.56 | 94533.81   | 0.47    | ppb   |
| Calcium    | 44-1  | 93560.25 | 93389.15 | 93915.57 | 93621.66   | 0.29    | ppb   |
| Chromium   | 52-2  | 1000.09  | 994.47   | 995.73   | 996.76     | 0.30    | ppb   |
| Cobalt     | 59-2  | 996.53   | 995.02   | 996.69   | 996.08     | 0.09    | ppb   |
| Copper     | 63-2  | 1985.05  | 1974.23  | 1970.30  | 1976.53    | 0.39    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 51086.91 | 50507.42 | 50607.15 | 50733.83   | 0.61    | ppb   |
| Iron       | 57-2  | 51503.52 | 51453.43 | 51399.13 | 51452.03   | 0.10    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1001.65  | 998.98   | 1001.77  | 1000.80    | 0.16    | ppb   |
| Lead       | 207-1 | 1000.43  | 998.80   | 1003.13  | 1000.78    | 0.22    | ppb   |
| Lead       | 208-1 | 997.78   | 1002.73  | 1001.93  | 1000.81    | 0.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 97556.59 | 96963.84 | 96034.94 | 96851.79   | 0.79    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:32:41 DataFile Name : 010CAL5\_P7042318- M9

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2003.45  | 1996.39  | 1989.36  | 1996.40    | 0.35    | ppb   |
| Molybdenum | 94-1  | 5002.76  | 4975.02  | 5011.04  | 4996.28    | 0.38    | ppb   |
| Molybdenum | 95-1  | 5003.07  | 4978.75  | 5013.89  | 4998.57    | 0.36    | ppb   |
| Molybdenum | 96-1  | 4992.42  | 4997.27  | 5028.59  | 5006.10    | 0.39    | ppb   |
| Molybdenum | 97-1  | 5012.14  | 5026.47  | 4982.92  | 5007.18    | 0.44    | ppb   |
| Molybdenum | 98-1  | 5018.61  | 5006.08  | 4982.45  | 5002.38    | 0.37    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 992.62   | 989.15   | 994.44   | 992.07     | 0.27    | ppb   |
| Phosphorus | 31-2  | 19860.74 | 19880.81 | 20137.03 | 19959.53   | 0.77    | ppb   |
| Potassium  | 39-2  | 48105.33 | 47733.14 | 47385.64 | 47741.37   | 0.75    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 982.35   | 1015.54  | 973.98   | 990.62     | 2.22    | ppb   |
| Selenium   | 78-2  | 997.38   | 1008.44  | 991.36   | 999.06     | 0.87    | ppb   |
| Selenium   | 82-1  | 993.73   | 994.05   | 991.94   | 993.24     | 0.11    | ppb   |
| Silicon    | 28-1  | 931.92   | 931.17   | 935.35   | 932.81     | 0.24    | ppb   |
| Silver     | 109-1 | 994.25   | 989.84   | 991.99   | 992.03     | 0.22    | ppb   |
| Silver     | 107-1 | 994.99   | 987.25   | 992.25   | 991.50     | 0.40    | ppb   |
| Sodium     | 23-2  | 97765.84 | 96373.46 | 96096.83 | 96745.38   | 0.92    | ppb   |
| Strontium  | 86-1  | 1002.76  | 998.05   | 997.08   | 999.30     | 0.30    | ppb   |
| Strontium  | 88-1  | 1000.78  | 997.50   | 997.60   | 998.63     | 0.19    | ppb   |
| Sulfur     | 34-1  | 20097.21 | 19946.12 | 20113.45 | 20052.26   | 0.46    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 1001.51  | 997.55   | 1002.88  | 1000.64    | 0.28    | ppb   |
| Thallium   | 205-1 | 1001.04  | 1000.04  | 1005.27  | 1002.12    | 0.28    | ppb   |
| Tin        | 118-1 | 999.13   | 994.72   | 996.59   | 996.81     | 0.22    | ppb   |
| Titanium   | 47-1  | 5004.60  | 4993.21  | 4985.35  | 4994.39    | 0.19    | ppb   |
| Uranium    | 238-1 | 1011.61  | 997.94   | 1002.32  | 1003.96    | 0.70    | ppb   |
| Vanadium   | 51-2  | 1004.02  | 995.18   | 1000.62  | 999.94     | 0.45    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 1981.75  | 1988.95  | 1982.89  | 1984.53    | 0.19    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:32:41 | DataFile Name :   | 010CALS_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1007.79 | 992.58  | 999.40  | 999.92     | 0.76    | ppb   |
| Zirconium | 91-1 | 1011.21 | 996.20  | 992.53  | 999.98     | 0.99    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CALS_P7042318- M8 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99862.55  | 100256.12 | 100357.83 | 100158.83  | 0.26    | ppb   |
| Antimony   | 121-1 | 1.60      | 1.70      | 1.94      | 1.75       | 9.89    | ppb   |
| Arsenic    | 75-2  | 1.72      | 1.58      | 1.66      | 1.65       | 4.39    | ppb   |
| Barium     | 135-1 | 1.56      | 1.45      | 1.50      | 1.50       | 3.63    | ppb   |
| Barium     | 137-1 | 1.39      | 1.53      | 1.53      | 1.48       | 5.56    | ppb   |
| Beryllium  | 9-1   | 0.20      | 0.13      | 0.18      | 0.17       | 21.72   | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 23.51     | 19.72     | 19.19     | 20.81      | 11.33   | ppb   |
| Boron      | 11-1  | 21.85     | 19.91     | 18.29     | 20.02      | 8.90    | ppb   |
| Cadmium    | 111-1 | 0.16      | 0.19      | 0.12      | 0.15       | 23.41   | ppb   |
| Cadmium    | 106-1 | 0.17      | 0.24      | -0.55     | -0.05      |         | ppb   |
| Cadmium    | 108-1 | 0.44      | 0.21      | 0.26      | 0.30       | 40.62   | ppb   |
| Calcium    | 43-1  | 503539.77 | 502298.88 | 498589.99 | 501476.22  | 0.51    | ppb   |
| Calcium    | 44-1  | 502770.84 | 501388.82 | 500867.00 | 501675.55  | 0.20    | ppb   |
| Chromium   | 52-2  | 26.72     | 26.95     | 26.88     | 26.85      | 0.44    | ppb   |
| Cobalt     | 59-2  | 11.57     | 11.77     | 11.71     | 11.68      | 0.90    | ppb   |
| Copper     | 63-2  | 2.17      | 2.14      | 2.09      | 2.13       | 2.00    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 248004.53 | 249945.43 | 251215.72 | 249721.89  | 0.65    | ppb   |
| Iron       | 57-2  | 247990.16 | 250364.78 | 250356.72 | 249570.55  | 0.55    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5.98      | 5.96      | 5.90      | 5.95       | 0.67    | ppb   |
| Lead       | 207-1 | 5.66      | 5.74      | 5.78      | 5.72       | 1.08    | ppb   |
| Lead       | 208-1 | 5.88      | 5.90      | 5.85      | 5.88       | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 496354.59 | 503068.23 | 502597.53 | 500673.45  | 0.75    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CAL5_P7042318- M5 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.50      | 7.49      | 7.27      | 7.42       | 1.75    | ppb   |
| Molybdenum | 94-1  | 5.25      | 5.19      | 5.28      | 5.24       | 0.82    | ppb   |
| Molybdenum | 95-1  | 7.06      | 6.94      | 6.93      | 6.98       | 1.08    | ppb   |
| Molybdenum | 96-1  | 7.47      | 7.13      | 7.41      | 7.34       | 2.46    | ppb   |
| Molybdenum | 97-1  | 7.10      | 6.84      | 7.13      | 7.02       | 2.32    | ppb   |
| Molybdenum | 98-1  | 6.77      | 6.79      | 6.77      | 6.78       | 0.16    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 24.77     | 24.59     | 24.91     | 24.76      | 0.63    | ppb   |
| Phosphorus | 31-2  | -15.10    | 2.43      | -4.08     | -5.58      |         | ppb   |
| Potassium  | 39-2  | 248706.11 | 251281.36 | 251724.47 | 250570.65  | 0.65    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 0.36      | 1.09      | 0.36      | 0.60       | 69.24   | ppb   |
| Selenium   | 78-2  | -0.04     | 1.19      | 1.59      | 0.92       | 92.85   | ppb   |
| Selenium   | 82-1  | 2.00      | 1.52      | 0.81      | 1.44       | 41.78   | ppb   |
| Silicon    | 28-1  | 119.96    | 123.23    | 123.78    | 122.32     | 1.69    | ppb   |
| Silver     | 109-1 | 0.08      | 0.09      | 0.08      | 0.09       | 6.67    | ppb   |
| Silver     | 107-1 | 0.09      | 0.07      | 0.12      | 0.09       | 24.84   | ppb   |
| Sodium     | 23-2  | 499030.37 | 500090.57 | 503096.10 | 500739.01  | 0.42    | ppb   |
| Strontium  | 86-1  | 33.95     | 35.04     | 34.59     | 34.53      | 1.59    | ppb   |
| Strontium  | 88-1  | 34.82     | 34.74     | 34.46     | 34.67      | 0.55    | ppb   |
| Sulfur     | 34-1  | -2552.14  | -2366.86  | -2414.16  | -2444.39   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 0.55      | 0.52      | 0.46      | 0.51       | 9.11    | ppb   |
| Thallium   | 205-1 | 0.51      | 0.48      | 0.48      | 0.49       | 3.53    | ppb   |
| Tin        | 118-1 | 2.51      | 2.48      | 2.42      | 2.47       | 1.79    | ppb   |
| Titanium   | 47-1  | 2.64      | 2.58      | 2.63      | 2.62       | 1.28    | ppb   |
| Uranium    | 238-1 | 0.07      | 0.07      | 0.06      | 0.07       | 8.07    | ppb   |
| Vanadium   | 51-2  | 0.46      | 0.47      | 0.43      | 0.45       | 4.82    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 9.55      | 9.38      | 10.09     | 9.67       | 3.83    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CALS_P7042318- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.21    | 0.21    | 0.17    | 0.20       | 10.47   | ppb   |
| Zirconium | 91-1 | 0.18    | 0.19    | 0.18    | 0.18       | 1.97    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-04-23 14:55:36 | DataFile Name :   | 012ICV01_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 542.50  | 543.60  | 542.86  | 542.99     | 0.10    | ppb   |
| Antimony   | 121-1 | 203.88  | 199.77  | 202.76  | 202.14     | 1.05    | ppb   |
| Arsenic    | 75-2  | 205.78  | 204.11  | 205.35  | 205.08     | 0.42    | ppb   |
| Barium     | 135-1 | 100.94  | 102.11  | 101.30  | 101.45     | 0.59    | ppb   |
| Barium     | 137-1 | 101.78  | 101.43  | 101.78  | 101.66     | 0.20    | ppb   |
| Beryllium  | 9-1   | 99.15   | 99.48   | 99.84   | 99.49      | 0.35    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 556.28  | 564.96  | 578.74  | 566.66     | 2.00    | ppb   |
| Boron      | 11-1  | 547.48  | 565.79  | 566.21  | 559.83     | 1.91    | ppb   |
| Cadmium    | 111-1 | 108.79  | 106.36  | 108.59  | 107.91     | 1.25    | ppb   |
| Cadmium    | 106-1 | 194.28  | 190.36  | 192.36  | 192.33     | 1.02    | ppb   |
| Cadmium    | 108-1 | 153.06  | 144.34  | 152.13  | 149.84     | 3.19    | ppb   |
| Calcium    | 43-1  | 2149.07 | 2097.47 | 2128.49 | 2125.01    | 1.22    | ppb   |
| Calcium    | 44-1  | 2007.43 | 2007.38 | 1997.15 | 2003.99    | 0.30    | ppb   |
| Chromium   | 52-2  | 98.40   | 98.09   | 99.02   | 98.50      | 0.48    | ppb   |
| Cobalt     | 59-2  | 101.07  | 101.68  | 101.90  | 101.55     | 0.43    | ppb   |
| Copper     | 63-2  | 104.09  | 104.54  | 105.60  | 104.75     | 0.74    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1024.58 | 1025.44 | 1041.83 | 1030.62    | 0.94    | ppb   |
| Iron       | 57-2  | 1031.19 | 1029.29 | 1043.73 | 1034.73    | 0.76    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 197.61  | 199.56  | 200.41  | 199.19     | 0.72    | ppb   |
| Lead       | 207-1 | 189.39  | 190.57  | 191.39  | 190.45     | 0.53    | ppb   |
| Lead       | 208-1 | 196.01  | 196.52  | 198.03  | 196.86     | 0.53    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1204.70 | 1198.44 | 1210.12 | 1204.42    | 0.49    | ppb   |



|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-04-23 14:55:36 | DataFile Name :   | 012ICV01_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 99.11   | 99.46   | 100.07  | 99.55      | 0.48    | ppb   |
| Molybdenum | 94-1  | 1237.41 | 1233.01 | 1233.29 | 1234.57    | 0.20    | ppb   |
| Molybdenum | 95-1  | 553.16  | 555.03  | 554.09  | 554.09     | 0.17    | ppb   |
| Molybdenum | 96-1  | 637.41  | 639.06  | 639.31  | 638.59     | 0.16    | ppb   |
| Molybdenum | 97-1  | 550.08  | 546.83  | 547.26  | 548.06     | 0.32    | ppb   |
| Molybdenum | 98-1  | 552.92  | 554.13  | 556.04  | 554.36     | 0.28    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 103.04  | 104.61  | 104.02  | 103.89     | 0.76    | ppb   |
| Phosphorus | 31-2  | -5.26   | 0.08    | -4.56   | -3.24      |         | ppb   |
| Potassium  | 39-2  | 2000.77 | 1995.17 | 2005.99 | 2000.64    | 0.27    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 204.96  | 195.94  | 202.44  | 201.11     | 2.32    | ppb   |
| Selenium   | 78-2  | 211.72  | 211.53  | 206.68  | 209.98     | 1.36    | ppb   |
| Selenium   | 82-1  | 209.44  | 208.97  | 210.91  | 209.78     | 0.48    | ppb   |
| Silicon    | 28-1  | 597.46  | 596.27  | 595.93  | 596.56     | 0.13    | ppb   |
| Silver     | 109-1 | 106.87  | 103.76  | 105.85  | 105.49     | 1.50    | ppb   |
| Silver     | 107-1 | 107.35  | 105.38  | 105.66  | 106.13     | 1.01    | ppb   |
| Sodium     | 23-2  | 2034.15 | 2010.81 | 2016.37 | 2020.44    | 0.60    | ppb   |
| Strontium  | 86-1  | 555.41  | 553.42  | 553.45  | 554.09     | 0.21    | ppb   |
| Strontium  | 88-1  | 554.25  | 552.75  | 551.81  | 552.94     | 0.22    | ppb   |
| Sulfur     | 34-1  | -286.57 | -447.67 | -495.21 | -409.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 198.96  | 198.72  | 200.58  | 199.42     | 0.51    | ppb   |
| Thallium   | 205-1 | 202.43  | 203.36  | 205.00  | 203.60     | 0.64    | ppb   |
| Tin        | 118-1 | 578.46  | 569.06  | 577.39  | 574.97     | 0.90    | ppb   |
| Titanium   | 47-1  | 553.34  | 553.54  | 551.85  | 552.91     | 0.17    | ppb   |
| Uranium    | 238-1 | 527.15  | 522.38  | 528.53  | 526.02     | 0.61    | ppb   |
| Vanadium   | 51-2  | 98.09   | 98.16   | 99.74   | 98.66      | 0.95    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 201.04  | 202.95  | 201.17  | 201.72     | 0.53    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-04-23 14:55:36 | DataFile Name :   | 012ICV01_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 553.12  | 550.88  | 557.00  | 553.67     | 0.56    | ppb   |
| Zirconium | 91-1 | 553.49  | 548.68  | 553.12  | 551.77     | 0.49    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:59:21 | DataFile Name :   | 013CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.17    | -0.21   | 0.18    | 0.05       | 457.83  | ppb   |
| Antimony   | 121-1 | 0.17    | 0.22    | 0.31    | 0.24       | 30.98   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.02    | 0.04    | 0.02       | 84.29   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 0.00       | 146.52  | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.03    | 0.02    | 0.04       | 53.35   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 7.34    | 6.24    | 6.84    | 6.81       | 8.05    | ppb   |
| Boron      | 11-1  | 7.19    | 6.84    | 6.42    | 6.81       | 5.63    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.08    | 0.01    | 0.05       | 72.35   | ppb   |
| Cadmium    | 106-1 | 0.74    | 1.45    | 0.15    | 0.78       | 82.87   | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.02    | -0.03   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -3.65   | -3.39   | -6.10   | -4.38      |         | ppb   |
| Calcium    | 44-1  | -4.13   | -2.47   | -4.14   | -3.58      |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.02    | 0.01       | 92.31   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.07    | 0.03    | 0.03       | 136.07  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | -0.50   | -0.57   | -0.45   | -0.51      |         | ppb   |
| Iron       | 57-2  | -1.42   | -1.07   | 1.34    | -0.38      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.07    | 0.07       | 4.14    | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.06    | 0.06       | 3.96    | ppb   |
| Lead       | 208-1 | 0.06    | 0.07    | 0.07    | 0.07       | 9.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 0.15    | 0.50    | 0.60    | 0.42       | 56.56   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 14:59:21 | DataFile Name :   | 013CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.10    | 0.12    | 0.05    | 0.09       | 42.80   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.09    | 0.11    | 0.10       | 13.64   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.10    | 0.13    | 0.12       | 12.69   | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.12    | 0.11    | 0.12       | 6.17    | ppb   |
| Molybdenum | 98-1  | 0.12    | 0.09    | 0.09    | 0.10       | 16.94   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -14.48  | 25.47   | 3.60    | 4.86       | 411.21  | ppb   |
| Potassium  | 39-2  | 7.44    | 8.79    | 10.70   | 8.98       | 18.22   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 0.35    | 0.35    | 0.00    | 0.24       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.50    | 0.49    | 0.39    | 0.46       | 13.29   | ppb   |
| Selenium   | 82-1  | 0.57    | -0.46   | 0.65    | 0.25       | 244.79  | ppb   |
| Silicon    | 28-1  | -3.25   | -4.07   | -3.87   | -3.73      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 55.91   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 71.08   | ppb   |
| Sodium     | 23-2  | 22.35   | 23.18   | 25.63   | 23.72      | 7.19    | ppb   |
| Strontium  | 86-1  | -0.06   | 0.01    | 0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.00    | 0.00       | 43.49   | ppb   |
| Sulfur     | 34-1  | -840.85 | -782.04 | -667.85 | -763.58    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.03    | 0.04       | 19.82   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.66    | ppb   |
| Tin        | 118-1 | 0.12    | 0.13    | 0.12    | 0.12       | 4.17    | ppb   |
| Titanium   | 47-1  | 0.00    | 0.07    | 0.02    | 0.03       | 127.33  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.44   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | -0.37   | -0.25   | -0.27   | -0.30      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 14:59:21 | DataFile Name :   | 013CCBE_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.01    | 0.01    | 0.01       | 119.11  | ppb   |
| Zirconium | 91-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:08:15 DataFile Name : 015ICSA01\_P7042318-1

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 88348.50 | 88454.33 | 88299.63 | 88367.48   | 0.09    | ppb   |
| Antimony   | 121-1 | 1.17     | 1.12     | 1.15     | 1.15       | 2.29    | ppb   |
| Arsenic    | 75-2  | 0.31     | 0.35     | 0.33     | 0.33       | 6.88    | ppb   |
| Barium     | 135-1 | 1.56     | 1.48     | 1.37     | 1.47       | 6.42    | ppb   |
| Barium     | 137-1 | 1.51     | 1.56     | 1.58     | 1.55       | 2.27    | ppb   |
| Beryllium  | 9-1   | 0.34     | 0.30     | 0.27     | 0.30       | 11.06   | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 2.66     | 2.98     | 2.77     | 2.80       | 5.68    | ppb   |
| Boron      | 11-1  | 2.79     | 2.80     | 2.91     | 2.84       | 2.39    | ppb   |
| Cadmium    | 111-1 | 0.33     | 0.27     | 0.23     | 0.28       | 18.19   | ppb   |
| Cadmium    | 106-1 | -2.35    | -1.94    | -1.39    | -1.89      |         | ppb   |
| Cadmium    | 108-1 | 8.47     | 8.44     | 9.40     | 8.77       | 6.22    | ppb   |
| Calcium    | 43-1  | 92471.39 | 92048.97 | 92774.85 | 92431.74   | 0.39    | ppb   |
| Calcium    | 44-1  | 92133.91 | 91792.10 | 92771.99 | 92232.66   | 0.54    | ppb   |
| Chromium   | 52-2  | 22.40    | 22.17    | 22.01    | 22.19      | 0.88    | ppb   |
| Cobalt     | 59-2  | 1.16     | 1.18     | 1.18     | 1.17       | 1.05    | ppb   |
| Copper     | 63-2  | 7.65     | 7.81     | 7.63     | 7.70       | 1.26    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 97956.69 | 97975.57 | 97039.13 | 97657.13   | 0.55    | ppb   |
| Iron       | 57-2  | 98167.16 | 98157.16 | 96753.22 | 97692.51   | 0.83    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 4.65     | 4.56     | 4.56     | 4.59       | 1.16    | ppb   |
| Lead       | 207-1 | 4.11     | 3.91     | 4.01     | 4.01       | 2.55    | ppb   |
| Lead       | 208-1 | 4.27     | 4.22     | 4.27     | 4.26       | 0.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 92264.91 | 91846.24 | 91099.61 | 91736.92   | 0.64    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:08:15 | DataFile Name :   | 015ICSA01_P7042318-1 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 8.06      | 8.19      | 7.98      | 8.08       | 1.32    | ppb   |
| Molybdenum | 94-1  | 1351.78   | 1360.51   | 1357.37   | 1356.55    | 0.33    | ppb   |
| Molybdenum | 95-1  | 1913.96   | 1925.73   | 1927.89   | 1922.53    | 0.39    | ppb   |
| Molybdenum | 96-1  | 1842.88   | 1845.92   | 1864.29   | 1851.03    | 0.63    | ppb   |
| Molybdenum | 97-1  | 1929.13   | 1916.41   | 1944.00   | 1929.85    | 0.72    | ppb   |
| Molybdenum | 98-1  | 1912.85   | 1904.32   | 1932.90   | 1916.69    | 0.77    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 7.82      | 8.12      | 7.80      | 7.91       | 2.22    | ppb   |
| Phosphorus | 31-2  | 98327.01  | 98719.04  | 98226.23  | 98424.09   | 0.26    | ppb   |
| Potassium  | 39-2  | 94687.79  | 94613.49  | 94323.85  | 94541.71   | 0.20    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 0.36      | 0.36      | 1.08      | 0.60       | 69.33   | ppb   |
| Selenium   | 78-2  | 0.86      | 1.26      | 1.09      | 1.07       | 18.97   | ppb   |
| Selenium   | 82-1  | 0.79      | 0.40      | 0.48      | 0.56       | 36.93   | ppb   |
| Silicon    | 28-1  | 18.44     | 18.51     | 19.54     | 18.83      | 3.28    | ppb   |
| Silver     | 109-1 | 0.09      | 0.12      | 0.12      | 0.11       | 14.57   | ppb   |
| Silver     | 107-1 | 0.10      | 0.13      | 0.12      | 0.12       | 13.38   | ppb   |
| Sodium     | 23-2  | 94279.32  | 94267.82  | 93174.65  | 93907.26   | 0.68    | ppb   |
| Strontium  | 86-1  | 33.77     | 32.86     | 33.49     | 33.37      | 1.40    | ppb   |
| Strontium  | 88-1  | 33.24     | 32.59     | 33.15     | 32.99      | 1.07    | ppb   |
| Sulfur     | 34-1  | 105463.20 | 104872.94 | 105836.08 | 105390.74  | 0.46    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 0.11      | 0.11      | 0.09      | 0.10       | 9.66    | ppb   |
| Thallium   | 205-1 | 0.11      | 0.12      | 0.10      | 0.11       | 6.51    | ppb   |
| Tin        | 118-1 | 0.24      | 0.25      | 0.26      | 0.25       | 3.22    | ppb   |
| Titanium   | 47-1  | 1959.57   | 1967.99   | 1973.66   | 1967.07    | 0.36    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 5.19    | ppb   |
| Vanadium   | 51-2  | 0.19      | 0.20      | 0.20      | 0.20       | 4.02    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 102        |         | %     |
| Zinc       | 66-2  | 11.41     | 11.37     | 11.34     | 11.37      | 0.31    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:08:15 | DataFile Name :   | 015ICSA01_P7042318-1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.14    | ppb   |
| Zirconium | 91-1 | 0.04    | 0.02    | 0.00    | 0.02       | 111.97  | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 89460.78 | 88976.46 | 89035.30 | 89157.52   | 0.30    | ppb   |
| Antimony   | 121-1 | 20.83    | 20.79    | 20.56    | 20.73      | 0.70    | ppb   |
| Arsenic    | 75-2  | 20.03    | 20.37    | 20.82    | 20.41      | 1.94    | ppb   |
| Barium     | 135-1 | 21.60    | 21.12    | 21.27    | 21.33      | 1.15    | ppb   |
| Barium     | 137-1 | 21.43    | 21.12    | 21.41    | 21.32      | 0.82    | ppb   |
| Beryllium  | 9-1   | 20.30    | 20.11    | 19.96    | 20.12      | 0.85    | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 65.49    | 59.77    | 66.59    | 63.95      | 5.72    | ppb   |
| Boron      | 11-1  | 63.84    | 64.92    | 65.03    | 64.60      | 1.02    | ppb   |
| Cadmium    | 111-1 | 20.22    | 19.43    | 20.09    | 19.91      | 2.12    | ppb   |
| Cadmium    | 106-1 | 26.54    | 22.87    | 26.24    | 25.22      | 8.09    | ppb   |
| Cadmium    | 108-1 | 31.45    | 31.22    | 32.00    | 31.56      | 1.27    | ppb   |
| Calcium    | 43-1  | 91813.20 | 92251.21 | 91701.42 | 91921.95   | 0.32    | ppb   |
| Calcium    | 44-1  | 91829.31 | 92025.67 | 92510.03 | 92121.67   | 0.38    | ppb   |
| Chromium   | 52-2  | 42.98    | 42.13    | 42.37    | 42.49      | 1.03    | ppb   |
| Cobalt     | 59-2  | 20.19    | 20.30    | 20.47    | 20.32      | 0.67    | ppb   |
| Copper     | 63-2  | 27.55    | 27.25    | 27.03    | 27.28      | 0.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 99562.50 | 98774.01 | 98642.10 | 98992.87   | 0.50    | ppb   |
| Iron       | 57-2  | 99058.08 | 98763.43 | 98189.97 | 98670.49   | 0.45    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 24.78    | 24.59    | 24.48    | 24.62      | 0.63    | ppb   |
| Lead       | 207-1 | 22.74    | 22.69    | 22.52    | 22.65      | 0.50    | ppb   |
| Lead       | 208-1 | 23.57    | 23.50    | 23.53    | 23.53      | 0.16    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 93289.62 | 92511.54 | 92634.62 | 92811.93   | 0.45    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 27.75     | 28.01     | 27.63     | 27.80      | 0.71    | ppb   |
| Molybdenum | 94-1  | 1501.22   | 1493.90   | 1486.58   | 1493.90    | 0.49    | ppb   |
| Molybdenum | 95-1  | 1971.76   | 1978.94   | 1975.60   | 1975.43    | 0.18    | ppb   |
| Molybdenum | 96-1  | 1898.24   | 1902.95   | 1910.30   | 1903.83    | 0.32    | ppb   |
| Molybdenum | 97-1  | 1992.78   | 1990.97   | 1978.07   | 1987.27    | 0.40    | ppb   |
| Molybdenum | 98-1  | 1989.30   | 1968.25   | 1973.65   | 1977.07    | 0.55    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 27.56     | 27.96     | 27.19     | 27.57      | 1.39    | ppb   |
| Phosphorus | 31-2  | 100794.77 | 99677.73  | 100318.40 | 100263.64  | 0.56    | ppb   |
| Potassium  | 39-2  | 96609.98  | 95434.58  | 95254.28  | 95766.28   | 0.77    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 21.67     | 20.05     | 17.65     | 19.79      | 10.23   | ppb   |
| Selenium   | 78-2  | 19.57     | 22.31     | 18.55     | 20.14      | 9.67    | ppb   |
| Selenium   | 82-1  | 20.91     | 19.76     | 20.56     | 20.41      | 2.88    | ppb   |
| Silicon    | 28-1  | 82.83     | 84.77     | 83.53     | 83.71      | 1.17    | ppb   |
| Silver     | 109-1 | 18.90     | 18.74     | 18.95     | 18.86      | 0.58    | ppb   |
| Silver     | 107-1 | 19.14     | 18.80     | 18.93     | 18.96      | 0.90    | ppb   |
| Sodium     | 23-2  | 95062.41  | 94284.41  | 94234.03  | 94526.95   | 0.49    | ppb   |
| Strontium  | 86-1  | 92.39     | 92.79     | 92.72     | 92.64      | 0.23    | ppb   |
| Strontium  | 88-1  | 93.56     | 92.96     | 93.33     | 93.28      | 0.32    | ppb   |
| Sulfur     | 34-1  | 104184.59 | 105330.69 | 105521.47 | 105012.25  | 0.69    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 19.86     | 20.00     | 19.41     | 19.76      | 1.57    | ppb   |
| Thallium   | 205-1 | 20.08     | 20.00     | 19.79     | 19.96      | 0.75    | ppb   |
| Tin        | 118-1 | 60.62     | 59.77     | 60.13     | 60.17      | 0.71    | ppb   |
| Titanium   | 47-1  | 2032.39   | 2042.82   | 2033.58   | 2036.26    | 0.28    | ppb   |
| Uranium    | 238-1 | 59.08     | 59.36     | 59.63     | 59.36      | 0.46    | ppb   |
| Vanadium   | 51-2  | 19.34     | 19.36     | 19.51     | 19.41      | 0.48    | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 103        |         | %     |
| Zinc       | 66-2  | 30.19     | 30.45     | 30.49     | 30.38      | 0.53    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 60.54   | 60.68   | 60.47   | 60.56      | 0.17    | ppb   |
| Zirconium | 91-1 | 60.02   | 61.13   | 60.10   | 60.42      | 1.03    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51294.84  | 51718.96  | 51855.00  | 51622.93   | 0.57    | ppb   |
| Antimony   | 121-1 | 515.18    | 513.54    | 514.84    | 514.52     | 0.17    | ppb   |
| Arsenic    | 75-2  | 515.07    | 515.86    | 507.96    | 512.96     | 0.85    | ppb   |
| Barium     | 135-1 | 2590.31   | 2571.81   | 2586.12   | 2582.75    | 0.38    | ppb   |
| Barium     | 137-1 | 2544.78   | 2537.61   | 2554.35   | 2545.58    | 0.33    | ppb   |
| Beryllium  | 9-1   | 519.76    | 522.08    | 518.25    | 520.03     | 0.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 515.42    | 512.00    | 518.47    | 515.30     | 0.63    | ppb   |
| Boron      | 11-1  | 509.58    | 515.77    | 520.46    | 515.27     | 1.06    | ppb   |
| Cadmium    | 111-1 | 502.20    | 498.24    | 499.26    | 499.90     | 0.41    | ppb   |
| Cadmium    | 106-1 | 508.23    | 506.90    | 503.12    | 506.08     | 0.52    | ppb   |
| Cadmium    | 108-1 | 503.96    | 519.14    | 497.42    | 506.84     | 2.20    | ppb   |
| Calcium    | 43-1  | 237191.73 | 238900.19 | 237708.07 | 237933.33  | 0.37    | ppb   |
| Calcium    | 44-1  | 237638.04 | 238612.10 | 236339.91 | 237530.02  | 0.48    | ppb   |
| Chromium   | 52-2  | 509.07    | 511.46    | 509.56    | 510.03     | 0.25    | ppb   |
| Cobalt     | 59-2  | 482.08    | 486.36    | 481.68    | 483.37     | 0.54    | ppb   |
| Copper     | 63-2  | 950.96    | 968.90    | 958.48    | 959.45     | 0.94    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 125738.42 | 126035.46 | 126317.24 | 126030.37  | 0.23    | ppb   |
| Iron       | 57-2  | 125535.80 | 126267.24 | 125862.01 | 125888.35  | 0.29    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 516.41    | 517.12    | 517.12    | 516.88     | 0.08    | ppb   |
| Lead       | 207-1 | 513.23    | 513.48    | 514.23    | 513.65     | 0.10    | ppb   |
| Lead       | 208-1 | 514.67    | 515.52    | 515.07    | 515.09     | 0.08    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 240909.69 | 242435.54 | 242510.84 | 241952.02  | 0.37    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 988.44    | 995.60    | 994.61    | 992.88     | 0.39    | ppb   |
| Molybdenum | 94-1  | 2550.36   | 2581.16   | 2559.13   | 2563.55    | 0.62    | ppb   |
| Molybdenum | 95-1  | 2547.71   | 2583.02   | 2568.49   | 2566.41    | 0.69    | ppb   |
| Molybdenum | 96-1  | 2539.92   | 2570.26   | 2548.40   | 2552.86    | 0.61    | ppb   |
| Molybdenum | 97-1  | 2551.19   | 2591.62   | 2548.26   | 2563.69    | 0.95    | ppb   |
| Molybdenum | 98-1  | 2556.47   | 2581.49   | 2555.95   | 2564.64    | 0.57    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 489.48    | 495.64    | 490.51    | 491.87     | 0.67    | ppb   |
| Phosphorus | 31-2  | 10400.34  | 10446.83  | 10676.55  | 10507.91   | 1.41    | ppb   |
| Potassium  | 39-2  | 123701.76 | 123591.55 | 124042.74 | 123778.68  | 0.19    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 499.17    | 489.01    | 498.87    | 495.68     | 1.17    | ppb   |
| Selenium   | 78-2  | 509.96    | 508.83    | 507.90    | 508.90     | 0.20    | ppb   |
| Selenium   | 82-1  | 504.60    | 507.43    | 502.59    | 504.88     | 0.48    | ppb   |
| Silicon    | 28-1  | 620.40    | 633.50    | 631.37    | 628.42     | 1.12    | ppb   |
| Silver     | 109-1 | 504.23    | 502.46    | 500.36    | 502.35     | 0.39    | ppb   |
| Silver     | 107-1 | 503.59    | 505.73    | 498.41    | 502.58     | 0.75    | ppb   |
| Sodium     | 23-2  | 242988.92 | 243982.73 | 244791.53 | 243921.06  | 0.37    | ppb   |
| Strontium  | 86-1  | 514.36    | 525.76    | 519.71    | 519.94     | 1.10    | ppb   |
| Strontium  | 88-1  | 520.46    | 524.68    | 522.84    | 522.66     | 0.41    | ppb   |
| Sulfur     | 34-1  | 9059.65   | 9263.34   | 9254.09   | 9192.36    | 1.25    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 518.17    | 519.31    | 517.55    | 518.34     | 0.17    | ppb   |
| Thallium   | 205-1 | 516.38    | 512.53    | 515.13    | 514.68     | 0.38    | ppb   |
| Tin        | 118-1 | 513.23    | 507.96    | 506.77    | 509.32     | 0.67    | ppb   |
| Titanium   | 47-1  | 2554.37   | 2555.98   | 2557.39   | 2555.91    | 0.06    | ppb   |
| Uranium    | 238-1 | 523.19    | 521.15    | 519.59    | 521.31     | 0.35    | ppb   |
| Vanadium   | 51-2  | 500.96    | 503.95    | 502.07    | 502.32     | 0.30    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 968.18    | 976.82    | 969.15    | 971.38     | 0.49    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 513.96  | 515.10  | 518.20  | 515.76     | 0.43    | ppb   |
| Zirconium | 91-1 | 512.68  | 513.09  | 511.84  | 512.54     | 0.12    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:19:01 | DataFile Name :   | 018CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.97    | 1.80    | 1.86    | 1.87       | 4.69    | ppb   |
| Antimony   | 121-1 | 0.48    | 0.58    | 0.64    | 0.57       | 14.36   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.03    | 0.01    | 0.03       | 53.07   | ppb   |
| Barium     | 135-1 | 0.06    | 0.09    | 0.07    | 0.07       | 20.99   | ppb   |
| Barium     | 137-1 | 0.07    | 0.08    | 0.10    | 0.08       | 17.26   | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.05    | 0.07    | 0.06       | 15.75   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 10.04   | 10.38   | 8.31    | 9.57       | 11.58   | ppb   |
| Boron      | 11-1  | 9.90    | 9.17    | 8.68    | 9.25       | 6.65    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.08    | -0.02   | 0.04       | 132.22  | ppb   |
| Cadmium    | 106-1 | 0.69    | 1.08    | -0.46   | 0.44       | 182.09  | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 0.88    | -0.02   | -0.06   | 0.26       | 201.10  | ppb   |
| Calcium    | 44-1  | 3.26    | 1.50    | 0.39    | 1.72       | 84.07   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.00    | 0.01       | 87.15   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.14    | 0.12    | 0.12    | 0.13       | 11.41   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 6.16    | 5.50    | 4.87    | 5.51       | 11.76   | ppb   |
| Iron       | 57-2  | 6.97    | 6.34    | 5.95    | 6.42       | 8.01    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.12    | 0.12    | 0.11       | 13.43   | ppb   |
| Lead       | 207-1 | 0.11    | 0.11    | 0.11    | 0.11       | 4.30    | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.12    | 0.12       | 2.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 3.85    | 3.92    | 3.56    | 3.78       | 5.04    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:19:01 | DataFile Name :   | 018CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.03    | -0.05    | -0.03    | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.42     | 0.46     | 0.44     | 0.44       | 4.87    | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.54     | 0.50     | 0.54       | 7.65    | ppb   |
| Molybdenum | 96-1  | 0.62     | 0.60     | 0.53     | 0.58       | 7.77    | ppb   |
| Molybdenum | 97-1  | 0.63     | 0.62     | 0.55     | 0.60       | 7.56    | ppb   |
| Molybdenum | 98-1  | 0.61     | 0.58     | 0.51     | 0.57       | 9.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -24.27   | -28.28   | -20.23   | -24.26     |         | ppb   |
| Potassium  | 39-2  | 39.54    | 38.60    | 36.27    | 38.14      | 4.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.36     | 0.36     | 0.00     | 0.24       | 86.60   | ppb   |
| Selenium   | 78-2  | -0.53    | 0.36     | -0.04    | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.75     | 1.01     | 1.10     | 0.95       | 19.04   | ppb   |
| Silicon    | 28-1  | -3.41    | -3.93    | -4.19    | -3.85      |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.04     | 0.04       | 8.48    | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.05     | 0.05       | 4.14    | ppb   |
| Sodium     | 23-2  | 87.66    | 84.54    | 81.69    | 84.63      | 3.53    | ppb   |
| Strontium  | 86-1  | 0.00     | -0.03    | 0.07     | 0.01       | 381.14  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 16.40   | ppb   |
| Sulfur     | 34-1  | -1635.12 | -1708.11 | -1686.12 | -1676.45   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.19     | 0.19     | 0.14     | 0.17       | 18.72   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.16     | 0.17     | 0.17       | 4.12    | ppb   |
| Tin        | 118-1 | 0.10     | 0.10     | 0.12     | 0.11       | 10.36   | ppb   |
| Titanium   | 47-1  | 0.10     | 0.06     | 0.06     | 0.07       | 34.22   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.10   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.00     | 0.01       | 72.44   | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | -0.41    | -0.35    | -0.35    | -0.37      |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:19:01 | DataFile Name :   | 018CCBE_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.02    | ppb   |
| Zirconium | 91-1 | 0.03    | 0.01    | 0.01    | 0.02       | 62.09   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.14   | 37.56   | 35.78   | 35.49      | 6.26    | ppb   |
| Antimony   | 121-1 | 5.09    | 5.04    | 5.16    | 5.10       | 1.23    | ppb   |
| Arsenic    | 75-2  | 1.05    | 0.95    | 0.89    | 0.96       | 8.54    | ppb   |
| Barium     | 135-1 | 8.79    | 9.37    | 9.40    | 9.19       | 3.77    | ppb   |
| Barium     | 137-1 | 9.02    | 9.34    | 9.25    | 9.20       | 1.77    | ppb   |
| Beryllium  | 9-1   | 1.02    | 1.03    | 1.06    | 1.03       | 1.96    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 24.85   | 24.77   | 25.95   | 25.19      | 2.62    | ppb   |
| Boron      | 11-1  | 25.46   | 26.49   | 26.22   | 26.06      | 2.05    | ppb   |
| Cadmium    | 111-1 | 1.03    | 0.94    | 1.07    | 1.01       | 6.82    | ppb   |
| Cadmium    | 106-1 | 3.14    | 1.00    | 2.73    | 2.29       | 49.64   | ppb   |
| Cadmium    | 108-1 | 1.07    | 1.27    | 1.11    | 1.15       | 9.28    | ppb   |
| Calcium    | 43-1  | 422.17  | 428.91  | 437.69  | 429.59     | 1.81    | ppb   |
| Calcium    | 44-1  | 433.04  | 431.22  | 428.24  | 430.83     | 0.56    | ppb   |
| Chromium   | 52-2  | 1.99    | 1.97    | 1.93    | 1.96       | 1.52    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.92    | 0.87    | 0.89       | 2.98    | ppb   |
| Copper     | 63-2  | 2.31    | 2.27    | 2.41    | 2.33       | 3.10    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 50.77   | 51.56   | 51.64   | 51.32      | 0.94    | ppb   |
| Iron       | 57-2  | 52.24   | 57.79   | 50.68   | 53.57      | 6.98    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.01    | 0.95    | 5.06    | 2.34       | 100.71  | ppb   |
| Lead       | 207-1 | 0.96    | 1.00    | 1.02    | 0.99       | 2.85    | ppb   |
| Lead       | 208-1 | 1.00    | 0.99    | 2.02    | 1.33       | 44.55   | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 445.86  | 451.63  | 443.20  | 446.89     | 0.96    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.12     | 1.09     | 0.99     | 1.07       | 6.24    | ppb   |
| Molybdenum | 94-1  | 4.88     | 4.53     | 4.78     | 4.73       | 3.83    | ppb   |
| Molybdenum | 95-1  | 4.66     | 4.72     | 4.68     | 4.69       | 0.63    | ppb   |
| Molybdenum | 96-1  | 4.79     | 4.58     | 4.77     | 4.72       | 2.43    | ppb   |
| Molybdenum | 97-1  | 4.58     | 4.46     | 4.60     | 4.55       | 1.72    | ppb   |
| Molybdenum | 98-1  | 4.54     | 4.48     | 4.70     | 4.57       | 2.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.31     | 1.20     | 1.15     | 1.22       | 6.62    | ppb   |
| Phosphorus | 31-2  | 1.25     | -13.99   | -19.07   | -10.60     |         | ppb   |
| Potassium  | 39-2  | 482.87   | 483.92   | 480.66   | 482.48     | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 5.06     | 5.00     | 5.33     | 5.13       | 3.47    | ppb   |
| Selenium   | 78-2  | 3.87     | 5.61     | 5.64     | 5.04       | 20.08   | ppb   |
| Selenium   | 82-1  | 5.79     | 5.23     | 4.46     | 5.16       | 13.00   | ppb   |
| Silicon    | 28-1  | 8.75     | 7.79     | 7.46     | 8.00       | 8.38    | ppb   |
| Silver     | 109-1 | 1.00     | 1.01     | 1.00     | 1.00       | 0.51    | ppb   |
| Silver     | 107-1 | 1.05     | 0.98     | 1.06     | 1.03       | 4.27    | ppb   |
| Sodium     | 23-2  | 511.21   | 512.23   | 514.69   | 512.71     | 0.35    | ppb   |
| Strontium  | 86-1  | 1.02     | 0.96     | 0.94     | 0.98       | 4.19    | ppb   |
| Strontium  | 88-1  | 0.93     | 0.96     | 0.93     | 0.94       | 2.04    | ppb   |
| Sulfur     | 34-1  | -1512.95 | -1603.74 | -1592.15 | -1569.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.97     | 0.97     | 0.92     | 0.95       | 3.07    | ppb   |
| Thallium   | 205-1 | 0.97     | 0.97     | 0.97     | 0.97       | 0.39    | ppb   |
| Tin        | 118-1 | 4.75     | 4.69     | 4.75     | 4.73       | 0.69    | ppb   |
| Titanium   | 47-1  | 4.84     | 4.80     | 4.52     | 4.72       | 3.73    | ppb   |
| Uranium    | 238-1 | 0.84     | 0.86     | 0.87     | 0.86       | 1.36    | ppb   |
| Vanadium   | 51-2  | 4.54     | 4.47     | 4.45     | 4.49       | 1.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 53.77    | 53.67    | 53.73    | 53.72      | 0.09    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.97    | 0.96    | 0.98    | 0.97       | 1.27    | ppb   |
| Zirconium | 91-1 | 0.98    | 1.00    | 0.95    | 0.98       | 2.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.06    | -0.39   | -0.26   | -0.20      |         | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.11    | 0.09       | 16.21   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.02    | 0.02       | 86.03   | ppb   |
| Barium     | 135-1 | 0.00    | 0.02    | -0.01   | 0.00       | 867.78  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 149.33  | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.04    | 0.03    | 0.03       | 21.88   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 4.06    | 3.96    | 3.73    | 3.91       | 4.37    | ppb   |
| Boron      | 11-1  | 4.21    | 4.14    | 4.03    | 4.13       | 2.17    | ppb   |
| Cadmium    | 111-1 | 0.09    | 0.09    | 0.08    | 0.09       | 5.35    | ppb   |
| Cadmium    | 106-1 | 1.73    | 1.70    | 1.47    | 1.63       | 8.63    | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.02    | 0.03       | 52.01   | ppb   |
| Calcium    | 43-1  | -2.07   | -1.58   | -2.81   | -2.15      |         | ppb   |
| Calcium    | 44-1  | -3.03   | -2.53   | -1.81   | -2.45      |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.01    | 0.01    | 0.01       | 38.27   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | 0.02    | 0.02       | 49.98   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | -0.25   | -0.37   | -0.28   | -0.30      |         | ppb   |
| Iron       | 57-2  | -0.31   | -0.39   | -0.42   | -0.37      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.07    | 0.05    | 0.05       | 39.95   | ppb   |
| Lead       | 207-1 | 0.05    | 0.06    | 0.05    | 0.06       | 5.74    | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.05    | 0.05       | 12.18   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 0.46    | 0.36    | 0.93    | 0.58       | 52.59   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.04   | -0.04   | -0.05    | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05     | 0.05       | 11.73   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.07    | 0.06     | 0.07       | 3.88    | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.07    | 0.07     | 0.07       | 7.90    | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.08    | 0.08     | 0.07       | 19.03   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.08    | 0.06     | 0.08       | 18.22   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.02    | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -13.96  | -17.90  | -6.72    | -12.86     |         | ppb   |
| Potassium  | 39-2  | 19.30   | 18.04   | 11.53    | 16.29      | 25.59   | ppb   |
| Rhodium    | 103-1 |         |         |          | 104        |         | %     |
| Rhodium    | 103-2 |         |         |          | 102        |         | %     |
| Scandium   | 45-1  |         |         |          | 106        |         | %     |
| Scandium   | 45-2  |         |         |          | 103        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.73     | 0.24       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.79    | 0.40    | 0.72     | 0.97       | 74.88   | ppb   |
| Selenium   | 82-1  | 0.50    | -0.11   | 0.77     | 0.39       | 116.17  | ppb   |
| Silicon    | 28-1  | -5.71   | -6.96   | -6.84    | -6.50      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02     | 0.02       | 5.46    | ppb   |
| Silver     | 107-1 | 0.00    | 0.02    | 0.02     | 0.02       | 65.03   | ppb   |
| Sodium     | 23-2  | 45.38   | 45.72   | 43.17    | 44.75      | 3.09    | ppb   |
| Strontium  | 86-1  | -0.03   | 0.02    | -0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -718.41 | -866.28 | -1007.96 | -864.22    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 103        |         | %     |
| Terbium    | 159-2 |         |         |          | 101        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.07    | 0.06     | 0.06       | 19.95   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06    | 0.06     | 0.06       | 5.89    | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | 0.00     | 0.01       | 118.46  | ppb   |
| Titanium   | 47-1  | 0.03    | 0.09    | 0.07     | 0.07       | 45.56   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00     | 0.00       | 98.40   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |          | 105        |         | %     |
| Yttrium    | 89-2  |         |         |          | 101        |         | %     |
| Zinc       | 66-2  | -0.33   | -0.36   | -0.35    | -0.35      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Zirconium | 91-1 | -0.02   | -0.01   | 0.02    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:29:41 | DataFile Name :   | 021SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.04   | 19.47   | 20.44   | 19.98      | 2.44    | ppb   |
| Antimony   | 121-1 | 2.00    | 1.95    | 1.93    | 1.96       | 1.89    | ppb   |
| Arsenic    | 75-2  | 0.99    | 0.95    | 0.96    | 0.97       | 2.12    | ppb   |
| Barium     | 135-1 | 9.79    | 9.60    | 9.66    | 9.68       | 1.00    | ppb   |
| Barium     | 137-1 | 9.16    | 9.63    | 9.19    | 9.33       | 2.80    | ppb   |
| Beryllium  | 9-1   | 1.05    | 0.95    | 0.96    | 0.99       | 5.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 23.56   | 26.27   | 25.75   | 25.20      | 5.70    | ppb   |
| Boron      | 11-1  | 23.16   | 25.07   | 25.95   | 24.73      | 5.76    | ppb   |
| Cadmium    | 111-1 | 1.08    | 1.02    | 1.07    | 1.06       | 3.25    | ppb   |
| Cadmium    | 106-1 | 3.25    | 1.96    | 1.84    | 2.35       | 33.28   | ppb   |
| Cadmium    | 108-1 | 0.82    | 0.75    | 0.85    | 0.81       | 6.07    | ppb   |
| Calcium    | 43-1  | 443.97  | 427.02  | 439.89  | 436.96     | 2.02    | ppb   |
| Calcium    | 44-1  | 433.70  | 428.63  | 429.89  | 430.74     | 0.61    | ppb   |
| Chromium   | 52-2  | 1.98    | 2.03    | 2.08    | 2.03       | 2.48    | ppb   |
| Cobalt     | 59-2  | 0.92    | 0.95    | 0.90    | 0.92       | 2.65    | ppb   |
| Copper     | 63-2  | 1.91    | 1.98    | 2.05    | 1.98       | 3.75    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 48.03   | 48.69   | 47.59   | 48.10      | 1.15    | ppb   |
| Iron       | 57-2  | 48.69   | 52.31   | 50.44   | 50.48      | 3.58    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.96    | 0.95    | 0.99    | 0.97       | 2.33    | ppb   |
| Lead       | 207-1 | 1.02    | 0.94    | 0.92    | 0.96       | 5.37    | ppb   |
| Lead       | 208-1 | 0.98    | 0.94    | 0.97    | 0.96       | 1.96    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 457.58  | 467.79  | 458.02  | 461.13     | 1.25    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:29:41 | DataFile Name :   | 021SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.00    | 0.98    | 0.97     | 0.98       | 1.55    | ppb   |
| Molybdenum | 94-1  | 4.58    | 4.84    | 4.68     | 4.70       | 2.73    | ppb   |
| Molybdenum | 95-1  | 4.66    | 4.68    | 4.62     | 4.66       | 0.62    | ppb   |
| Molybdenum | 96-1  | 4.64    | 4.70    | 4.71     | 4.68       | 0.89    | ppb   |
| Molybdenum | 97-1  | 4.67    | 4.71    | 4.70     | 4.69       | 0.48    | ppb   |
| Molybdenum | 98-1  | 4.63    | 4.74    | 4.65     | 4.67       | 1.30    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.01    | 1.09    | 0.99     | 1.03       | 5.06    | ppb   |
| Phosphorus | 31-2  | -0.23   | -8.28   | -15.11   | -7.87      |         | ppb   |
| Potassium  | 39-2  | 474.67  | 480.69  | 476.27   | 477.21     | 0.65    | ppb   |
| Rhodium    | 103-1 |         |         |          | 106        |         | %     |
| Rhodium    | 103-2 |         |         |          | 104        |         | %     |
| Scandium   | 45-1  |         |         |          | 107        |         | %     |
| Scandium   | 45-2  |         |         |          | 105        |         | %     |
| Selenium   | 77-2  | 6.99    | 2.46    | 4.87     | 4.77       | 47.55   | ppb   |
| Selenium   | 78-2  | 5.83    | 5.18    | 6.53     | 5.85       | 11.53   | ppb   |
| Selenium   | 82-1  | 5.54    | 5.76    | 4.72     | 5.34       | 10.23   | ppb   |
| Silicon    | 28-1  | 9.18    | 7.74    | 7.44     | 8.12       | 11.47   | ppb   |
| Silver     | 109-1 | 1.01    | 0.99    | 1.04     | 1.01       | 2.28    | ppb   |
| Silver     | 107-1 | 0.98    | 1.04    | 0.99     | 1.00       | 3.46    | ppb   |
| Sodium     | 23-2  | 499.98  | 504.52  | 495.76   | 500.09     | 0.88    | ppb   |
| Strontium  | 86-1  | 0.84    | 0.96    | 0.89     | 0.90       | 6.86    | ppb   |
| Strontium  | 88-1  | 0.96    | 0.99    | 0.95     | 0.97       | 2.09    | ppb   |
| Sulfur     | 34-1  | -796.31 | -807.43 | -1066.71 | -890.15    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 103        |         | %     |
| Terbium    | 159-2 |         |         |          | 103        |         | %     |
| Thallium   | 203-1 | 1.00    | 0.93    | 0.93     | 0.96       | 4.37    | ppb   |
| Thallium   | 205-1 | 0.96    | 0.94    | 0.93     | 0.95       | 1.42    | ppb   |
| Tin        | 118-1 | 4.75    | 4.85    | 4.89     | 4.83       | 1.51    | ppb   |
| Titanium   | 47-1  | 4.94    | 4.68    | 4.88     | 4.84       | 2.84    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.90    | 0.90     | 0.89       | 1.34    | ppb   |
| Vanadium   | 51-2  | 4.69    | 4.65    | 4.51     | 4.61       | 2.03    | ppb   |
| Yttrium    | 89-1  |         |         |          | 106        |         | %     |
| Yttrium    | 89-2  |         |         |          | 105        |         | %     |
| Zinc       | 66-2  | 1.91    | 1.70    | 1.86     | 1.82       | 5.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:29:41 | DataFile Name :   | 021SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.96    | 0.95    | 0.98    | 0.96       | 1.71    | ppb   |
| Zirconium | 91-1 | 0.89    | 0.98    | 0.97    | 0.95       | 5.00    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9838.51  | 9840.24  | 9747.66  | 9808.80    | 0.54    | ppb   |
| Antimony   | 121-1 | 518.00   | 510.61   | 509.72   | 512.77     | 0.89    | ppb   |
| Arsenic    | 75-2  | 508.77   | 507.17   | 507.09   | 507.67     | 0.19    | ppb   |
| Barium     | 135-1 | 2555.97  | 2540.85  | 2559.80  | 2552.21    | 0.39    | ppb   |
| Barium     | 137-1 | 2529.10  | 2515.84  | 2541.94  | 2528.96    | 0.52    | ppb   |
| Beryllium  | 9-1   | 508.38   | 505.08   | 504.38   | 505.95     | 0.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 507.06   | 496.59   | 506.45   | 503.37     | 1.17    | ppb   |
| Boron      | 11-1  | 496.59   | 495.51   | 500.19   | 497.43     | 0.49    | ppb   |
| Cadmium    | 111-1 | 516.79   | 507.13   | 509.75   | 511.22     | 0.98    | ppb   |
| Cadmium    | 106-1 | 514.33   | 507.57   | 517.73   | 513.21     | 1.01    | ppb   |
| Cadmium    | 108-1 | 523.16   | 517.18   | 517.62   | 519.32     | 0.64    | ppb   |
| Calcium    | 43-1  | 47423.57 | 46907.40 | 46639.99 | 46990.32   | 0.85    | ppb   |
| Calcium    | 44-1  | 47309.00 | 47067.48 | 46652.69 | 47009.72   | 0.71    | ppb   |
| Chromium   | 52-2  | 497.22   | 498.60   | 498.01   | 497.94     | 0.14    | ppb   |
| Cobalt     | 59-2  | 494.42   | 496.11   | 495.36   | 495.30     | 0.17    | ppb   |
| Copper     | 63-2  | 1011.21  | 1010.21  | 1014.08  | 1011.84    | 0.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 25712.34 | 25525.07 | 25479.18 | 25572.20   | 0.48    | ppb   |
| Iron       | 57-2  | 25533.74 | 25407.53 | 25316.85 | 25419.37   | 0.43    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 498.72   | 495.89   | 498.69   | 497.76     | 0.33    | ppb   |
| Lead       | 207-1 | 498.63   | 494.51   | 499.47   | 497.54     | 0.53    | ppb   |
| Lead       | 208-1 | 498.94   | 497.01   | 500.50   | 498.81     | 0.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 49525.69 | 49371.87 | 49393.00 | 49430.19   | 0.17    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 991.40   | 990.42   | 993.69   | 991.83     | 0.17    | ppb   |
| Molybdenum | 94-1  | 2504.70  | 2523.20  | 2526.30  | 2518.07    | 0.46    | ppb   |
| Molybdenum | 95-1  | 2494.53  | 2512.74  | 2506.44  | 2504.57    | 0.37    | ppb   |
| Molybdenum | 96-1  | 2487.65  | 2494.41  | 2501.71  | 2494.59    | 0.28    | ppb   |
| Molybdenum | 97-1  | 2497.17  | 2496.54  | 2503.70  | 2499.14    | 0.16    | ppb   |
| Molybdenum | 98-1  | 2490.07  | 2507.90  | 2510.78  | 2502.92    | 0.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 497.60   | 498.27   | 497.19   | 497.69     | 0.11    | ppb   |
| Phosphorus | 31-2  | 10084.68 | 10263.82 | 10205.89 | 10184.80   | 0.90    | ppb   |
| Potassium  | 39-2  | 24426.68 | 24324.69 | 24362.77 | 24371.38   | 0.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 542.90   | 503.44   | 504.05   | 516.80     | 4.37    | ppb   |
| Selenium   | 78-2  | 510.38   | 512.76   | 504.56   | 509.23     | 0.83    | ppb   |
| Selenium   | 82-1  | 511.75   | 504.28   | 506.40   | 507.48     | 0.76    | ppb   |
| Silicon    | 28-1  | 596.06   | 594.78   | 592.63   | 594.49     | 0.29    | ppb   |
| Silver     | 109-1 | 529.67   | 514.60   | 518.55   | 520.94     | 1.50    | ppb   |
| Silver     | 107-1 | 526.02   | 517.44   | 520.41   | 521.29     | 0.84    | ppb   |
| Sodium     | 23-2  | 49361.80 | 49103.18 | 49117.55 | 49194.18   | 0.30    | ppb   |
| Strontium  | 86-1  | 496.12   | 496.68   | 505.38   | 499.39     | 1.04    | ppb   |
| Strontium  | 88-1  | 503.79   | 500.01   | 505.58   | 503.13     | 0.57    | ppb   |
| Sulfur     | 34-1  | 10079.13 | 9422.97  | 9041.05  | 9514.38    | 5.52    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 496.88   | 494.07   | 492.78   | 494.58     | 0.42    | ppb   |
| Thallium   | 205-1 | 495.67   | 493.85   | 499.12   | 496.22     | 0.54    | ppb   |
| Tin        | 118-1 | 514.85   | 507.57   | 504.96   | 509.13     | 1.01    | ppb   |
| Titanium   | 47-1  | 2527.68  | 2504.64  | 2504.18  | 2512.17    | 0.53    | ppb   |
| Uranium    | 238-1 | 493.61   | 493.12   | 498.32   | 495.02     | 0.58    | ppb   |
| Vanadium   | 51-2  | 495.72   | 498.55   | 499.76   | 498.01     | 0.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 995.59   | 994.96   | 996.16   | 995.57     | 0.06    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 501.80  | 502.30  | 498.67  | 500.93     | 0.39    | ppb   |
| Zirconium | 91-1 | 499.78  | 497.75  | 498.06  | 498.53     | 0.22    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108279BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108279BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:36:51 | DataFile Name :   | 023CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.11   | 0.02    | -0.38   | -0.16      |         | ppb   |
| Antimony   | 121-1 | 0.39    | 0.52    | 0.59    | 0.50       | 20.26   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.03    | 0.03       | 31.23   | ppb   |
| Barium     | 135-1 | 0.07    | 0.08    | 0.05    | 0.07       | 22.41   | ppb   |
| Barium     | 137-1 | 0.07    | 0.10    | 0.10    | 0.09       | 16.59   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.07    | 0.05    | 0.07       | 27.97   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 6.88    | 8.62    | 7.12    | 7.54       | 12.49   | ppb   |
| Boron      | 11-1  | 8.27    | 8.12    | 7.18    | 7.86       | 7.51    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.04    | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.93   | 0.51    | -1.14   | -0.52      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.08   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -2.56   | -2.82   | -1.94   | -2.44      |         | ppb   |
| Calcium    | 44-1  | -2.71   | -1.81   | -1.86   | -2.13      |         | ppb   |
| Chromium   | 52-2  | 0.01    | 0.04    | 0.01    | 0.02       | 88.55   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.06    | 0.08    | 0.07       | 16.83   | 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 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.95    | 1.41    | 1.23    | 1.53       | 24.70   | ppb   |
| Iron       | 57-2  | 2.00    | 1.78    | 1.01    | 1.59       | 32.65   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.11    | 0.07    | 0.09       | 21.86   | ppb   |
| Lead       | 207-1 | 0.07    | 0.11    | 0.10    | 0.09       | 19.07   | ppb   |
| Lead       | 208-1 | 0.08    | 0.10    | 0.10    | 0.09       | 10.50   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 0.56    | 0.74    | 0.43    | 0.58       | 26.79   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108279BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108279BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:36:51 | DataFile Name :   | 023CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.03    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 94-1  | 0.33     | 0.30     | 0.24     | 0.29       | 16.19   | ppb   |
| Molybdenum | 95-1  | 0.51     | 0.42     | 0.42     | 0.45       | 10.89   | ppb   |
| Molybdenum | 96-1  | 0.46     | 0.40     | 0.35     | 0.40       | 13.65   | ppb   |
| Molybdenum | 97-1  | 0.50     | 0.37     | 0.42     | 0.43       | 15.03   | ppb   |
| Molybdenum | 98-1  | 0.45     | 0.43     | 0.37     | 0.42       | 10.44   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -18.55   | -23.18   | -29.61   | -23.78     |         | ppb   |
| Potassium  | 39-2  | 14.24    | 12.80    | 13.35    | 13.46      | 5.39    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.36     | 0.00     | 0.36     | 0.24       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.84     | 1.73     | 0.03     | 0.87       | 97.71   | ppb   |
| Selenium   | 82-1  | 0.02     | 0.61     | 0.25     | 0.30       | 100.88  | ppb   |
| Silicon    | 28-1  | -4.87    | -4.70    | -4.68    | -4.75      |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03     | 0.03       | 19.89   | ppb   |
| Silver     | 107-1 | 0.03     | 0.04     | 0.03     | 0.03       | 22.56   | ppb   |
| Sodium     | 23-2  | 37.81    | 39.59    | 37.69    | 38.37      | 2.77    | ppb   |
| Strontium  | 86-1  | 0.02     | -0.04    | -0.06    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 55.11   | ppb   |
| Sulfur     | 34-1  | -2487.82 | -2452.86 | -2364.69 | -2435.12   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.10     | 0.08     | 0.10       | 20.29   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.11     | 0.10     | 0.11       | 11.91   | ppb   |
| Tin        | 118-1 | 0.07     | 0.06     | 0.07     | 0.06       | 8.66    | ppb   |
| Titanium   | 47-1  | 0.08     | 0.00     | 0.11     | 0.07       | 87.89   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 26.69   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 127.52  | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | -0.09    | -0.02    | 0.05     | -0.02      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:36:51 | DataFile Name :   | 023CCBE_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9819.45  | 9773.24  | 9757.57  | 9783.42    | 0.33    | ppb   |
| Antimony   | 121-1 | 517.30   | 509.76   | 511.28   | 512.78     | 0.78    | ppb   |
| Arsenic    | 75-2  | 511.66   | 507.25   | 506.07   | 508.33     | 0.58    | ppb   |
| Barium     | 135-1 | 2564.64  | 2544.24  | 2551.85  | 2553.58    | 0.40    | ppb   |
| Barium     | 137-1 | 2523.42  | 2530.85  | 2531.74  | 2528.67    | 0.18    | ppb   |
| Beryllium  | 9-1   | 512.86   | 512.23   | 514.76   | 513.28     | 0.26    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 500.71   | 509.52   | 516.35   | 508.86     | 1.54    | ppb   |
| Boron      | 11-1  | 503.93   | 509.24   | 520.74   | 511.31     | 1.68    | ppb   |
| Cadmium    | 111-1 | 509.41   | 506.41   | 505.28   | 507.03     | 0.42    | ppb   |
| Cadmium    | 106-1 | 509.21   | 507.70   | 507.10   | 508.00     | 0.21    | ppb   |
| Cadmium    | 108-1 | 506.27   | 503.72   | 511.21   | 507.07     | 0.75    | ppb   |
| Calcium    | 43-1  | 47292.73 | 47515.03 | 47111.78 | 47306.51   | 0.43    | ppb   |
| Calcium    | 44-1  | 47401.41 | 47012.67 | 46910.20 | 47108.09   | 0.55    | ppb   |
| Chromium   | 52-2  | 496.45   | 495.35   | 497.38   | 496.40     | 0.20    | ppb   |
| Cobalt     | 59-2  | 493.23   | 494.10   | 492.89   | 493.40     | 0.13    | ppb   |
| Copper     | 63-2  | 1003.55  | 1004.82  | 1004.24  | 1004.20    | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 25688.26 | 25471.62 | 25574.01 | 25577.96   | 0.42    | ppb   |
| Iron       | 57-2  | 25395.19 | 25218.89 | 25349.56 | 25321.22   | 0.36    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 499.21   | 495.71   | 495.09   | 496.67     | 0.45    | ppb   |
| Lead       | 207-1 | 497.07   | 496.14   | 491.36   | 494.86     | 0.62    | ppb   |
| Lead       | 208-1 | 499.49   | 497.20   | 494.82   | 497.17     | 0.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 49803.97 | 49663.76 | 49397.30 | 49621.67   | 0.42    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 991.95   | 993.28   | 992.73   | 992.66     | 0.07    | ppb   |
| Molybdenum | 94-1  | 2505.21  | 2496.82  | 2494.42  | 2498.82    | 0.23    | ppb   |
| Molybdenum | 95-1  | 2507.60  | 2493.39  | 2479.24  | 2493.41    | 0.57    | ppb   |
| Molybdenum | 96-1  | 2493.47  | 2485.74  | 2489.34  | 2489.52    | 0.16    | ppb   |
| Molybdenum | 97-1  | 2494.46  | 2500.20  | 2486.62  | 2493.76    | 0.27    | ppb   |
| Molybdenum | 98-1  | 2497.35  | 2499.53  | 2497.15  | 2498.01    | 0.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.25   | 496.63   | 498.87   | 497.92     | 0.23    | ppb   |
| Phosphorus | 31-2  | 10274.99 | 10356.77 | 10154.52 | 10262.09   | 0.99    | ppb   |
| Potassium  | 39-2  | 24644.19 | 24496.19 | 24455.03 | 24531.80   | 0.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 513.97   | 507.47   | 509.70   | 510.38     | 0.65    | ppb   |
| Selenium   | 78-2  | 510.79   | 515.76   | 516.47   | 514.34     | 0.60    | ppb   |
| Selenium   | 82-1  | 506.01   | 505.94   | 503.86   | 505.27     | 0.24    | ppb   |
| Silicon    | 28-1  | 593.63   | 593.72   | 597.26   | 594.87     | 0.35    | ppb   |
| Silver     | 109-1 | 517.92   | 512.65   | 513.59   | 514.72     | 0.55    | ppb   |
| Silver     | 107-1 | 518.72   | 516.48   | 518.64   | 517.95     | 0.25    | ppb   |
| Sodium     | 23-2  | 49438.18 | 49370.38 | 49382.63 | 49397.06   | 0.07    | ppb   |
| Strontium  | 86-1  | 496.71   | 493.32   | 502.36   | 497.46     | 0.92    | ppb   |
| Strontium  | 88-1  | 505.78   | 501.61   | 501.69   | 503.02     | 0.47    | ppb   |
| Sulfur     | 34-1  | 8724.58  | 8607.45  | 8415.69  | 8582.57    | 1.82    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 502.11   | 494.54   | 502.20   | 499.62     | 0.88    | ppb   |
| Thallium   | 205-1 | 499.40   | 496.68   | 499.34   | 498.47     | 0.31    | ppb   |
| Tin        | 118-1 | 509.22   | 504.39   | 503.54   | 505.72     | 0.61    | ppb   |
| Titanium   | 47-1  | 2517.44  | 2512.30  | 2494.57  | 2508.10    | 0.48    | ppb   |
| Uranium    | 238-1 | 494.20   | 491.20   | 493.48   | 492.96     | 0.32    | ppb   |
| Vanadium   | 51-2  | 499.02   | 496.13   | 494.37   | 496.51     | 0.47    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 992.81   | 988.25   | 991.97   | 991.01     | 0.24    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 502.49  | 496.38  | 501.80  | 500.22     | 0.67    | ppb   |
| Zirconium | 91-1 | 497.81  | 493.14  | 493.75  | 494.90     | 0.51    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 24.43     | 24.57     | 21.84     | 23.61      | 6.52    | ppb   |
| Antimony   | 121-1 | 2.75      | 3.13      | 3.38      | 3.09       | 10.18   | ppb   |
| Arsenic    | 75-2  | 2.74      | 2.71      | 2.52      | 2.66       | 4.43    | ppb   |
| Barium     | 135-1 | 147.91    | 150.25    | 149.74    | 149.30     | 0.82    | ppb   |
| Barium     | 137-1 | 147.94    | 149.81    | 149.43    | 149.06     | 0.66    | ppb   |
| Beryllium  | 9-1   | 0.10      | 0.03      | 0.06      | 0.06       | 52.10   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 144.31    | 136.11    | 129.40    | 136.60     | 5.47    | ppb   |
| Boron      | 11-1  | 150.02    | 140.67    | 137.07    | 142.59     | 4.69    | ppb   |
| Cadmium    | 111-1 | 0.20      | 0.21      | 0.10      | 0.17       | 36.94   | ppb   |
| Cadmium    | 106-1 | -0.58     | -0.15     | -1.81     | -0.85      |         | ppb   |
| Cadmium    | 108-1 | 0.08      | 0.03      | 0.22      | 0.11       | 88.23   | ppb   |
| Calcium    | 43-1  | 156272.92 | 157856.12 | 155988.05 | 156705.70  | 0.64    | ppb   |
| Calcium    | 44-1  | 154717.10 | 157318.00 | 156150.39 | 156061.83  | 0.83    | ppb   |
| Chromium   | 52-2  | 1.05      | 1.07      | 1.03      | 1.05       | 1.77    | ppb   |
| Cobalt     | 59-2  | 0.20      | 0.20      | 0.18      | 0.19       | 3.41    | ppb   |
| Copper     | 63-2  | 7.28      | 7.38      | 7.49      | 7.38       | 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 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 116        |         | %     |
| Indium     | 115-2 |           |           |           | 110        |         | %     |
| Iron       | 56-2  | 46.41     | 45.85     | 46.03     | 46.10      | 0.63    | ppb   |
| Iron       | 57-2  | 325.58    | 327.24    | 328.08    | 326.97     | 0.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.67      | 0.63      | 0.63      | 0.64       | 4.06    | ppb   |
| Lead       | 207-1 | 0.66      | 0.64      | 0.59      | 0.63       | 5.71    | ppb   |
| Lead       | 208-1 | 0.66      | 0.63      | 0.60      | 0.63       | 5.01    | ppb   |
| Lithium    | 6-1   |           |           |           | 130        |         | %     |
| Magnesium  | 24-2  | 13948.95  | 13985.76  | 14060.61  | 13998.44   | 0.41    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 29.21    | 29.86    | 29.85    | 29.64      | 1.26    | ppb   |
| Molybdenum | 94-1  | 2.02     | 1.79     | 1.59     | 1.80       | 11.98   | ppb   |
| Molybdenum | 95-1  | 2.41     | 2.25     | 2.20     | 2.29       | 4.77    | ppb   |
| Molybdenum | 96-1  | 2.39     | 2.24     | 2.02     | 2.22       | 8.43    | ppb   |
| Molybdenum | 97-1  | 2.37     | 2.40     | 2.17     | 2.31       | 5.59    | ppb   |
| Molybdenum | 98-1  | 2.38     | 2.28     | 2.08     | 2.25       | 6.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.64     | 1.66     | 1.61     | 1.64       | 1.58    | ppb   |
| Phosphorus | 31-2  | 79.07    | 63.58    | 64.53    | 69.06      | 12.57   | ppb   |
| Potassium  | 39-2  | 13122.65 | 13178.27 | 13136.13 | 13145.68   | 0.22    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 4.17     | 5.58     | 2.98     | 4.24       | 30.58   | ppb   |
| Selenium   | 78-2  | 2.91     | 1.80     | 1.45     | 2.06       | 37.05   | ppb   |
| Selenium   | 82-1  | 1.65     | 1.46     | 1.27     | 1.46       | 13.16   | ppb   |
| Silicon    | 28-1  | 5579.92  | 5591.72  | 5536.76  | 5569.47    | 0.52    | ppb   |
| Silver     | 109-1 | 1.02     | 0.97     | 0.88     | 0.95       | 7.55    | ppb   |
| Silver     | 107-1 | 1.06     | 0.97     | 0.85     | 0.96       | 10.94   | ppb   |
| Sodium     | 23-2  | 26581.26 | 26400.54 | 26573.14 | 26518.31   | 0.38    | ppb   |
| Strontium  | 86-1  | 686.85   | 680.83   | 682.13   | 683.27     | 0.46    | ppb   |
| Strontium  | 88-1  | 692.49   | 689.22   | 694.35   | 692.02     | 0.37    | ppb   |
| Sulfur     | 34-1  | 39730.10 | 40275.61 | 39261.45 | 39755.72   | 1.28    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.80     | 0.59     | 0.41     | 0.60       | 31.95   | ppb   |
| Thallium   | 205-1 | 0.84     | 0.55     | 0.42     | 0.60       | 35.86   | ppb   |
| Tin        | 118-1 | 2.03     | 2.05     | 2.02     | 2.03       | 0.71    | ppb   |
| Titanium   | 47-1  | 1.18     | 0.82     | 0.89     | 0.96       | 19.83   | ppb   |
| Uranium    | 238-1 | 1.48     | 1.52     | 1.51     | 1.50       | 1.56    | ppb   |
| Vanadium   | 51-2  | 5.89     | 5.87     | 5.90     | 5.88       | 0.24    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 13.41    | 14.37    | 13.38    | 13.72      | 4.13    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.19    | 0.16    | 0.16    | 0.17       | 9.19    | ppb   |
| Zirconium | 91-1 | 0.16    | 0.17    | 0.17    | 0.17       | 2.21    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW028-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:47:31 | DataFile Name :   | 026SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9.96      | 10.10     | 11.55     | 10.54      | 8.38    | ppb   |
| Antimony   | 121-1 | 2.21      | 2.38      | 2.49      | 2.36       | 5.84    | ppb   |
| Arsenic    | 75-2  | 4.99      | 4.66      | 4.94      | 4.86       | 3.72    | ppb   |
| Barium     | 135-1 | 164.19    | 166.07    | 163.14    | 164.47     | 0.90    | ppb   |
| Barium     | 137-1 | 163.86    | 165.17    | 164.20    | 164.41     | 0.41    | ppb   |
| Beryllium  | 9-1   | 0.07      | 0.09      | 0.07      | 0.08       | 16.17   | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 430.84    | 446.18    | 450.09    | 442.37     | 2.30    | ppb   |
| Boron      | 11-1  | 456.23    | 458.24    | 461.71    | 458.73     | 0.60    | ppb   |
| Cadmium    | 111-1 | 14.56     | 14.62     | 14.15     | 14.45      | 1.79    | ppb   |
| Cadmium    | 106-1 | 13.04     | 12.75     | 12.52     | 12.77      | 2.04    | ppb   |
| Cadmium    | 108-1 | 13.08     | 13.20     | 14.23     | 13.51      | 4.66    | ppb   |
| Calcium    | 43-1  | 299937.09 | 300896.31 | 299814.80 | 300216.07  | 0.20    | ppb   |
| Calcium    | 44-1  | 301347.81 | 302688.46 | 301960.53 | 301998.93  | 0.22    | ppb   |
| Chromium   | 52-2  | 1.43      | 1.42      | 1.40      | 1.42       | 1.36    | ppb   |
| Cobalt     | 59-2  | 6.63      | 6.74      | 6.60      | 6.66       | 1.07    | ppb   |
| Copper     | 63-2  | 49.40     | 49.08     | 48.56     | 49.01      | 0.87    | 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 |           |           |           | 110        |         | %     |
| Indium     | 115-2 |           |           |           | 106        |         | %     |
| Iron       | 56-2  | 9044.48   | 8958.37   | 8841.40   | 8948.08    | 1.14    | ppb   |
| Iron       | 57-2  | 9324.38   | 9324.96   | 9129.51   | 9259.62    | 1.22    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.99      | 4.89      | 4.89      | 4.92       | 1.18    | ppb   |
| Lead       | 207-1 | 4.57      | 4.66      | 4.70      | 4.64       | 1.42    | ppb   |
| Lead       | 208-1 | 4.74      | 4.73      | 4.75      | 4.74       | 0.22    | ppb   |
| Lithium    | 6-1   |           |           |           | 116        |         | %     |
| Magnesium  | 24-2  | 28675.39  | 28411.06  | 27976.33  | 28354.26   | 1.24    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW028-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:47:31 | DataFile Name :   | 026SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 852.07    | 843.22    | 833.61    | 842.97     | 1.10    | ppb   |
| Molybdenum | 94-1  | 2.21      | 2.02      | 2.14      | 2.13       | 4.53    | ppb   |
| Molybdenum | 95-1  | 2.75      | 2.76      | 2.68      | 2.73       | 1.65    | ppb   |
| Molybdenum | 96-1  | 2.63      | 2.73      | 2.76      | 2.71       | 2.56    | ppb   |
| Molybdenum | 97-1  | 2.55      | 2.82      | 2.62      | 2.67       | 5.22    | ppb   |
| Molybdenum | 98-1  | 2.73      | 2.74      | 2.65      | 2.71       | 1.82    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 46.11     | 45.45     | 44.74     | 45.43      | 1.51    | ppb   |
| Phosphorus | 31-2  | 22.64     | 10.76     | 12.99     | 15.46      | 40.81   | ppb   |
| Potassium  | 39-2  | 10795.64  | 10684.43  | 10503.66  | 10661.25   | 1.38    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 4.46      | 5.19      | 4.06      | 4.57       | 12.48   | ppb   |
| Selenium   | 78-2  | 1.25      | 1.54      | 0.55      | 1.11       | 45.89   | ppb   |
| Selenium   | 82-1  | 1.33      | 1.70      | 2.01      | 1.68       | 20.27   | ppb   |
| Silicon    | 28-1  | 10822.82  | 10890.20  | 10802.79  | 10838.60   | 0.42    | ppb   |
| Silver     | 109-1 | 1.04      | 1.06      | 1.03      | 1.04       | 1.30    | ppb   |
| Silver     | 107-1 | 1.05      | 1.11      | 1.01      | 1.06       | 4.61    | ppb   |
| Sodium     | 23-2  | 65530.75  | 65135.86  | 64201.81  | 64956.14   | 1.05    | ppb   |
| Strontium  | 86-1  | 1164.74   | 1163.20   | 1167.65   | 1165.20    | 0.19    | ppb   |
| Strontium  | 88-1  | 1173.35   | 1174.66   | 1174.29   | 1174.10    | 0.06    | ppb   |
| Sulfur     | 34-1  | 126544.93 | 127886.41 | 125686.05 | 126705.80  | 0.88    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.10      | 0.09      | 0.07      | 0.09       | 16.25   | ppb   |
| Thallium   | 205-1 | 0.11      | 0.10      | 0.08      | 0.10       | 19.75   | ppb   |
| Tin        | 118-1 | 1.81      | 1.88      | 1.91      | 1.87       | 2.78    | ppb   |
| Titanium   | 47-1  | 1.08      | 1.20      | 1.35      | 1.21       | 11.34   | ppb   |
| Uranium    | 238-1 | 1.14      | 1.09      | 1.13      | 1.12       | 2.40    | ppb   |
| Vanadium   | 51-2  | 1.46      | 1.46      | 1.41      | 1.45       | 2.11    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 291.42    | 286.85    | 286.81    | 288.36     | 0.92    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW028-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:47:31 | DataFile Name :   | 026SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.19    | 0.18    | 0.20    | 0.19       | 6.62    | ppb   |
| Zirconium | 91-1 | 0.20    | 0.20    | 0.25    | 0.22       | 14.08   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 6.93      | 8.28      | 7.66      | 7.62       | 8.89    | ppb   |
| Antimony   | 121-1 | 1.27      | 1.32      | 1.30      | 1.30       | 2.17    | ppb   |
| Arsenic    | 75-2  | 9.67      | 9.67      | 9.71      | 9.69       | 0.25    | ppb   |
| Barium     | 135-1 | 76.94     | 76.25     | 77.77     | 76.99      | 0.99    | ppb   |
| Barium     | 137-1 | 76.47     | 77.96     | 77.46     | 77.30      | 0.98    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.02      | 0.05      | 0.04       | 30.64   | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 648.22    | 653.32    | 669.30    | 656.94     | 1.67    | ppb   |
| Boron      | 11-1  | 693.61    | 697.92    | 705.34    | 698.96     | 0.85    | ppb   |
| Cadmium    | 111-1 | 0.03      | 0.01      | 0.02      | 0.02       | 57.72   | ppb   |
| Cadmium    | 106-1 | -0.28     | -1.02     | -0.92     | -0.74      |         | ppb   |
| Cadmium    | 108-1 | 0.08      | 0.21      | 0.15      | 0.15       | 44.48   | ppb   |
| Calcium    | 43-1  | 243511.76 | 242598.92 | 243040.11 | 243050.26  | 0.19    | ppb   |
| Calcium    | 44-1  | 244253.58 | 244027.74 | 244509.70 | 244263.67  | 0.10    | ppb   |
| Chromium   | 52-2  | 1.25      | 1.17      | 1.16      | 1.19       | 4.35    | ppb   |
| Cobalt     | 59-2  | 0.94      | 1.00      | 0.89      | 0.94       | 6.10    | ppb   |
| Copper     | 63-2  | 6.10      | 6.12      | 5.97      | 6.06       | 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 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 11524.24  | 11382.93  | 11360.79  | 11422.65   | 0.78    | ppb   |
| Iron       | 57-2  | 11621.89  | 11580.43  | 11588.78  | 11597.03   | 0.19    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.47      | 0.45      | 0.45      | 0.46       | 2.69    | ppb   |
| Lead       | 207-1 | 0.45      | 0.44      | 0.42      | 0.44       | 2.90    | ppb   |
| Lead       | 208-1 | 0.45      | 0.45      | 0.44      | 0.45       | 1.46    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 42551.64  | 42302.67  | 41890.59  | 42248.30   | 0.79    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 770.34    | 767.89    | 765.81    | 768.01     | 0.30    | ppb   |
| Molybdenum | 94-1  | 1.73      | 1.69      | 1.54      | 1.65       | 6.20    | ppb   |
| Molybdenum | 95-1  | 1.91      | 1.91      | 1.95      | 1.92       | 1.03    | ppb   |
| Molybdenum | 96-1  | 1.87      | 1.87      | 1.97      | 1.90       | 3.00    | ppb   |
| Molybdenum | 97-1  | 2.04      | 1.90      | 1.98      | 1.97       | 3.59    | ppb   |
| Molybdenum | 98-1  | 2.00      | 1.91      | 1.90      | 1.94       | 2.98    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.54      | 3.55      | 3.53      | 3.54       | 0.21    | ppb   |
| Phosphorus | 31-2  | 36.66     | 48.79     | 33.42     | 39.62      | 20.44   | ppb   |
| Potassium  | 39-2  | 9454.95   | 9516.65   | 9474.51   | 9482.04    | 0.33    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 5.94      | 3.78      | 3.36      | 4.36       | 31.71   | ppb   |
| Selenium   | 78-2  | 0.94      | 1.52      | 1.03      | 1.16       | 26.98   | ppb   |
| Selenium   | 82-1  | 2.04      | 1.77      | 2.55      | 2.12       | 18.60   | ppb   |
| Silicon    | 28-1  | 11655.51  | 11410.29  | 11386.34  | 11484.05   | 1.30    | ppb   |
| Silver     | 109-1 | 0.58      | 0.52      | 0.50      | 0.53       | 7.74    | ppb   |
| Silver     | 107-1 | 0.57      | 0.55      | 0.54      | 0.55       | 2.28    | ppb   |
| Sodium     | 23-2  | 94398.43  | 94106.71  | 93182.71  | 93895.95   | 0.68    | ppb   |
| Strontium  | 86-1  | 1358.30   | 1357.82   | 1343.02   | 1353.05    | 0.64    | ppb   |
| Strontium  | 88-1  | 1366.47   | 1360.57   | 1353.20   | 1360.08    | 0.49    | ppb   |
| Sulfur     | 34-1  | 127300.02 | 124151.95 | 124019.21 | 125157.06  | 1.48    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.03      | 0.04      | 0.03      | 0.04       | 12.10   | ppb   |
| Thallium   | 205-1 | 0.04      | 0.03      | 0.03      | 0.03       | 18.65   | ppb   |
| Tin        | 118-1 | 1.78      | 1.95      | 1.92      | 1.88       | 5.06    | ppb   |
| Titanium   | 47-1  | 1.26      | 1.18      | 1.25      | 1.23       | 3.39    | ppb   |
| Uranium    | 238-1 | 0.57      | 0.56      | 0.56      | 0.56       | 0.93    | ppb   |
| Vanadium   | 51-2  | 1.02      | 1.05      | 1.00      | 1.03       | 2.26    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 54.31     | 54.72     | 55.40     | 54.81      | 1.00    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.18    | 0.18    | 0.17    | 0.18       | 3.45    | ppb   |
| Zirconium | 91-1 | 0.25    | 0.19    | 0.22    | 0.22       | 13.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 12.47     | 13.49     | 13.65     | 13.21      | 4.84    | ppb   |
| Antimony   | 121-1 | 2.20      | 2.22      | 2.18      | 2.20       | 0.80    | ppb   |
| Arsenic    | 75-2  | 5.01      | 5.37      | 4.96      | 5.11       | 4.43    | ppb   |
| Barium     | 135-1 | 162.16    | 160.96    | 157.92    | 160.35     | 1.36    | ppb   |
| Barium     | 137-1 | 161.07    | 161.10    | 159.52    | 160.56     | 0.56    | ppb   |
| Beryllium  | 9-1   | 0.10      | 0.06      | 0.05      | 0.07       | 33.09   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 486.85    | 508.67    | 506.11    | 500.54     | 2.38    | ppb   |
| Boron      | 11-1  | 516.16    | 533.46    | 532.30    | 527.31     | 1.83    | ppb   |
| Cadmium    | 111-1 | 13.55     | 13.60     | 13.20     | 13.45      | 1.63    | ppb   |
| Cadmium    | 106-1 | 10.65     | 11.08     | 9.60      | 10.44      | 7.26    | ppb   |
| Cadmium    | 108-1 | 13.87     | 12.77     | 12.86     | 13.17      | 4.64    | ppb   |
| Calcium    | 43-1  | 296529.05 | 299267.22 | 292565.21 | 296120.49  | 1.14    | ppb   |
| Calcium    | 44-1  | 297953.12 | 299983.24 | 295977.38 | 297971.25  | 0.67    | ppb   |
| Chromium   | 52-2  | 2.09      | 2.12      | 2.19      | 2.14       | 2.42    | ppb   |
| Cobalt     | 59-2  | 6.80      | 6.89      | 6.85      | 6.85       | 0.65    | ppb   |
| Copper     | 63-2  | 47.28     | 47.12     | 47.49     | 47.30      | 0.39    | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 107        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 8152.73   | 8085.00   | 8107.55   | 8115.09    | 0.43    | ppb   |
| Iron       | 57-2  | 8418.74   | 8417.04   | 8478.71   | 8438.17    | 0.42    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.57      | 4.59      | 4.67      | 4.61       | 1.14    | ppb   |
| Lead       | 207-1 | 4.54      | 4.28      | 4.36      | 4.39       | 3.06    | ppb   |
| Lead       | 208-1 | 4.58      | 4.45      | 4.53      | 4.52       | 1.45    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 27992.52  | 27978.00  | 28105.89  | 28025.47   | 0.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 824.95    | 826.88    | 827.69    | 826.51     | 0.17    | ppb   |
| Molybdenum | 94-1  | 2.03      | 1.97      | 2.01      | 2.01       | 1.40    | ppb   |
| Molybdenum | 95-1  | 2.68      | 2.45      | 2.67      | 2.60       | 4.99    | ppb   |
| Molybdenum | 96-1  | 2.51      | 2.56      | 2.45      | 2.50       | 2.13    | ppb   |
| Molybdenum | 97-1  | 2.58      | 2.53      | 2.46      | 2.52       | 2.27    | ppb   |
| Molybdenum | 98-1  | 2.48      | 2.52      | 2.51      | 2.51       | 0.78    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 45.11     | 45.38     | 45.34     | 45.28      | 0.32    | ppb   |
| Phosphorus | 31-2  | 31.26     | 8.63      | 5.01      | 14.97      | 95.09   | ppb   |
| Potassium  | 39-2  | 10420.58  | 10356.08  | 10387.24  | 10387.96   | 0.31    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 4.57      | 4.21      | 5.76      | 4.85       | 16.69   | ppb   |
| Selenium   | 78-2  | 0.23      | 0.57      | 0.13      | 0.31       | 74.17   | ppb   |
| Selenium   | 82-1  | 0.68      | 1.04      | 1.70      | 1.14       | 45.53   | ppb   |
| Silicon    | 28-1  | 10060.30  | 10072.35  | 9969.00   | 10033.88   | 0.56    | ppb   |
| Silver     | 109-1 | 0.85      | 0.85      | 0.79      | 0.83       | 4.21    | ppb   |
| Silver     | 107-1 | 0.81      | 0.81      | 0.81      | 0.81       | 0.27    | ppb   |
| Sodium     | 23-2  | 64622.57  | 64668.75  | 64857.33  | 64716.22   | 0.19    | ppb   |
| Strontium  | 86-1  | 1148.54   | 1128.74   | 1131.38   | 1136.22    | 0.95    | ppb   |
| Strontium  | 88-1  | 1156.49   | 1148.44   | 1149.99   | 1151.64    | 0.37    | ppb   |
| Sulfur     | 34-1  | 122249.03 | 122726.99 | 121197.30 | 122057.77  | 0.64    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 0.05      | 0.02      | 0.04      | 0.04       | 38.08   | ppb   |
| Thallium   | 205-1 | 0.05      | 0.04      | 0.03      | 0.04       | 21.81   | ppb   |
| Tin        | 118-1 | 1.93      | 2.10      | 2.02      | 2.02       | 4.27    | ppb   |
| Titanium   | 47-1  | 1.00      | 1.47      | 1.07      | 1.18       | 21.38   | ppb   |
| Uranium    | 238-1 | 1.14      | 1.14      | 1.13      | 1.13       | 0.49    | ppb   |
| Vanadium   | 51-2  | 1.74      | 1.69      | 1.84      | 1.75       | 4.25    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 278.73    | 276.89    | 277.85    | 277.82     | 0.33    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.14    | 0.20    | 0.17       | 16.45   | ppb   |
| Zirconium | 91-1 | 0.17    | 0.18    | 0.21    | 0.19       | 11.62   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50514.29  | 50696.41  | 50605.40  | 50605.36   | 0.18    | ppb   |
| Antimony   | 121-1 | 508.94    | 508.72    | 505.09    | 507.58     | 0.43    | ppb   |
| Arsenic    | 75-2  | 512.15    | 515.03    | 512.94    | 513.37     | 0.29    | ppb   |
| Barium     | 135-1 | 2528.78   | 2561.28   | 2538.69   | 2542.92    | 0.65    | ppb   |
| Barium     | 137-1 | 2508.84   | 2532.77   | 2525.79   | 2522.47    | 0.49    | ppb   |
| Beryllium  | 9-1   | 544.70    | 539.03    | 545.10    | 542.94     | 0.62    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 547.18    | 564.69    | 565.82    | 559.23     | 1.87    | ppb   |
| Boron      | 11-1  | 556.01    | 565.98    | 568.24    | 563.41     | 1.16    | ppb   |
| Cadmium    | 111-1 | 492.39    | 499.67    | 493.38    | 495.15     | 0.80    | ppb   |
| Cadmium    | 106-1 | 499.84    | 502.07    | 505.71    | 502.54     | 0.59    | ppb   |
| Cadmium    | 108-1 | 502.60    | 504.44    | 506.54    | 504.53     | 0.39    | ppb   |
| Calcium    | 43-1  | 232996.78 | 237048.30 | 236874.54 | 235639.87  | 0.97    | ppb   |
| Calcium    | 44-1  | 234140.35 | 236254.56 | 236850.29 | 235748.40  | 0.60    | ppb   |
| Chromium   | 52-2  | 518.00    | 515.83    | 511.40    | 515.08     | 0.65    | ppb   |
| Cobalt     | 59-2  | 490.61    | 489.97    | 488.40    | 489.66     | 0.23    | ppb   |
| Copper     | 63-2  | 976.18    | 980.85    | 974.76    | 977.26     | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 127238.18 | 126520.25 | 126126.08 | 126628.17  | 0.45    | ppb   |
| Iron       | 57-2  | 126786.59 | 125736.26 | 126283.74 | 126268.87  | 0.42    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 501.71    | 498.53    | 507.94    | 502.73     | 0.95    | ppb   |
| Lead       | 207-1 | 501.09    | 498.44    | 509.48    | 503.00     | 1.15    | ppb   |
| Lead       | 208-1 | 505.33    | 505.08    | 511.26    | 507.22     | 0.69    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 243728.68 | 244300.23 | 242385.35 | 243471.42  | 0.40    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 977.53    | 985.19    | 974.85    | 979.19     | 0.55    | ppb   |
| Molybdenum | 94-1  | 2528.42   | 2504.96   | 2537.21   | 2523.53    | 0.66    | ppb   |
| Molybdenum | 95-1  | 2517.79   | 2512.28   | 2530.67   | 2520.25    | 0.37    | ppb   |
| Molybdenum | 96-1  | 2499.12   | 2505.08   | 2526.26   | 2510.15    | 0.57    | ppb   |
| Molybdenum | 97-1  | 2499.44   | 2513.52   | 2519.80   | 2510.92    | 0.42    | ppb   |
| Molybdenum | 98-1  | 2519.32   | 2511.48   | 2526.64   | 2519.15    | 0.30    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 499.17    | 500.74    | 496.28    | 498.73     | 0.45    | ppb   |
| Phosphorus | 31-2  | 10125.16  | 10132.83  | 10159.15  | 10139.05   | 0.18    | ppb   |
| Potassium  | 39-2  | 123099.78 | 123142.34 | 122426.26 | 122889.46  | 0.33    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 77-2  | 508.61    | 491.24    | 482.24    | 494.03     | 2.71    | ppb   |
| Selenium   | 78-2  | 511.42    | 495.48    | 499.04    | 501.98     | 1.67    | ppb   |
| Selenium   | 82-1  | 497.29    | 498.51    | 494.99    | 496.93     | 0.36    | ppb   |
| Silicon    | 28-1  | 598.49    | 620.75    | 629.81    | 616.35     | 2.62    | ppb   |
| Silver     | 109-1 | 492.07    | 499.38    | 496.25    | 495.90     | 0.74    | ppb   |
| Silver     | 107-1 | 494.71    | 500.39    | 498.61    | 497.90     | 0.58    | ppb   |
| Sodium     | 23-2  | 248531.78 | 249257.65 | 249084.77 | 248958.06  | 0.15    | ppb   |
| Strontium  | 86-1  | 510.50    | 510.13    | 513.48    | 511.37     | 0.36    | ppb   |
| Strontium  | 88-1  | 518.47    | 517.07    | 518.07    | 517.87     | 0.14    | ppb   |
| Sulfur     | 34-1  | 9687.53   | 9973.05   | 9797.99   | 9819.52    | 1.47    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 499.61    | 500.09    | 504.33    | 501.34     | 0.52    | ppb   |
| Thallium   | 205-1 | 504.52    | 502.17    | 510.67    | 505.79     | 0.87    | ppb   |
| Tin        | 118-1 | 504.59    | 506.13    | 501.53    | 504.08     | 0.46    | ppb   |
| Titanium   | 47-1  | 2487.41   | 2493.65   | 2510.55   | 2497.20    | 0.48    | ppb   |
| Uranium    | 238-1 | 527.17    | 523.22    | 527.91    | 526.10     | 0.48    | ppb   |
| Vanadium   | 51-2  | 508.46    | 505.80    | 502.62    | 505.63     | 0.58    | ppb   |
| Yttrium    | 89-1  |           |           |           | 106        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 957.96    | 956.54    | 956.50    | 957.00     | 0.09    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 503.79  | 502.56  | 505.78  | 504.05     | 0.32    | ppb   |
| Zirconium | 91-1 | 500.07  | 495.09  | 501.38  | 498.85     | 0.67    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.87    | 1.93    | 1.35    | 1.72       | 18.38   | ppb   |
| Antimony   | 121-1 | 0.42    | 0.56    | 0.71    | 0.56       | 25.72   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.06    | 0.04       | 60.05   | ppb   |
| Barium     | 135-1 | 0.05    | 0.12    | 0.09    | 0.09       | 39.39   | ppb   |
| Barium     | 137-1 | 0.12    | 0.11    | 0.13    | 0.12       | 10.08   | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.08    | 0.10    | 0.09       | 9.84    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 12.08   | 12.60   | 11.80   | 12.16      | 3.36    | ppb   |
| Boron      | 11-1  | 13.07   | 12.31   | 11.40   | 12.26      | 6.82    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.06    | 0.03    | 0.03       | 70.08   | ppb   |
| Cadmium    | 106-1 | -0.16   | 0.76    | 0.35    | 0.32       | 145.47  | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.02    | -0.03   | 0.05       | 195.33  | ppb   |
| Calcium    | 43-1  | 8.65    | 0.97    | 2.24    | 3.95       | 104.14  | ppb   |
| Calcium    | 44-1  | 5.46    | 6.81    | 5.74    | 6.00       | 11.90   | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.04    | 0.03       | 12.84   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.39    | 0.43    | 0.40    | 0.41       | 6.25    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 6.02    | 5.58    | 4.77    | 5.46       | 11.66   | ppb   |
| Iron       | 57-2  | 6.16    | 3.84    | 2.65    | 4.21       | 42.33   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.10    | 0.11    | 0.09       | 16.95   | ppb   |
| Lead       | 207-1 | 0.07    | 0.10    | 0.09    | 0.09       | 16.99   | ppb   |
| Lead       | 208-1 | 0.08    | 0.10    | 0.11    | 0.10       | 13.28   | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 5.27    | 4.01    | 4.56    | 4.61       | 13.67   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.02    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.43     | 0.33     | 0.29     | 0.35       | 20.57   | ppb   |
| Molybdenum | 95-1  | 0.53     | 0.46     | 0.47     | 0.49       | 7.18    | ppb   |
| Molybdenum | 96-1  | 0.44     | 0.50     | 0.44     | 0.46       | 7.76    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.39     | 0.43     | 0.43       | 9.66    | ppb   |
| Molybdenum | 98-1  | 0.45     | 0.44     | 0.43     | 0.44       | 1.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -33.92   | -34.11   | -15.93   | -27.99     |         | ppb   |
| Potassium  | 39-2  | 16.45    | 15.08    | 14.49    | 15.34      | 6.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.37     | 0.37     | 0.00     | 0.25       | 86.61   | ppb   |
| Selenium   | 78-2  | 0.40     | 0.63     | 0.92     | 0.65       | 40.26   | ppb   |
| Selenium   | 82-1  | 0.15     | 0.24     | -0.25    | 0.05       | 585.12  | ppb   |
| Silicon    | 28-1  | 1.24     | 0.74     | -0.44    | 0.51       | 167.80  | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.07     | 0.07       | 1.26    | ppb   |
| Silver     | 107-1 | 0.06     | 0.08     | 0.08     | 0.07       | 12.99   | ppb   |
| Sodium     | 23-2  | 52.48    | 49.91    | 49.93    | 50.78      | 2.91    | ppb   |
| Strontium  | 86-1  | 0.06     | 0.02     | -0.01    | 0.02       | 139.44  | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.72    | ppb   |
| Sulfur     | 34-1  | -1598.63 | -1502.44 | -1508.21 | -1536.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.18     | 0.15     | 0.17       | 8.49    | ppb   |
| Thallium   | 205-1 | 0.19     | 0.19     | 0.16     | 0.18       | 7.17    | ppb   |
| Tin        | 118-1 | 0.10     | 0.11     | 0.10     | 0.11       | 5.22    | ppb   |
| Titanium   | 47-1  | 0.10     | 0.10     | 0.03     | 0.08       | 54.18   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.23   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.02     | 0.01     | 0.01       | 63.22   | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | -0.14    | -0.20    | -0.02    | -0.12      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.02    | 0.03    | 0.02       | 29.26   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.00    | 0.04    | 0.03       | 83.22   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05DUP Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:08:58 DataFile Name : 032SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 44.42     | 45.92     | 45.01     | 45.12      | 1.67    | ppb   |
| Antimony   | 121-1 | 1.61      | 1.82      | 1.90      | 1.78       | 8.44    | ppb   |
| Arsenic    | 75-2  | 4.60      | 4.76      | 4.71      | 4.69       | 1.77    | ppb   |
| Barium     | 135-1 | 35.49     | 36.37     | 35.35     | 35.74      | 1.55    | ppb   |
| Barium     | 137-1 | 35.66     | 36.34     | 35.34     | 35.78      | 1.43    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.03      | 0.04      | 0.04       | 17.79   | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 705.76    | 698.94    | 698.09    | 700.93     | 0.60    | ppb   |
| Boron      | 11-1  | 740.17    | 734.44    | 740.54    | 738.39     | 0.46    | ppb   |
| Cadmium    | 111-1 | 0.12      | 0.06      | 0.01      | 0.06       | 80.89   | ppb   |
| Cadmium    | 106-1 | -0.14     | -0.57     | -1.27     | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.11      | 0.13      | 0.08      | 0.11       | 24.81   | ppb   |
| Calcium    | 43-1  | 369367.82 | 367750.81 | 368447.22 | 368521.95  | 0.22    | ppb   |
| Calcium    | 44-1  | 370176.67 | 368678.91 | 367572.14 | 368809.24  | 0.35    | ppb   |
| Chromium   | 52-2  | 1.83      | 1.84      | 1.84      | 1.83       | 0.25    | ppb   |
| Cobalt     | 59-2  | 1.00      | 0.96      | 0.97      | 0.98       | 1.71    | ppb   |
| Copper     | 63-2  | 4.65      | 4.57      | 4.66      | 4.63       | 1.03    | 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 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 5444.80   | 5477.04   | 5377.47   | 5433.10    | 0.94    | ppb   |
| Iron       | 57-2  | 5920.00   | 5913.69   | 5903.58   | 5912.42    | 0.14    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.41      | 0.41      | 0.41      | 0.41       | 1.20    | ppb   |
| Lead       | 207-1 | 0.38      | 0.36      | 0.35      | 0.36       | 4.47    | ppb   |
| Lead       | 208-1 | 0.40      | 0.40      | 0.39      | 0.40       | 1.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 95255.90  | 95211.36  | 93061.22  | 94509.49   | 1.33    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05DUP Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:08:58 DataFile Name : 032SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 471.21    | 472.37    | 463.41    | 469.00     | 1.04    | ppb   |
| Molybdenum | 94-1  | 1.36      | 1.37      | 1.36      | 1.37       | 0.49    | ppb   |
| Molybdenum | 95-1  | 1.31      | 1.38      | 1.29      | 1.33       | 3.72    | ppb   |
| Molybdenum | 96-1  | 1.38      | 1.40      | 1.32      | 1.37       | 2.81    | ppb   |
| Molybdenum | 97-1  | 1.60      | 1.30      | 1.32      | 1.41       | 11.91   | ppb   |
| Molybdenum | 98-1  | 1.41      | 1.40      | 1.38      | 1.40       | 1.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.24      | 5.32      | 5.30      | 5.29       | 0.84    | ppb   |
| Phosphorus | 31-2  | -6.47     | 21.83     | 8.23      | 7.86       | 180.07  | ppb   |
| Potassium  | 39-2  | 11254.52  | 11338.67  | 11144.44  | 11245.88   | 0.87    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 3.87      | 4.21      | 7.69      | 5.26       | 40.19   | ppb   |
| Selenium   | 78-2  | 1.70      | 1.13      | 0.14      | 0.99       | 79.87   | ppb   |
| Selenium   | 82-1  | 1.85      | 1.62      | 1.81      | 1.76       | 6.90    | ppb   |
| Silicon    | 28-1  | 11709.55  | 11541.32  | 11653.49  | 11634.79   | 0.74    | ppb   |
| Silver     | 109-1 | 0.64      | 0.55      | 0.59      | 0.60       | 7.68    | ppb   |
| Silver     | 107-1 | 0.63      | 0.59      | 0.56      | 0.59       | 5.97    | ppb   |
| Sodium     | 23-2  | 129677.59 | 129803.73 | 126989.89 | 128823.74  | 1.23    | ppb   |
| Strontium  | 86-1  | 2725.99   | 2747.55   | 2700.62   | 2724.72    | 0.86    | ppb   |
| Strontium  | 88-1  | 2714.37   | 2748.23   | 2705.59   | 2722.73    | 0.83    | ppb   |
| Sulfur     | 34-1  | 290215.31 | 284085.11 | 289528.22 | 287942.88  | 1.17    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 0.86      | 0.53      | 0.33      | 0.57       | 46.74   | ppb   |
| Thallium   | 205-1 | 0.85      | 0.53      | 0.35      | 0.58       | 44.40   | ppb   |
| Tin        | 118-1 | 1.65      | 1.75      | 1.69      | 1.69       | 3.00    | ppb   |
| Titanium   | 47-1  | 1.62      | 2.80      | 1.54      | 1.99       | 35.45   | ppb   |
| Uranium    | 238-1 | 1.26      | 1.27      | 1.28      | 1.27       | 0.89    | ppb   |
| Vanadium   | 51-2  | 2.61      | 2.61      | 2.64      | 2.62       | 0.63    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 6.54      | 6.82      | 6.38      | 6.58       | 3.34    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410DL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:08:58 | DataFile Name :   | 032SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.22    | 0.25    | 0.24       | 6.79    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.24    | 0.26    | 0.26       | 5.55    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19.93    | 20.77    | 19.62    | 20.11      | 2.94    | ppb   |
| Antimony   | 121-1 | 0.27     | 0.23     | 0.30     | 0.27       | 11.64   | ppb   |
| Arsenic    | 75-2  | 0.95     | 0.98     | 1.01     | 0.98       | 3.16    | ppb   |
| Barium     | 135-1 | 7.21     | 7.05     | 7.10     | 7.12       | 1.15    | ppb   |
| Barium     | 137-1 | 7.16     | 7.34     | 7.38     | 7.29       | 1.62    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.01     | 0.04     | 0.03       | 54.78   | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 188.58   | 195.63   | 192.14   | 192.12     | 1.83    | ppb   |
| Boron      | 11-1  | 200.78   | 201.22   | 203.23   | 201.74     | 0.65    | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.09    | -0.01    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.87    | -1.69    | -0.53    | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.04     | 0.04     | -0.01    | 0.03       | 103.21  | ppb   |
| Calcium    | 43-1  | 72500.86 | 72863.01 | 73440.75 | 72934.88   | 0.65    | ppb   |
| Calcium    | 44-1  | 73425.75 | 73854.92 | 74388.41 | 73889.69   | 0.65    | ppb   |
| Chromium   | 52-2  | 0.54     | 1.68     | 0.53     | 0.92       | 71.82   | ppb   |
| Cobalt     | 59-2  | 0.17     | 0.18     | 0.16     | 0.17       | 5.29    | ppb   |
| Copper     | 63-2  | 1.25     | 1.30     | 1.24     | 1.26       | 2.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 1064.17  | 1074.03  | 1072.44  | 1070.22    | 0.49    | ppb   |
| Iron       | 57-2  | 1199.16  | 1191.25  | 1189.79  | 1193.40    | 0.42    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.06     | 0.08     | 0.07     | 0.07       | 16.24   | ppb   |
| Lead       | 207-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.06    | ppb   |
| Lead       | 208-1 | 0.06     | 0.07     | 0.07     | 0.07       | 3.83    | ppb   |
| Lithium    | 6-1   |          |          |          | 80         |         | %     |
| Magnesium  | 24-2  | 19046.06 | 19108.62 | 19065.05 | 19073.24   | 0.17    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 93.79    | 94.18    | 93.58    | 93.85      | 0.32    | ppb   |
| Molybdenum | 94-1  | 0.24     | 0.24     | 0.28     | 0.25       | 8.32    | ppb   |
| Molybdenum | 95-1  | 0.26     | 0.31     | 0.30     | 0.29       | 9.77    | ppb   |
| Molybdenum | 96-1  | 0.31     | 0.31     | 0.29     | 0.30       | 3.63    | ppb   |
| Molybdenum | 97-1  | 0.24     | 0.32     | 0.33     | 0.30       | 17.66   | ppb   |
| Molybdenum | 98-1  | 0.30     | 0.28     | 0.29     | 0.29       | 4.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.21     | 1.08     | 1.13     | 1.14       | 5.82    | ppb   |
| Phosphorus | 31-2  | 1.48     | -17.04   | -14.00   | -9.86      |         | ppb   |
| Potassium  | 39-2  | 2239.97  | 2240.90  | 2260.32  | 2247.06    | 0.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 1.79     | 1.43     | 1.07     | 1.43       | 25.40   | ppb   |
| Selenium   | 78-2  | 1.20     | 0.13     | 1.11     | 0.81       | 73.32   | ppb   |
| Selenium   | 82-1  | 0.53     | 0.79     | 0.08     | 0.47       | 77.27   | ppb   |
| Silicon    | 28-1  | 2344.00  | 2369.12  | 2371.18  | 2361.43    | 0.64    | ppb   |
| Silver     | 109-1 | 0.22     | 0.17     | 0.18     | 0.19       | 14.30   | ppb   |
| Silver     | 107-1 | 0.20     | 0.18     | 0.20     | 0.19       | 6.13    | ppb   |
| Sodium     | 23-2  | 25768.33 | 25794.34 | 25729.23 | 25763.97   | 0.13    | ppb   |
| Strontium  | 86-1  | 535.21   | 529.84   | 535.52   | 533.52     | 0.60    | ppb   |
| Strontium  | 88-1  | 544.13   | 538.73   | 544.40   | 542.42     | 0.59    | ppb   |
| Sulfur     | 34-1  | 75037.73 | 75332.85 | 75548.64 | 75306.41   | 0.34    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.02     | 0.02       | 21.18   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.03     | 0.03     | 0.03       | 17.93   | ppb   |
| Tin        | 118-1 | 0.14     | 0.12     | 0.12     | 0.13       | 5.92    | ppb   |
| Titanium   | 47-1  | 0.70     | 0.60     | 0.95     | 0.75       | 24.11   | ppb   |
| Uranium    | 238-1 | 0.25     | 0.23     | 0.27     | 0.25       | 7.00    | ppb   |
| Vanadium   | 51-2  | 0.75     | 0.71     | 0.73     | 0.73       | 2.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 1.40     | 1.28     | 1.20     | 1.29       | 7.90    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.06    | 0.05    | 0.06       | 2.96    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.06    | 0.06    | 0.06       | 8.05    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-06 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:16:07 DataFile Name : 034SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9481.23   | 9518.64   | 9572.63   | 9524.17    | 0.48    | ppb   |
| Antimony   | 121-1 | 517.02    | 519.45    | 519.06    | 518.51     | 0.25    | ppb   |
| Arsenic    | 75-2  | 550.99    | 556.34    | 555.65    | 554.32     | 0.53    | ppb   |
| Barium     | 135-1 | 2604.31   | 2589.37   | 2606.59   | 2600.09    | 0.36    | ppb   |
| Barium     | 137-1 | 2596.70   | 2574.63   | 2590.24   | 2587.19    | 0.44    | ppb   |
| Beryllium  | 9-1   | 414.42    | 412.01    | 419.85    | 415.43     | 0.97    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1188.13   | 1206.11   | 1216.73   | 1203.66    | 1.20    | ppb   |
| Boron      | 11-1  | 1252.26   | 1265.22   | 1285.73   | 1267.74    | 1.33    | ppb   |
| Cadmium    | 111-1 | 489.41    | 492.12    | 493.93    | 491.82     | 0.46    | ppb   |
| Cadmium    | 106-1 | 492.99    | 491.07    | 489.81    | 491.29     | 0.33    | ppb   |
| Cadmium    | 108-1 | 495.72    | 490.39    | 493.74    | 493.28     | 0.55    | ppb   |
| Calcium    | 43-1  | 420930.34 | 420198.36 | 423216.94 | 421448.55  | 0.37    | ppb   |
| Calcium    | 44-1  | 421810.71 | 420749.47 | 422461.05 | 421673.74  | 0.20    | ppb   |
| Chromium   | 52-2  | 530.77    | 532.33    | 539.40    | 534.17     | 0.86    | ppb   |
| Cobalt     | 59-2  | 514.05    | 514.04    | 517.87    | 515.32     | 0.43    | ppb   |
| Copper     | 63-2  | 1051.31   | 1060.30   | 1071.69   | 1061.10    | 0.96    | 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 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 31328.12  | 31339.38  | 31687.84  | 31451.78   | 0.65    | ppb   |
| Iron       | 57-2  | 31647.00  | 31709.63  | 32196.80  | 31851.14   | 0.94    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 500.23    | 506.54    | 512.15    | 506.31     | 1.18    | ppb   |
| Lead       | 207-1 | 499.08    | 507.36    | 507.35    | 504.60     | 0.95    | ppb   |
| Lead       | 208-1 | 503.14    | 510.97    | 513.13    | 509.08     | 1.03    | ppb   |
| Lithium    | 6-1   |           |           |           | 84         |         | %     |
| Magnesium  | 24-2  | 142632.70 | 142981.48 | 144439.13 | 143351.10  | 0.67    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-06 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:16:07 DataFile Name : 034SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1456.77   | 1466.25   | 1485.27   | 1469.43    | 0.99    | ppb   |
| Molybdenum | 94-1  | 2606.85   | 2630.79   | 2630.06   | 2622.57    | 0.52    | ppb   |
| Molybdenum | 95-1  | 2602.41   | 2631.28   | 2619.47   | 2617.72    | 0.55    | ppb   |
| Molybdenum | 96-1  | 2594.79   | 2621.60   | 2618.27   | 2611.55    | 0.56    | ppb   |
| Molybdenum | 97-1  | 2612.71   | 2606.89   | 2627.85   | 2615.82    | 0.41    | ppb   |
| Molybdenum | 98-1  | 2608.27   | 2612.38   | 2648.43   | 2623.02    | 0.84    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 524.24    | 528.89    | 529.96    | 527.70     | 0.58    | ppb   |
| Phosphorus | 31-2  | 16.20     | 3.03      | 1.11      | 6.78       | 121.11  | ppb   |
| Potassium  | 39-2  | 35929.60  | 36077.52  | 36182.52  | 36063.21   | 0.35    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 87         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 538.22    | 523.46    | 531.73    | 531.14     | 1.39    | ppb   |
| Selenium   | 78-2  | 520.20    | 522.06    | 530.78    | 524.34     | 1.08    | ppb   |
| Selenium   | 82-1  | 512.82    | 516.10    | 522.92    | 517.28     | 1.00    | ppb   |
| Silicon    | 28-1  | 12029.38  | 12141.39  | 12142.02  | 12104.27   | 0.54    | ppb   |
| Silver     | 109-1 | 506.65    | 505.35    | 504.75    | 505.58     | 0.19    | ppb   |
| Silver     | 107-1 | 511.18    | 506.95    | 510.18    | 509.44     | 0.43    | ppb   |
| Sodium     | 23-2  | 179393.75 | 178584.14 | 180415.09 | 179464.33  | 0.51    | ppb   |
| Strontium  | 86-1  | 3260.73   | 3259.46   | 3257.00   | 3259.07    | 0.06    | ppb   |
| Strontium  | 88-1  | 3269.09   | 3273.12   | 3285.62   | 3275.94    | 0.26    | ppb   |
| Sulfur     | 34-1  | 284535.72 | 287965.44 | 289300.00 | 287267.06  | 0.86    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 505.89    | 511.18    | 516.16    | 511.08     | 1.01    | ppb   |
| Thallium   | 205-1 | 507.30    | 511.24    | 518.97    | 512.50     | 1.16    | ppb   |
| Tin        | 118-1 | 503.39    | 504.36    | 506.26    | 504.67     | 0.29    | ppb   |
| Titanium   | 47-1  | 2573.88   | 2598.72   | 2600.98   | 2591.19    | 0.58    | ppb   |
| Uranium    | 238-1 | 523.95    | 528.70    | 524.64    | 525.76     | 0.49    | ppb   |
| Vanadium   | 51-2  | 518.98    | 521.93    | 528.19    | 523.03     | 0.90    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 956.03    | 960.91    | 977.53    | 964.83     | 1.17    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-06            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW001-180410MS | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:16:07 | DataFile Name :   | 034SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 525.54  | 524.34  | 528.32  | 526.07     | 0.39    | ppb   |
| Zirconium | 91-1 | 519.88  | 520.76  | 519.48  | 520.04     | 0.13    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-07 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:19:43 DataFile Name : 035SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9496.33   | 9497.24   | 9449.24   | 9480.94    | 0.29    | ppb   |
| Antimony   | 121-1 | 520.53    | 516.51    | 526.05    | 521.03     | 0.92    | ppb   |
| Arsenic    | 75-2  | 555.12    | 556.63    | 551.11    | 554.29     | 0.51    | ppb   |
| Barium     | 135-1 | 2609.97   | 2586.07   | 2634.89   | 2610.31    | 0.94    | ppb   |
| Barium     | 137-1 | 2612.75   | 2580.77   | 2621.91   | 2605.14    | 0.83    | ppb   |
| Beryllium  | 9-1   | 445.88    | 436.79    | 443.39    | 442.02     | 1.06    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1298.57   | 1298.12   | 1304.54   | 1300.41    | 0.28    | ppb   |
| Boron      | 11-1  | 1357.57   | 1370.59   | 1386.02   | 1371.39    | 1.04    | ppb   |
| Cadmium    | 111-1 | 501.17    | 497.38    | 503.37    | 500.64     | 0.61    | ppb   |
| Cadmium    | 106-1 | 489.83    | 497.72    | 509.67    | 499.07     | 2.00    | ppb   |
| Cadmium    | 108-1 | 504.26    | 500.51    | 515.55    | 506.77     | 1.54    | ppb   |
| Calcium    | 43-1  | 427049.31 | 422419.28 | 427208.51 | 425559.03  | 0.64    | ppb   |
| Calcium    | 44-1  | 427744.97 | 425206.14 | 430689.85 | 427880.32  | 0.64    | ppb   |
| Chromium   | 52-2  | 531.35    | 535.65    | 538.07    | 535.02     | 0.64    | ppb   |
| Cobalt     | 59-2  | 512.87    | 522.71    | 520.25    | 518.61     | 0.99    | ppb   |
| Copper     | 63-2  | 1073.44   | 1077.11   | 1081.91   | 1077.49    | 0.39    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 31651.98  | 31890.69  | 31758.78  | 31767.15   | 0.38    | ppb   |
| Iron       | 57-2  | 31689.85  | 32124.62  | 32132.71  | 31982.39   | 0.79    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 515.96    | 517.81    | 512.31    | 515.36     | 0.54    | ppb   |
| Lead       | 207-1 | 515.71    | 515.84    | 511.90    | 514.48     | 0.44    | ppb   |
| Lead       | 208-1 | 517.86    | 519.47    | 516.55    | 517.96     | 0.28    | ppb   |
| Lithium    | 6-1   |           |           |           | 78         |         | %     |
| Magnesium  | 24-2  | 143444.76 | 143901.51 | 143676.35 | 143674.21  | 0.16    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-07 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:19:43 DataFile Name : 035SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1470.67   | 1491.28   | 1481.25   | 1481.06    | 0.70    | ppb   |
| Molybdenum | 94-1  | 2654.22   | 2631.39   | 2650.43   | 2645.35    | 0.46    | ppb   |
| Molybdenum | 95-1  | 2640.25   | 2638.96   | 2637.65   | 2638.95    | 0.05    | ppb   |
| Molybdenum | 96-1  | 2626.95   | 2622.99   | 2621.89   | 2623.94    | 0.10    | ppb   |
| Molybdenum | 97-1  | 2622.91   | 2629.03   | 2611.63   | 2621.19    | 0.34    | ppb   |
| Molybdenum | 98-1  | 2633.33   | 2639.27   | 2639.57   | 2637.39    | 0.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 526.45    | 535.47    | 536.85    | 532.92     | 1.06    | ppb   |
| Phosphorus | 31-2  | -15.06    | 35.81     | 11.90     | 10.88      | 233.81  | ppb   |
| Potassium  | 39-2  | 36107.34  | 36247.30  | 36062.86  | 36139.17   | 0.27    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 542.23    | 529.25    | 529.51    | 533.66     | 1.39    | ppb   |
| Selenium   | 78-2  | 514.22    | 533.06    | 528.53    | 525.27     | 1.87    | ppb   |
| Selenium   | 82-1  | 529.34    | 521.17    | 525.75    | 525.42     | 0.78    | ppb   |
| Silicon    | 28-1  | 12253.27  | 12149.86  | 12276.93  | 12226.69   | 0.55    | ppb   |
| Silver     | 109-1 | 515.07    | 504.86    | 519.75    | 513.22     | 1.48    | ppb   |
| Silver     | 107-1 | 510.71    | 508.98    | 517.02    | 512.24     | 0.83    | ppb   |
| Sodium     | 23-2  | 180593.08 | 181430.73 | 180525.75 | 180849.85  | 0.28    | ppb   |
| Strontium  | 86-1  | 3296.29   | 3290.81   | 3313.86   | 3300.32    | 0.36    | ppb   |
| Strontium  | 88-1  | 3313.97   | 3291.27   | 3328.98   | 3311.41    | 0.57    | ppb   |
| Sulfur     | 34-1  | 297897.00 | 295050.46 | 298432.73 | 297126.73  | 0.61    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 519.37    | 516.34    | 520.27    | 518.66     | 0.40    | ppb   |
| Thallium   | 205-1 | 520.92    | 525.90    | 524.77    | 523.86     | 0.50    | ppb   |
| Tin        | 118-1 | 506.77    | 503.97    | 511.75    | 507.50     | 0.78    | ppb   |
| Titanium   | 47-1  | 2595.65   | 2587.97   | 2600.58   | 2594.74    | 0.24    | ppb   |
| Uranium    | 238-1 | 535.96    | 540.95    | 539.28    | 538.73     | 0.47    | ppb   |
| Vanadium   | 51-2  | 521.35    | 526.47    | 525.36    | 524.39     | 0.51    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 962.51    | 970.79    | 966.30    | 966.53     | 0.43    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-07            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW001-180410M9 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:19:43 | DataFile Name :   | 035SMPL_P7042318- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 527.05  | 525.41  | 527.68  | 526.71     | 0.22    | ppb   |
| Zirconium | 91-1 | 524.00  | 518.54  | 521.11  | 521.22     | 0.52    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05A Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:23:19 DataFile Name : 036SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9467.83   | 9473.41   | 9396.74   | 9445.99    | 0.45    | ppb   |
| Antimony   | 121-1 | 511.60    | 514.10    | 512.75    | 512.82     | 0.24    | ppb   |
| Arsenic    | 75-2  | 548.89    | 549.79    | 543.37    | 547.35     | 0.64    | ppb   |
| Barium     | 135-1 | 2555.05   | 2591.87   | 2590.32   | 2579.08    | 0.81    | ppb   |
| Barium     | 137-1 | 2549.99   | 2576.83   | 2582.21   | 2569.68    | 0.67    | ppb   |
| Beryllium  | 9-1   | 428.46    | 431.38    | 427.69    | 429.18     | 0.45    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1238.07   | 1264.30   | 1265.24   | 1255.87    | 1.23    | ppb   |
| Boron      | 11-1  | 1314.45   | 1321.90   | 1315.91   | 1317.42    | 0.30    | ppb   |
| Cadmium    | 111-1 | 489.97    | 494.78    | 493.07    | 492.61     | 0.49    | ppb   |
| Cadmium    | 106-1 | 490.23    | 492.27    | 482.95    | 488.48     | 1.00    | ppb   |
| Cadmium    | 108-1 | 493.48    | 495.31    | 490.10    | 492.96     | 0.54    | ppb   |
| Calcium    | 43-1  | 422912.88 | 421482.23 | 420256.10 | 421550.40  | 0.32    | ppb   |
| Calcium    | 44-1  | 422385.73 | 423080.02 | 421003.47 | 422156.41  | 0.25    | ppb   |
| Chromium   | 52-2  | 539.26    | 539.92    | 540.18    | 539.79     | 0.09    | ppb   |
| Cobalt     | 59-2  | 529.35    | 524.44    | 524.39    | 526.06     | 0.54    | ppb   |
| Copper     | 63-2  | 1084.64   | 1094.08   | 1084.86   | 1087.86    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 32088.96  | 32048.59  | 31925.35  | 32020.97   | 0.27    | ppb   |
| Iron       | 57-2  | 32138.57  | 32256.96  | 32147.20  | 32180.91   | 0.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 518.34    | 512.83    | 514.25    | 515.14     | 0.56    | ppb   |
| Lead       | 207-1 | 516.45    | 510.48    | 510.62    | 512.52     | 0.67    | ppb   |
| Lead       | 208-1 | 520.41    | 515.74    | 515.99    | 517.38     | 0.51    | ppb   |
| Lithium    | 6-1   |           |           |           | 81         |         | %     |
| Magnesium  | 24-2  | 143304.38 | 143347.43 | 143218.10 | 143289.97  | 0.05    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:23:19 | DataFile Name :   | 036SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1483.58   | 1489.57   | 1486.73   | 1486.63    | 0.20    | ppb   |
| Molybdenum | 94-1  | 2645.22   | 2641.87   | 2645.28   | 2644.12    | 0.07    | ppb   |
| Molybdenum | 95-1  | 2630.57   | 2624.03   | 2648.94   | 2634.52    | 0.49    | ppb   |
| Molybdenum | 96-1  | 2630.60   | 2635.43   | 2646.36   | 2637.46    | 0.31    | ppb   |
| Molybdenum | 97-1  | 2639.20   | 2645.32   | 2652.61   | 2645.71    | 0.25    | ppb   |
| Molybdenum | 98-1  | 2665.04   | 2650.48   | 2648.00   | 2654.51    | 0.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 540.60    | 539.86    | 537.65    | 539.37     | 0.28    | ppb   |
| Phosphorus | 31-2  | 7.95      | 7.18      | 17.04     | 10.72      | 51.13   | ppb   |
| Potassium  | 39-2  | 36019.84  | 35978.97  | 35555.37  | 35851.40   | 0.72    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 87         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 506.81    | 539.12    | 510.39    | 518.77     | 3.41    | ppb   |
| Selenium   | 78-2  | 527.20    | 526.59    | 515.98    | 523.26     | 1.21    | ppb   |
| Selenium   | 82-1  | 521.91    | 520.13    | 520.43    | 520.82     | 0.18    | ppb   |
| Silicon    | 28-1  | 12068.17  | 12179.89  | 12035.13  | 12094.39   | 0.63    | ppb   |
| Silver     | 109-1 | 508.07    | 510.31    | 509.28    | 509.22     | 0.22    | ppb   |
| Silver     | 107-1 | 503.70    | 505.43    | 506.08    | 505.07     | 0.24    | ppb   |
| Sodium     | 23-2  | 179958.88 | 179804.94 | 179738.59 | 179834.14  | 0.06    | ppb   |
| Strontium  | 86-1  | 3283.32   | 3302.84   | 3258.41   | 3281.52    | 0.68    | ppb   |
| Strontium  | 88-1  | 3276.33   | 3309.01   | 3270.42   | 3285.25    | 0.63    | ppb   |
| Sulfur     | 34-1  | 289878.88 | 290583.39 | 288443.47 | 289635.25  | 0.38    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 517.09    | 520.49    | 522.48    | 520.02     | 0.52    | ppb   |
| Thallium   | 205-1 | 524.47    | 522.94    | 525.92    | 524.44     | 0.28    | ppb   |
| Tin        | 118-1 | 500.23    | 501.06    | 500.27    | 500.52     | 0.09    | ppb   |
| Titanium   | 47-1  | 2585.79   | 2586.03   | 2585.23   | 2585.68    | 0.02    | ppb   |
| Uranium    | 238-1 | 545.13    | 539.14    | 543.55    | 542.60     | 0.57    | ppb   |
| Vanadium   | 51-2  | 530.11    | 528.39    | 525.87    | 528.12     | 0.40    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 971.94    | 972.35    | 972.58    | 972.29     | 0.03    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:23:19 | DataFile Name :   | 036SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 525.22  | 522.35  | 524.70  | 524.09     | 0.29    | ppb   |
| Zirconium | 91-1 | 517.65  | 520.64  | 519.62  | 519.30     | 0.29    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98.32     | 95.88     | 94.54     | 96.25      | 1.99    | ppb   |
| Antimony   | 121-1 | 1.28      | 1.35      | 1.35      | 1.33       | 3.21    | ppb   |
| Arsenic    | 75-2  | 5.86      | 5.91      | 5.98      | 5.92       | 0.97    | ppb   |
| Barium     | 135-1 | 209.37    | 209.94    | 209.80    | 209.70     | 0.14    | ppb   |
| Barium     | 137-1 | 210.05    | 209.78    | 207.58    | 209.14     | 0.65    | ppb   |
| Beryllium  | 9-1   | 0.23      | 0.12      | 0.14      | 0.17       | 35.55   | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 259.53    | 255.66    | 264.17    | 259.79     | 1.64    | ppb   |
| Boron      | 11-1  | 271.03    | 274.98    | 278.89    | 274.96     | 1.43    | ppb   |
| Cadmium    | 111-1 | 0.11      | 0.01      | -0.04     | 0.03       | 254.75  | ppb   |
| Cadmium    | 106-1 | 0.11      | -0.87     | -1.69     | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.17      | 0.02      | 0.10      | 0.10       | 77.41   | ppb   |
| Calcium    | 43-1  | 129413.91 | 127600.66 | 128217.87 | 128410.81  | 0.72    | ppb   |
| Calcium    | 44-1  | 129346.73 | 127876.39 | 129309.25 | 128844.12  | 0.65    | ppb   |
| Chromium   | 52-2  | 1.43      | 1.37      | 1.30      | 1.37       | 4.77    | ppb   |
| Cobalt     | 59-2  | 0.39      | 0.33      | 0.37      | 0.36       | 8.01    | ppb   |
| Copper     | 63-2  | 5.09      | 5.09      | 5.09      | 5.09       | 0.01    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 5330.08   | 5324.90   | 5281.17   | 5312.05    | 0.51    | ppb   |
| Iron       | 57-2  | 5425.37   | 5401.47   | 5375.49   | 5400.78    | 0.46    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.63      | 0.63      | 0.64      | 0.64       | 1.21    | ppb   |
| Lead       | 207-1 | 0.59      | 0.59      | 0.55      | 0.58       | 3.24    | ppb   |
| Lead       | 208-1 | 0.62      | 0.60      | 0.58      | 0.60       | 3.79    | ppb   |
| Lithium    | 6-1   |           |           |           | 81         |         | %     |
| Magnesium  | 24-2  | 16512.67  | 16456.19  | 16380.92  | 16449.93   | 0.40    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 307.81   | 307.18   | 303.97   | 306.32     | 0.67    | ppb   |
| Molybdenum | 94-1  | 2.06     | 1.89     | 1.77     | 1.91       | 7.74    | ppb   |
| Molybdenum | 95-1  | 2.21     | 2.10     | 2.09     | 2.13       | 3.13    | ppb   |
| Molybdenum | 96-1  | 2.27     | 2.16     | 2.11     | 2.18       | 3.91    | ppb   |
| Molybdenum | 97-1  | 2.28     | 2.32     | 2.13     | 2.25       | 4.59    | ppb   |
| Molybdenum | 98-1  | 2.27     | 2.11     | 2.12     | 2.17       | 4.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.53     | 2.55     | 2.49     | 2.52       | 1.19    | ppb   |
| Phosphorus | 31-2  | 21.87    | 12.50    | 22.30    | 18.89      | 29.31   | ppb   |
| Potassium  | 39-2  | 6749.66  | 6770.66  | 6691.84  | 6737.39    | 0.61    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 3.13     | 5.84     | 3.52     | 4.16       | 35.09   | ppb   |
| Selenium   | 78-2  | 0.01     | 0.31     | 0.72     | 0.35       | 102.47  | ppb   |
| Selenium   | 82-1  | 1.00     | 0.69     | 1.68     | 1.12       | 44.90   | ppb   |
| Silicon    | 28-1  | 7751.69  | 7697.05  | 7685.02  | 7711.25    | 0.46    | ppb   |
| Silver     | 109-1 | 0.42     | 0.43     | 0.39     | 0.41       | 4.64    | ppb   |
| Silver     | 107-1 | 0.46     | 0.47     | 0.40     | 0.44       | 9.05    | ppb   |
| Sodium     | 23-2  | 33871.86 | 33539.23 | 33532.70 | 33647.93   | 0.58    | ppb   |
| Strontium  | 86-1  | 646.67   | 647.20   | 651.36   | 648.41     | 0.40    | ppb   |
| Strontium  | 88-1  | 657.01   | 661.88   | 667.64   | 662.18     | 0.80    | ppb   |
| Sulfur     | 34-1  | 18771.93 | 18202.83 | 18463.40 | 18479.39   | 1.54    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.34     | 0.29     | 0.24     | 0.29       | 16.11   | ppb   |
| Thallium   | 205-1 | 0.32     | 0.28     | 0.24     | 0.28       | 13.78   | ppb   |
| Tin        | 118-1 | 2.63     | 2.61     | 2.53     | 2.59       | 2.09    | ppb   |
| Titanium   | 47-1  | 2.06     | 2.37     | 1.99     | 2.14       | 9.43    | ppb   |
| Uranium    | 238-1 | 1.39     | 1.34     | 1.37     | 1.36       | 1.87    | ppb   |
| Vanadium   | 51-2  | 1.46     | 1.46     | 1.47     | 1.46       | 0.39    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 34.10    | 34.52    | 34.64    | 34.42      | 0.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.25    | 0.28    | 0.27       | 5.74    | ppb   |
| Zirconium | 91-1 | 0.26    | 0.27    | 0.32    | 0.28       | 11.33   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 190.43    | 197.89    | 197.78    | 195.37     | 2.19    | ppb   |
| Antimony   | 121-1 | 1.37      | 1.39      | 1.34      | 1.36       | 1.86    | ppb   |
| Arsenic    | 75-2  | 5.79      | 5.80      | 5.76      | 5.78       | 0.40    | ppb   |
| Barium     | 135-1 | 127.93    | 128.33    | 128.28    | 128.18     | 0.17    | ppb   |
| Barium     | 137-1 | 129.00    | 129.38    | 127.60    | 128.66     | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.14      | 0.11      | 0.09      | 0.11       | 19.51   | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 162.44    | 150.65    | 160.79    | 157.96     | 4.04    | ppb   |
| Boron      | 11-1  | 166.11    | 162.15    | 168.68    | 165.65     | 1.99    | ppb   |
| Cadmium    | 111-1 | 0.10      | 0.04      | 0.05      | 0.06       | 53.14   | ppb   |
| Cadmium    | 106-1 | -0.33     | -0.49     | -0.55     | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.12      | 0.20      | 0.20      | 0.17       | 25.12   | ppb   |
| Calcium    | 43-1  | 125546.82 | 126989.78 | 125856.01 | 126130.87  | 0.60    | ppb   |
| Calcium    | 44-1  | 126248.97 | 127337.92 | 126861.45 | 126816.12  | 0.43    | ppb   |
| Chromium   | 52-2  | 1.04      | 1.08      | 1.11      | 1.08       | 3.30    | ppb   |
| Cobalt     | 59-2  | 0.73      | 0.68      | 0.68      | 0.69       | 4.19    | ppb   |
| Copper     | 63-2  | 6.48      | 6.45      | 6.42      | 6.45       | 0.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 1485.31   | 1505.73   | 1494.14   | 1495.06    | 0.68    | ppb   |
| Iron       | 57-2  | 1712.43   | 1719.90   | 1688.82   | 1707.05    | 0.95    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.70      | 0.67      | 0.70      | 0.69       | 2.96    | ppb   |
| Lead       | 207-1 | 0.61      | 0.64      | 0.58      | 0.61       | 4.71    | ppb   |
| Lead       | 208-1 | 0.68      | 0.67      | 0.65      | 0.66       | 2.13    | ppb   |
| Lithium    | 6-1   |           |           |           | 81         |         | %     |
| Magnesium  | 24-2  | 10431.39  | 10475.33  | 10383.07  | 10429.93   | 0.44    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 260.33   | 264.63   | 262.33   | 262.43     | 0.82    | ppb   |
| Molybdenum | 94-1  | 1.42     | 1.26     | 1.29     | 1.33       | 6.49    | ppb   |
| Molybdenum | 95-1  | 1.32     | 1.39     | 1.34     | 1.35       | 2.64    | ppb   |
| Molybdenum | 96-1  | 1.37     | 1.38     | 1.35     | 1.37       | 0.99    | ppb   |
| Molybdenum | 97-1  | 1.47     | 1.46     | 1.38     | 1.44       | 3.60    | ppb   |
| Molybdenum | 98-1  | 1.39     | 1.38     | 1.36     | 1.38       | 0.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.05     | 2.08     | 2.10     | 2.08       | 1.23    | ppb   |
| Phosphorus | 31-2  | 100.50   | 84.10    | 88.08    | 90.89      | 9.41    | ppb   |
| Potassium  | 39-2  | 8607.43  | 8638.59  | 8694.12  | 8646.71    | 0.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 4.67     | 3.44     | 5.78     | 4.63       | 25.37   | ppb   |
| Selenium   | 78-2  | -0.14    | -0.71    | -0.36    | -0.40      |         | ppb   |
| Selenium   | 82-1  | 2.36     | 2.61     | 3.55     | 2.84       | 22.19   | ppb   |
| Silicon    | 28-1  | 5564.09  | 5632.60  | 5575.44  | 5590.71    | 0.66    | ppb   |
| Silver     | 109-1 | 0.36     | 0.35     | 0.34     | 0.35       | 3.62    | ppb   |
| Silver     | 107-1 | 0.40     | 0.40     | 0.35     | 0.38       | 7.09    | ppb   |
| Sodium     | 23-2  | 49977.66 | 50280.84 | 49627.13 | 49961.87   | 0.65    | ppb   |
| Strontium  | 86-1  | 391.66   | 390.64   | 391.19   | 391.16     | 0.13    | ppb   |
| Strontium  | 88-1  | 401.77   | 400.04   | 398.85   | 400.22     | 0.37    | ppb   |
| Sulfur     | 34-1  | 19633.16 | 20155.17 | 19752.08 | 19846.80   | 1.38    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.06     | 0.07     | 0.06     | 0.06       | 10.99   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.05     | 0.06     | 0.06       | 14.71   | ppb   |
| Tin        | 118-1 | 1.99     | 2.01     | 1.98     | 1.99       | 0.80    | ppb   |
| Titanium   | 47-1  | 3.53     | 3.48     | 3.10     | 3.37       | 7.02    | ppb   |
| Uranium    | 238-1 | 0.98     | 0.95     | 0.96     | 0.96       | 1.47    | ppb   |
| Vanadium   | 51-2  | 2.12     | 2.19     | 2.19     | 2.17       | 1.66    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 18.21    | 16.70    | 17.07    | 17.33      | 4.54    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.23    | 0.24    | 0.25       | 9.96    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.26    | 0.22    | 0.25       | 11.73   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.26      | 4.36      | 4.86      | 4.82       | 9.31    | ppb   |
| Antimony   | 121-1 | 1.32      | 1.28      | 1.39      | 1.33       | 3.88    | ppb   |
| Arsenic    | 75-2  | 1.84      | 1.85      | 1.85      | 1.85       | 0.30    | ppb   |
| Barium     | 135-1 | 234.53    | 232.42    | 229.25    | 232.07     | 1.14    | ppb   |
| Barium     | 137-1 | 231.85    | 232.76    | 232.50    | 232.37     | 0.20    | ppb   |
| Beryllium  | 9-1   | 0.08      | 0.06      | 0.06      | 0.07       | 19.63   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 349.37    | 359.80    | 357.06    | 355.41     | 1.52    | ppb   |
| Boron      | 11-1  | 364.85    | 380.81    | 381.80    | 375.82     | 2.53    | ppb   |
| Cadmium    | 111-1 | 2.04      | 2.05      | 2.11      | 2.07       | 1.75    | ppb   |
| Cadmium    | 106-1 | 0.50      | 0.14      | 1.78      | 0.81       | 107.14  | ppb   |
| Cadmium    | 108-1 | 2.15      | 1.70      | 1.92      | 1.92       | 11.77   | ppb   |
| Calcium    | 43-1  | 173248.05 | 171017.76 | 170970.48 | 171745.43  | 0.76    | ppb   |
| Calcium    | 44-1  | 172577.71 | 171917.84 | 171729.59 | 172075.05  | 0.26    | ppb   |
| Chromium   | 52-2  | 1.21      | 1.24      | 1.24      | 1.23       | 1.50    | ppb   |
| Cobalt     | 59-2  | 0.62      | 0.58      | 0.56      | 0.59       | 4.96    | ppb   |
| Copper     | 63-2  | 5.84      | 5.80      | 5.80      | 5.81       | 0.43    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 1252.98   | 1264.80   | 1255.76   | 1257.85    | 0.49    | ppb   |
| Iron       | 57-2  | 1545.17   | 1561.19   | 1528.25   | 1544.87    | 1.07    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.22      | 1.25      | 1.27      | 1.24       | 1.90    | ppb   |
| Lead       | 207-1 | 1.12      | 1.11      | 1.20      | 1.14       | 4.20    | ppb   |
| Lead       | 208-1 | 1.20      | 1.19      | 1.22      | 1.20       | 1.13    | ppb   |
| Lithium    | 6-1   |           |           |           | 78         |         | %     |
| Magnesium  | 24-2  | 23253.89  | 23299.24  | 23183.25  | 23245.46   | 0.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 548.09   | 557.10   | 554.09   | 553.09     | 0.83    | ppb   |
| Molybdenum | 94-1  | 1.18     | 1.17     | 1.27     | 1.21       | 4.56    | ppb   |
| Molybdenum | 95-1  | 1.58     | 1.51     | 1.47     | 1.52       | 3.71    | ppb   |
| Molybdenum | 96-1  | 1.68     | 1.63     | 1.46     | 1.59       | 7.23    | ppb   |
| Molybdenum | 97-1  | 1.45     | 1.58     | 1.57     | 1.54       | 4.83    | ppb   |
| Molybdenum | 98-1  | 1.63     | 1.51     | 1.52     | 1.55       | 4.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.63     | 2.73     | 2.50     | 2.62       | 4.45    | ppb   |
| Phosphorus | 31-2  | -23.79   | -1.21    | -25.04   | -16.68     |         | ppb   |
| Potassium  | 39-2  | 6855.99  | 6909.82  | 6875.00  | 6880.27    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 3.95     | 4.80     | 4.83     | 4.53       | 11.00   | ppb   |
| Selenium   | 78-2  | -0.09    | 0.41     | 0.24     | 0.19       | 135.92  | ppb   |
| Selenium   | 82-1  | 2.12     | 1.73     | 1.55     | 1.80       | 16.40   | ppb   |
| Silicon    | 28-1  | 8489.67  | 8498.03  | 8623.36  | 8537.02    | 0.88    | ppb   |
| Silver     | 109-1 | 0.32     | 0.34     | 0.29     | 0.32       | 8.17    | ppb   |
| Silver     | 107-1 | 0.34     | 0.29     | 0.30     | 0.31       | 8.87    | ppb   |
| Sodium     | 23-2  | 57974.36 | 58171.83 | 57733.60 | 57959.93   | 0.38    | ppb   |
| Strontium  | 86-1  | 883.32   | 880.24   | 867.71   | 877.09     | 0.94    | ppb   |
| Strontium  | 88-1  | 891.09   | 896.62   | 895.99   | 894.57     | 0.34    | ppb   |
| Sulfur     | 34-1  | 25817.60 | 25670.81 | 25781.47 | 25756.63   | 0.30    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.04     | 0.04       | 14.99   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05     | 0.05     | 0.05       | 5.49    | ppb   |
| Tin        | 118-1 | 1.92     | 1.86     | 1.84     | 1.87       | 2.11    | ppb   |
| Titanium   | 47-1  | 1.09     | 1.23     | 1.18     | 1.17       | 6.10    | ppb   |
| Uranium    | 238-1 | 0.81     | 0.78     | 0.84     | 0.81       | 3.56    | ppb   |
| Vanadium   | 51-2  | 1.11     | 1.14     | 1.17     | 1.14       | 2.59    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 19.34    | 19.55    | 20.16    | 19.68      | 2.15    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.08    | 0.06    | 0.07       | 14.23   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.07    | 0.07    | 0.07       | 6.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47.82     | 45.63     | 48.15     | 47.20      | 2.90    | ppb   |
| Antimony   | 121-1 | 1.64      | 1.78      | 1.77      | 1.73       | 4.53    | ppb   |
| Arsenic    | 75-2  | 6.01      | 5.92      | 6.03      | 5.99       | 1.03    | ppb   |
| Barium     | 135-1 | 168.49    | 167.24    | 165.90    | 167.21     | 0.78    | ppb   |
| Barium     | 137-1 | 168.78    | 166.19    | 166.99    | 167.32     | 0.79    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.08      | 0.07      | 0.10       | 30.95   | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 426.82    | 435.25    | 429.32    | 430.47     | 1.01    | ppb   |
| Boron      | 11-1  | 454.74    | 464.13    | 464.68    | 461.18     | 1.21    | ppb   |
| Cadmium    | 111-1 | 0.29      | 0.21      | 0.19      | 0.23       | 24.14   | ppb   |
| Cadmium    | 106-1 | -0.23     | -1.75     | -1.32     | -1.10      |         | ppb   |
| Cadmium    | 108-1 | 0.35      | 0.27      | 0.22      | 0.28       | 22.28   | ppb   |
| Calcium    | 43-1  | 209886.87 | 208764.79 | 207305.02 | 208652.23  | 0.62    | ppb   |
| Calcium    | 44-1  | 208974.71 | 208645.44 | 207993.78 | 208537.97  | 0.24    | ppb   |
| Chromium   | 52-2  | 1.84      | 1.85      | 1.80      | 1.83       | 1.42    | ppb   |
| Cobalt     | 59-2  | 0.91      | 0.94      | 0.91      | 0.92       | 1.99    | ppb   |
| Copper     | 63-2  | 6.43      | 6.38      | 6.44      | 6.42       | 0.47    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 6341.28   | 6252.27   | 6278.69   | 6290.74    | 0.73    | ppb   |
| Iron       | 57-2  | 6460.11   | 6403.19   | 6457.21   | 6440.17    | 0.50    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3.54      | 3.44      | 3.41      | 3.46       | 1.88    | ppb   |
| Lead       | 207-1 | 3.27      | 3.16      | 3.27      | 3.23       | 1.86    | ppb   |
| Lead       | 208-1 | 3.40      | 3.33      | 3.33      | 3.35       | 1.15    | ppb   |
| Lithium    | 6-1   |           |           |           | 76         |         | %     |
| Magnesium  | 24-2  | 31219.96  | 31058.42  | 31001.05  | 31093.14   | 0.37    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 175.28   | 174.02   | 174.51   | 174.60     | 0.36    | ppb   |
| Molybdenum | 94-1  | 2.50     | 2.46     | 2.48     | 2.48       | 0.71    | ppb   |
| Molybdenum | 95-1  | 3.05     | 3.16     | 3.13     | 3.12       | 1.80    | ppb   |
| Molybdenum | 96-1  | 2.98     | 3.01     | 2.97     | 2.99       | 0.77    | ppb   |
| Molybdenum | 97-1  | 3.01     | 3.02     | 3.05     | 3.02       | 0.68    | ppb   |
| Molybdenum | 98-1  | 3.04     | 3.11     | 3.10     | 3.08       | 1.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.80     | 4.94     | 4.88     | 4.87       | 1.46    | ppb   |
| Phosphorus | 31-2  | 106.93   | 105.73   | 103.70   | 105.45     | 1.55    | ppb   |
| Potassium  | 39-2  | 9767.17  | 9764.08  | 9799.50  | 9776.91    | 0.20    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 2.01     | 3.58     | 6.01     | 3.87       | 52.08   | ppb   |
| Selenium   | 78-2  | 0.37     | 0.06     | -0.57    | -0.05      |         | ppb   |
| Selenium   | 82-1  | 1.98     | 1.14     | 2.13     | 1.75       | 30.32   | ppb   |
| Silicon    | 28-1  | 9222.74  | 9164.95  | 9106.35  | 9164.68    | 0.64    | ppb   |
| Silver     | 109-1 | 0.28     | 0.26     | 0.25     | 0.26       | 5.57    | ppb   |
| Silver     | 107-1 | 0.30     | 0.25     | 0.25     | 0.27       | 10.10   | ppb   |
| Sodium     | 23-2  | 66111.66 | 65686.61 | 66207.38 | 66001.88   | 0.42    | ppb   |
| Strontium  | 86-1  | 1093.31  | 1087.67  | 1084.77  | 1088.58    | 0.40    | ppb   |
| Strontium  | 88-1  | 1107.06  | 1099.90  | 1097.52  | 1101.49    | 0.45    | ppb   |
| Sulfur     | 34-1  | 51025.89 | 50466.15 | 49888.53 | 50460.19   | 1.13    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.03     | 0.03       | 11.39   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.03     | 0.03     | 0.03       | 8.86    | ppb   |
| Tin        | 118-1 | 1.40     | 1.46     | 1.57     | 1.48       | 5.70    | ppb   |
| Titanium   | 47-1  | 1.88     | 2.32     | 1.91     | 2.04       | 11.91   | ppb   |
| Uranium    | 238-1 | 6.59     | 6.47     | 6.58     | 6.55       | 1.03    | ppb   |
| Vanadium   | 51-2  | 4.08     | 3.88     | 4.01     | 3.99       | 2.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 75.71    | 74.99    | 75.95    | 75.55      | 0.66    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.20    | 0.19    | 0.21    | 0.20       | 4.00    | ppb   |
| Zirconium | 91-1 | 0.25    | 0.20    | 0.16    | 0.21       | 22.96   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW161-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:41:10 | DataFile Name :   | 041SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.85      | 2.62      | 2.31      | 2.59       | 10.40   | ppb   |
| Antimony   | 121-1 | 0.97      | 1.00      | 1.05      | 1.01       | 3.89    | ppb   |
| Arsenic    | 75-2  | 5.72      | 5.54      | 5.52      | 5.59       | 1.91    | ppb   |
| Barium     | 135-1 | 178.56    | 177.14    | 175.29    | 177.00     | 0.93    | ppb   |
| Barium     | 137-1 | 178.34    | 176.55    | 176.82    | 177.24     | 0.55    | ppb   |
| Beryllium  | 9-1   | 0.05      | 0.05      | 0.09      | 0.07       | 35.67   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 386.47    | 401.81    | 406.42    | 398.23     | 2.62    | ppb   |
| Boron      | 11-1  | 417.69    | 422.44    | 432.17    | 424.10     | 1.74    | ppb   |
| Cadmium    | 111-1 | 0.22      | 0.25      | 0.18      | 0.22       | 16.34   | ppb   |
| Cadmium    | 106-1 | -1.36     | -1.62     | -2.63     | -1.87      |         | ppb   |
| Cadmium    | 108-1 | 0.23      | 0.25      | 0.30      | 0.26       | 13.65   | ppb   |
| Calcium    | 43-1  | 178039.60 | 178906.00 | 178114.44 | 178353.35  | 0.27    | ppb   |
| Calcium    | 44-1  | 178636.92 | 180232.96 | 178418.31 | 179096.06  | 0.55    | ppb   |
| Chromium   | 52-2  | 0.82      | 0.78      | 0.78      | 0.79       | 2.35    | ppb   |
| Cobalt     | 59-2  | 0.41      | 0.43      | 0.43      | 0.42       | 2.90    | ppb   |
| Copper     | 63-2  | 7.36      | 7.28      | 7.36      | 7.33       | 0.61    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 3687.73   | 3670.76   | 3685.10   | 3681.20    | 0.25    | ppb   |
| Iron       | 57-2  | 3883.60   | 3892.10   | 3899.68   | 3891.80    | 0.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.23      | 1.22      | 1.20      | 1.22       | 0.93    | ppb   |
| Lead       | 207-1 | 1.09      | 1.15      | 1.17      | 1.14       | 3.99    | ppb   |
| Lead       | 208-1 | 1.19      | 1.20      | 1.19      | 1.19       | 0.66    | ppb   |
| Lithium    | 6-1   |           |           |           | 72         |         | %     |
| Magnesium  | 24-2  | 24580.25  | 24666.36  | 24586.20  | 24610.93   | 0.20    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW161-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:41:10 | DataFile Name :   | 041SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 345.87   | 346.63   | 347.11   | 346.54     | 0.18    | ppb   |
| Molybdenum | 94-1  | 1.05     | 0.98     | 1.04     | 1.02       | 3.87    | ppb   |
| Molybdenum | 95-1  | 1.32     | 1.37     | 1.39     | 1.36       | 2.66    | ppb   |
| Molybdenum | 96-1  | 1.27     | 1.31     | 1.32     | 1.30       | 2.08    | ppb   |
| Molybdenum | 97-1  | 1.25     | 1.32     | 1.27     | 1.28       | 2.65    | ppb   |
| Molybdenum | 98-1  | 1.32     | 1.32     | 1.38     | 1.34       | 2.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.17     | 2.20     | 2.04     | 2.14       | 4.06    | ppb   |
| Phosphorus | 31-2  | -2.11    | 11.49    | 7.10     | 5.49       | 126.42  | ppb   |
| Potassium  | 39-2  | 7183.25  | 7239.38  | 7231.57  | 7218.07    | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 3.97     | 5.98     | 4.76     | 4.90       | 20.74   | ppb   |
| Selenium   | 78-2  | 0.12     | -0.19    | 0.12     | 0.02       | 1017.26 | ppb   |
| Selenium   | 82-1  | 1.36     | 1.83     | 2.45     | 1.88       | 29.14   | ppb   |
| Silicon    | 28-1  | 9736.73  | 9589.67  | 9695.33  | 9673.91    | 0.78    | ppb   |
| Silver     | 109-1 | 0.22     | 0.22     | 0.25     | 0.23       | 6.25    | ppb   |
| Silver     | 107-1 | 0.24     | 0.25     | 0.23     | 0.24       | 2.85    | ppb   |
| Sodium     | 23-2  | 61164.10 | 61879.29 | 61262.28 | 61435.22   | 0.63    | ppb   |
| Strontium  | 86-1  | 908.52   | 911.96   | 913.47   | 911.31     | 0.28    | ppb   |
| Strontium  | 88-1  | 931.35   | 931.35   | 932.59   | 931.76     | 0.08    | ppb   |
| Sulfur     | 34-1  | 27496.17 | 26843.11 | 26588.48 | 26975.92   | 1.74    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.01       | 25.59   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.60   | ppb   |
| Tin        | 118-1 | 1.39     | 1.48     | 1.43     | 1.44       | 3.00    | ppb   |
| Titanium   | 47-1  | 1.36     | 1.19     | 1.11     | 1.22       | 10.53   | ppb   |
| Uranium    | 238-1 | 1.17     | 1.18     | 1.19     | 1.18       | 0.88    | ppb   |
| Vanadium   | 51-2  | 1.09     | 1.08     | 1.09     | 1.08       | 0.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 58.48    | 59.96    | 60.31    | 59.58      | 1.63    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW161-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:41:10 | DataFile Name :   | 041SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.08    | 0.09    | 0.08       | 5.28    | ppb   |
| Zirconium | 91-1 | 0.08    | 0.07    | 0.07    | 0.07       | 9.45    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:58:20 | DataFile Name :   | 044CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48139.16  | 48410.96  | 48453.38  | 48334.50   | 0.35    | ppb   |
| Antimony   | 121-1 | 473.53    | 478.36    | 476.31    | 476.07     | 0.51    | ppb   |
| Arsenic    | 75-2  | 491.79    | 492.16    | 492.79    | 492.25     | 0.10    | ppb   |
| Barium     | 135-1 | 2386.00   | 2391.31   | 2398.48   | 2391.93    | 0.26    | ppb   |
| Barium     | 137-1 | 2389.00   | 2412.83   | 2390.76   | 2397.53    | 0.55    | ppb   |
| Beryllium  | 9-1   | 519.03    | 522.24    | 525.83    | 522.36     | 0.65    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 530.11    | 531.17    | 545.47    | 535.58     | 1.60    | ppb   |
| Boron      | 11-1  | 536.79    | 550.10    | 552.03    | 546.31     | 1.52    | ppb   |
| Cadmium    | 111-1 | 463.21    | 464.59    | 460.75    | 462.85     | 0.42    | ppb   |
| Cadmium    | 106-1 | 467.99    | 472.49    | 464.21    | 468.23     | 0.89    | ppb   |
| Cadmium    | 108-1 | 458.82    | 470.83    | 466.49    | 465.38     | 1.31    | ppb   |
| Calcium    | 43-1  | 223901.93 | 224193.13 | 225091.11 | 224395.39  | 0.28    | ppb   |
| Calcium    | 44-1  | 224962.95 | 225592.22 | 226596.69 | 225717.28  | 0.37    | ppb   |
| Chromium   | 52-2  | 492.11    | 495.88    | 494.43    | 494.14     | 0.38    | ppb   |
| Cobalt     | 59-2  | 469.27    | 470.18    | 471.43    | 470.29     | 0.23    | ppb   |
| Copper     | 63-2  | 935.81    | 936.65    | 943.63    | 938.70     | 0.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 121433.53 | 121709.67 | 121957.35 | 121700.18  | 0.22    | ppb   |
| Iron       | 57-2  | 121152.57 | 122132.73 | 122038.42 | 121774.58  | 0.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 478.02    | 480.53    | 484.95    | 481.17     | 0.73    | ppb   |
| Lead       | 207-1 | 476.64    | 480.98    | 480.62    | 479.42     | 0.50    | ppb   |
| Lead       | 208-1 | 482.79    | 486.21    | 484.23    | 484.41     | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 85         |         | %     |
| Magnesium  | 24-2  | 231673.91 | 232692.12 | 234594.36 | 232986.80  | 0.64    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:58:20 | DataFile Name :   | 044CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 937.57    | 940.77    | 945.88    | 941.41     | 0.45    | ppb   |
| Molybdenum | 94-1  | 2446.43   | 2488.17   | 2444.36   | 2459.65    | 1.00    | ppb   |
| Molybdenum | 95-1  | 2430.71   | 2475.51   | 2444.71   | 2450.31    | 0.94    | ppb   |
| Molybdenum | 96-1  | 2416.72   | 2459.77   | 2427.03   | 2434.50    | 0.92    | ppb   |
| Molybdenum | 97-1  | 2423.55   | 2441.14   | 2423.77   | 2429.49    | 0.42    | ppb   |
| Molybdenum | 98-1  | 2449.75   | 2444.09   | 2445.98   | 2446.61    | 0.12    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 477.33    | 480.55    | 478.54    | 478.81     | 0.34    | ppb   |
| Phosphorus | 31-2  | 9730.16   | 9781.98   | 9563.45   | 9691.86    | 1.18    | ppb   |
| Potassium  | 39-2  | 117332.51 | 117820.06 | 117636.49 | 117596.36  | 0.21    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 467.92    | 470.60    | 499.53    | 479.35     | 3.66    | ppb   |
| Selenium   | 78-2  | 470.15    | 481.49    | 470.85    | 474.16     | 1.34    | ppb   |
| Selenium   | 82-1  | 470.07    | 473.35    | 468.47    | 470.63     | 0.53    | ppb   |
| Silicon    | 28-1  | 552.55    | 564.39    | 573.95    | 563.63     | 1.90    | ppb   |
| Silver     | 109-1 | 461.00    | 465.63    | 462.70    | 463.11     | 0.51    | ppb   |
| Silver     | 107-1 | 461.13    | 467.63    | 458.61    | 462.46     | 1.01    | ppb   |
| Sodium     | 23-2  | 237403.63 | 238728.87 | 238760.35 | 238297.61  | 0.32    | ppb   |
| Strontium  | 86-1  | 490.86    | 497.97    | 491.99    | 493.61     | 0.77    | ppb   |
| Strontium  | 88-1  | 498.95    | 503.73    | 497.77    | 500.15     | 0.63    | ppb   |
| Sulfur     | 34-1  | 8619.34   | 8930.03   | 8797.34   | 8782.24    | 1.78    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 483.03    | 480.18    | 481.36    | 481.52     | 0.30    | ppb   |
| Thallium   | 205-1 | 485.61    | 488.42    | 487.92    | 487.32     | 0.31    | ppb   |
| Tin        | 118-1 | 467.84    | 475.57    | 475.79    | 473.07     | 0.96    | ppb   |
| Titanium   | 47-1  | 2399.99   | 2400.63   | 2415.28   | 2405.30    | 0.36    | ppb   |
| Uranium    | 238-1 | 498.63    | 497.47    | 498.33    | 498.15     | 0.12    | ppb   |
| Vanadium   | 51-2  | 484.07    | 486.81    | 487.76    | 486.21     | 0.39    | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 913.11    | 916.13    | 922.45    | 917.23     | 0.52    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:58:20 | DataFile Name :   | 044CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 486.78  | 488.12  | 484.21  | 486.37     | 0.41    | ppb   |
| Zirconium | 91-1 | 480.00  | 482.94  | 478.83  | 480.59     | 0.44    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.24    | 0.58    | 0.30    | 0.37       | 47.33   | ppb   |
| Antimony   | 121-1 | 0.29    | 0.37    | 0.52    | 0.39       | 30.77   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.02    | 0.06    | 0.04       | 54.59   | ppb   |
| Barium     | 135-1 | 0.08    | 0.10    | 0.06    | 0.08       | 21.08   | ppb   |
| Barium     | 137-1 | 0.08    | 0.09    | 0.04    | 0.07       | 34.10   | ppb   |
| Beryllium  | 9-1   | 0.15    | 0.10    | 0.10    | 0.12       | 23.67   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 13.32   | 13.58   | 11.52   | 12.81      | 8.74    | ppb   |
| Boron      | 11-1  | 13.65   | 12.55   | 12.75   | 12.98      | 4.49    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.01    | 0.05    | 0.03       | 53.92   | ppb   |
| Cadmium    | 106-1 | 0.27    | 0.15    | 0.74    | 0.39       | 79.76   | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | 0.02    | 0.02       | 121.33  | ppb   |
| Calcium    | 43-1  | 4.02    | 3.70    | 1.48    | 3.06       | 45.13   | ppb   |
| Calcium    | 44-1  | 6.20    | 5.79    | 3.58    | 5.19       | 27.18   | ppb   |
| Chromium   | 52-2  | 0.02    | -0.01   | 0.03    | 0.02       | 123.99  | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.33    | 0.27    | 0.26    | 0.29       | 14.17   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 1.66    | 1.13    | 1.16    | 1.32       | 22.51   | ppb   |
| Iron       | 57-2  | 0.83    | 1.26    | 0.93    | 1.00       | 22.38   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.16    | 0.15    | 0.13    | 0.15       | 11.99   | ppb   |
| Lead       | 207-1 | 0.13    | 0.12    | 0.14    | 0.13       | 6.34    | ppb   |
| Lead       | 208-1 | 0.15    | 0.15    | 0.14    | 0.15       | 4.01    | ppb   |
| Lithium    | 6-1   |         |         |         | 87         |         | %     |
| Magnesium  | 24-2  | 3.05    | 2.46    | 2.49    | 2.67       | 12.50   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 94-1  | 0.26    | 0.25    | 0.23    | 0.24       | 5.20    | ppb   |
| Molybdenum | 95-1  | 0.35    | 0.30    | 0.27    | 0.31       | 12.92   | ppb   |
| Molybdenum | 96-1  | 0.32    | 0.36    | 0.28    | 0.32       | 12.49   | ppb   |
| Molybdenum | 97-1  | 0.33    | 0.32    | 0.25    | 0.30       | 14.78   | ppb   |
| Molybdenum | 98-1  | 0.35    | 0.30    | 0.34    | 0.33       | 7.18    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -16.86  | -39.76  | -39.86  | -32.16     |         | ppb   |
| Potassium  | 39-2  | 29.10   | 26.08   | 24.44   | 26.54      | 8.91    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.37    | 0.12       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.70    | -0.07   | 0.24    | 0.29       | 134.87  | ppb   |
| Selenium   | 82-1  | 0.13    | 0.53    | 0.43    | 0.36       | 56.77   | ppb   |
| Silicon    | 28-1  | -7.23   | -7.21   | -9.51   | -7.98      |         | ppb   |
| Silver     | 109-1 | 0.08    | 0.05    | 0.06    | 0.07       | 17.86   | ppb   |
| Silver     | 107-1 | 0.06    | 0.07    | 0.06    | 0.06       | 9.86    | ppb   |
| Sodium     | 23-2  | 51.03   | 48.44   | 48.27   | 49.24      | 3.15    | ppb   |
| Strontium  | 86-1  | -0.08   | -0.01   | -0.02   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 13.46   | ppb   |
| Sulfur     | 34-1  | -417.15 | -420.34 | -621.71 | -486.40    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.18    | 0.16    | 0.17    | 0.17       | 6.57    | ppb   |
| Thallium   | 205-1 | 0.17    | 0.16    | 0.14    | 0.16       | 8.44    | ppb   |
| Tin        | 118-1 | 0.05    | 0.04    | 0.06    | 0.05       | 14.23   | ppb   |
| Titanium   | 47-1  | 0.11    | 0.05    | 0.12    | 0.09       | 41.09   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 46.39   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.01    | 0.02       | 25.96   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | -0.09   | -0.24   | -0.20   | -0.18      |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.01    | 0.02    | 0.02       | 21.03   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 33.01   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.34      | 2.39      | 2.59      | 3.11       | 34.58   | ppb   |
| Antimony   | 121-1 | 1.69      | 1.99      | 2.14      | 1.94       | 11.74   | ppb   |
| Arsenic    | 75-2  | 6.65      | 6.39      | 6.61      | 6.55       | 2.09    | ppb   |
| Barium     | 135-1 | 163.83    | 166.14    | 166.46    | 165.48     | 0.87    | ppb   |
| Barium     | 137-1 | 163.05    | 164.75    | 164.29    | 164.03     | 0.54    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.07      | 0.07      | 0.06       | 45.08   | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 390.53    | 384.76    | 373.35    | 382.88     | 2.28    | ppb   |
| Boron      | 11-1  | 402.16    | 403.24    | 399.38    | 401.59     | 0.50    | ppb   |
| Cadmium    | 111-1 | 0.11      | 0.04      | 0.07      | 0.07       | 49.38   | ppb   |
| Cadmium    | 106-1 | 0.10      | -1.27     | -1.35     | -0.84      |         | ppb   |
| Cadmium    | 108-1 | 0.19      | 0.13      | 0.18      | 0.17       | 17.23   | ppb   |
| Calcium    | 43-1  | 187792.63 | 187603.29 | 188420.81 | 187938.91  | 0.23    | ppb   |
| Calcium    | 44-1  | 187678.68 | 187662.73 | 187503.80 | 187615.07  | 0.05    | ppb   |
| Chromium   | 52-2  | 1.26      | 1.27      | 1.29      | 1.27       | 1.40    | ppb   |
| Cobalt     | 59-2  | 0.59      | 0.61      | 0.54      | 0.58       | 5.91    | ppb   |
| Copper     | 63-2  | 7.39      | 7.30      | 7.24      | 7.31       | 1.05    | 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 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 4048.97   | 4039.87   | 4036.54   | 4041.79    | 0.16    | ppb   |
| Iron       | 57-2  | 4264.33   | 4231.69   | 4252.49   | 4249.50    | 0.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.69      | 0.61      | 0.69      | 0.66       | 6.59    | ppb   |
| Lead       | 207-1 | 0.66      | 0.65      | 0.65      | 0.65       | 1.31    | ppb   |
| Lead       | 208-1 | 0.69      | 0.66      | 0.67      | 0.67       | 2.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 89         |         | %     |
| Magnesium  | 24-2  | 26747.02  | 26508.61  | 26444.46  | 26566.70   | 0.60    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 435.53   | 434.48   | 434.02   | 434.68     | 0.18    | ppb   |
| Molybdenum | 94-1  | 1.00     | 0.93     | 0.97     | 0.96       | 3.72    | ppb   |
| Molybdenum | 95-1  | 1.06     | 1.04     | 1.05     | 1.05       | 1.02    | ppb   |
| Molybdenum | 96-1  | 1.11     | 1.09     | 1.06     | 1.09       | 2.26    | ppb   |
| Molybdenum | 97-1  | 1.03     | 1.10     | 1.04     | 1.06       | 3.48    | ppb   |
| Molybdenum | 98-1  | 1.09     | 1.07     | 1.04     | 1.07       | 2.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.25     | 3.17     | 3.18     | 3.20       | 1.30    | ppb   |
| Phosphorus | 31-2  | -7.82    | -24.57   | 14.14    | -6.08      |         | ppb   |
| Potassium  | 39-2  | 8631.43  | 8575.32  | 8614.07  | 8606.94    | 0.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 1.19     | 2.01     | 5.17     | 2.79       | 75.36   | ppb   |
| Selenium   | 78-2  | 1.18     | 0.43     | 1.25     | 0.95       | 47.99   | ppb   |
| Selenium   | 82-1  | 2.60     | 1.92     | 2.13     | 2.22       | 15.61   | ppb   |
| Silicon    | 28-1  | 11421.61 | 11443.90 | 11418.76 | 11428.09   | 0.12    | ppb   |
| Silver     | 109-1 | 0.77     | 0.69     | 0.56     | 0.67       | 15.42   | ppb   |
| Silver     | 107-1 | 0.72     | 0.69     | 0.56     | 0.66       | 13.14   | ppb   |
| Sodium     | 23-2  | 66781.82 | 66246.56 | 66087.69 | 66372.03   | 0.55    | ppb   |
| Strontium  | 86-1  | 1008.98  | 1006.53  | 1016.76  | 1010.76    | 0.53    | ppb   |
| Strontium  | 88-1  | 1027.37  | 1026.56  | 1036.64  | 1030.19    | 0.54    | ppb   |
| Sulfur     | 34-1  | 33500.35 | 33458.27 | 33138.12 | 33365.58   | 0.59    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 2.01     | 1.22     | 0.74     | 1.32       | 48.53   | ppb   |
| Thallium   | 205-1 | 1.95     | 1.15     | 0.72     | 1.28       | 48.74   | ppb   |
| Tin        | 118-1 | 1.65     | 1.81     | 1.89     | 1.78       | 6.74    | ppb   |
| Titanium   | 47-1  | 1.12     | 0.93     | 1.02     | 1.02       | 8.99    | ppb   |
| Uranium    | 238-1 | 1.14     | 1.14     | 1.11     | 1.13       | 1.17    | ppb   |
| Vanadium   | 51-2  | 0.69     | 0.80     | 0.79     | 0.76       | 7.88    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 69.63    | 68.90    | 69.94    | 69.49      | 0.77    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.16    | 0.18    | 0.17       | 6.82    | ppb   |
| Zirconium | 91-1 | 0.15    | 0.16    | 0.15    | 0.15       | 5.44    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.45      | 5.42      | 4.18      | 4.68       | 13.85   | ppb   |
| Antimony   | 121-1 | 1.05      | 1.14      | 1.23      | 1.14       | 7.63    | ppb   |
| Arsenic    | 75-2  | 7.01      | 6.62      | 6.50      | 6.71       | 4.00    | ppb   |
| Barium     | 135-1 | 148.65    | 143.73    | 145.36    | 145.91     | 1.72    | ppb   |
| Barium     | 137-1 | 147.10    | 145.06    | 145.06    | 145.74     | 0.81    | ppb   |
| Beryllium  | 9-1   | 0.08      | 0.04      | 0.09      | 0.07       | 37.51   | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 409.71    | 414.88    | 413.08    | 412.56     | 0.64    | ppb   |
| Boron      | 11-1  | 434.86    | 446.34    | 441.14    | 440.78     | 1.30    | ppb   |
| Cadmium    | 111-1 | 0.05      | 0.01      | -0.02     | 0.01       | 331.72  | ppb   |
| Cadmium    | 106-1 | 0.05      | -0.69     | -1.44     | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | 0.07      | 0.07      | 0.07       | 20.23   | ppb   |
| Calcium    | 43-1  | 192419.25 | 190878.54 | 190094.34 | 191130.71  | 0.62    | ppb   |
| Calcium    | 44-1  | 191271.82 | 191918.61 | 189044.29 | 190744.91  | 0.79    | ppb   |
| Chromium   | 52-2  | 4.34      | 4.59      | 4.50      | 4.48       | 2.82    | ppb   |
| Cobalt     | 59-2  | 0.54      | 0.53      | 0.56      | 0.55       | 3.38    | ppb   |
| Copper     | 63-2  | 4.01      | 4.01      | 4.07      | 4.03       | 0.86    | 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 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 3135.13   | 3160.40   | 3165.17   | 3153.57    | 0.51    | ppb   |
| Iron       | 57-2  | 3353.79   | 3373.91   | 3357.10   | 3361.60    | 0.32    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.35      | 0.32      | 0.28      | 0.32       | 11.14   | ppb   |
| Lead       | 207-1 | 0.30      | 0.33      | 0.30      | 0.31       | 5.60    | ppb   |
| Lead       | 208-1 | 0.32      | 0.33      | 0.30      | 0.31       | 4.74    | ppb   |
| Lithium    | 6-1   |           |           |           | 80         |         | %     |
| Magnesium  | 24-2  | 27516.24  | 27666.94  | 27477.66  | 27553.62   | 0.36    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 389.96   | 394.58   | 393.85   | 392.79     | 0.63    | ppb   |
| Molybdenum | 94-1  | 0.72     | 0.72     | 0.75     | 0.73       | 2.52    | ppb   |
| Molybdenum | 95-1  | 0.86     | 0.82     | 0.79     | 0.82       | 4.28    | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.81     | 0.80     | 0.82       | 1.61    | ppb   |
| Molybdenum | 97-1  | 0.91     | 0.77     | 0.79     | 0.83       | 9.14    | ppb   |
| Molybdenum | 98-1  | 0.85     | 0.80     | 0.84     | 0.83       | 3.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.27     | 3.26     | 3.23     | 3.25       | 0.73    | ppb   |
| Phosphorus | 31-2  | -32.39   | -25.61   | -19.42   | -25.81     |         | ppb   |
| Potassium  | 39-2  | 8250.25  | 8304.19  | 8317.36  | 8290.60    | 0.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 4.41     | 3.19     | 8.06     | 5.22       | 48.53   | ppb   |
| Selenium   | 78-2  | 0.03     | 0.53     | 0.04     | 0.20       | 143.14  | ppb   |
| Selenium   | 82-1  | 2.05     | 2.67     | 3.35     | 2.69       | 24.20   | ppb   |
| Silicon    | 28-1  | 11602.09 | 11632.69 | 11440.22 | 11558.33   | 0.89    | ppb   |
| Silver     | 109-1 | 0.41     | 0.39     | 0.39     | 0.40       | 3.32    | ppb   |
| Silver     | 107-1 | 0.45     | 0.38     | 0.36     | 0.40       | 10.91   | ppb   |
| Sodium     | 23-2  | 71048.03 | 71347.08 | 71221.38 | 71205.50   | 0.21    | ppb   |
| Strontium  | 86-1  | 1081.37  | 1074.14  | 1070.51  | 1075.34    | 0.51    | ppb   |
| Strontium  | 88-1  | 1103.49  | 1095.15  | 1093.25  | 1097.30    | 0.50    | ppb   |
| Sulfur     | 34-1  | 39333.12 | 38970.60 | 38028.51 | 38777.41   | 1.74    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.15     | 0.12     | 0.07     | 0.11       | 34.21   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.12     | 0.08     | 0.12       | 30.77   | ppb   |
| Tin        | 118-1 | 1.75     | 1.80     | 1.90     | 1.81       | 4.35    | ppb   |
| Titanium   | 47-1  | 1.16     | 1.13     | 1.11     | 1.13       | 2.48    | ppb   |
| Uranium    | 238-1 | 2.06     | 2.09     | 2.08     | 2.08       | 0.69    | ppb   |
| Vanadium   | 51-2  | 1.24     | 1.36     | 1.29     | 1.30       | 4.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 11.43    | 11.99    | 12.08    | 11.84      | 2.98    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.10    | 0.08       | 22.78   | ppb   |
| Zirconium | 91-1 | 0.08    | 0.07    | 0.09    | 0.08       | 10.92   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 8.30      | 9.27      | 7.18      | 8.25       | 12.68   | ppb   |
| Antimony   | 121-1 | 0.97      | 1.01      | 1.11      | 1.03       | 7.16    | ppb   |
| Arsenic    | 75-2  | 1.83      | 1.68      | 1.74      | 1.75       | 4.32    | ppb   |
| Barium     | 135-1 | 25.75     | 25.35     | 25.84     | 25.65      | 1.00    | ppb   |
| Barium     | 137-1 | 25.37     | 25.61     | 25.22     | 25.40      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.21      | 0.17      | 0.15      | 0.18       | 16.81   | ppb   |
| Bismuth    | 209-1 |           |           |           | 89         |         | %     |
| Bismuth    | 209-2 |           |           |           | 80         |         | %     |
| Boron      | 10-1  | 3868.24   | 3959.71   | 4035.63   | 3954.53    | 2.12    | ppb   |
| Boron      | 11-1  | 4245.72   | 4373.16   | 4382.50   | 4333.79    | 1.76    | ppb   |
| Cadmium    | 111-1 | 0.03      | 0.11      | -0.01     | 0.04       | 131.21  | ppb   |
| Cadmium    | 106-1 | 0.33      | 1.69      | -0.27     | 0.58       | 172.36  | ppb   |
| Cadmium    | 108-1 | 0.20      | 0.22      | 0.44      | 0.29       | 46.57   | ppb   |
| Calcium    | 43-1  | 457587.89 | 458019.51 | 459779.62 | 458462.34  | 0.25    | ppb   |
| Calcium    | 44-1  | 458036.66 | 458920.40 | 460855.31 | 459270.79  | 0.31    | ppb   |
| Chromium   | 52-2  | 4.74      | 4.72      | 4.83      | 4.76       | 1.23    | ppb   |
| Cobalt     | 59-2  | 0.21      | 0.21      | 0.23      | 0.21       | 5.08    | ppb   |
| Copper     | 63-2  | 5.37      | 5.44      | 5.46      | 5.42       | 0.82    | 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 |           |           |           | 92         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 6722.32   | 6682.26   | 6698.09   | 6700.89    | 0.30    | ppb   |
| Iron       | 57-2  | 7281.15   | 7277.23   | 7263.26   | 7273.88    | 0.13    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.36      | 0.37      | 0.37      | 0.37       | 0.67    | ppb   |
| Lead       | 207-1 | 0.32      | 0.33      | 0.33      | 0.33       | 2.30    | ppb   |
| Lead       | 208-1 | 0.36      | 0.35      | 0.35      | 0.35       | 1.93    | ppb   |
| Lithium    | 6-1   |           |           |           | 82         |         | %     |
| Magnesium  | 24-2  | 291256.11 | 291005.72 | 292226.00 | 291495.94  | 0.22    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 861.97    | 855.88    | 862.25    | 860.03     | 0.42    | ppb   |
| Molybdenum | 94-1  | 3.00      | 3.13      | 3.18      | 3.10       | 3.04    | ppb   |
| Molybdenum | 95-1  | 0.31      | 0.36      | 0.27      | 0.31       | 15.11   | ppb   |
| Molybdenum | 96-1  | 0.63      | 0.63      | 0.68      | 0.65       | 4.21    | ppb   |
| Molybdenum | 97-1  | 0.35      | 0.35      | 0.33      | 0.34       | 3.70    | ppb   |
| Molybdenum | 98-1  | 0.33      | 0.32      | 0.28      | 0.31       | 8.72    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.99      | 0.98      | 0.95      | 0.97       | 2.47    | ppb   |
| Phosphorus | 31-2  | 30.14     | 25.96     | 31.61     | 29.24      | 10.03   | ppb   |
| Potassium  | 39-2  | 4140.18   | 4102.16   | 4122.01   | 4121.45    | 0.46    | ppb   |
| Rhodium    | 103-1 |           |           |           | 86         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 83         |         | %     |
| Scandium   | 45-2  |           |           |           | 88         |         | %     |
| Selenium   | 77-2  | 4.63      | 5.90      | 7.59      | 6.04       | 24.59   | ppb   |
| Selenium   | 78-2  | 0.69      | 0.76      | 0.00      | 0.48       | 87.62   | ppb   |
| Selenium   | 82-1  | 2.78      | 2.37      | 3.19      | 2.78       | 14.65   | ppb   |
| Silicon    | 28-1  | 13215.77  | 13176.33  | 13112.18  | 13168.09   | 0.40    | ppb   |
| Silver     | 109-1 | 0.35      | 0.33      | 0.35      | 0.34       | 3.46    | ppb   |
| Silver     | 107-1 | 0.40      | 0.38      | 0.33      | 0.37       | 9.27    | ppb   |
| Sodium     | 23-2  | 755098.38 | 753475.76 | 756923.01 | 755165.72  | 0.23    | ppb   |
| Strontium  | 86-1  | 6648.45   | 6593.51   | 6702.55   | 6648.17    | 0.82    | ppb   |
| Strontium  | 88-1  | 6679.68   | 6632.85   | 6673.81   | 6662.11    | 0.38    | ppb   |
| Sulfur     | 34-1  | 713835.71 | 710073.16 | 710101.09 | 711336.65  | 0.30    | ppb   |
| Terbium    | 159-1 |           |           |           | 96         |         | %     |
| Terbium    | 159-2 |           |           |           | 91         |         | %     |
| Thallium   | 203-1 | 0.06      | 0.04      | 0.04      | 0.05       | 26.50   | ppb   |
| Thallium   | 205-1 | 0.07      | 0.05      | 0.04      | 0.05       | 23.63   | ppb   |
| Tin        | 118-1 | 1.54      | 1.71      | 1.74      | 1.67       | 6.35    | ppb   |
| Titanium   | 47-1  | 1.80      | 1.67      | 1.75      | 1.74       | 3.77    | ppb   |
| Uranium    | 238-1 | 2.26      | 2.18      | 2.22      | 2.22       | 1.80    | ppb   |
| Vanadium   | 51-2  | 2.76      | 2.74      | 2.83      | 2.78       | 1.70    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |
| Zinc       | 66-2  | 4.33      | 4.34      | 4.00      | 4.22       | 4.57    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.88    | 1.89    | 1.88    | 1.89       | 0.20    | ppb   |
| Zirconium | 91-1 | 1.88    | 1.98    | 2.09    | 1.98       | 5.30    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-16            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0441-180411     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:17:54 | DataFile Name :   | 049SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 11.32     | 11.96     | 9.66      | 10.98      | 10.78   | ppb   |
| Antimony   | 121-1 | 1.44      | 1.48      | 1.56      | 1.49       | 4.09    | ppb   |
| Arsenic    | 75-2  | 4.00      | 4.16      | 3.85      | 4.00       | 3.80    | ppb   |
| Barium     | 135-1 | 164.13    | 163.54    | 161.76    | 163.15     | 0.76    | ppb   |
| Barium     | 137-1 | 164.69    | 163.72    | 163.19    | 163.87     | 0.46    | ppb   |
| Beryllium  | 9-1   | 0.08      | 0.03      | 0.07      | 0.06       | 49.07   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 472.96    | 485.29    | 485.35    | 481.20     | 1.48    | ppb   |
| Boron      | 11-1  | 508.55    | 512.21    | 520.41    | 513.72     | 1.18    | ppb   |
| Cadmium    | 111-1 | 0.14      | 0.11      | 0.19      | 0.15       | 30.35   | ppb   |
| Cadmium    | 106-1 | -1.13     | -2.37     | -1.39     | -1.63      |         | ppb   |
| Cadmium    | 108-1 | 0.23      | 0.28      | 0.33      | 0.28       | 17.69   | ppb   |
| Calcium    | 43-1  | 210685.08 | 209578.72 | 211012.29 | 210425.36  | 0.36    | ppb   |
| Calcium    | 44-1  | 208959.07 | 209185.24 | 211081.32 | 209741.88  | 0.56    | ppb   |
| Chromium   | 52-2  | 0.74      | 0.81      | 0.78      | 0.78       | 4.05    | ppb   |
| Cobalt     | 59-2  | 0.54      | 0.58      | 0.53      | 0.55       | 4.73    | ppb   |
| Copper     | 63-2  | 5.83      | 5.70      | 5.81      | 5.78       | 1.18    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 1170.68   | 1173.63   | 1167.15   | 1170.49    | 0.28    | ppb   |
| Iron       | 57-2  | 1520.82   | 1530.46   | 1508.74   | 1520.01    | 0.72    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.49      | 0.50      | 0.52      | 0.50       | 2.50    | ppb   |
| Lead       | 207-1 | 0.51      | 0.46      | 0.45      | 0.47       | 7.75    | ppb   |
| Lead       | 208-1 | 0.50      | 0.47      | 0.48      | 0.48       | 3.85    | ppb   |
| Lithium    | 6-1   |           |           |           | 76         |         | %     |
| Magnesium  | 24-2  | 31163.13  | 31362.57  | 31121.79  | 31215.83   | 0.41    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-16            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0441-180411     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:17:54 | DataFile Name :   | 049SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 141.28   | 140.65   | 139.33   | 140.42     | 0.71    | ppb   |
| Molybdenum | 94-1  | 2.26     | 2.32     | 2.15     | 2.24       | 3.74    | ppb   |
| Molybdenum | 95-1  | 2.92     | 2.88     | 2.85     | 2.88       | 1.18    | ppb   |
| Molybdenum | 96-1  | 2.91     | 2.77     | 2.91     | 2.86       | 2.79    | ppb   |
| Molybdenum | 97-1  | 2.90     | 2.90     | 2.92     | 2.90       | 0.41    | ppb   |
| Molybdenum | 98-1  | 2.92     | 2.98     | 3.01     | 2.97       | 1.50    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.19     | 3.14     | 3.35     | 3.23       | 3.46    | ppb   |
| Phosphorus | 31-2  | 22.16    | 24.54    | 69.48    | 38.73      | 68.84   | ppb   |
| Potassium  | 39-2  | 9860.14  | 9869.68  | 9880.67  | 9870.16    | 0.10    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 85         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 6.07     | 7.21     | 4.41     | 5.90       | 23.92   | ppb   |
| Selenium   | 78-2  | 0.33     | 0.75     | 0.49     | 0.52       | 41.28   | ppb   |
| Selenium   | 82-1  | 2.11     | 2.22     | 2.11     | 2.15       | 2.79    | ppb   |
| Silicon    | 28-1  | 9227.32  | 9180.68  | 9174.83  | 9194.28    | 0.31    | ppb   |
| Silver     | 109-1 | 0.32     | 0.26     | 0.24     | 0.27       | 13.78   | ppb   |
| Silver     | 107-1 | 0.28     | 0.25     | 0.29     | 0.27       | 7.90    | ppb   |
| Sodium     | 23-2  | 66108.30 | 66397.45 | 66102.62 | 66202.79   | 0.25    | ppb   |
| Strontium  | 86-1  | 1091.56  | 1073.76  | 1101.64  | 1088.99    | 1.30    | ppb   |
| Strontium  | 88-1  | 1108.79  | 1101.00  | 1119.70  | 1109.83    | 0.85    | ppb   |
| Sulfur     | 34-1  | 52665.93 | 52186.13 | 51929.53 | 52260.53   | 0.72    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.05     | 0.05       | 15.89   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.04     | 0.04     | 0.04       | 15.65   | ppb   |
| Tin        | 118-1 | 1.33     | 1.33     | 1.40     | 1.35       | 2.96    | ppb   |
| Titanium   | 47-1  | 0.79     | 0.87     | 0.94     | 0.86       | 8.25    | ppb   |
| Uranium    | 238-1 | 6.53     | 6.46     | 6.60     | 6.53       | 1.11    | ppb   |
| Vanadium   | 51-2  | 3.09     | 3.02     | 2.98     | 3.03       | 1.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 53.40    | 54.14    | 53.19    | 53.58      | 0.93    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-16            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0441-180411     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:17:54 | DataFile Name :   | 049SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.10    | 0.10    | 0.10    | 0.10       | 4.69    | ppb   |
| Zirconium | 91-1 | 0.11    | 0.13    | 0.11    | 0.12       | 9.44    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW026-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:21:27 | DataFile Name :   | 050SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 13.77     | 13.15     | 12.34     | 13.09      | 5.51    | ppb   |
| Antimony   | 121-1 | 0.78      | 0.86      | 0.86      | 0.83       | 5.68    | ppb   |
| Arsenic    | 75-2  | 3.99      | 3.74      | 3.79      | 3.84       | 3.51    | ppb   |
| Barium     | 135-1 | 81.19     | 79.81     | 81.52     | 80.84      | 1.12    | ppb   |
| Barium     | 137-1 | 81.25     | 80.46     | 80.24     | 80.65      | 0.65    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.04      | 0.05      | 0.04       | 22.45   | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 341.97    | 342.15    | 346.10    | 343.41     | 0.68    | ppb   |
| Boron      | 11-1  | 359.86    | 371.74    | 370.71    | 367.44     | 1.79    | ppb   |
| Cadmium    | 111-1 | 0.26      | 0.24      | 0.38      | 0.30       | 26.21   | ppb   |
| Cadmium    | 106-1 | -0.47     | -1.75     | 0.19      | -0.68      |         | ppb   |
| Cadmium    | 108-1 | 0.27      | 0.30      | 0.30      | 0.29       | 4.79    | ppb   |
| Calcium    | 43-1  | 166474.87 | 168611.35 | 168784.01 | 167956.75  | 0.77    | ppb   |
| Calcium    | 44-1  | 167950.80 | 169614.71 | 168906.69 | 168824.07  | 0.49    | ppb   |
| Chromium   | 52-2  | 3.21      | 3.24      | 3.32      | 3.26       | 1.76    | ppb   |
| Cobalt     | 59-2  | 2.04      | 2.05      | 2.09      | 2.06       | 1.23    | ppb   |
| Copper     | 63-2  | 4.31      | 4.36      | 4.10      | 4.26       | 3.18    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 6257.59   | 6216.79   | 6224.68   | 6233.02    | 0.35    | ppb   |
| Iron       | 57-2  | 6320.91   | 6309.44   | 6328.58   | 6319.64    | 0.15    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.20      | 0.23      | 0.19      | 0.21       | 9.35    | ppb   |
| Lead       | 207-1 | 0.22      | 0.18      | 0.18      | 0.19       | 10.66   | ppb   |
| Lead       | 208-1 | 0.20      | 0.21      | 0.18      | 0.20       | 7.64    | ppb   |
| Lithium    | 6-1   |           |           |           | 75         |         | %     |
| Magnesium  | 24-2  | 22368.78  | 22212.54  | 22389.15  | 22323.49   | 0.43    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW026-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:21:27 | DataFile Name :   | 050SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 738.06   | 739.60   | 743.14   | 740.27     | 0.35    | ppb   |
| Molybdenum | 94-1  | 3.35     | 3.17     | 3.23     | 3.25       | 2.85    | ppb   |
| Molybdenum | 95-1  | 4.52     | 4.57     | 4.42     | 4.50       | 1.68    | ppb   |
| Molybdenum | 96-1  | 4.37     | 4.47     | 4.35     | 4.40       | 1.41    | ppb   |
| Molybdenum | 97-1  | 4.71     | 4.63     | 4.53     | 4.62       | 1.99    | ppb   |
| Molybdenum | 98-1  | 4.57     | 4.51     | 4.57     | 4.55       | 0.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 43.11    | 42.95    | 43.75    | 43.27      | 0.98    | ppb   |
| Phosphorus | 31-2  | -25.65   | -11.28   | -35.49   | -24.14     |         | ppb   |
| Potassium  | 39-2  | 4172.27  | 4118.33  | 4163.51  | 4151.37    | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 6.89     | 4.05     | 6.07     | 5.67       | 25.76   | ppb   |
| Selenium   | 78-2  | -0.21    | 0.40     | 0.19     | 0.13       | 240.58  | ppb   |
| Selenium   | 82-1  | 1.48     | 1.60     | 1.05     | 1.38       | 20.81   | ppb   |
| Silicon    | 28-1  | 7441.79  | 7444.06  | 7518.15  | 7468.00    | 0.58    | ppb   |
| Silver     | 109-1 | 0.21     | 0.23     | 0.21     | 0.22       | 4.45    | ppb   |
| Silver     | 107-1 | 0.24     | 0.21     | 0.24     | 0.23       | 6.40    | ppb   |
| Sodium     | 23-2  | 55212.79 | 54570.90 | 54937.99 | 54907.23   | 0.59    | ppb   |
| Strontium  | 86-1  | 786.13   | 787.66   | 783.09   | 785.63     | 0.30    | ppb   |
| Strontium  | 88-1  | 801.86   | 804.85   | 807.55   | 804.75     | 0.35    | ppb   |
| Sulfur     | 34-1  | 71603.12 | 71354.41 | 71534.04 | 71497.19   | 0.18    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 28.83   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.02     | 0.03       | 34.00   | ppb   |
| Tin        | 118-1 | 1.41     | 1.43     | 1.44     | 1.42       | 1.05    | ppb   |
| Titanium   | 47-1  | 0.82     | 0.78     | 0.78     | 0.79       | 2.93    | ppb   |
| Uranium    | 238-1 | 3.37     | 3.33     | 3.31     | 3.34       | 0.88    | ppb   |
| Vanadium   | 51-2  | 1.35     | 1.40     | 1.38     | 1.38       | 1.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 90         |         | %     |
| Zinc       | 66-2  | 10.98    | 11.15    | 11.36    | 11.17      | 1.71    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW026-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:21:27 | DataFile Name :   | 050SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.07    | 0.07    | 0.07       | 5.09    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.06    | 0.10    | 0.08       | 26.63   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-19            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW147-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:25:01 | DataFile Name :   | 051SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.26      | 2.55      | 2.45      | 2.42       | 6.03    | ppb   |
| Antimony   | 121-1 | 0.86      | 0.87      | 0.93      | 0.89       | 4.33    | ppb   |
| Arsenic    | 75-2  | 8.59      | 8.85      | 8.33      | 8.59       | 3.05    | ppb   |
| Barium     | 135-1 | 150.98    | 148.14    | 147.76    | 148.96     | 1.18    | ppb   |
| Barium     | 137-1 | 148.41    | 147.88    | 146.57    | 147.62     | 0.64    | ppb   |
| Beryllium  | 9-1   | 0.05      | 0.04      | 0.07      | 0.06       | 28.60   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 311.57    | 316.61    | 321.24    | 316.47     | 1.53    | ppb   |
| Boron      | 11-1  | 330.98    | 338.68    | 344.99    | 338.22     | 2.07    | ppb   |
| Cadmium    | 111-1 | -0.11     | -0.06     | -0.04     | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -2.99     | -2.10     | -2.11     | -2.40      |         | ppb   |
| Cadmium    | 108-1 | 0.02      | 0.02      | 0.14      | 0.06       | 111.85  | ppb   |
| Calcium    | 43-1  | 148080.68 | 148249.31 | 147791.92 | 148040.64  | 0.16    | ppb   |
| Calcium    | 44-1  | 148846.20 | 149299.35 | 149793.79 | 149313.11  | 0.32    | ppb   |
| Chromium   | 52-2  | 1.56      | 1.59      | 1.48      | 1.54       | 3.82    | ppb   |
| Cobalt     | 59-2  | 0.25      | 0.27      | 0.27      | 0.26       | 4.03    | ppb   |
| Copper     | 63-2  | 3.50      | 3.36      | 3.46      | 3.44       | 2.10    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 4228.11   | 4205.82   | 4179.99   | 4204.64    | 0.57    | ppb   |
| Iron       | 57-2  | 4350.39   | 4307.14   | 4309.56   | 4322.36    | 0.56    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.17      | 0.16      | 0.17      | 0.17       | 2.18    | ppb   |
| Lead       | 207-1 | 0.18      | 0.17      | 0.17      | 0.17       | 3.27    | ppb   |
| Lead       | 208-1 | 0.16      | 0.17      | 0.17      | 0.17       | 3.02    | ppb   |
| Lithium    | 6-1   |           |           |           | 70         |         | %     |
| Magnesium  | 24-2  | 20268.14  | 20186.09  | 20116.48  | 20190.23   | 0.38    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-19 Instrumnet Name : P7  
 Client Sample ID : LF012MW147-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:25:01 DataFile Name : 051SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 998.37   | 999.76   | 994.59   | 997.57     | 0.27    | ppb   |
| Molybdenum | 94-1  | 0.71     | 0.67     | 0.59     | 0.66       | 9.29    | ppb   |
| Molybdenum | 95-1  | 0.70     | 0.83     | 0.74     | 0.76       | 8.74    | ppb   |
| Molybdenum | 96-1  | 0.82     | 0.76     | 0.72     | 0.77       | 6.52    | ppb   |
| Molybdenum | 97-1  | 0.73     | 0.83     | 0.72     | 0.76       | 7.83    | ppb   |
| Molybdenum | 98-1  | 0.76     | 0.76     | 0.77     | 0.76       | 0.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.30     | 1.43     | 1.22     | 1.32       | 8.03    | ppb   |
| Phosphorus | 31-2  | 15.32    | 16.38    | 23.21    | 18.30      | 23.38   | ppb   |
| Potassium  | 39-2  | 5442.17  | 5433.40  | 5404.73  | 5426.77    | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 82         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 6.47     | 4.91     | 3.61     | 4.99       | 28.66   | ppb   |
| Selenium   | 78-2  | 0.05     | -0.72    | 0.62     | -0.01      |         | ppb   |
| Selenium   | 82-1  | 1.13     | 0.77     | 0.94     | 0.95       | 19.00   | ppb   |
| Silicon    | 28-1  | 8945.01  | 9006.97  | 8887.89  | 8946.62    | 0.67    | ppb   |
| Silver     | 109-1 | 0.20     | 0.20     | 0.19     | 0.20       | 2.35    | ppb   |
| Silver     | 107-1 | 0.22     | 0.21     | 0.21     | 0.21       | 2.15    | ppb   |
| Sodium     | 23-2  | 47717.07 | 47926.36 | 47634.60 | 47759.34   | 0.31    | ppb   |
| Strontium  | 86-1  | 769.60   | 773.95   | 763.01   | 768.85     | 0.72    | ppb   |
| Strontium  | 88-1  | 786.54   | 784.03   | 781.87   | 784.15     | 0.30    | ppb   |
| Sulfur     | 34-1  | 35236.05 | 35420.87 | 34869.70 | 35175.54   | 0.80    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.00     | 0.01       | 91.14   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.01       | 60.11   | ppb   |
| Tin        | 118-1 | 1.31     | 1.41     | 1.33     | 1.35       | 4.06    | ppb   |
| Titanium   | 47-1  | 0.89     | 0.75     | 1.00     | 0.88       | 14.24   | ppb   |
| Uranium    | 238-1 | 0.35     | 0.34     | 0.35     | 0.35       | 1.61    | ppb   |
| Vanadium   | 51-2  | 1.19     | 1.10     | 1.15     | 1.15       | 4.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 90         |         | %     |
| Zinc       | 66-2  | 1.99     | 2.04     | 1.92     | 1.99       | 2.90    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-19            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW147-180410   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:25:01 | DataFile Name :   | 051SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.06    | 0.07       | 5.74    | ppb   |
| Zirconium | 91-1 | 0.07    | 0.05    | 0.05    | 0.06       | 26.03   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-20 Instrumnet Name : P7  
 Client Sample ID : LF012MW201-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:28:35 DataFile Name : 052SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 7.57      | 10.58     | 6.77      | 8.31       | 24.17   | ppb   |
| Antimony   | 121-1 | 0.94      | 0.91      | 0.92      | 0.92       | 1.72    | ppb   |
| Arsenic    | 75-2  | 0.87      | 0.94      | 0.80      | 0.87       | 7.93    | ppb   |
| Barium     | 135-1 | 26.16     | 26.36     | 26.37     | 26.30      | 0.46    | ppb   |
| Barium     | 137-1 | 26.59     | 26.45     | 26.13     | 26.39      | 0.89    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.03      | 0.00      | 0.02       | 95.52   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 3423.91   | 3433.81   | 3527.63   | 3461.78    | 1.65    | ppb   |
| Boron      | 11-1  | 3704.31   | 3738.86   | 3759.17   | 3734.11    | 0.74    | ppb   |
| Cadmium    | 111-1 | 0.00      | -0.07     | 0.00      | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.51     | -2.35     | -1.36     | -1.74      |         | ppb   |
| Cadmium    | 108-1 | 0.00      | 0.10      | 0.00      | 0.03       | 184.30  | ppb   |
| Calcium    | 43-1  | 286998.88 | 290246.63 | 286351.91 | 287865.81  | 0.73    | ppb   |
| Calcium    | 44-1  | 287996.25 | 291732.40 | 290043.74 | 289924.13  | 0.65    | ppb   |
| Chromium   | 52-2  | 0.97      | 0.98      | 0.99      | 0.98       | 1.10    | ppb   |
| Cobalt     | 59-2  | 0.50      | 0.49      | 0.52      | 0.50       | 2.86    | ppb   |
| Copper     | 63-2  | 4.40      | 4.50      | 4.52      | 4.48       | 1.47    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 94.11     | 92.74     | 94.53     | 93.79      | 1.00    | ppb   |
| Iron       | 57-2  | 545.36    | 547.51    | 568.14    | 553.67     | 2.27    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.17      | 0.15      | 0.17      | 0.17       | 6.10    | ppb   |
| Lead       | 207-1 | 0.15      | 0.18      | 0.17      | 0.17       | 10.97   | ppb   |
| Lead       | 208-1 | 0.16      | 0.17      | 0.18      | 0.17       | 4.89    | ppb   |
| Lithium    | 6-1   |           |           |           | 72         |         | %     |
| Magnesium  | 24-2  | 217796.44 | 217574.97 | 221033.47 | 218801.63  | 0.88    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-20            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW201-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:28:35 | DataFile Name :   | 052SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 73.29     | 73.25     | 74.58     | 73.71      | 1.03    | ppb   |
| Molybdenum | 94-1  | 0.84      | 0.85      | 0.86      | 0.85       | 1.19    | ppb   |
| Molybdenum | 95-1  | 1.01      | 0.97      | 0.92      | 0.97       | 4.41    | ppb   |
| Molybdenum | 96-1  | 0.93      | 1.04      | 0.98      | 0.98       | 5.51    | ppb   |
| Molybdenum | 97-1  | 1.11      | 1.06      | 0.97      | 1.05       | 6.90    | ppb   |
| Molybdenum | 98-1  | 0.99      | 1.02      | 0.97      | 0.99       | 2.11    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.94      | 1.91      | 2.03      | 1.96       | 3.24    | ppb   |
| Phosphorus | 31-2  | -23.66    | -20.91    | -9.69     | -18.09     |         | ppb   |
| Potassium  | 39-2  | 11994.46  | 11997.90  | 12127.09  | 12039.82   | 0.63    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 82         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 8.88      | 10.20     | 7.43      | 8.83       | 15.70   | ppb   |
| Selenium   | 78-2  | 0.58      | 1.84      | 1.63      | 1.35       | 49.90   | ppb   |
| Selenium   | 82-1  | 2.45      | 2.77      | 2.38      | 2.53       | 8.35    | ppb   |
| Silicon    | 28-1  | 10659.63  | 10765.53  | 10705.49  | 10710.22   | 0.50    | ppb   |
| Silver     | 109-1 | 0.18      | 0.17      | 0.19      | 0.18       | 4.79    | ppb   |
| Silver     | 107-1 | 0.19      | 0.21      | 0.21      | 0.20       | 7.84    | ppb   |
| Sodium     | 23-2  | 282942.36 | 282631.36 | 284249.25 | 283274.32  | 0.30    | ppb   |
| Strontium  | 86-1  | 5142.12   | 5302.61   | 5228.55   | 5224.42    | 1.54    | ppb   |
| Strontium  | 88-1  | 5230.24   | 5293.21   | 5252.22   | 5258.56    | 0.61    | ppb   |
| Sulfur     | 34-1  | 381775.70 | 388349.63 | 385159.49 | 385094.94  | 0.85    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 0.02      | 0.02      | 0.01      | 0.02       | 30.09   | ppb   |
| Thallium   | 205-1 | 0.02      | 0.02      | 0.01      | 0.02       | 14.34   | ppb   |
| Tin        | 118-1 | 1.32      | 1.36      | 1.37      | 1.35       | 1.83    | ppb   |
| Titanium   | 47-1  | 1.10      | 1.40      | 1.20      | 1.23       | 12.12   | ppb   |
| Uranium    | 238-1 | 31.99     | 31.98     | 32.32     | 32.10      | 0.60    | ppb   |
| Vanadium   | 51-2  | 2.61      | 2.58      | 2.69      | 2.63       | 2.14    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 7.09      | 7.65      | 7.33      | 7.36       | 3.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-20            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW201-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:28:35 | DataFile Name :   | 052SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.12    | 0.11    | 0.13    | 0.12       | 6.24    | ppb   |
| Zirconium | 91-1 | 0.14    | 0.12    | 0.13    | 0.13       | 5.05    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 24.17     | 27.10     | 22.96     | 24.74      | 8.59    | ppb   |
| Antimony   | 121-1 | 1.02      | 1.03      | 1.12      | 1.06       | 5.40    | ppb   |
| Arsenic    | 75-2  | 4.55      | 4.74      | 4.61      | 4.64       | 2.06    | ppb   |
| Barium     | 135-1 | 201.38    | 203.26    | 203.32    | 202.65     | 0.54    | ppb   |
| Barium     | 137-1 | 203.65    | 202.57    | 206.12    | 204.11     | 0.89    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.06      | 0.06      | 0.06       | 17.45   | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 330.68    | 323.13    | 342.70    | 332.17     | 2.97    | ppb   |
| Boron      | 11-1  | 346.79    | 351.24    | 353.68    | 350.57     | 1.00    | ppb   |
| Cadmium    | 111-1 | -0.08     | -0.04     | -0.06     | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.87     | -1.14     | -1.34     | -1.45      |         | ppb   |
| Cadmium    | 108-1 | 0.00      | 0.00      | 0.02      | 0.01       | 278.40  | ppb   |
| Calcium    | 43-1  | 123499.44 | 125075.67 | 126355.43 | 124976.85  | 1.14    | ppb   |
| Calcium    | 44-1  | 125024.18 | 126485.07 | 127177.13 | 126228.79  | 0.87    | ppb   |
| Chromium   | 52-2  | 0.94      | 0.92      | 0.94      | 0.93       | 1.31    | ppb   |
| Cobalt     | 59-2  | 0.31      | 0.30      | 0.33      | 0.31       | 4.15    | ppb   |
| Copper     | 63-2  | 4.18      | 4.12      | 4.02      | 4.11       | 2.03    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 4193.57   | 4229.71   | 4208.16   | 4210.48    | 0.43    | ppb   |
| Iron       | 57-2  | 4277.42   | 4258.66   | 4338.44   | 4291.51    | 0.97    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.25      | 0.22      | 0.22      | 0.23       | 6.40    | ppb   |
| Lead       | 207-1 | 0.20      | 0.21      | 0.22      | 0.21       | 4.78    | ppb   |
| Lead       | 208-1 | 0.22      | 0.22      | 0.24      | 0.23       | 4.36    | ppb   |
| Lithium    | 6-1   |           |           |           | 63         |         | %     |
| Magnesium  | 24-2  | 15903.29  | 15954.49  | 15874.92  | 15910.90   | 0.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 288.34   | 291.59   | 290.02   | 289.98     | 0.56    | ppb   |
| Molybdenum | 94-1  | 1.21     | 1.32     | 1.28     | 1.27       | 4.60    | ppb   |
| Molybdenum | 95-1  | 1.54     | 1.74     | 1.57     | 1.62       | 6.79    | ppb   |
| Molybdenum | 96-1  | 1.50     | 1.57     | 1.51     | 1.53       | 2.41    | ppb   |
| Molybdenum | 97-1  | 1.70     | 1.70     | 1.66     | 1.69       | 1.52    | ppb   |
| Molybdenum | 98-1  | 1.51     | 1.58     | 1.53     | 1.54       | 2.24    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.18     | 2.14     | 2.25     | 2.19       | 2.54    | ppb   |
| Phosphorus | 31-2  | -10.16   | 1.42     | 12.47    | 1.24       | 909.59  | ppb   |
| Potassium  | 39-2  | 6631.73  | 6664.59  | 6594.99  | 6630.44    | 0.53    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 82         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 6.37     | 4.74     | 6.35     | 5.82       | 16.09   | ppb   |
| Selenium   | 78-2  | 0.00     | 0.89     | 0.32     | 0.40       | 110.97  | ppb   |
| Selenium   | 82-1  | 1.30     | 2.31     | 1.05     | 1.55       | 42.73   | ppb   |
| Silicon    | 28-1  | 7101.99  | 7084.54  | 7169.87  | 7118.80    | 0.63    | ppb   |
| Silver     | 109-1 | 0.22     | 0.23     | 0.19     | 0.21       | 10.63   | ppb   |
| Silver     | 107-1 | 0.22     | 0.20     | 0.18     | 0.20       | 10.87   | ppb   |
| Sodium     | 23-2  | 32714.94 | 32694.82 | 32664.87 | 32691.54   | 0.08    | ppb   |
| Strontium  | 86-1  | 630.80   | 634.67   | 636.05   | 633.84     | 0.43    | ppb   |
| Strontium  | 88-1  | 641.54   | 645.24   | 653.37   | 646.72     | 0.94    | ppb   |
| Sulfur     | 34-1  | 19792.28 | 19778.42 | 19602.57 | 19724.42   | 0.54    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 35.78   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 63.60   | ppb   |
| Tin        | 118-1 | 1.25     | 1.35     | 1.39     | 1.33       | 5.51    | ppb   |
| Titanium   | 47-1  | 1.11     | 1.06     | 1.04     | 1.07       | 3.30    | ppb   |
| Uranium    | 238-1 | 1.40     | 1.38     | 1.36     | 1.38       | 1.56    | ppb   |
| Vanadium   | 51-2  | 1.89     | 1.84     | 1.73     | 1.82       | 4.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 26.79    | 26.55    | 26.92    | 26.76      | 0.70    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.96    | ppb   |
| Zirconium | 91-1 | 0.08    | 0.08    | 0.12    | 0.09       | 19.87   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93.60     | 96.01     | 91.31     | 93.64      | 2.51    | ppb   |
| Antimony   | 121-1 | 1.22      | 1.24      | 1.25      | 1.24       | 1.51    | ppb   |
| Arsenic    | 75-2  | 4.98      | 5.05      | 5.21      | 5.08       | 2.33    | ppb   |
| Barium     | 135-1 | 123.71    | 123.12    | 125.09    | 123.97     | 0.82    | ppb   |
| Barium     | 137-1 | 124.11    | 121.75    | 123.37    | 123.07     | 0.98    | ppb   |
| Beryllium  | 9-1   | 0.08      | 0.05      | 0.07      | 0.07       | 17.31   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 183.92    | 188.99    | 187.22    | 186.71     | 1.38    | ppb   |
| Boron      | 11-1  | 198.17    | 199.21    | 197.70    | 198.36     | 0.39    | ppb   |
| Cadmium    | 111-1 | -0.03     | -0.02     | -0.05     | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.44     | -1.65     | -1.82     | -1.64      |         | ppb   |
| Cadmium    | 108-1 | 0.00      | 0.02      | 0.05      | 0.02       | 112.85  | ppb   |
| Calcium    | 43-1  | 122218.39 | 123937.22 | 123863.11 | 123339.57  | 0.79    | ppb   |
| Calcium    | 44-1  | 123644.60 | 125466.03 | 125067.50 | 124726.05  | 0.77    | ppb   |
| Chromium   | 52-2  | 1.71      | 1.85      | 1.70      | 1.75       | 4.63    | ppb   |
| Cobalt     | 59-2  | 0.70      | 0.71      | 0.74      | 0.72       | 3.23    | ppb   |
| Copper     | 63-2  | 5.48      | 5.53      | 5.38      | 5.46       | 1.46    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 993.14    | 996.91    | 987.69    | 992.58     | 0.47    | ppb   |
| Iron       | 57-2  | 1204.22   | 1186.87   | 1201.53   | 1197.54    | 0.78    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.44      | 0.40      | 0.39      | 0.41       | 6.64    | ppb   |
| Lead       | 207-1 | 0.35      | 0.36      | 0.38      | 0.36       | 4.16    | ppb   |
| Lead       | 208-1 | 0.41      | 0.39      | 0.39      | 0.40       | 2.27    | ppb   |
| Lithium    | 6-1   |           |           |           | 64         |         | %     |
| Magnesium  | 24-2  | 10236.46  | 10296.86  | 10179.44  | 10237.59   | 0.57    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 256.30   | 257.02   | 255.76   | 256.36     | 0.25    | ppb   |
| Molybdenum | 94-1  | 1.04     | 1.12     | 1.03     | 1.06       | 5.08    | ppb   |
| Molybdenum | 95-1  | 1.27     | 1.24     | 1.18     | 1.23       | 3.65    | ppb   |
| Molybdenum | 96-1  | 1.19     | 1.28     | 1.24     | 1.24       | 3.56    | ppb   |
| Molybdenum | 97-1  | 1.22     | 1.22     | 1.27     | 1.24       | 2.32    | ppb   |
| Molybdenum | 98-1  | 1.19     | 1.26     | 1.23     | 1.23       | 3.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.33     | 2.48     | 2.48     | 2.43       | 3.52    | ppb   |
| Phosphorus | 31-2  | 33.29    | 59.55    | 33.54    | 42.13      | 35.82   | ppb   |
| Potassium  | 39-2  | 8486.49  | 8490.39  | 8440.29  | 8472.39    | 0.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 82         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 5.23     | 7.71     | 4.85     | 5.93       | 26.17   | ppb   |
| Selenium   | 78-2  | 0.83     | 1.68     | 0.12     | 0.88       | 88.78   | ppb   |
| Selenium   | 82-1  | 2.42     | 2.55     | 2.94     | 2.63       | 10.28   | ppb   |
| Silicon    | 28-1  | 5107.85  | 5066.81  | 5076.60  | 5083.75    | 0.42    | ppb   |
| Silver     | 109-1 | 0.19     | 0.23     | 0.19     | 0.20       | 11.18   | ppb   |
| Silver     | 107-1 | 0.20     | 0.19     | 0.18     | 0.19       | 4.99    | ppb   |
| Sodium     | 23-2  | 49625.01 | 49895.19 | 49019.05 | 49513.08   | 0.91    | ppb   |
| Strontium  | 86-1  | 379.69   | 380.61   | 379.52   | 379.94     | 0.15    | ppb   |
| Strontium  | 88-1  | 390.98   | 391.77   | 391.44   | 391.40     | 0.10    | ppb   |
| Sulfur     | 34-1  | 19880.76 | 20128.52 | 19561.01 | 19856.77   | 1.43    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 49.38   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 17.76   | ppb   |
| Tin        | 118-1 | 1.35     | 1.36     | 1.44     | 1.38       | 3.67    | ppb   |
| Titanium   | 47-1  | 2.21     | 2.28     | 1.87     | 2.12       | 10.42   | ppb   |
| Uranium    | 238-1 | 0.91     | 0.88     | 0.93     | 0.91       | 2.70    | ppb   |
| Vanadium   | 51-2  | 2.16     | 2.14     | 2.20     | 2.16       | 1.32    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 90         |         | %     |
| Zinc       | 66-2  | 10.53    | 9.24     | 9.50     | 9.76       | 6.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.19    | 0.16    | 0.16       | 16.53   | ppb   |
| Zirconium | 91-1 | 0.14    | 0.14    | 0.14    | 0.14       | 2.12    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01 Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:39:18 DataFile Name : 055SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 16.02     | 15.67     | 15.53     | 15.74      | 1.61    | ppb   |
| Antimony   | 121-1 | 0.96      | 0.91      | 0.99      | 0.95       | 4.14    | ppb   |
| Arsenic    | 75-2  | 20.87     | 20.85     | 20.67     | 20.80      | 0.53    | ppb   |
| Barium     | 135-1 | 249.73    | 242.91    | 241.76    | 244.80     | 1.76    | ppb   |
| Barium     | 137-1 | 251.27    | 243.97    | 241.82    | 245.69     | 2.02    | ppb   |
| Beryllium  | 9-1   | 0.08      | 0.06      | 0.05      | 0.06       | 23.35   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 342.64    | 347.03    | 351.97    | 347.21     | 1.34    | ppb   |
| Boron      | 11-1  | 360.86    | 368.92    | 370.64    | 366.81     | 1.42    | ppb   |
| Cadmium    | 111-1 | -0.01     | -0.05     | -0.05     | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.07     | -1.52     | -1.39     | -1.33      |         | ppb   |
| Cadmium    | 108-1 | -0.05     | 0.05      | 0.12      | 0.04       | 223.73  | ppb   |
| Calcium    | 43-1  | 169713.50 | 164084.78 | 164766.26 | 166188.18  | 1.85    | ppb   |
| Calcium    | 44-1  | 169322.24 | 165717.45 | 165622.71 | 166887.47  | 1.26    | ppb   |
| Chromium   | 52-2  | 2.18      | 2.11      | 2.12      | 2.14       | 1.75    | ppb   |
| Cobalt     | 59-2  | 0.73      | 0.76      | 0.78      | 0.75       | 3.08    | ppb   |
| Copper     | 63-2  | 3.79      | 3.73      | 3.73      | 3.75       | 1.05    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 12830.33  | 12808.44  | 12764.32  | 12801.03   | 0.26    | ppb   |
| Iron       | 57-2  | 12789.31  | 12776.00  | 12826.58  | 12797.30   | 0.20    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.36      | 0.35      | 0.34      | 0.35       | 3.04    | ppb   |
| Lead       | 207-1 | 0.30      | 0.33      | 0.34      | 0.32       | 6.78    | ppb   |
| Lead       | 208-1 | 0.34      | 0.33      | 0.33      | 0.33       | 1.02    | ppb   |
| Lithium    | 6-1   |           |           |           | 66         |         | %     |
| Magnesium  | 24-2  | 19592.31  | 19492.36  | 19373.99  | 19486.22   | 0.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:39:18 | DataFile Name :   | 055SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Manganese  | 55-2  | 1289.26  | 1285.87  | 1293.64  | 1289.59    | 0.30     | ppb   |
| Molybdenum | 94-1  | 0.97     | 0.86     | 0.97     | 0.93       | 6.99     | ppb   |
| Molybdenum | 95-1  | 1.32     | 1.15     | 1.27     | 1.25       | 7.13     | ppb   |
| Molybdenum | 96-1  | 1.17     | 1.31     | 1.15     | 1.21       | 7.19     | ppb   |
| Molybdenum | 97-1  | 1.34     | 1.23     | 1.19     | 1.25       | 6.14     | ppb   |
| Molybdenum | 98-1  | 1.25     | 1.23     | 1.15     | 1.21       | 4.42     | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 1.49     | 1.53     | 1.45     | 1.49       | 2.73     | ppb   |
| Phosphorus | 31-2  | -23.07   | -5.58    | -10.88   | -13.18     |          | ppb   |
| Potassium  | 39-2  | 6883.78  | 6820.90  | 6840.94  | 6848.54    | 0.47     | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |          | %     |
| Rhodium    | 103-2 |          |          |          | 94         |          | %     |
| Scandium   | 45-1  |          |          |          | 80         |          | %     |
| Scandium   | 45-2  |          |          |          | 88         |          | %     |
| Selenium   | 77-2  | 8.71     | 5.39     | 4.96     | 6.35       | 32.25    | ppb   |
| Selenium   | 78-2  | -0.06    | 0.90     | -0.82    | 0.00       | 20987.17 | ppb   |
| Selenium   | 82-1  | 1.08     | 0.91     | 1.60     | 1.20       | 30.12    | ppb   |
| Silicon    | 28-1  | 9737.21  | 9459.88  | 9418.47  | 9538.52    | 1.82     | ppb   |
| Silver     | 109-1 | 0.17     | 0.18     | 0.17     | 0.18       | 2.01     | ppb   |
| Silver     | 107-1 | 0.22     | 0.21     | 0.20     | 0.21       | 3.95     | ppb   |
| Sodium     | 23-2  | 46248.98 | 46033.11 | 45784.40 | 46022.16   | 0.51     | ppb   |
| Strontium  | 86-1  | 776.01   | 766.55   | 766.49   | 769.69     | 0.71     | ppb   |
| Strontium  | 88-1  | 792.30   | 783.33   | 776.72   | 784.12     | 1.00     | ppb   |
| Sulfur     | 34-1  | 34879.38 | 33045.54 | 32984.69 | 33636.54   | 3.20     | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |          | %     |
| Terbium    | 159-2 |          |          |          | 97         |          | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.01       | 78.34    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 94.35    | ppb   |
| Tin        | 118-1 | 1.49     | 1.39     | 1.45     | 1.44       | 3.54     | ppb   |
| Titanium   | 47-1  | 1.09     | 1.09     | 1.03     | 1.07       | 3.44     | ppb   |
| Uranium    | 238-1 | 0.18     | 0.19     | 0.19     | 0.19       | 2.66     | ppb   |
| Vanadium   | 51-2  | 1.05     | 1.07     | 0.96     | 1.02       | 5.74     | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |          | %     |
| Yttrium    | 89-2  |          |          |          | 88         |          | %     |
| Zinc       | 66-2  | 4.94     | 5.10     | 5.00     | 5.01       | 1.59     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:39:18 | DataFile Name :   | 055SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.18    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.07    | 0.10    | 0.07       | 34.44   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:44:05 | DataFile Name :   | 056CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47583.45  | 47688.47  | 48371.07  | 47881.00   | 0.89    | ppb   |
| Antimony   | 121-1 | 469.21    | 473.89    | 469.40    | 470.84     | 0.56    | ppb   |
| Arsenic    | 75-2  | 497.61    | 500.83    | 499.36    | 499.27     | 0.32    | ppb   |
| Barium     | 135-1 | 2368.33   | 2391.58   | 2382.83   | 2380.91    | 0.49    | ppb   |
| Barium     | 137-1 | 2394.55   | 2404.65   | 2375.44   | 2391.54    | 0.62    | ppb   |
| Beryllium  | 9-1   | 537.13    | 530.69    | 529.38    | 532.40     | 0.78    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 569.06    | 550.88    | 571.51    | 563.82     | 2.00    | ppb   |
| Boron      | 11-1  | 587.89    | 574.83    | 587.34    | 583.35     | 1.27    | ppb   |
| Cadmium    | 111-1 | 462.48    | 466.09    | 457.35    | 461.98     | 0.95    | ppb   |
| Cadmium    | 106-1 | 476.15    | 464.13    | 467.04    | 469.11     | 1.34    | ppb   |
| Cadmium    | 108-1 | 469.29    | 463.91    | 470.64    | 467.95     | 0.76    | ppb   |
| Calcium    | 43-1  | 223692.78 | 226897.69 | 226877.34 | 225822.61  | 0.82    | ppb   |
| Calcium    | 44-1  | 225444.15 | 225990.76 | 226845.88 | 226093.59  | 0.31    | ppb   |
| Chromium   | 52-2  | 504.70    | 506.16    | 508.65    | 506.50     | 0.39    | ppb   |
| Cobalt     | 59-2  | 481.88    | 482.75    | 484.93    | 483.18     | 0.33    | ppb   |
| Copper     | 63-2  | 967.52    | 970.41    | 969.66    | 969.20     | 0.16    | 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 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 105        |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 123123.07 | 123717.93 | 124282.33 | 123707.78  | 0.47    | ppb   |
| Iron       | 57-2  | 123722.22 | 124203.72 | 123650.50 | 123858.81  | 0.24    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 472.09    | 479.30    | 479.93    | 477.11     | 0.91    | ppb   |
| Lead       | 207-1 | 468.94    | 480.21    | 478.91    | 476.02     | 1.30    | ppb   |
| Lead       | 208-1 | 477.04    | 485.13    | 484.34    | 482.17     | 0.92    | ppb   |
| Lithium    | 6-1   |           |           |           | 74         |         | %     |
| Magnesium  | 24-2  | 235792.61 | 236485.29 | 239322.25 | 237200.05  | 0.79    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:44:05 | DataFile Name :   | 056CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 942.06    | 944.91    | 950.74    | 945.90     | 0.47    | ppb   |
| Molybdenum | 94-1  | 2451.95   | 2447.02   | 2414.38   | 2437.78    | 0.84    | ppb   |
| Molybdenum | 95-1  | 2457.15   | 2433.18   | 2418.77   | 2436.37    | 0.80    | ppb   |
| Molybdenum | 96-1  | 2449.25   | 2444.33   | 2412.10   | 2435.23    | 0.83    | ppb   |
| Molybdenum | 97-1  | 2436.34   | 2449.82   | 2432.91   | 2439.69    | 0.37    | ppb   |
| Molybdenum | 98-1  | 2442.94   | 2452.65   | 2443.27   | 2446.29    | 0.23    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 491.84    | 493.20    | 493.37    | 492.81     | 0.17    | ppb   |
| Phosphorus | 31-2  | 9532.17   | 9572.85   | 9813.69   | 9639.57    | 1.58    | ppb   |
| Potassium  | 39-2  | 116499.78 | 116694.52 | 117602.51 | 116932.27  | 0.50    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 480.54    | 469.82    | 497.65    | 482.67     | 2.91    | ppb   |
| Selenium   | 78-2  | 479.96    | 484.44    | 481.02    | 481.80     | 0.49    | ppb   |
| Selenium   | 82-1  | 469.95    | 469.25    | 466.80    | 468.67     | 0.35    | ppb   |
| Silicon    | 28-1  | 521.63    | 533.77    | 545.25    | 533.55     | 2.21    | ppb   |
| Silver     | 109-1 | 459.11    | 463.24    | 459.50    | 460.62     | 0.50    | ppb   |
| Silver     | 107-1 | 458.90    | 462.10    | 457.02    | 459.34     | 0.56    | ppb   |
| Sodium     | 23-2  | 243335.83 | 243407.36 | 245603.06 | 244115.41  | 0.53    | ppb   |
| Strontium  | 86-1  | 490.87    | 487.65    | 481.52    | 486.68     | 0.98    | ppb   |
| Strontium  | 88-1  | 495.82    | 496.90    | 496.21    | 496.31     | 0.11    | ppb   |
| Sulfur     | 34-1  | 9236.34   | 9325.57   | 9333.15   | 9298.35    | 0.58    | ppb   |
| Terbium    | 159-1 |           |           |           | 111        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 470.57    | 482.04    | 477.74    | 476.78     | 1.22    | ppb   |
| Thallium   | 205-1 | 477.92    | 490.34    | 486.53    | 484.93     | 1.31    | ppb   |
| Tin        | 118-1 | 473.14    | 473.70    | 471.83    | 472.89     | 0.20    | ppb   |
| Titanium   | 47-1  | 2383.24   | 2375.90   | 2413.36   | 2390.84    | 0.83    | ppb   |
| Uranium    | 238-1 | 498.45    | 505.95    | 507.00    | 503.80     | 0.93    | ppb   |
| Vanadium   | 51-2  | 494.85    | 494.54    | 497.04    | 495.47     | 0.28    | ppb   |
| Yttrium    | 89-1  |           |           |           | 106        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 928.96    | 928.54    | 933.44    | 930.32     | 0.29    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:44:05 | DataFile Name :   | 056CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 484.42  | 481.63  | 482.41  | 482.82     | 0.30    | ppb   |
| Zirconium | 91-1 | 476.94  | 477.22  | 472.85  | 475.67     | 0.51    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCB91 Instrumnet Name : P7  
 Client Sample ID : CCB91 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:49:38 DataFile Name : 057CCBE\_P7042318- M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.22    | 0.07    | 0.01    | 0.10       | 106.64  | ppb   |
| Antimony   | 121-1 | 0.20    | 0.26    | 0.35    | 0.27       | 27.21   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.04    | 0.02    | 0.03       | 29.56   | ppb   |
| Barium     | 135-1 | 0.00    | 0.03    | 0.03    | 0.02       | 79.98   | ppb   |
| Barium     | 137-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.18    | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.07    | 0.04    | 0.07       | 34.01   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 13.73   | 12.38   | 11.79   | 12.63      | 7.88    | ppb   |
| Boron      | 11-1  | 13.22   | 13.68   | 12.88   | 13.26      | 3.04    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.07   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.15   | -1.43   | 0.06    | -0.51      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | 0.02    | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 2.01    | 3.46    | 2.55    | 2.68       | 27.34   | ppb   |
| Calcium    | 44-1  | 5.87    | 4.31    | 3.09    | 4.42       | 31.41   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.06    | 0.04    | 0.05       | 24.25   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.34    | 0.29    | 0.29    | 0.31       | 7.67    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 0.61    | 0.99    | 1.08    | 0.89       | 27.79   | ppb   |
| Iron       | 57-2  | -0.47   | 0.30    | -0.63   | -0.27      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.12    | 0.10    | 0.09    | 0.10       | 14.93   | ppb   |
| Lead       | 207-1 | 0.08    | 0.10    | 0.09    | 0.09       | 12.26   | ppb   |
| Lead       | 208-1 | 0.11    | 0.09    | 0.10    | 0.10       | 8.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 81         |         | %     |
| Magnesium  | 24-2  | 2.46    | 3.54    | 4.48    | 3.50       | 28.92   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:49:38 | DataFile Name :   | 057CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.18    | 0.19    | 0.23    | 0.20       | 15.54   | ppb   |
| Molybdenum | 95-1  | 0.23    | 0.24    | 0.20    | 0.23       | 9.67    | ppb   |
| Molybdenum | 96-1  | 0.17    | 0.19    | 0.19    | 0.18       | 5.18    | ppb   |
| Molybdenum | 97-1  | 0.23    | 0.18    | 0.18    | 0.20       | 15.58   | ppb   |
| Molybdenum | 98-1  | 0.18    | 0.18    | 0.22    | 0.20       | 11.94   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | 0.02    | 0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -56.88  | -48.44  | -45.69  | -50.34     |         | ppb   |
| Potassium  | 39-2  | 4.69    | 4.44    | 8.86    | 5.99       | 41.41   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 93         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 0.38    | 0.00    | 0.77    | 0.38       | 100.05  | ppb   |
| Selenium   | 78-2  | -0.44   | -0.59   | -0.32   | -0.45      |         | ppb   |
| Selenium   | 82-1  | 0.89    | 0.34    | 0.49    | 0.57       | 50.03   | ppb   |
| Silicon    | 28-1  | -10.56  | -12.11  | -9.54   | -10.74     |         | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.06    | 0.05       | 11.82   | ppb   |
| Silver     | 107-1 | 0.05    | 0.05    | 0.07    | 0.06       | 14.01   | ppb   |
| Sodium     | 23-2  | 47.14   | 48.17   | 47.74   | 47.68      | 1.08    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.06   | 0.02    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 17.37   | ppb   |
| Sulfur     | 34-1  | -454.49 | -867.40 | -431.24 | -584.38    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.11    | 0.11    | 0.10    | 0.11       | 5.50    | ppb   |
| Thallium   | 205-1 | 0.11    | 0.10    | 0.10    | 0.10       | 3.28    | ppb   |
| Tin        | 118-1 | 0.04    | 0.05    | 0.03    | 0.04       | 19.90   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.04    | 0.04    | 0.03       | 45.55   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 31.51   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.01    | 0.02    | 0.02       | 35.71   | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | -0.26   | -0.24   | -0.20   | -0.23      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:49:38 | DataFile Name :   | 057CCBE_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.01    | 0.01       | 52.01   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.03    | 0.02    | 0.02       | 101.40  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410DL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:53:11 | DataFile Name :   | 058SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 7.29      | 7.58      | 7.33      | 7.40       | 2.12    | ppb   |
| Antimony   | 121-1 | 1.08      | 1.28      | 1.32      | 1.22       | 10.62   | ppb   |
| Arsenic    | 75-2  | 21.08     | 20.44     | 20.59     | 20.70      | 1.60    | ppb   |
| Barium     | 135-1 | 243.69    | 245.46    | 243.39    | 244.18     | 0.46    | ppb   |
| Barium     | 137-1 | 244.50    | 246.72    | 242.89    | 244.71     | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.07      | 0.08      | 0.06       | 32.29   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 296.06    | 300.72    | 315.68    | 304.16     | 3.37    | ppb   |
| Boron      | 11-1  | 314.14    | 317.46    | 323.68    | 318.43     | 1.52    | ppb   |
| Cadmium    | 111-1 | -0.08     | -0.16     | -0.07     | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -2.42     | -3.55     | -2.20     | -2.72      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | 0.08      | 0.10      | 0.08       | 31.62   | ppb   |
| Calcium    | 43-1  | 163695.49 | 162583.03 | 162334.25 | 162870.93  | 0.45    | ppb   |
| Calcium    | 44-1  | 164048.93 | 163734.17 | 162826.10 | 163536.40  | 0.39    | ppb   |
| Chromium   | 52-2  | 2.21      | 2.19      | 2.21      | 2.21       | 0.51    | ppb   |
| Cobalt     | 59-2  | 0.76      | 0.74      | 0.76      | 0.75       | 1.83    | ppb   |
| Copper     | 63-2  | 4.26      | 4.10      | 3.95      | 4.11       | 3.77    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 12810.26  | 12700.38  | 12547.78  | 12686.14   | 1.04    | ppb   |
| Iron       | 57-2  | 12700.47  | 12659.60  | 12491.55  | 12617.20   | 0.88    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.41      | 0.39      | 0.37      | 0.39       | 5.84    | ppb   |
| Lead       | 207-1 | 0.40      | 0.37      | 0.33      | 0.37       | 9.04    | ppb   |
| Lead       | 208-1 | 0.40      | 0.38      | 0.35      | 0.38       | 6.87    | ppb   |
| Lithium    | 6-1   |           |           |           | 78         |         | %     |
| Magnesium  | 24-2  | 19470.81  | 19249.84  | 19193.93  | 19304.86   | 0.76    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01DUP Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:53:11 DataFile Name : 058SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1291.89  | 1277.48  | 1268.77  | 1279.38    | 0.91    | ppb   |
| Molybdenum | 94-1  | 1.13     | 1.07     | 1.14     | 1.11       | 3.60    | ppb   |
| Molybdenum | 95-1  | 1.29     | 1.27     | 1.34     | 1.30       | 3.01    | ppb   |
| Molybdenum | 96-1  | 1.47     | 1.36     | 1.26     | 1.36       | 7.64    | ppb   |
| Molybdenum | 97-1  | 1.37     | 1.41     | 1.38     | 1.39       | 1.37    | ppb   |
| Molybdenum | 98-1  | 1.25     | 1.30     | 1.28     | 1.27       | 2.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.42     | 1.35     | 1.48     | 1.42       | 4.88    | ppb   |
| Phosphorus | 31-2  | -13.12   | -22.81   | -12.37   | -16.10     |         | ppb   |
| Potassium  | 39-2  | 6890.63  | 6848.47  | 6747.03  | 6828.71    | 1.08    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 82         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 3.79     | 2.50     | 2.90     | 3.06       | 21.51   | ppb   |
| Selenium   | 78-2  | 0.41     | 0.02     | 0.55     | 0.33       | 83.30   | ppb   |
| Selenium   | 82-1  | 1.54     | 2.31     | 1.20     | 1.68       | 33.52   | ppb   |
| Silicon    | 28-1  | 9602.22  | 9590.58  | 9557.16  | 9583.32    | 0.24    | ppb   |
| Silver     | 109-1 | 0.39     | 0.37     | 0.35     | 0.37       | 5.85    | ppb   |
| Silver     | 107-1 | 0.42     | 0.37     | 0.32     | 0.37       | 13.21   | ppb   |
| Sodium     | 23-2  | 45858.12 | 45519.75 | 45069.14 | 45482.33   | 0.87    | ppb   |
| Strontium  | 86-1  | 759.97   | 758.31   | 756.85   | 758.38     | 0.21    | ppb   |
| Strontium  | 88-1  | 774.87   | 777.96   | 775.79   | 776.21     | 0.20    | ppb   |
| Sulfur     | 34-1  | 32872.97 | 32030.57 | 31893.30 | 32265.61   | 1.64    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.75     | 0.41     | 0.29     | 0.48       | 48.27   | ppb   |
| Thallium   | 205-1 | 0.73     | 0.40     | 0.28     | 0.47       | 49.48   | ppb   |
| Tin        | 118-1 | 1.43     | 1.44     | 1.48     | 1.45       | 1.72    | ppb   |
| Titanium   | 47-1  | 1.15     | 0.76     | 0.98     | 0.96       | 20.25   | ppb   |
| Uranium    | 238-1 | 0.18     | 0.19     | 0.17     | 0.18       | 5.32    | ppb   |
| Vanadium   | 51-2  | 0.63     | 0.67     | 0.62     | 0.64       | 4.61    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 4.61     | 4.20     | 4.34     | 4.38       | 4.72    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-01DUP         | Instrumnet Name : | P7                   |
| Client Sample ID :      | SS032MW008-180410DL | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:53:11 | DataFile Name :   | 058SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.15    | 0.12    | 0.14       | 16.21   | ppb   |
| Zirconium | 91-1 | 0.18    | 0.18    | 0.18    | 0.18       | 0.96    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 17:56:44 | DataFile Name :   | 059SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.68     | 1.45     | 1.12     | 1.42       | 19.98   | ppb   |
| Antimony   | 121-1 | 0.22     | 0.20     | 0.19     | 0.20       | 6.38    | ppb   |
| Arsenic    | 75-2  | 4.01     | 4.17     | 3.97     | 4.05       | 2.53    | ppb   |
| Barium     | 135-1 | 48.17    | 47.44    | 47.66    | 47.76      | 0.79    | ppb   |
| Barium     | 137-1 | 48.16    | 48.18    | 48.36    | 48.23      | 0.23    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.04     | 0.04       | 18.27   | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 78.74    | 75.39    | 80.20    | 78.11      | 3.16    | ppb   |
| Boron      | 11-1  | 82.13    | 81.38    | 82.48    | 82.00      | 0.69    | ppb   |
| Cadmium    | 111-1 | -0.16    | -0.10    | -0.13    | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.85    | -2.07    | -2.76    | -2.56      |         | ppb   |
| Cadmium    | 108-1 | 0.09     | -0.08    | 0.02     | 0.01       | 790.71  | ppb   |
| Calcium    | 43-1  | 32224.69 | 32022.43 | 32148.05 | 32131.72   | 0.32    | ppb   |
| Calcium    | 44-1  | 32639.03 | 32603.96 | 32631.54 | 32624.84   | 0.06    | ppb   |
| Chromium   | 52-2  | 0.50     | 0.49     | 0.48     | 0.49       | 1.99    | ppb   |
| Cobalt     | 59-2  | 0.10     | 0.13     | 0.11     | 0.11       | 12.09   | ppb   |
| Copper     | 63-2  | 1.05     | 1.03     | 1.04     | 1.04       | 1.02    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 2535.92  | 2541.50  | 2530.39  | 2535.94    | 0.22    | ppb   |
| Iron       | 57-2  | 2522.28  | 2481.38  | 2504.50  | 2502.72    | 0.82    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.09     | 0.07     | 0.08     | 0.08       | 12.36   | ppb   |
| Lead       | 207-1 | 0.06     | 0.06     | 0.06     | 0.06       | 8.19    | ppb   |
| Lead       | 208-1 | 0.08     | 0.07     | 0.07     | 0.07       | 2.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 72         |         | %     |
| Magnesium  | 24-2  | 3809.93  | 3825.28  | 3852.51  | 3829.24    | 0.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 17:56:44 | DataFile Name :   | 059SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 255.58  | 255.53  | 255.42  | 255.51     | 0.03    | ppb   |
| Molybdenum | 94-1  | 0.19    | 0.26    | 0.22    | 0.22       | 14.51   | ppb   |
| Molybdenum | 95-1  | 0.28    | 0.28    | 0.29    | 0.29       | 1.49    | ppb   |
| Molybdenum | 96-1  | 0.30    | 0.24    | 0.26    | 0.27       | 10.82   | ppb   |
| Molybdenum | 97-1  | 0.30    | 0.28    | 0.26    | 0.28       | 7.05    | ppb   |
| Molybdenum | 98-1  | 0.26    | 0.27    | 0.25    | 0.26       | 2.86    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.27    | 0.28    | 0.27       | 5.05    | ppb   |
| Phosphorus | 31-2  | -48.31  | -47.45  | -23.73  | -39.83     |         | ppb   |
| Potassium  | 39-2  | 1395.61 | 1371.68 | 1379.72 | 1382.33    | 0.88    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 88         |         | %     |
| Scandium   | 45-2  |         |         |         | 92         |         | %     |
| Selenium   | 77-2  | 1.17    | 1.55    | 0.78    | 1.17       | 32.87   | ppb   |
| Selenium   | 78-2  | -0.45   | -0.21   | -0.25   | -0.30      |         | ppb   |
| Selenium   | 82-1  | 0.13    | 1.10    | 0.38    | 0.53       | 94.33   | ppb   |
| Silicon    | 28-1  | 1935.96 | 1935.55 | 1914.70 | 1928.73    | 0.63    | ppb   |
| Silver     | 109-1 | 0.14    | 0.12    | 0.12    | 0.13       | 10.00   | ppb   |
| Silver     | 107-1 | 0.14    | 0.13    | 0.10    | 0.12       | 16.99   | ppb   |
| Sodium     | 23-2  | 9052.68 | 9081.40 | 9119.95 | 9084.68    | 0.37    | ppb   |
| Strontium  | 86-1  | 151.12  | 149.34  | 148.71  | 149.73     | 0.84    | ppb   |
| Strontium  | 88-1  | 153.73  | 152.35  | 152.03  | 152.71     | 0.59    | ppb   |
| Sulfur     | 34-1  | 4950.13 | 4960.43 | 4796.29 | 4902.28    | 1.88    | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.02    | 0.02    | 0.03       | 37.21   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 10.61   | ppb   |
| Tin        | 118-1 | 0.15    | 0.16    | 0.12    | 0.14       | 13.86   | ppb   |
| Titanium   | 47-1  | 0.32    | 0.26    | 0.39    | 0.32       | 20.86   | ppb   |
| Uranium    | 238-1 | 0.03    | 0.04    | 0.03    | 0.03       | 13.79   | ppb   |
| Vanadium   | 51-2  | 0.17    | 0.17    | 0.15    | 0.16       | 5.33    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.70    | 0.68    | 0.50    | 0.63       | 17.32   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 17:56:44 | DataFile Name :   | 059SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.01    | 0.02    | 0.01       | 37.70   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.03    | 0.03    | 0.02       | 68.19   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MS Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:00:18 DataFile Name : 060SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 8795.31   | 8648.01   | 8610.37   | 8684.56    | 1.13    | ppb   |
| Antimony   | 121-1 | 457.02    | 466.09    | 463.07    | 462.06     | 1.00    | ppb   |
| Arsenic    | 75-2  | 514.60    | 508.09    | 514.19    | 512.29     | 0.71    | ppb   |
| Barium     | 135-1 | 2543.63   | 2583.00   | 2579.33   | 2568.65    | 0.85    | ppb   |
| Barium     | 137-1 | 2560.62   | 2592.25   | 2573.59   | 2575.48    | 0.62    | ppb   |
| Beryllium  | 9-1   | 419.06    | 429.53    | 425.01    | 424.53     | 1.24    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 748.28    | 764.50    | 775.97    | 762.92     | 1.82    | ppb   |
| Boron      | 11-1  | 799.70    | 799.74    | 812.33    | 803.92     | 0.91    | ppb   |
| Cadmium    | 111-1 | 444.75    | 447.97    | 450.39    | 447.70     | 0.63    | ppb   |
| Cadmium    | 106-1 | 438.37    | 436.79    | 450.73    | 441.96     | 1.73    | ppb   |
| Cadmium    | 108-1 | 441.41    | 442.36    | 453.15    | 445.64     | 1.46    | ppb   |
| Calcium    | 43-1  | 207449.19 | 208201.92 | 208563.13 | 208071.42  | 0.27    | ppb   |
| Calcium    | 44-1  | 207079.34 | 207971.60 | 208267.65 | 207772.86  | 0.30    | ppb   |
| Chromium   | 52-2  | 522.00    | 517.55    | 517.23    | 518.92     | 0.51    | ppb   |
| Cobalt     | 59-2  | 519.59    | 513.22    | 511.65    | 514.82     | 0.82    | ppb   |
| Copper     | 63-2  | 1086.02   | 1071.77   | 1069.88   | 1075.89    | 0.82    | 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 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 38425.33  | 37927.67  | 37866.00  | 38073.00   | 0.81    | ppb   |
| Iron       | 57-2  | 38241.58  | 37819.30  | 37411.14  | 37824.01   | 1.10    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 469.52    | 474.93    | 475.35    | 473.27     | 0.69    | ppb   |
| Lead       | 207-1 | 470.06    | 477.28    | 473.50    | 473.61     | 0.76    | ppb   |
| Lead       | 208-1 | 474.90    | 482.21    | 478.93    | 478.68     | 0.77    | ppb   |
| Lithium    | 6-1   |           |           |           | 69         |         | %     |
| Magnesium  | 24-2  | 69517.87  | 68294.34  | 68177.64  | 68663.28   | 1.08    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01MS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410M  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:00:18 | DataFile Name :   | 060SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2254.94  | 2236.55  | 2223.69  | 2238.39    | 0.70    | ppb   |
| Molybdenum | 94-1  | 2427.66  | 2461.42  | 2471.07  | 2453.38    | 0.93    | ppb   |
| Molybdenum | 95-1  | 2424.88  | 2455.88  | 2466.68  | 2449.15    | 0.89    | ppb   |
| Molybdenum | 96-1  | 2416.41  | 2456.63  | 2468.61  | 2447.21    | 1.12    | ppb   |
| Molybdenum | 97-1  | 2429.76  | 2454.82  | 2480.25  | 2454.94    | 1.03    | ppb   |
| Molybdenum | 98-1  | 2425.15  | 2475.07  | 2484.80  | 2461.68    | 1.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 536.27   | 525.80   | 525.08   | 529.05     | 1.18    | ppb   |
| Phosphorus | 31-2  | -0.66    | 4.21     | -20.00   | -5.48      |         | ppb   |
| Potassium  | 39-2  | 30190.42 | 29595.00 | 29578.84 | 29788.09   | 1.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 89         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 78         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 475.50   | 462.49   | 454.05   | 464.02     | 2.33    | ppb   |
| Selenium   | 78-2  | 466.08   | 462.61   | 461.68   | 463.45     | 0.50    | ppb   |
| Selenium   | 82-1  | 461.97   | 468.80   | 475.37   | 468.71     | 1.43    | ppb   |
| Silicon    | 28-1  | 9719.71  | 9621.63  | 9663.59  | 9668.31    | 0.51    | ppb   |
| Silver     | 109-1 | 458.36   | 460.99   | 466.78   | 462.04     | 0.93    | ppb   |
| Silver     | 107-1 | 454.46   | 463.44   | 464.01   | 460.63     | 1.16    | ppb   |
| Sodium     | 23-2  | 96499.66 | 94961.39 | 94409.00 | 95290.02   | 1.14    | ppb   |
| Strontium  | 86-1  | 1229.11  | 1241.14  | 1245.35  | 1238.53    | 0.68    | ppb   |
| Strontium  | 88-1  | 1248.85  | 1260.55  | 1262.33  | 1257.24    | 0.58    | ppb   |
| Sulfur     | 34-1  | 30345.31 | 30277.44 | 30191.92 | 30271.56   | 0.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 474.07   | 474.65   | 475.95   | 474.89     | 0.20    | ppb   |
| Thallium   | 205-1 | 479.19   | 483.57   | 483.55   | 482.10     | 0.52    | ppb   |
| Tin        | 118-1 | 452.98   | 462.23   | 457.69   | 457.63     | 1.01    | ppb   |
| Titanium   | 47-1  | 2387.88  | 2378.61  | 2399.52  | 2388.67    | 0.44    | ppb   |
| Uranium    | 238-1 | 487.60   | 490.19   | 492.20   | 490.00     | 0.47    | ppb   |
| Vanadium   | 51-2  | 503.61   | 499.20   | 495.44   | 499.41     | 0.82    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Yttrium    | 89-2  |          |          |          | 85         |         | %     |
| Zinc       | 66-2  | 964.94   | 953.37   | 952.90   | 957.07     | 0.71    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01MS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410M  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:00:18 | DataFile Name :   | 060SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 485.40  | 490.09  | 487.19  | 487.56     | 0.49    | ppb   |
| Zirconium | 91-1 | 475.35  | 482.95  | 485.60  | 481.30     | 1.11    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MSD Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:03:51 DataFile Name : 061SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9255.84   | 9268.84   | 9321.62   | 9282.10    | 0.38    | ppb   |
| Antimony   | 121-1 | 491.00    | 494.04    | 494.97    | 493.34     | 0.42    | ppb   |
| Arsenic    | 75-2  | 550.67    | 552.38    | 549.47    | 550.84     | 0.27    | ppb   |
| Barium     | 135-1 | 2713.18   | 2719.24   | 2739.24   | 2723.88    | 0.50    | ppb   |
| Barium     | 137-1 | 2732.07   | 2715.94   | 2723.65   | 2723.89    | 0.30    | ppb   |
| Beryllium  | 9-1   | 462.56    | 471.20    | 470.56    | 468.11     | 1.03    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 783.55    | 802.09    | 837.74    | 807.80     | 3.41    | ppb   |
| Boron      | 11-1  | 826.40    | 849.70    | 865.52    | 847.20     | 2.32    | ppb   |
| Cadmium    | 111-1 | 481.37    | 478.98    | 481.57    | 480.64     | 0.30    | ppb   |
| Cadmium    | 106-1 | 477.05    | 473.09    | 474.91    | 475.02     | 0.42    | ppb   |
| Cadmium    | 108-1 | 478.61    | 480.58    | 475.92    | 478.37     | 0.49    | ppb   |
| Calcium    | 43-1  | 209960.31 | 213526.29 | 212034.72 | 211840.44  | 0.85    | ppb   |
| Calcium    | 44-1  | 210341.46 | 211757.49 | 210444.09 | 210847.68  | 0.37    | ppb   |
| Chromium   | 52-2  | 556.10    | 559.10    | 560.33    | 558.51     | 0.39    | ppb   |
| Cobalt     | 59-2  | 548.89    | 556.24    | 550.19    | 551.77     | 0.71    | ppb   |
| Copper     | 63-2  | 1149.77   | 1153.06   | 1155.55   | 1152.79    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 39694.37  | 39902.22  | 39524.51  | 39707.04   | 0.48    | ppb   |
| Iron       | 57-2  | 39444.83  | 39686.64  | 39291.12  | 39474.20   | 0.51    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 508.89    | 510.52    | 515.14    | 511.52     | 0.63    | ppb   |
| Lead       | 207-1 | 505.80    | 509.46    | 509.31    | 508.19     | 0.41    | ppb   |
| Lead       | 208-1 | 511.90    | 514.06    | 516.46    | 514.14     | 0.44    | ppb   |
| Lithium    | 6-1   |           |           |           | 67         |         | %     |
| Magnesium  | 24-2  | 67418.30  | 67502.40  | 67287.34  | 67402.68   | 0.16    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MSD Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:03:51 DataFile Name : 061SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2298.39  | 2306.60  | 2309.36  | 2304.78    | 0.25    | ppb   |
| Molybdenum | 94-1  | 2642.70  | 2624.88  | 2585.42  | 2617.67    | 1.12    | ppb   |
| Molybdenum | 95-1  | 2629.70  | 2628.22  | 2576.08  | 2611.33    | 1.17    | ppb   |
| Molybdenum | 96-1  | 2609.63  | 2608.97  | 2594.61  | 2604.41    | 0.33    | ppb   |
| Molybdenum | 97-1  | 2626.28  | 2611.83  | 2626.72  | 2621.61    | 0.32    | ppb   |
| Molybdenum | 98-1  | 2662.17  | 2618.47  | 2646.37  | 2642.34    | 0.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 565.31   | 568.42   | 571.84   | 568.52     | 0.57    | ppb   |
| Phosphorus | 31-2  | -23.77   | -25.24   | -14.44   | -21.15     |         | ppb   |
| Potassium  | 39-2  | 31215.49 | 31208.24 | 31291.26 | 31238.33   | 0.15    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 78         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 506.67   | 532.89   | 521.23   | 520.26     | 2.53    | ppb   |
| Selenium   | 78-2  | 496.60   | 495.57   | 505.26   | 499.14     | 1.07    | ppb   |
| Selenium   | 82-1  | 512.75   | 506.72   | 511.25   | 510.24     | 0.62    | ppb   |
| Silicon    | 28-1  | 9629.63  | 9796.83  | 9682.22  | 9702.89    | 0.88    | ppb   |
| Silver     | 109-1 | 494.20   | 490.42   | 494.56   | 493.06     | 0.47    | ppb   |
| Silver     | 107-1 | 490.59   | 490.77   | 493.17   | 491.51     | 0.29    | ppb   |
| Sodium     | 23-2  | 96181.78 | 96935.80 | 96450.92 | 96522.83   | 0.40    | ppb   |
| Strontium  | 86-1  | 1274.61  | 1271.67  | 1255.08  | 1267.12    | 0.83    | ppb   |
| Strontium  | 88-1  | 1295.92  | 1296.28  | 1284.96  | 1292.39    | 0.50    | ppb   |
| Sulfur     | 34-1  | 31211.41 | 32161.81 | 31765.74 | 31712.99   | 1.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 511.01   | 512.54   | 513.75   | 512.44     | 0.27    | ppb   |
| Thallium   | 205-1 | 517.61   | 520.11   | 525.11   | 520.94     | 0.73    | ppb   |
| Tin        | 118-1 | 485.10   | 487.18   | 489.60   | 487.29     | 0.46    | ppb   |
| Titanium   | 47-1  | 2555.89  | 2585.83  | 2561.07  | 2567.60    | 0.62    | ppb   |
| Uranium    | 238-1 | 529.63   | 528.36   | 530.33   | 529.44     | 0.19    | ppb   |
| Vanadium   | 51-2  | 531.36   | 534.22   | 535.94   | 533.84     | 0.43    | ppb   |
| Yttrium    | 89-1  |          |          |          | 93         |         | %     |
| Yttrium    | 89-2  |          |          |          | 86         |         | %     |
| Zinc       | 66-2  | 1019.77  | 1026.70  | 1025.96  | 1024.14    | 0.37    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01MSD         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410M  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:03:51 | DataFile Name :   | 061SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 524.02  | 524.98  | 523.49  | 524.16     | 0.14    | ppb   |
| Zirconium | 91-1 | 517.59  | 516.98  | 513.88  | 516.15     | 0.39    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:07:25 | DataFile Name :   | 062SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 8831.36   | 8941.78   | 8961.72   | 8911.62    | 0.79    | ppb   |
| Antimony   | 121-1 | 477.67    | 474.92    | 479.78    | 477.46     | 0.51    | ppb   |
| Arsenic    | 75-2  | 527.46    | 535.59    | 531.81    | 531.62     | 0.77    | ppb   |
| Barium     | 135-1 | 2640.26   | 2632.67   | 2650.34   | 2641.09    | 0.34    | ppb   |
| Barium     | 137-1 | 2646.77   | 2631.20   | 2648.97   | 2642.31    | 0.37    | ppb   |
| Beryllium  | 9-1   | 455.68    | 453.58    | 458.83    | 456.03     | 0.58    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 810.26    | 806.69    | 820.80    | 812.58     | 0.90    | ppb   |
| Boron      | 11-1  | 835.88    | 828.73    | 844.96    | 836.52     | 0.97    | ppb   |
| Cadmium    | 111-1 | 464.06    | 457.81    | 466.23    | 462.70     | 0.94    | ppb   |
| Cadmium    | 106-1 | 464.11    | 450.17    | 448.23    | 454.17     | 1.91    | ppb   |
| Cadmium    | 108-1 | 469.27    | 460.38    | 460.13    | 463.26     | 1.12    | ppb   |
| Calcium    | 43-1  | 207611.89 | 208454.74 | 209422.67 | 208496.43  | 0.43    | ppb   |
| Calcium    | 44-1  | 206959.41 | 207933.00 | 209692.38 | 208194.93  | 0.67    | ppb   |
| Chromium   | 52-2  | 533.24    | 536.96    | 537.20    | 535.80     | 0.41    | ppb   |
| Cobalt     | 59-2  | 526.45    | 533.88    | 534.61    | 531.65     | 0.85    | ppb   |
| Copper     | 63-2  | 1110.92   | 1124.18   | 1126.82   | 1120.64    | 0.76    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 38752.35  | 38831.54  | 38877.38  | 38820.43   | 0.16    | ppb   |
| Iron       | 57-2  | 38263.10  | 38698.98  | 38853.41  | 38605.16   | 0.79    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 491.51    | 487.10    | 497.90    | 492.17     | 1.10    | ppb   |
| Lead       | 207-1 | 490.33    | 489.23    | 495.66    | 491.74     | 0.70    | ppb   |
| Lead       | 208-1 | 496.38    | 493.60    | 501.35    | 497.11     | 0.79    | ppb   |
| Lithium    | 6-1   |           |           |           | 67         |         | %     |
| Magnesium  | 24-2  | 67536.14  | 68200.73  | 68293.81  | 68010.23   | 0.61    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01A Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:07:25 DataFile Name : 062SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2242.17  | 2270.38  | 2276.02  | 2262.86    | 0.80    | ppb   |
| Molybdenum | 94-1  | 2514.54  | 2517.32  | 2527.25  | 2519.70    | 0.27    | ppb   |
| Molybdenum | 95-1  | 2520.61  | 2504.63  | 2519.66  | 2514.97    | 0.36    | ppb   |
| Molybdenum | 96-1  | 2505.60  | 2509.19  | 2526.68  | 2513.82    | 0.45    | ppb   |
| Molybdenum | 97-1  | 2514.42  | 2517.95  | 2555.75  | 2529.37    | 0.91    | ppb   |
| Molybdenum | 98-1  | 2524.53  | 2527.49  | 2560.48  | 2537.50    | 0.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 543.20   | 545.60   | 548.10   | 545.64     | 0.45    | ppb   |
| Phosphorus | 31-2  | -4.71    | 9.46     | -16.41   | -3.89      |         | ppb   |
| Potassium  | 39-2  | 30280.59 | 30486.29 | 30561.11 | 30442.66   | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 80         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 502.21   | 483.74   | 486.69   | 490.88     | 2.02    | ppb   |
| Selenium   | 78-2  | 490.59   | 485.55   | 479.72   | 485.29     | 1.12    | ppb   |
| Selenium   | 82-1  | 489.57   | 482.19   | 489.07   | 486.94     | 0.85    | ppb   |
| Silicon    | 28-1  | 9535.99  | 9566.00  | 9581.53  | 9561.18    | 0.24    | ppb   |
| Silver     | 109-1 | 479.58   | 473.59   | 478.66   | 477.28     | 0.68    | ppb   |
| Silver     | 107-1 | 477.36   | 472.68   | 472.78   | 474.28     | 0.56    | ppb   |
| Sodium     | 23-2  | 95594.27 | 96049.11 | 96085.48 | 95909.62   | 0.29    | ppb   |
| Strontium  | 86-1  | 1248.87  | 1240.57  | 1252.74  | 1247.39    | 0.50    | ppb   |
| Strontium  | 88-1  | 1266.95  | 1263.24  | 1275.75  | 1268.65    | 0.51    | ppb   |
| Sulfur     | 34-1  | 31346.71 | 31188.80 | 31312.19 | 31282.57   | 0.27    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 491.56   | 491.92   | 496.13   | 493.21     | 0.51    | ppb   |
| Thallium   | 205-1 | 502.04   | 499.56   | 504.18   | 501.93     | 0.46    | ppb   |
| Tin        | 118-1 | 474.66   | 467.77   | 474.68   | 472.37     | 0.84    | ppb   |
| Titanium   | 47-1  | 2435.36  | 2460.62  | 2456.85  | 2450.94    | 0.56    | ppb   |
| Uranium    | 238-1 | 508.18   | 508.58   | 517.26   | 511.34     | 1.00    | ppb   |
| Vanadium   | 51-2  | 514.41   | 515.48   | 517.26   | 515.71     | 0.28    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 981.85   | 998.75   | 994.63   | 991.74     | 0.89    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:07:25 | DataFile Name :   | 062SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 502.48  | 499.34  | 502.36  | 501.39     | 0.35    | ppb   |
| Zirconium | 91-1 | 492.03  | 493.51  | 499.16  | 494.90     | 0.76    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW003-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:10:58 | DataFile Name :   | 063SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 14.46     | 21.99     | 17.40     | 17.95      | 21.16   | ppb   |
| Antimony   | 121-1 | 0.92      | 0.92      | 0.91      | 0.92       | 0.70    | ppb   |
| Arsenic    | 75-2  | 1.26      | 1.15      | 1.42      | 1.28       | 11.00   | ppb   |
| Barium     | 135-1 | 102.74    | 104.49    | 101.37    | 102.87     | 1.52    | ppb   |
| Barium     | 137-1 | 103.21    | 103.19    | 101.13    | 102.51     | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.17      | 0.23      | 0.24      | 0.21       | 16.57   | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 477.99    | 490.71    | 504.42    | 491.04     | 2.69    | ppb   |
| Boron      | 11-1  | 511.01    | 509.65    | 527.06    | 515.91     | 1.88    | ppb   |
| Cadmium    | 111-1 | 0.09      | 0.10      | 0.06      | 0.08       | 26.83   | ppb   |
| Cadmium    | 106-1 | -2.25     | -1.67     | -2.40     | -2.10      |         | ppb   |
| Cadmium    | 108-1 | 0.18      | 0.07      | 0.17      | 0.14       | 41.57   | ppb   |
| Calcium    | 43-1  | 197086.22 | 197351.30 | 194891.95 | 196443.16  | 0.69    | ppb   |
| Calcium    | 44-1  | 196625.75 | 198334.30 | 196279.18 | 197079.74  | 0.56    | ppb   |
| Chromium   | 52-2  | 19.91     | 19.89     | 20.32     | 20.04      | 1.21    | ppb   |
| Cobalt     | 59-2  | 1.40      | 1.40      | 1.38      | 1.39       | 0.92    | ppb   |
| Copper     | 63-2  | 4.95      | 5.12      | 5.01      | 5.03       | 1.70    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 1008.21   | 1007.09   | 1003.62   | 1006.31    | 0.24    | ppb   |
| Iron       | 57-2  | 1310.99   | 1335.81   | 1319.27   | 1322.02    | 0.96    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.33      | 0.30      | 0.29      | 0.30       | 5.85    | ppb   |
| Lead       | 207-1 | 0.29      | 0.27      | 0.24      | 0.27       | 8.36    | ppb   |
| Lead       | 208-1 | 0.29      | 0.28      | 0.27      | 0.28       | 3.87    | ppb   |
| Lithium    | 6-1   |           |           |           | 65         |         | %     |
| Magnesium  | 24-2  | 26456.26  | 26423.58  | 26465.76  | 26448.53   | 0.08    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-02 Instrumnet Name : P7  
 Client Sample ID : LF012MW003-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:10:58 DataFile Name : 063SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 181.25   | 183.95   | 181.90   | 182.37     | 0.77    | ppb   |
| Molybdenum | 94-1  | 2.00     | 1.70     | 1.73     | 1.81       | 9.13    | ppb   |
| Molybdenum | 95-1  | 2.12     | 2.02     | 1.90     | 2.01       | 5.64    | ppb   |
| Molybdenum | 96-1  | 2.13     | 2.02     | 1.95     | 2.03       | 4.35    | ppb   |
| Molybdenum | 97-1  | 2.13     | 1.91     | 1.88     | 1.97       | 6.87    | ppb   |
| Molybdenum | 98-1  | 2.19     | 2.03     | 1.94     | 2.05       | 6.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 21.32    | 21.49    | 21.63    | 21.48      | 0.74    | ppb   |
| Phosphorus | 31-2  | -18.55   | -16.74   | 5.04     | -10.08     |         | ppb   |
| Potassium  | 39-2  | 7217.79  | 7152.24  | 7171.34  | 7180.46    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 80         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 4.62     | 3.27     | 5.81     | 4.56       | 27.82   | ppb   |
| Selenium   | 78-2  | 0.05     | 0.63     | 0.69     | 0.46       | 77.73   | ppb   |
| Selenium   | 82-1  | 2.13     | 2.12     | 2.13     | 2.13       | 0.33    | ppb   |
| Silicon    | 28-1  | 9266.73  | 9173.75  | 9144.06  | 9194.85    | 0.70    | ppb   |
| Silver     | 109-1 | 0.28     | 0.26     | 0.26     | 0.27       | 4.17    | ppb   |
| Silver     | 107-1 | 0.35     | 0.28     | 0.28     | 0.30       | 13.15   | ppb   |
| Sodium     | 23-2  | 69930.24 | 70030.94 | 69863.99 | 69941.72   | 0.12    | ppb   |
| Strontium  | 86-1  | 994.84   | 1001.92  | 1001.90  | 999.55     | 0.41    | ppb   |
| Strontium  | 88-1  | 1017.75  | 1025.52  | 1017.77  | 1020.35    | 0.44    | ppb   |
| Sulfur     | 34-1  | 44166.40 | 44016.86 | 43008.24 | 43730.50   | 1.44    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.31     | 0.28     | 0.25     | 0.28       | 11.04   | ppb   |
| Thallium   | 205-1 | 0.30     | 0.27     | 0.25     | 0.27       | 8.15    | ppb   |
| Tin        | 118-1 | 2.55     | 2.42     | 2.42     | 2.46       | 2.94    | ppb   |
| Titanium   | 47-1  | 1.27     | 1.27     | 1.33     | 1.29       | 2.82    | ppb   |
| Uranium    | 238-1 | 3.30     | 3.27     | 3.31     | 3.29       | 0.70    | ppb   |
| Vanadium   | 51-2  | 1.65     | 1.65     | 1.72     | 1.67       | 2.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 1.93     | 2.05     | 2.12     | 2.03       | 4.80    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-02            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW003-180410   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:10:58 | DataFile Name :   | 063SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.27    | 0.18    | 0.19    | 0.21       | 24.10   | ppb   |
| Zirconium | 91-1 | 0.23    | 0.15    | 0.16    | 0.18       | 22.90   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW144-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:14:32 | DataFile Name :   | 064SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.78      | 3.00      | 3.22      | 3.00       | 7.26    | ppb   |
| Antimony   | 121-1 | 0.92      | 0.88      | 0.97      | 0.92       | 5.14    | ppb   |
| Arsenic    | 75-2  | 3.96      | 3.71      | 3.85      | 3.84       | 3.29    | ppb   |
| Barium     | 135-1 | 153.69    | 153.25    | 154.45    | 153.80     | 0.39    | ppb   |
| Barium     | 137-1 | 155.03    | 152.47    | 153.92    | 153.81     | 0.84    | ppb   |
| Beryllium  | 9-1   | 0.10      | 0.08      | 0.08      | 0.09       | 16.26   | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 438.66    | 440.46    | 444.16    | 441.09     | 0.64    | ppb   |
| Boron      | 11-1  | 458.74    | 463.03    | 473.99    | 465.26     | 1.69    | ppb   |
| Cadmium    | 111-1 | -0.10     | -0.10     | -0.05     | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.61     | -2.32     | -1.64     | -2.19      |         | ppb   |
| Cadmium    | 108-1 | 0.07      | 0.05      | -0.05     | 0.02       | 303.59  | ppb   |
| Calcium    | 43-1  | 186462.02 | 185803.31 | 185510.07 | 185925.13  | 0.26    | ppb   |
| Calcium    | 44-1  | 187029.77 | 186976.20 | 186886.08 | 186964.02  | 0.04    | ppb   |
| Chromium   | 52-2  | 2.88      | 2.99      | 2.86      | 2.91       | 2.42    | ppb   |
| Cobalt     | 59-2  | 1.71      | 1.65      | 1.74      | 1.70       | 2.48    | ppb   |
| Copper     | 63-2  | 3.81      | 3.81      | 3.77      | 3.80       | 0.56    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 1961.73   | 1954.12   | 1974.89   | 1963.58    | 0.54    | ppb   |
| Iron       | 57-2  | 2229.94   | 2222.92   | 2249.70   | 2234.19    | 0.62    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.21      | 0.21      | 0.20      | 0.20       | 3.53    | ppb   |
| Lead       | 207-1 | 0.18      | 0.19      | 0.21      | 0.19       | 6.64    | ppb   |
| Lead       | 208-1 | 0.20      | 0.20      | 0.20      | 0.20       | 1.10    | ppb   |
| Lithium    | 6-1   |           |           |           | 64         |         | %     |
| Magnesium  | 24-2  | 24850.52  | 24854.04  | 24956.05  | 24886.87   | 0.24    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW144-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:14:32 | DataFile Name :   | 064SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 764.82   | 764.96   | 769.38   | 766.39     | 0.34    | ppb   |
| Molybdenum | 94-1  | 1.07     | 1.08     | 1.23     | 1.13       | 7.96    | ppb   |
| Molybdenum | 95-1  | 1.28     | 1.37     | 1.37     | 1.34       | 3.81    | ppb   |
| Molybdenum | 96-1  | 1.37     | 1.37     | 1.27     | 1.33       | 4.23    | ppb   |
| Molybdenum | 97-1  | 1.35     | 1.33     | 1.35     | 1.34       | 0.68    | ppb   |
| Molybdenum | 98-1  | 1.36     | 1.35     | 1.35     | 1.35       | 0.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.90     | 4.07     | 4.10     | 4.02       | 2.68    | ppb   |
| Phosphorus | 31-2  | -47.54   | -34.22   | -26.30   | -36.02     |         | ppb   |
| Potassium  | 39-2  | 6155.13  | 6158.68  | 6207.35  | 6173.72    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 80         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 6.79     | 2.10     | 3.81     | 4.23       | 56.10   | ppb   |
| Selenium   | 78-2  | 1.07     | 0.61     | -0.20    | 0.49       | 131.49  | ppb   |
| Selenium   | 82-1  | 2.71     | 2.24     | 1.93     | 2.29       | 17.17   | ppb   |
| Silicon    | 28-1  | 9007.63  | 8962.10  | 8972.08  | 8980.61    | 0.27    | ppb   |
| Silver     | 109-1 | 0.22     | 0.23     | 0.21     | 0.22       | 3.88    | ppb   |
| Silver     | 107-1 | 0.26     | 0.23     | 0.22     | 0.23       | 8.57    | ppb   |
| Sodium     | 23-2  | 72843.17 | 73246.61 | 73811.51 | 73300.43   | 0.66    | ppb   |
| Strontium  | 86-1  | 1023.52  | 1001.01  | 1002.38  | 1008.97    | 1.25    | ppb   |
| Strontium  | 88-1  | 1031.32  | 1027.76  | 1033.02  | 1030.70    | 0.26    | ppb   |
| Sulfur     | 34-1  | 45319.02 | 44536.56 | 44554.54 | 44803.37   | 1.00    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.11     | 0.12     | 0.11     | 0.12       | 5.37    | ppb   |
| Thallium   | 205-1 | 0.13     | 0.12     | 0.11     | 0.12       | 8.40    | ppb   |
| Tin        | 118-1 | 1.69     | 1.75     | 1.84     | 1.76       | 4.23    | ppb   |
| Titanium   | 47-1  | 1.17     | 1.25     | 1.09     | 1.17       | 6.96    | ppb   |
| Uranium    | 238-1 | 2.76     | 2.69     | 2.71     | 2.72       | 1.32    | ppb   |
| Vanadium   | 51-2  | 2.19     | 2.12     | 2.10     | 2.14       | 2.35    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 86         |         | %     |
| Zinc       | 66-2  | 2.79     | 2.55     | 2.52     | 2.62       | 5.71    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW144-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:14:32 | DataFile Name :   | 064SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.09    | 0.12    | 0.06    | 0.09       | 37.66   | ppb   |
| Zirconium | 91-1 | 0.09    | 0.13    | 0.08    | 0.10       | 25.56   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.35      | 3.27      | 2.94      | 3.19       | 6.77    | ppb   |
| Antimony   | 121-1 | 0.90      | 0.93      | 0.98      | 0.94       | 4.55    | ppb   |
| Arsenic    | 75-2  | 3.80      | 3.53      | 3.59      | 3.64       | 3.96    | ppb   |
| Barium     | 135-1 | 156.03    | 159.27    | 158.68    | 157.99     | 1.09    | ppb   |
| Barium     | 137-1 | 157.26    | 157.66    | 159.41    | 158.11     | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.07      | 0.10      | 0.09      | 0.09       | 17.08   | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 437.35    | 446.56    | 450.81    | 444.91     | 1.55    | ppb   |
| Boron      | 11-1  | 471.81    | 476.44    | 481.72    | 476.66     | 1.04    | ppb   |
| Cadmium    | 111-1 | -0.07     | -0.07     | -0.05     | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -2.11     | -1.89     | -1.40     | -1.80      |         | ppb   |
| Cadmium    | 108-1 | -0.03     | -0.05     | 0.02      | -0.02      |         | ppb   |
| Calcium    | 43-1  | 190310.02 | 192267.27 | 191975.23 | 191517.51  | 0.55    | ppb   |
| Calcium    | 44-1  | 191097.85 | 193012.45 | 194361.08 | 192823.79  | 0.85    | ppb   |
| Chromium   | 52-2  | 2.54      | 2.64      | 2.73      | 2.64       | 3.51    | ppb   |
| Cobalt     | 59-2  | 1.71      | 1.74      | 1.74      | 1.73       | 0.82    | ppb   |
| Copper     | 63-2  | 3.90      | 3.82      | 3.85      | 3.86       | 1.04    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 1932.54   | 1936.36   | 1932.04   | 1933.64    | 0.12    | ppb   |
| Iron       | 57-2  | 2209.53   | 2222.11   | 2232.52   | 2221.39    | 0.52    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.19      | 0.20      | 0.22      | 0.20       | 6.07    | ppb   |
| Lead       | 207-1 | 0.18      | 0.21      | 0.20      | 0.20       | 6.52    | ppb   |
| Lead       | 208-1 | 0.20      | 0.20      | 0.20      | 0.20       | 2.46    | ppb   |
| Lithium    | 6-1   |           |           |           | 64         |         | %     |
| Magnesium  | 24-2  | 25988.72  | 26109.59  | 25987.45  | 26028.59   | 0.27    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 799.77   | 797.69   | 803.76   | 800.41     | 0.38    | ppb   |
| Molybdenum | 94-1  | 0.90     | 0.84     | 0.89     | 0.88       | 3.78    | ppb   |
| Molybdenum | 95-1  | 1.21     | 1.25     | 1.17     | 1.21       | 3.37    | ppb   |
| Molybdenum | 96-1  | 1.20     | 1.19     | 1.14     | 1.18       | 2.81    | ppb   |
| Molybdenum | 97-1  | 1.15     | 1.15     | 1.23     | 1.18       | 4.05    | ppb   |
| Molybdenum | 98-1  | 1.07     | 1.19     | 1.22     | 1.16       | 6.88    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.90     | 4.10     | 3.96     | 3.99       | 2.56    | ppb   |
| Phosphorus | 31-2  | -46.12   | -40.57   | -43.53   | -43.41     |         | ppb   |
| Potassium  | 39-2  | 6350.27  | 6364.79  | 6431.04  | 6382.04    | 0.67    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 80         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 5.99     | 4.72     | 4.72     | 5.15       | 14.20   | ppb   |
| Selenium   | 78-2  | 1.39     | 0.98     | 0.63     | 1.00       | 38.20   | ppb   |
| Selenium   | 82-1  | 2.77     | 2.16     | 2.27     | 2.40       | 13.50   | ppb   |
| Silicon    | 28-1  | 9190.83  | 9353.61  | 9423.84  | 9322.76    | 1.28    | ppb   |
| Silver     | 109-1 | 0.22     | 0.23     | 0.21     | 0.22       | 3.71    | ppb   |
| Silver     | 107-1 | 0.21     | 0.24     | 0.23     | 0.23       | 6.89    | ppb   |
| Sodium     | 23-2  | 76619.86 | 76490.97 | 76649.27 | 76586.70   | 0.11    | ppb   |
| Strontium  | 86-1  | 1038.87  | 1039.35  | 1052.96  | 1043.72    | 0.77    | ppb   |
| Strontium  | 88-1  | 1061.15  | 1062.62  | 1069.32  | 1064.36    | 0.41    | ppb   |
| Sulfur     | 34-1  | 46349.95 | 47148.88 | 47826.69 | 47108.51   | 1.57    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.07     | 0.08     | 0.08     | 0.08       | 7.23    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.09     | 0.08     | 0.08       | 5.32    | ppb   |
| Tin        | 118-1 | 1.57     | 1.61     | 1.64     | 1.61       | 2.28    | ppb   |
| Titanium   | 47-1  | 1.17     | 1.21     | 1.11     | 1.16       | 4.66    | ppb   |
| Uranium    | 238-1 | 2.79     | 2.82     | 2.81     | 2.81       | 0.52    | ppb   |
| Vanadium   | 51-2  | 2.17     | 2.06     | 2.11     | 2.11       | 2.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 85         |         | %     |
| Zinc       | 66-2  | 4.38     | 4.83     | 4.17     | 4.46       | 7.50    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.42    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.03    | 0.06    | 0.04       | 31.07   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.64      | 3.96      | 3.56      | 4.05       | 13.43   | ppb   |
| Antimony   | 121-1 | 0.83      | 0.87      | 0.87      | 0.86       | 2.54    | ppb   |
| Arsenic    | 75-2  | 1.74      | 1.85      | 1.71      | 1.76       | 4.03    | ppb   |
| Barium     | 135-1 | 115.10    | 114.45    | 114.82    | 114.79     | 0.28    | ppb   |
| Barium     | 137-1 | 115.01    | 115.79    | 114.61    | 115.14     | 0.52    | ppb   |
| Beryllium  | 9-1   | 0.06      | 0.10      | 0.09      | 0.08       | 20.96   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 447.88    | 452.01    | 458.05    | 452.65     | 1.13    | ppb   |
| Boron      | 11-1  | 471.36    | 481.47    | 482.96    | 478.60     | 1.32    | ppb   |
| Cadmium    | 111-1 | -0.09     | -0.04     | -0.07     | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -2.10     | -1.18     | -1.86     | -1.71      |         | ppb   |
| Cadmium    | 108-1 | -0.03     | 0.05      | -0.08     | -0.02      |         | ppb   |
| Calcium    | 43-1  | 180959.39 | 181671.49 | 182362.38 | 181664.42  | 0.39    | ppb   |
| Calcium    | 44-1  | 181453.70 | 182070.97 | 183719.65 | 182414.78  | 0.64    | ppb   |
| Chromium   | 52-2  | 0.66      | 0.71      | 0.67      | 0.68       | 4.06    | ppb   |
| Cobalt     | 59-2  | 0.75      | 0.75      | 0.79      | 0.76       | 3.30    | ppb   |
| Copper     | 63-2  | 4.84      | 4.73      | 4.80      | 4.79       | 1.18    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 500.99    | 501.83    | 504.08    | 502.30     | 0.32    | ppb   |
| Iron       | 57-2  | 790.50    | 795.26    | 785.95    | 790.57     | 0.59    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.28      | 0.31      | 0.30      | 0.30       | 4.47    | ppb   |
| Lead       | 207-1 | 0.30      | 0.29      | 0.28      | 0.29       | 4.02    | ppb   |
| Lead       | 208-1 | 0.30      | 0.30      | 0.30      | 0.30       | 0.41    | ppb   |
| Lithium    | 6-1   |           |           |           | 63         |         | %     |
| Magnesium  | 24-2  | 27276.47  | 27336.63  | 27446.09  | 27353.06   | 0.31    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 254.32   | 254.35   | 254.93   | 254.53     | 0.14    | ppb   |
| Molybdenum | 94-1  | 0.48     | 0.48     | 0.53     | 0.50       | 5.80    | ppb   |
| Molybdenum | 95-1  | 0.61     | 0.65     | 0.68     | 0.64       | 5.54    | ppb   |
| Molybdenum | 96-1  | 0.71     | 0.62     | 0.60     | 0.64       | 9.25    | ppb   |
| Molybdenum | 97-1  | 0.65     | 0.62     | 0.53     | 0.60       | 10.50   | ppb   |
| Molybdenum | 98-1  | 0.66     | 0.63     | 0.62     | 0.64       | 3.02    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.51     | 2.65     | 2.80     | 2.66       | 5.44    | ppb   |
| Phosphorus | 31-2  | -51.45   | -42.70   | -27.14   | -40.43     |         | ppb   |
| Potassium  | 39-2  | 6828.13  | 6760.26  | 6800.67  | 6796.35    | 0.50    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 78         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 4.73     | 2.60     | 3.91     | 3.75       | 28.63   | ppb   |
| Selenium   | 78-2  | 0.21     | -0.41    | 0.53     | 0.11       | 437.41  | ppb   |
| Selenium   | 82-1  | 1.97     | 1.90     | 2.27     | 2.05       | 9.60    | ppb   |
| Silicon    | 28-1  | 9941.36  | 10164.46 | 10078.82 | 10061.55   | 1.12    | ppb   |
| Silver     | 109-1 | 0.19     | 0.21     | 0.19     | 0.19       | 5.60    | ppb   |
| Silver     | 107-1 | 0.21     | 0.23     | 0.19     | 0.21       | 8.09    | ppb   |
| Sodium     | 23-2  | 71534.32 | 71498.03 | 71819.67 | 71617.34   | 0.25    | ppb   |
| Strontium  | 86-1  | 1093.49  | 1110.87  | 1106.18  | 1103.51    | 0.82    | ppb   |
| Strontium  | 88-1  | 1116.78  | 1147.61  | 1124.89  | 1129.76    | 1.41    | ppb   |
| Sulfur     | 34-1  | 43644.70 | 44524.96 | 44138.45 | 44102.70   | 1.00    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.56   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 4.32    | ppb   |
| Tin        | 118-1 | 1.37     | 1.44     | 1.47     | 1.42       | 3.45    | ppb   |
| Titanium   | 47-1  | 0.87     | 0.93     | 0.71     | 0.84       | 13.22   | ppb   |
| Uranium    | 238-1 | 3.22     | 3.20     | 3.22     | 3.21       | 0.25    | ppb   |
| Vanadium   | 51-2  | 1.01     | 0.98     | 0.98     | 0.99       | 1.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 36.02    | 35.28    | 35.02    | 35.44      | 1.47    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.02    | 0.03       | 11.36   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.04       | 14.29   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.17      | 3.35      | 3.74      | 3.09       | 26.53   | ppb   |
| Antimony   | 121-1 | 0.75      | 0.78      | 0.78      | 0.77       | 2.35    | ppb   |
| Arsenic    | 75-2  | 8.01      | 8.15      | 8.05      | 8.07       | 0.91    | ppb   |
| Barium     | 135-1 | 153.07    | 154.11    | 154.27    | 153.82     | 0.43    | ppb   |
| Barium     | 137-1 | 152.90    | 152.32    | 153.81    | 153.01     | 0.49    | ppb   |
| Beryllium  | 9-1   | 0.06      | 0.06      | 0.08      | 0.07       | 14.31   | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 460.23    | 467.60    | 481.60    | 469.81     | 2.31    | ppb   |
| Boron      | 11-1  | 490.13    | 494.97    | 500.02    | 495.04     | 1.00    | ppb   |
| Cadmium    | 111-1 | 0.00      | -0.14     | -0.13     | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.30     | -3.16     | -3.15     | -2.53      |         | ppb   |
| Cadmium    | 108-1 | 0.08      | 0.10      | 0.13      | 0.10       | 25.36   | ppb   |
| Calcium    | 43-1  | 176068.75 | 175430.39 | 176636.14 | 176045.09  | 0.34    | ppb   |
| Calcium    | 44-1  | 177082.12 | 177306.62 | 178241.96 | 177543.57  | 0.35    | ppb   |
| Chromium   | 52-2  | 3.33      | 3.29      | 3.07      | 3.23       | 4.30    | ppb   |
| Cobalt     | 59-2  | 1.74      | 1.67      | 1.66      | 1.69       | 2.70    | ppb   |
| Copper     | 63-2  | 3.46      | 3.42      | 3.37      | 3.42       | 1.29    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 4517.88   | 4482.08   | 4434.46   | 4478.14    | 0.93    | ppb   |
| Iron       | 57-2  | 4653.87   | 4625.53   | 4608.98   | 4629.46    | 0.49    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.15      | 0.16      | 0.15      | 0.16       | 2.29    | ppb   |
| Lead       | 207-1 | 0.17      | 0.14      | 0.14      | 0.15       | 11.59   | ppb   |
| Lead       | 208-1 | 0.16      | 0.14      | 0.16      | 0.15       | 6.24    | ppb   |
| Lithium    | 6-1   |           |           |           | 62         |         | %     |
| Magnesium  | 24-2  | 25678.36  | 25622.34  | 25359.62  | 25553.44   | 0.67    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 899.40   | 902.78   | 890.72   | 897.63     | 0.69    | ppb   |
| Molybdenum | 94-1  | 0.94     | 0.84     | 0.90     | 0.90       | 5.79    | ppb   |
| Molybdenum | 95-1  | 1.17     | 1.10     | 1.13     | 1.13       | 3.18    | ppb   |
| Molybdenum | 96-1  | 1.07     | 1.03     | 1.21     | 1.11       | 8.45    | ppb   |
| Molybdenum | 97-1  | 1.16     | 1.13     | 1.09     | 1.13       | 2.95    | ppb   |
| Molybdenum | 98-1  | 1.18     | 1.16     | 1.03     | 1.12       | 7.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.85     | 3.86     | 3.72     | 3.81       | 1.99    | ppb   |
| Phosphorus | 31-2  | -36.15   | -53.59   | -37.87   | -42.54     |         | ppb   |
| Potassium  | 39-2  | 3866.90  | 3867.54  | 3815.96  | 3850.13    | 0.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 77         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 4.41     | 6.10     | 3.46     | 4.66       | 28.69   | ppb   |
| Selenium   | 78-2  | 0.88     | -0.04    | 1.09     | 0.64       | 92.76   | ppb   |
| Selenium   | 82-1  | 2.12     | 1.77     | 2.98     | 2.29       | 27.09   | ppb   |
| Silicon    | 28-1  | 9120.10  | 9223.63  | 9184.02  | 9175.92    | 0.57    | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.15     | 0.16       | 7.09    | ppb   |
| Silver     | 107-1 | 0.16     | 0.18     | 0.16     | 0.17       | 5.35    | ppb   |
| Sodium     | 23-2  | 80596.00 | 80295.63 | 79179.10 | 80023.58   | 0.93    | ppb   |
| Strontium  | 86-1  | 971.29   | 965.03   | 977.42   | 971.25     | 0.64    | ppb   |
| Strontium  | 88-1  | 998.15   | 997.53   | 999.03   | 998.24     | 0.08    | ppb   |
| Sulfur     | 34-1  | 43901.58 | 43631.77 | 43536.90 | 43690.08   | 0.43    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 26.24   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.01       | 43.34   | ppb   |
| Tin        | 118-1 | 1.22     | 1.18     | 1.23     | 1.21       | 2.26    | ppb   |
| Titanium   | 47-1  | 1.05     | 0.89     | 1.32     | 1.09       | 20.04   | ppb   |
| Uranium    | 238-1 | 2.42     | 2.32     | 2.32     | 2.35       | 2.37    | ppb   |
| Vanadium   | 51-2  | 1.38     | 1.37     | 1.31     | 1.35       | 2.71    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 2.65     | 2.40     | 2.44     | 2.50       | 5.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.05    | 0.09    | 0.06       | 28.15   | ppb   |
| Zirconium | 91-1 | 0.09    | 0.06    | 0.12    | 0.09       | 34.31   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48190.09  | 47743.77  | 47985.75  | 47973.20   | 0.47    | ppb   |
| Antimony   | 121-1 | 467.52    | 470.91    | 471.81    | 470.08     | 0.48    | ppb   |
| Arsenic    | 75-2  | 491.59    | 495.61    | 498.52    | 495.24     | 0.70    | ppb   |
| Barium     | 135-1 | 2393.24   | 2400.03   | 2411.20   | 2401.49    | 0.38    | ppb   |
| Barium     | 137-1 | 2419.69   | 2405.14   | 2425.07   | 2416.63    | 0.43    | ppb   |
| Beryllium  | 9-1   | 524.39    | 518.13    | 524.50    | 522.34     | 0.70    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 545.00    | 553.27    | 566.25    | 554.84     | 1.93    | ppb   |
| Boron      | 11-1  | 560.29    | 573.60    | 576.03    | 569.97     | 1.49    | ppb   |
| Cadmium    | 111-1 | 457.72    | 452.96    | 458.05    | 456.24     | 0.63    | ppb   |
| Cadmium    | 106-1 | 454.71    | 450.79    | 455.37    | 453.63     | 0.55    | ppb   |
| Cadmium    | 108-1 | 456.29    | 459.97    | 462.81    | 459.69     | 0.71    | ppb   |
| Calcium    | 43-1  | 229401.02 | 229596.96 | 229721.18 | 229573.05  | 0.07    | ppb   |
| Calcium    | 44-1  | 230160.41 | 230981.41 | 230458.28 | 230533.37  | 0.18    | ppb   |
| Chromium   | 52-2  | 510.92    | 507.51    | 506.95    | 508.46     | 0.42    | ppb   |
| Cobalt     | 59-2  | 490.33    | 489.23    | 487.69    | 489.08     | 0.27    | ppb   |
| Copper     | 63-2  | 992.77    | 978.34    | 978.45    | 983.19     | 0.84    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 125752.70 | 124086.47 | 124192.08 | 124677.08  | 0.75    | ppb   |
| Iron       | 57-2  | 125715.23 | 124957.54 | 123993.27 | 124888.68  | 0.69    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 484.99    | 490.96    | 489.29    | 488.42     | 0.63    | ppb   |
| Lead       | 207-1 | 482.64    | 486.08    | 488.90    | 485.87     | 0.65    | ppb   |
| Lead       | 208-1 | 490.44    | 493.96    | 496.47    | 493.62     | 0.61    | ppb   |
| Lithium    | 6-1   |           |           |           | 70         |         | %     |
| Magnesium  | 24-2  | 240544.22 | 238961.06 | 239532.39 | 239679.22  | 0.33    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 949.40    | 939.71    | 947.00    | 945.37     | 0.53    | ppb   |
| Molybdenum | 94-1  | 2475.69   | 2473.57   | 2505.36   | 2484.87    | 0.72    | ppb   |
| Molybdenum | 95-1  | 2482.31   | 2478.52   | 2492.36   | 2484.40    | 0.29    | ppb   |
| Molybdenum | 96-1  | 2487.60   | 2459.03   | 2473.23   | 2473.29    | 0.58    | ppb   |
| Molybdenum | 97-1  | 2477.27   | 2475.51   | 2474.15   | 2475.64    | 0.06    | ppb   |
| Molybdenum | 98-1  | 2490.13   | 2471.05   | 2486.02   | 2482.40    | 0.40    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 502.31    | 493.31    | 495.17    | 496.93     | 0.96    | ppb   |
| Phosphorus | 31-2  | 9527.25   | 9466.85   | 9491.67   | 9495.26    | 0.32    | ppb   |
| Potassium  | 39-2  | 117657.96 | 117974.91 | 117414.11 | 117682.33  | 0.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 456.93    | 473.33    | 494.18    | 474.81     | 3.93    | ppb   |
| Selenium   | 78-2  | 466.01    | 465.50    | 455.71    | 462.41     | 1.25    | ppb   |
| Selenium   | 82-1  | 464.11    | 468.71    | 467.27    | 466.69     | 0.50    | ppb   |
| Silicon    | 28-1  | 527.69    | 535.63    | 544.90    | 536.07     | 1.61    | ppb   |
| Silver     | 109-1 | 455.36    | 454.94    | 461.50    | 457.27     | 0.80    | ppb   |
| Silver     | 107-1 | 454.82    | 454.91    | 460.72    | 456.82     | 0.74    | ppb   |
| Sodium     | 23-2  | 249389.90 | 246948.84 | 245341.71 | 247226.82  | 0.82    | ppb   |
| Strontium  | 86-1  | 488.99    | 493.13    | 496.71    | 492.94     | 0.78    | ppb   |
| Strontium  | 88-1  | 503.04    | 503.39    | 505.83    | 504.09     | 0.30    | ppb   |
| Sulfur     | 34-1  | 8584.89   | 8668.73   | 8775.98   | 8676.53    | 1.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 486.37    | 491.54    | 494.78    | 490.90     | 0.86    | ppb   |
| Thallium   | 205-1 | 494.79    | 497.74    | 497.54    | 496.69     | 0.33    | ppb   |
| Tin        | 118-1 | 472.37    | 476.92    | 476.88    | 475.39     | 0.55    | ppb   |
| Titanium   | 47-1  | 2431.62   | 2436.71   | 2425.27   | 2431.20    | 0.24    | ppb   |
| Uranium    | 238-1 | 505.37    | 506.81    | 510.22    | 507.47     | 0.49    | ppb   |
| Vanadium   | 51-2  | 500.06    | 494.84    | 496.99    | 497.30     | 0.53    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 929.68    | 920.24    | 929.35    | 926.42     | 0.58    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 491.58  | 491.72  | 494.09  | 492.46     | 0.29    | ppb   |
| Zirconium | 91-1 | 484.82  | 482.00  | 483.92  | 483.58     | 0.30    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCB92 Instrumnet Name : P7  
 Client Sample ID : CCB92 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:35:48 DataFile Name : 069CCBE\_P7042318- M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.16   | -0.24   | -0.08   | -0.16      |         | ppb   |
| Antimony   | 121-1 | 0.13    | 0.21    | 0.26    | 0.20       | 33.21   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.02    | 0.02    | 0.02       | 10.36   | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.02    | 0.01       | 158.44  | ppb   |
| Barium     | 137-1 | 0.00    | 0.02    | 0.02    | 0.01       | 80.43   | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.09    | 0.07    | 0.08       | 15.24   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 11.16   | 11.44   | 12.29   | 11.63      | 5.09    | ppb   |
| Boron      | 11-1  | 11.38   | 10.99   | 10.60   | 10.99      | 3.54    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.16   | -0.10   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.66   | -3.18   | -2.09   | -2.31      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | -0.03   | 0.01       | 309.94  | ppb   |
| Calcium    | 43-1  | -2.18   | -1.45   | 2.04    | -0.53      |         | ppb   |
| Calcium    | 44-1  | 1.23    | 1.31    | 0.26    | 0.93       | 62.51   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.02    | 0.04       | 32.89   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 0.26    | 0.25    | 0.24    | 0.25       | 2.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | -0.27   | -0.10   | -0.21   | -0.19      |         | ppb   |
| Iron       | 57-2  | -0.31   | -0.48   | -0.86   | -0.55      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.12    | 0.13    | 0.13    | 0.13       | 6.35    | ppb   |
| Lead       | 207-1 | 0.14    | 0.14    | 0.12    | 0.13       | 8.94    | ppb   |
| Lead       | 208-1 | 0.13    | 0.14    | 0.14    | 0.13       | 5.12    | ppb   |
| Lithium    | 6-1   |         |         |         | 75         |         | %     |
| Magnesium  | 24-2  | 1.67    | 2.23    | 2.18    | 2.03       | 15.50   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:35:48 | DataFile Name :   | 069CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.02   | -0.03   | -0.04    | -0.03      |         | ppb   |
| Molybdenum | 94-1  | 0.12    | 0.13    | 0.13     | 0.13       | 4.41    | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.17    | 0.18     | 0.17       | 7.76    | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.13    | 0.11     | 0.12       | 7.16    | ppb   |
| Molybdenum | 97-1  | 0.15    | 0.17    | 0.12     | 0.15       | 19.34   | ppb   |
| Molybdenum | 98-1  | 0.15    | 0.19    | 0.16     | 0.17       | 11.61   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | 0.00     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -37.24  | -28.07  | -39.53   | -34.95     |         | ppb   |
| Potassium  | 39-2  | 12.16   | 12.84   | 10.32    | 11.78      | 11.08   | ppb   |
| Rhodium    | 103-1 |         |         |          | 100        |         | %     |
| Rhodium    | 103-2 |         |         |          | 98         |         | %     |
| Scandium   | 45-1  |         |         |          | 89         |         | %     |
| Scandium   | 45-2  |         |         |          | 89         |         | %     |
| Selenium   | 77-2  | 0.80    | 0.40    | 0.00     | 0.40       | 99.90   | ppb   |
| Selenium   | 78-2  | 0.41    | 0.36    | 0.38     | 0.39       | 6.48    | ppb   |
| Selenium   | 82-1  | 0.07    | 0.28    | 0.40     | 0.25       | 66.73   | ppb   |
| Silicon    | 28-1  | -11.49  | -10.65  | -11.69   | -11.28     |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.04    | 0.04     | 0.04       | 20.46   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.05     | 0.05       | 10.90   | ppb   |
| Sodium     | 23-2  | 32.33   | 36.49   | 33.97    | 34.26      | 6.12    | ppb   |
| Strontium  | 86-1  | -0.04   | 0.02    | -0.07    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00     | 0.00       | 30.65   | ppb   |
| Sulfur     | 34-1  | -903.92 | -872.51 | -1025.30 | -933.91    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 106        |         | %     |
| Terbium    | 159-2 |         |         |          | 97         |         | %     |
| Thallium   | 203-1 | 0.09    | 0.08    | 0.08     | 0.09       | 0.84    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.09    | 0.08     | 0.08       | 8.14    | ppb   |
| Tin        | 118-1 | 0.01    | 0.04    | 0.04     | 0.03       | 54.11   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.09    | 0.03     | 0.06       | 57.64   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00     | 0.00       | 153.20  | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.01     | 0.02       | 17.61   | ppb   |
| Yttrium    | 89-1  |         |         |          | 100        |         | %     |
| Yttrium    | 89-2  |         |         |          | 91         |         | %     |
| Zinc       | 66-2  | -0.34   | -0.32   | -0.23    | -0.29      |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:35:48 | DataFile Name :   | 069CCBE_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.01    | 0.01    | 0.01       | 142.22  | ppb   |
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.14   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.51      | 3.11      | 4.32      | 3.65       | 16.95   | ppb   |
| Antimony   | 121-1 | 0.92      | 1.07      | 1.17      | 1.05       | 11.79   | ppb   |
| Arsenic    | 75-2  | 25.39     | 25.40     | 24.93     | 25.24      | 1.05    | ppb   |
| Barium     | 135-1 | 355.08    | 350.16    | 349.79    | 351.68     | 0.84    | ppb   |
| Barium     | 137-1 | 353.87    | 353.15    | 349.93    | 352.32     | 0.60    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.07      | 0.04      | 0.08       | 57.73   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 336.47    | 340.11    | 348.60    | 341.73     | 1.82    | ppb   |
| Boron      | 11-1  | 355.99    | 358.20    | 356.46    | 356.88     | 0.33    | ppb   |
| Cadmium    | 111-1 | -0.07     | -0.11     | -0.06     | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.00     | -2.61     | -1.80     | -2.14      |         | ppb   |
| Cadmium    | 108-1 | -0.03     | 0.10      | 0.15      | 0.07       | 122.45  | ppb   |
| Calcium    | 43-1  | 172837.04 | 172772.78 | 171720.82 | 172443.54  | 0.36    | ppb   |
| Calcium    | 44-1  | 173989.04 | 173979.34 | 174655.74 | 174208.04  | 0.22    | ppb   |
| Chromium   | 52-2  | 0.83      | 0.81      | 0.84      | 0.83       | 1.97    | ppb   |
| Cobalt     | 59-2  | 0.45      | 0.50      | 0.48      | 0.48       | 5.44    | ppb   |
| Copper     | 63-2  | 3.94      | 3.79      | 3.79      | 3.84       | 2.29    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 13912.31  | 13876.84  | 13888.11  | 13892.42   | 0.13    | ppb   |
| Iron       | 57-2  | 13815.16  | 13802.84  | 13936.30  | 13851.43   | 0.53    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.28      | 0.33      | 0.25      | 0.29       | 12.51   | ppb   |
| Lead       | 207-1 | 0.27      | 0.24      | 0.26      | 0.26       | 5.87    | ppb   |
| Lead       | 208-1 | 0.28      | 0.29      | 0.27      | 0.28       | 2.50    | ppb   |
| Lithium    | 6-1   |           |           |           | 69         |         | %     |
| Magnesium  | 24-2  | 20930.85  | 20935.00  | 20758.02  | 20874.63   | 0.48    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1024.59  | 1020.02  | 1027.22  | 1023.95    | 0.36    | ppb   |
| Molybdenum | 94-1  | 1.25     | 1.17     | 1.13     | 1.18       | 5.14    | ppb   |
| Molybdenum | 95-1  | 1.42     | 1.35     | 1.40     | 1.39       | 2.54    | ppb   |
| Molybdenum | 96-1  | 1.46     | 1.46     | 1.38     | 1.43       | 3.36    | ppb   |
| Molybdenum | 97-1  | 1.27     | 1.52     | 1.26     | 1.35       | 11.09   | ppb   |
| Molybdenum | 98-1  | 1.39     | 1.38     | 1.28     | 1.35       | 4.60    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.09     | 1.21     | 1.09     | 1.13       | 6.30    | ppb   |
| Phosphorus | 31-2  | 4.37     | 11.62    | -10.95   | 1.68       | 686.50  | ppb   |
| Potassium  | 39-2  | 7109.07  | 7142.39  | 7146.16  | 7132.54    | 0.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 79         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 3.03     | 2.61     | 2.58     | 2.74       | 9.08    | ppb   |
| Selenium   | 78-2  | -0.21    | 0.89     | 0.57     | 0.42       | 134.77  | ppb   |
| Selenium   | 82-1  | 1.57     | 1.12     | 1.09     | 1.26       | 21.08   | ppb   |
| Silicon    | 28-1  | 9322.36  | 9227.62  | 9244.62  | 9264.87    | 0.55    | ppb   |
| Silver     | 109-1 | 0.35     | 0.31     | 0.31     | 0.32       | 8.10    | ppb   |
| Silver     | 107-1 | 0.36     | 0.30     | 0.31     | 0.32       | 10.20   | ppb   |
| Sodium     | 23-2  | 48174.23 | 48187.18 | 48226.89 | 48196.10   | 0.06    | ppb   |
| Strontium  | 86-1  | 795.52   | 786.54   | 774.76   | 785.61     | 1.33    | ppb   |
| Strontium  | 88-1  | 806.49   | 808.95   | 793.16   | 802.87     | 1.06    | ppb   |
| Sulfur     | 34-1  | 37295.57 | 37234.31 | 37132.77 | 37220.88   | 0.22    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 0.63     | 0.38     | 0.25     | 0.42       | 45.47   | ppb   |
| Thallium   | 205-1 | 0.63     | 0.37     | 0.24     | 0.41       | 48.97   | ppb   |
| Tin        | 118-1 | 1.35     | 1.37     | 1.38     | 1.36       | 1.13    | ppb   |
| Titanium   | 47-1  | 0.84     | 0.79     | 0.79     | 0.81       | 3.20    | ppb   |
| Uranium    | 238-1 | 0.20     | 0.21     | 0.20     | 0.20       | 1.71    | ppb   |
| Vanadium   | 51-2  | 0.50     | 0.55     | 0.49     | 0.51       | 6.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 93         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 2.03     | 2.47     | 2.46     | 2.32       | 10.78   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.15    | 0.13    | 0.13    | 0.14       | 5.27    | ppb   |
| Zirconium | 91-1 | 0.14    | 0.14    | 0.12    | 0.14       | 8.44    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW001-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:42:55 | DataFile Name :   | 071SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.63      | 3.92      | 3.85      | 4.13       | 10.34   | ppb   |
| Antimony   | 121-1 | 0.69      | 0.70      | 0.77      | 0.72       | 5.70    | ppb   |
| Arsenic    | 75-2  | 0.58      | 0.61      | 0.59      | 0.59       | 2.33    | ppb   |
| Barium     | 135-1 | 120.84    | 122.28    | 121.29    | 121.47     | 0.60    | ppb   |
| Barium     | 137-1 | 122.10    | 120.62    | 122.35    | 121.69     | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.10      | 0.07      | 0.08      | 0.09       | 18.13   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 344.53    | 361.45    | 361.92    | 355.97     | 2.78    | ppb   |
| Boron      | 11-1  | 366.67    | 375.66    | 384.09    | 375.48     | 2.32    | ppb   |
| Cadmium    | 111-1 | -0.07     | -0.10     | -0.07     | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.32     | -2.57     | -2.40     | -2.43      |         | ppb   |
| Cadmium    | 108-1 | 0.03      | 0.02      | -0.05     | 0.00       |         | ppb   |
| Calcium    | 43-1  | 124713.76 | 125736.54 | 125186.22 | 125212.17  | 0.41    | ppb   |
| Calcium    | 44-1  | 126270.01 | 126188.93 | 126495.50 | 126318.15  | 0.13    | ppb   |
| Chromium   | 52-2  | 1.13      | 1.19      | 1.19      | 1.17       | 2.92    | ppb   |
| Cobalt     | 59-2  | 0.04      | 0.03      | 0.03      | 0.03       | 18.64   | ppb   |
| Copper     | 63-2  | 3.43      | 3.57      | 3.34      | 3.45       | 3.43    | 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 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 21.90     | 21.95     | 21.65     | 21.83      | 0.74    | ppb   |
| Iron       | 57-2  | 207.20    | 220.85    | 227.71    | 218.59     | 4.78    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.22      | 0.23      | 0.20      | 0.21       | 7.72    | ppb   |
| Lead       | 207-1 | 0.20      | 0.21      | 0.19      | 0.20       | 6.30    | ppb   |
| Lead       | 208-1 | 0.21      | 0.22      | 0.20      | 0.21       | 3.04    | ppb   |
| Lithium    | 6-1   |           |           |           | 62         |         | %     |
| Magnesium  | 24-2  | 25974.38  | 25885.12  | 25896.78  | 25918.76   | 0.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW001-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:42:55 | DataFile Name :   | 071SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.54     | 0.54     | 0.54     | 0.54       | 0.53    | ppb   |
| Molybdenum | 94-1  | 0.79     | 0.71     | 0.83     | 0.78       | 8.02    | ppb   |
| Molybdenum | 95-1  | 0.85     | 0.91     | 0.92     | 0.89       | 4.65    | ppb   |
| Molybdenum | 96-1  | 0.91     | 0.89     | 0.86     | 0.89       | 3.29    | ppb   |
| Molybdenum | 97-1  | 0.89     | 0.84     | 0.95     | 0.90       | 6.09    | ppb   |
| Molybdenum | 98-1  | 0.94     | 0.96     | 0.96     | 0.96       | 1.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.60     | 0.63     | 0.60     | 0.61       | 2.21    | ppb   |
| Phosphorus | 31-2  | -37.15   | -38.57   | -16.39   | -30.71     |         | ppb   |
| Potassium  | 39-2  | 1476.76  | 1486.07  | 1482.07  | 1481.63    | 0.32    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 78         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 3.39     | 3.81     | 1.70     | 2.97       | 37.51   | ppb   |
| Selenium   | 78-2  | 2.12     | 2.31     | 3.00     | 2.48       | 18.54   | ppb   |
| Selenium   | 82-1  | 3.62     | 2.46     | 3.25     | 3.11       | 19.09   | ppb   |
| Silicon    | 28-1  | 7955.60  | 7948.97  | 7989.85  | 7964.81    | 0.28    | ppb   |
| Silver     | 109-1 | 0.29     | 0.23     | 0.21     | 0.25       | 16.65   | ppb   |
| Silver     | 107-1 | 0.24     | 0.25     | 0.22     | 0.23       | 6.99    | ppb   |
| Sodium     | 23-2  | 35539.67 | 35623.96 | 35618.45 | 35594.02   | 0.13    | ppb   |
| Strontium  | 86-1  | 893.66   | 886.69   | 884.16   | 888.17     | 0.55    | ppb   |
| Strontium  | 88-1  | 915.07   | 903.19   | 913.09   | 910.45     | 0.70    | ppb   |
| Sulfur     | 34-1  | 22395.31 | 22455.48 | 22660.98 | 22503.92   | 0.62    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 0.06     | 0.03     | 0.03     | 0.04       | 41.77   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05     | 0.03     | 0.04       | 27.72   | ppb   |
| Tin        | 118-1 | 1.25     | 1.37     | 1.31     | 1.31       | 4.50    | ppb   |
| Titanium   | 47-1  | 0.92     | 0.87     | 0.64     | 0.81       | 18.57   | ppb   |
| Uranium    | 238-1 | 3.85     | 3.86     | 3.91     | 3.87       | 0.77    | ppb   |
| Vanadium   | 51-2  | 2.25     | 2.29     | 2.26     | 2.27       | 0.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 93         |         | %     |
| Yttrium    | 89-2  |          |          |          | 86         |         | %     |
| Zinc       | 66-2  | 2.37     | 2.10     | 2.27     | 2.25       | 6.20    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW001-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:42:55 | DataFile Name :   | 071SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.06    | 0.07       | 9.51    | ppb   |
| Zirconium | 91-1 | 0.07    | 0.10    | 0.04    | 0.07       | 40.44   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 3766.73   | 3798.53   | 3740.69   | 3768.65    | 0.77    | ppb   |
| Antimony   | 121-1 | 0.91      | 0.91      | 0.95      | 0.92       | 2.35    | ppb   |
| Arsenic    | 75-2  | 7.02      | 6.78      | 6.80      | 6.87       | 1.95    | ppb   |
| Barium     | 135-1 | 195.31    | 194.06    | 197.35    | 195.57     | 0.85    | ppb   |
| Barium     | 137-1 | 194.14    | 196.67    | 196.10    | 195.64     | 0.68    | ppb   |
| Beryllium  | 9-1   | 0.61      | 0.67      | 0.62      | 0.63       | 4.60    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 79.68     | 83.89     | 83.40     | 82.32      | 2.80    | ppb   |
| Boron      | 11-1  | 86.57     | 85.68     | 85.59     | 85.95      | 0.63    | ppb   |
| Cadmium    | 111-1 | 0.46      | 0.49      | 0.40      | 0.45       | 9.79    | ppb   |
| Cadmium    | 106-1 | -0.64     | -0.15     | -1.25     | -0.68      |         | ppb   |
| Cadmium    | 108-1 | 0.77      | 0.86      | 0.78      | 0.80       | 6.22    | ppb   |
| Calcium    | 43-1  | 148091.62 | 145262.12 | 146776.47 | 146710.07  | 0.97    | ppb   |
| Calcium    | 44-1  | 148177.37 | 146711.07 | 148155.00 | 147681.15  | 0.57    | ppb   |
| Chromium   | 52-2  | 1628.87   | 1644.09   | 1654.97   | 1642.64    | 0.80    | ppb   |
| Cobalt     | 59-2  | 9.39      | 9.31      | 9.30      | 9.33       | 0.49    | ppb   |
| Copper     | 63-2  | 100.52    | 101.03    | 101.62    | 101.06     | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 6703.37   | 6630.54   | 6651.26   | 6661.73    | 0.56    | ppb   |
| Iron       | 57-2  | 6736.79   | 6720.41   | 6751.44   | 6736.21    | 0.23    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 10.52     | 10.53     | 10.58     | 10.55      | 0.32    | ppb   |
| Lead       | 207-1 | 9.60      | 9.62      | 9.62      | 9.61       | 0.14    | ppb   |
| Lead       | 208-1 | 10.09     | 10.04     | 10.06     | 10.06      | 0.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 59         |         | %     |
| Magnesium  | 24-2  | 7094.69   | 7188.84   | 7087.83   | 7123.79    | 0.79    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 112.91   | 113.91   | 114.62   | 113.81     | 0.76    | ppb   |
| Molybdenum | 94-1  | 4.27     | 4.50     | 4.38     | 4.38       | 2.68    | ppb   |
| Molybdenum | 95-1  | 5.09     | 5.21     | 5.05     | 5.12       | 1.68    | ppb   |
| Molybdenum | 96-1  | 5.01     | 4.97     | 4.99     | 4.99       | 0.40    | ppb   |
| Molybdenum | 97-1  | 5.07     | 5.02     | 5.30     | 5.13       | 2.90    | ppb   |
| Molybdenum | 98-1  | 5.14     | 5.12     | 5.12     | 5.13       | 0.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 120.96   | 121.45   | 120.84   | 121.09     | 0.27    | ppb   |
| Phosphorus | 31-2  | 346.47   | 308.50   | 351.21   | 335.39     | 6.98    | ppb   |
| Potassium  | 39-2  | 4637.13  | 4626.38  | 4639.99  | 4634.50    | 0.15    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 78         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 4.24     | 5.47     | 5.47     | 5.06       | 14.08   | ppb   |
| Selenium   | 78-2  | 0.15     | 0.61     | 1.66     | 0.81       | 95.64   | ppb   |
| Selenium   | 82-1  | 0.69     | 1.72     | 0.84     | 1.08       | 51.39   | ppb   |
| Silicon    | 28-1  | 12261.46 | 11915.70 | 11950.90 | 12042.69   | 1.58    | ppb   |
| Silver     | 109-1 | 0.39     | 0.42     | 0.39     | 0.40       | 4.19    | ppb   |
| Silver     | 107-1 | 0.41     | 0.39     | 0.39     | 0.40       | 3.28    | ppb   |
| Sodium     | 23-2  | 1759.55  | 1795.27  | 1784.94  | 1779.92    | 1.03    | ppb   |
| Strontium  | 86-1  | 369.28   | 365.10   | 364.94   | 366.44     | 0.67    | ppb   |
| Strontium  | 88-1  | 380.23   | 373.90   | 381.04   | 378.39     | 1.03    | ppb   |
| Sulfur     | 34-1  | 441.59   | 102.54   | -264.45  | 93.23      | 378.77  | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.08     | 0.08     | 0.06     | 0.07       | 18.81   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.07     | 0.06     | 0.07       | 4.98    | ppb   |
| Tin        | 118-1 | 3.31     | 3.43     | 3.41     | 3.38       | 1.88    | ppb   |
| Titanium   | 47-1  | 40.02    | 41.42    | 41.34    | 40.93      | 1.92    | ppb   |
| Uranium    | 238-1 | 3.23     | 3.15     | 3.19     | 3.19       | 1.25    | ppb   |
| Vanadium   | 51-2  | 18.41    | 18.54    | 18.75    | 18.57      | 0.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 422.89   | 423.83   | 427.15   | 424.62     | 0.53    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.53    | 0.53    | 0.87    | 0.64       | 30.20   | ppb   |
| Zirconium | 91-1 | 0.54    | 0.56    | 0.56    | 0.55       | 2.40    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-11 Instrumnet Name : P7  
 Client Sample ID : LF012MW008-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:50:01 DataFile Name : 073SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 18.55     | 16.24     | 17.77     | 17.52      | 6.70    | ppb   |
| Antimony   | 121-1 | 0.88      | 0.84      | 0.94      | 0.89       | 5.56    | ppb   |
| Arsenic    | 75-2  | 1.94      | 1.91      | 1.83      | 1.89       | 3.07    | ppb   |
| Barium     | 135-1 | 161.63    | 160.89    | 159.25    | 160.59     | 0.76    | ppb   |
| Barium     | 137-1 | 161.94    | 160.81    | 159.59    | 160.78     | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.06      | -0.01     | 0.06      | 0.04       | 101.79  | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 526.07    | 525.08    | 529.08    | 526.75     | 0.40    | ppb   |
| Boron      | 11-1  | 562.15    | 566.09    | 575.85    | 568.03     | 1.24    | ppb   |
| Cadmium    | 111-1 | -0.13     | -0.10     | -0.18     | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.75     | -2.59     | -3.75     | -3.03      |         | ppb   |
| Cadmium    | 108-1 | -0.05     | -0.08     | 0.00      | -0.04      |         | ppb   |
| Calcium    | 43-1  | 238418.32 | 236293.93 | 234511.75 | 236408.00  | 0.83    | ppb   |
| Calcium    | 44-1  | 238696.17 | 236266.49 | 235890.05 | 236950.90  | 0.64    | ppb   |
| Chromium   | 52-2  | 3.45      | 3.57      | 3.42      | 3.48       | 2.37    | ppb   |
| Cobalt     | 59-2  | 0.65      | 0.68      | 0.70      | 0.68       | 4.10    | ppb   |
| Copper     | 63-2  | 4.71      | 4.81      | 4.79      | 4.77       | 1.13    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 241.07    | 243.04    | 239.94    | 241.35     | 0.65    | ppb   |
| Iron       | 57-2  | 598.74    | 612.25    | 602.45    | 604.48     | 1.16    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.97      | 0.97      | 0.94      | 0.96       | 1.98    | ppb   |
| Lead       | 207-1 | 0.87      | 0.91      | 0.81      | 0.87       | 5.75    | ppb   |
| Lead       | 208-1 | 0.89      | 0.89      | 0.89      | 0.89       | 0.32    | ppb   |
| Lithium    | 6-1   |           |           |           | 59         |         | %     |
| Magnesium  | 24-2  | 44484.03  | 44657.46  | 44400.31  | 44513.93   | 0.29    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:50:01 | DataFile Name :   | 073SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 27.08     | 27.54     | 26.58     | 27.07      | 1.77    | ppb   |
| Molybdenum | 94-1  | 0.90      | 0.86      | 0.94      | 0.90       | 4.68    | ppb   |
| Molybdenum | 95-1  | 1.04      | 0.94      | 1.09      | 1.03       | 7.59    | ppb   |
| Molybdenum | 96-1  | 0.95      | 1.01      | 0.88      | 0.94       | 6.75    | ppb   |
| Molybdenum | 97-1  | 0.99      | 0.99      | 0.97      | 0.98       | 1.39    | ppb   |
| Molybdenum | 98-1  | 0.97      | 1.03      | 1.01      | 1.00       | 3.32    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 29.37     | 29.91     | 29.49     | 29.59      | 0.95    | ppb   |
| Phosphorus | 31-2  | -41.55    | -27.96    | -23.59    | -31.03     |         | ppb   |
| Potassium  | 39-2  | 5086.77   | 5113.04   | 5080.67   | 5093.49    | 0.34    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 77         |         | %     |
| Scandium   | 45-2  |           |           |           | 83         |         | %     |
| Selenium   | 77-2  | 4.75      | 5.21      | 5.63      | 5.20       | 8.40    | ppb   |
| Selenium   | 78-2  | 1.80      | 1.24      | 0.73      | 1.26       | 42.41   | ppb   |
| Selenium   | 82-1  | 3.57      | 3.77      | 3.64      | 3.66       | 2.73    | ppb   |
| Silicon    | 28-1  | 9553.79   | 9372.50   | 9327.18   | 9417.82    | 1.27    | ppb   |
| Silver     | 109-1 | 0.19      | 0.18      | 0.17      | 0.18       | 6.39    | ppb   |
| Silver     | 107-1 | 0.19      | 0.17      | 0.18      | 0.18       | 5.13    | ppb   |
| Sodium     | 23-2  | 105101.90 | 105499.46 | 105109.89 | 105237.08  | 0.22    | ppb   |
| Strontium  | 86-1  | 1425.66   | 1416.28   | 1416.15   | 1419.36    | 0.38    | ppb   |
| Strontium  | 88-1  | 1449.64   | 1448.82   | 1447.63   | 1448.70    | 0.07    | ppb   |
| Sulfur     | 34-1  | 64400.68  | 63062.82  | 63048.09  | 63503.86   | 1.22    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | 0.00      | 0.00       | 79.44   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.01      | 0.01       | 30.24   | ppb   |
| Tin        | 118-1 | 1.50      | 1.55      | 1.71      | 1.59       | 7.09    | ppb   |
| Titanium   | 47-1  | 1.23      | 1.57      | 1.29      | 1.36       | 13.46   | ppb   |
| Uranium    | 238-1 | 4.25      | 4.18      | 4.14      | 4.19       | 1.27    | ppb   |
| Vanadium   | 51-2  | 1.13      | 1.17      | 1.19      | 1.16       | 2.62    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 84         |         | %     |
| Zinc       | 66-2  | 3.03      | 2.90      | 3.26      | 3.06       | 5.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:50:01 | DataFile Name :   | 073SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.11    | 0.12    | 0.10    | 0.11       | 10.94   | ppb   |
| Zirconium | 91-1 | 0.08    | 0.12    | 0.08    | 0.09       | 22.31   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:53:35 | DataFile Name :   | 074SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 6.24      | 5.82      | 6.51      | 6.19       | 5.59    | ppb   |
| Antimony   | 121-1 | 0.70      | 0.75      | 0.72      | 0.72       | 3.31    | ppb   |
| Arsenic    | 75-2  | 16.87     | 17.37     | 16.91     | 17.05      | 1.63    | ppb   |
| Barium     | 135-1 | 178.10    | 176.08    | 176.66    | 176.95     | 0.59    | ppb   |
| Barium     | 137-1 | 179.22    | 175.74    | 176.16    | 177.04     | 1.07    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.05      | 0.05      | 0.04       | 27.64   | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 531.94    | 554.74    | 551.60    | 546.09     | 2.26    | ppb   |
| Boron      | 11-1  | 569.58    | 571.64    | 597.09    | 579.44     | 2.64    | ppb   |
| Cadmium    | 111-1 | 0.07      | 0.02      | 0.11      | 0.06       | 71.39   | ppb   |
| Cadmium    | 106-1 | -2.77     | -3.06     | -1.85     | -2.56      |         | ppb   |
| Cadmium    | 108-1 | 0.08      | 0.13      | 0.28      | 0.16       | 65.02   | ppb   |
| Calcium    | 43-1  | 148197.26 | 148783.26 | 149056.31 | 148678.94  | 0.30    | ppb   |
| Calcium    | 44-1  | 150015.33 | 150397.08 | 150174.47 | 150195.63  | 0.13    | ppb   |
| Chromium   | 52-2  | 0.85      | 0.80      | 0.82      | 0.82       | 3.01    | ppb   |
| Cobalt     | 59-2  | 0.17      | 0.19      | 0.17      | 0.18       | 8.93    | ppb   |
| Copper     | 63-2  | 3.45      | 3.51      | 3.55      | 3.50       | 1.40    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 82         |         | %     |
| Iron       | 56-2  | 10679.42  | 10698.14  | 10813.14  | 10730.23   | 0.67    | ppb   |
| Iron       | 57-2  | 10599.41  | 10579.06  | 10717.77  | 10632.08   | 0.70    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.19      | 0.19      | 0.21      | 0.20       | 4.68    | ppb   |
| Lead       | 207-1 | 0.16      | 0.18      | 0.18      | 0.17       | 6.79    | ppb   |
| Lead       | 208-1 | 0.18      | 0.18      | 0.18      | 0.18       | 0.60    | ppb   |
| Lithium    | 6-1   |           |           |           | 60         |         | %     |
| Magnesium  | 24-2  | 32589.29  | 32592.94  | 32860.29  | 32680.84   | 0.48    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:53:35 | DataFile Name :   | 074SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 899.38    | 897.93    | 909.85    | 902.39     | 0.72    | ppb   |
| Molybdenum | 94-1  | 2.21      | 2.21      | 2.23      | 2.22       | 0.54    | ppb   |
| Molybdenum | 95-1  | 3.04      | 3.04      | 3.05      | 3.05       | 0.19    | ppb   |
| Molybdenum | 96-1  | 3.15      | 2.90      | 3.15      | 3.07       | 4.82    | ppb   |
| Molybdenum | 97-1  | 3.11      | 3.02      | 2.96      | 3.03       | 2.48    | ppb   |
| Molybdenum | 98-1  | 3.12      | 2.95      | 2.97      | 3.01       | 3.02    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.83      | 0.77      | 0.80      | 0.80       | 3.82    | ppb   |
| Phosphorus | 31-2  | -18.75    | -13.15    | -12.20    | -14.70     |         | ppb   |
| Potassium  | 39-2  | 4191.57   | 4202.05   | 4224.64   | 4206.09    | 0.40    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 76         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 2.66      | 2.19      | 5.38      | 3.41       | 50.43   | ppb   |
| Selenium   | 78-2  | 0.10      | -0.01     | 0.36      | 0.15       | 127.34  | ppb   |
| Selenium   | 82-1  | 0.62      | 1.39      | 2.03      | 1.34       | 52.58   | ppb   |
| Silicon    | 28-1  | 13404.28  | 13403.94  | 13295.97  | 13368.06   | 0.47    | ppb   |
| Silver     | 109-1 | 0.17      | 0.16      | 0.14      | 0.16       | 9.30    | ppb   |
| Silver     | 107-1 | 0.15      | 0.16      | 0.18      | 0.16       | 9.39    | ppb   |
| Sodium     | 23-2  | 104860.18 | 105156.99 | 106305.66 | 105440.95  | 0.72    | ppb   |
| Strontium  | 86-1  | 903.41    | 910.63    | 911.35    | 908.46     | 0.48    | ppb   |
| Strontium  | 88-1  | 935.42    | 941.32    | 943.56    | 940.10     | 0.45    | ppb   |
| Sulfur     | 34-1  | 45271.85  | 45036.75  | 44638.17  | 44982.25   | 0.71    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | 0.02      | 0.01       | 46.31   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.00      | 0.01      | 0.01       | 16.20   | ppb   |
| Tin        | 118-1 | 1.38      | 1.39      | 1.43      | 1.40       | 1.87    | ppb   |
| Titanium   | 47-1  | 1.25      | 1.22      | 1.28      | 1.25       | 2.25    | ppb   |
| Uranium    | 238-1 | 0.32      | 0.32      | 0.32      | 0.32       | 0.76    | ppb   |
| Vanadium   | 51-2  | 0.86      | 0.79      | 0.88      | 0.84       | 5.41    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 82         |         | %     |
| Zinc       | 66-2  | 4.17      | 3.79      | 3.88      | 3.95       | 5.07    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:53:35 | DataFile Name :   | 074SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.04    | 0.06    | 0.05       | 19.48   | ppb   |
| Zirconium | 91-1 | 0.09    | 0.06    | 0.06    | 0.07       | 24.78   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 181.69    | 186.32    | 179.12    | 182.37     | 2.00    | ppb   |
| Antimony   | 121-1 | 0.64      | 0.67      | 0.66      | 0.66       | 2.26    | ppb   |
| Arsenic    | 75-2  | 3.34      | 3.36      | 3.29      | 3.33       | 0.97    | ppb   |
| Barium     | 135-1 | 113.18    | 110.38    | 109.34    | 110.97     | 1.79    | ppb   |
| Barium     | 137-1 | 111.18    | 109.67    | 110.00    | 110.28     | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.09      | 0.07      | 0.03      | 0.06       | 49.66   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 475.43    | 480.30    | 498.24    | 484.66     | 2.48    | ppb   |
| Boron      | 11-1  | 519.07    | 520.72    | 523.95    | 521.25     | 0.48    | ppb   |
| Cadmium    | 111-1 | 0.34      | 0.37      | 0.41      | 0.37       | 8.39    | ppb   |
| Cadmium    | 106-1 | -2.09     | -2.83     | -2.62     | -2.52      |         | ppb   |
| Cadmium    | 108-1 | 0.59      | 0.56      | 0.53      | 0.56       | 5.02    | ppb   |
| Calcium    | 43-1  | 118529.13 | 117620.49 | 117342.58 | 117830.73  | 0.53    | ppb   |
| Calcium    | 44-1  | 119545.94 | 119371.35 | 118919.15 | 119278.81  | 0.27    | ppb   |
| Chromium   | 52-2  | 4.96      | 4.73      | 4.87      | 4.85       | 2.43    | ppb   |
| Cobalt     | 59-2  | 0.30      | 0.29      | 0.32      | 0.30       | 3.96    | ppb   |
| Copper     | 63-2  | 8.97      | 8.82      | 8.90      | 8.90       | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 1882.61   | 1860.99   | 1877.69   | 1873.76    | 0.60    | ppb   |
| Iron       | 57-2  | 2033.86   | 2034.21   | 2073.58   | 2047.22    | 1.12    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.51      | 0.56      | 0.50      | 0.52       | 5.43    | ppb   |
| Lead       | 207-1 | 0.50      | 0.46      | 0.47      | 0.48       | 4.37    | ppb   |
| Lead       | 208-1 | 0.51      | 0.51      | 0.49      | 0.50       | 1.84    | ppb   |
| Lithium    | 6-1   |           |           |           | 60         |         | %     |
| Magnesium  | 24-2  | 23752.97  | 23520.77  | 23627.33  | 23633.69   | 0.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 555.46    | 555.81    | 555.98    | 555.75     | 0.05    | ppb   |
| Molybdenum | 94-1  | 2.06      | 2.05      | 1.84      | 1.99       | 6.38    | ppb   |
| Molybdenum | 95-1  | 1.36      | 1.22      | 1.30      | 1.29       | 5.34    | ppb   |
| Molybdenum | 96-1  | 1.36      | 1.38      | 1.31      | 1.35       | 2.43    | ppb   |
| Molybdenum | 97-1  | 1.17      | 1.20      | 1.25      | 1.21       | 3.36    | ppb   |
| Molybdenum | 98-1  | 1.32      | 1.31      | 1.29      | 1.30       | 1.16    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.83      | 2.81      | 2.52      | 2.72       | 6.35    | ppb   |
| Phosphorus | 31-2  | 326.22    | 375.04    | 349.54    | 350.27     | 6.97    | ppb   |
| Potassium  | 39-2  | 6668.20   | 6670.17   | 6648.57   | 6662.31    | 0.18    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 76         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 3.13      | 5.34      | 4.36      | 4.27       | 25.91   | ppb   |
| Selenium   | 78-2  | 0.35      | -0.41     | 0.61      | 0.18       | 287.57  | ppb   |
| Selenium   | 82-1  | 1.26      | 3.06      | 2.49      | 2.27       | 40.42   | ppb   |
| Silicon    | 28-1  | 10471.29  | 10294.06  | 10285.66  | 10350.34   | 1.01    | ppb   |
| Silver     | 109-1 | 0.16      | 0.15      | 0.16      | 0.16       | 3.03    | ppb   |
| Silver     | 107-1 | 0.18      | 0.17      | 0.18      | 0.17       | 4.12    | ppb   |
| Sodium     | 23-2  | 105593.13 | 105301.15 | 105067.98 | 105320.75  | 0.25    | ppb   |
| Strontium  | 86-1  | 857.87    | 860.27    | 854.80    | 857.65     | 0.32    | ppb   |
| Strontium  | 88-1  | 880.19    | 882.81    | 874.42    | 879.14     | 0.49    | ppb   |
| Sulfur     | 34-1  | 49384.68  | 48414.80  | 48601.85  | 48800.44   | 1.05    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 91         |         | %     |
| Thallium   | 203-1 | 0.02      | 0.02      | 0.00      | 0.01       | 64.92   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.00      | 0.00       | 148.63  | ppb   |
| Tin        | 118-1 | 1.27      | 1.32      | 1.39      | 1.33       | 4.59    | ppb   |
| Titanium   | 47-1  | 4.18      | 4.33      | 5.05      | 4.52       | 10.31   | ppb   |
| Uranium    | 238-1 | 0.74      | 0.74      | 0.73      | 0.74       | 0.95    | ppb   |
| Vanadium   | 51-2  | 5.29      | 5.39      | 5.35      | 5.34       | 0.91    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 83         |         | %     |
| Zinc       | 66-2  | 39.72     | 38.44     | 39.74     | 39.30      | 1.89    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.76    | 0.76    | 0.80    | 0.77       | 2.89    | ppb   |
| Zirconium | 91-1 | 0.74    | 0.78    | 0.82    | 0.78       | 5.00    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.02      | 5.04      | 8.25      | 5.77       | 38.25   | ppb   |
| Antimony   | 121-1 | 0.72      | 0.71      | 0.76      | 0.73       | 3.27    | ppb   |
| Arsenic    | 75-2  | 0.49      | 0.62      | 0.65      | 0.58       | 14.96   | ppb   |
| Barium     | 135-1 | 111.98    | 111.80    | 109.97    | 111.25     | 1.00    | ppb   |
| Barium     | 137-1 | 110.79    | 111.57    | 110.52    | 110.96     | 0.49    | ppb   |
| Beryllium  | 9-1   | 0.02      | 0.06      | 0.05      | 0.04       | 51.44   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 428.18    | 445.98    | 435.65    | 436.60     | 2.05    | ppb   |
| Boron      | 11-1  | 453.01    | 457.79    | 455.19    | 455.33     | 0.52    | ppb   |
| Cadmium    | 111-1 | -0.07     | -0.13     | -0.13     | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.55     | -2.49     | -2.75     | -2.27      |         | ppb   |
| Cadmium    | 108-1 | -0.03     | 0.00      | -0.03     | -0.02      |         | ppb   |
| Calcium    | 43-1  | 166909.70 | 168358.86 | 165332.92 | 166867.16  | 0.91    | ppb   |
| Calcium    | 44-1  | 167700.38 | 168914.38 | 168017.49 | 168210.75  | 0.37    | ppb   |
| Chromium   | 52-2  | 22.64     | 22.72     | 22.83     | 22.73      | 0.42    | ppb   |
| Cobalt     | 59-2  | 0.30      | 0.32      | 0.30      | 0.30       | 4.16    | ppb   |
| Copper     | 63-2  | 3.78      | 3.81      | 3.86      | 3.82       | 0.97    | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 92         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 81         |         | %     |
| Iron       | 56-2  | 198.94    | 201.20    | 201.69    | 200.61     | 0.73    | ppb   |
| Iron       | 57-2  | 460.71    | 464.75    | 463.18    | 462.88     | 0.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.15      | 0.18      | 0.15      | 0.16       | 9.05    | ppb   |
| Lead       | 207-1 | 0.16      | 0.16      | 0.13      | 0.15       | 13.02   | ppb   |
| Lead       | 208-1 | 0.16      | 0.16      | 0.15      | 0.16       | 5.72    | ppb   |
| Lithium    | 6-1   |           |           |           | 59         |         | %     |
| Magnesium  | 24-2  | 26186.22  | 26185.63  | 26296.07  | 26222.64   | 0.24    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 8.01     | 7.78     | 8.10     | 7.96       | 2.08    | ppb   |
| Molybdenum | 94-1  | 0.67     | 0.73     | 0.70     | 0.70       | 4.35    | ppb   |
| Molybdenum | 95-1  | 0.98     | 0.97     | 1.02     | 0.99       | 2.60    | ppb   |
| Molybdenum | 96-1  | 0.98     | 0.95     | 0.97     | 0.97       | 1.10    | ppb   |
| Molybdenum | 97-1  | 1.01     | 0.97     | 0.91     | 0.97       | 5.43    | ppb   |
| Molybdenum | 98-1  | 1.02     | 0.89     | 0.96     | 0.96       | 6.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 10.46    | 10.18    | 10.78    | 10.47      | 2.85    | ppb   |
| Phosphorus | 31-2  | -54.04   | -28.97   | -32.90   | -38.64     |         | ppb   |
| Potassium  | 39-2  | 6017.96  | 6045.13  | 6046.18  | 6036.42    | 0.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 75         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 6.26     | 3.13     | 5.36     | 4.91       | 32.75   | ppb   |
| Selenium   | 78-2  | 0.64     | 0.65     | 0.42     | 0.57       | 22.89   | ppb   |
| Selenium   | 82-1  | 2.09     | 2.58     | 2.36     | 2.34       | 10.35   | ppb   |
| Silicon    | 28-1  | 9627.71  | 9632.80  | 9493.40  | 9584.64    | 0.82    | ppb   |
| Silver     | 109-1 | 0.14     | 0.15     | 0.13     | 0.14       | 7.92    | ppb   |
| Silver     | 107-1 | 0.15     | 0.14     | 0.15     | 0.15       | 3.24    | ppb   |
| Sodium     | 23-2  | 59038.02 | 58958.14 | 58850.95 | 58949.04   | 0.16    | ppb   |
| Strontium  | 86-1  | 939.69   | 945.31   | 940.77   | 941.92     | 0.32    | ppb   |
| Strontium  | 88-1  | 971.75   | 969.29   | 960.44   | 967.16     | 0.61    | ppb   |
| Sulfur     | 34-1  | 32527.51 | 32832.97 | 31973.12 | 32444.53   | 1.34    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 90         |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 401.81  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 24.66   | ppb   |
| Tin        | 118-1 | 1.15     | 1.14     | 1.19     | 1.16       | 2.49    | ppb   |
| Titanium   | 47-1  | 1.01     | 0.95     | 1.19     | 1.05       | 11.75   | ppb   |
| Uranium    | 238-1 | 3.16     | 3.19     | 3.14     | 3.16       | 0.76    | ppb   |
| Vanadium   | 51-2  | 1.32     | 1.29     | 1.34     | 1.32       | 1.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Yttrium    | 89-2  |          |          |          | 82         |         | %     |
| Zinc       | 66-2  | 2.83     | 2.89     | 3.26     | 2.99       | 7.74    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.03    | 0.03    | 0.03       | 24.82   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 64.56   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05RE Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410RE Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 19:04:16 DataFile Name : 077SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39.07     | 37.34     | 45.41     | 40.61      | 10.46   | ppb   |
| Antimony   | 121-1 | 0.79      | 0.78      | 0.82      | 0.80       | 2.47    | ppb   |
| Arsenic    | 75-2  | 4.69      | 4.55      | 4.84      | 4.69       | 3.07    | ppb   |
| Barium     | 135-1 | 34.87     | 34.62     | 34.23     | 34.58      | 0.93    | ppb   |
| Barium     | 137-1 | 34.77     | 34.29     | 35.58     | 34.88      | 1.88    | ppb   |
| Beryllium  | 9-1   | 0.05      | 0.02      | 0.02      | 0.03       | 45.85   | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 81         |         | %     |
| Boron      | 10-1  | 869.53    | 874.12    | 901.36    | 881.67     | 1.95    | ppb   |
| Boron      | 11-1  | 907.28    | 936.36    | 944.22    | 929.29     | 2.09    | ppb   |
| Cadmium    | 111-1 | -0.13     | -0.15     | -0.09     | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -3.39     | -3.53     | -2.96     | -3.29      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | 0.10      | 0.05      | 0.07       | 43.89   | ppb   |
| Calcium    | 43-1  | 367818.26 | 369164.75 | 371730.04 | 369571.02  | 0.54    | ppb   |
| Calcium    | 44-1  | 369646.98 | 372063.78 | 377039.17 | 372916.64  | 1.01    | ppb   |
| Chromium   | 52-2  | 1.83      | 1.85      | 1.86      | 1.85       | 0.70    | ppb   |
| Cobalt     | 59-2  | 1.04      | 0.99      | 1.07      | 1.03       | 3.95    | ppb   |
| Copper     | 63-2  | 3.72      | 3.67      | 3.65      | 3.68       | 0.98    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 81         |         | %     |
| Iron       | 56-2  | 5731.28   | 5654.07   | 5691.32   | 5692.22    | 0.68    | ppb   |
| Iron       | 57-2  | 6073.00   | 6026.03   | 6127.91   | 6075.65    | 0.84    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.30      | 0.29      | 0.24      | 0.28       | 11.32   | ppb   |
| Lead       | 207-1 | 0.26      | 0.26      | 0.27      | 0.26       | 1.63    | ppb   |
| Lead       | 208-1 | 0.27      | 0.27      | 0.27      | 0.27       | 1.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 60         |         | %     |
| Magnesium  | 24-2  | 96111.43  | 95127.59  | 95896.80  | 95711.94   | 0.54    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05RE Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410RE Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 19:04:16 DataFile Name : 077SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 477.10    | 476.99    | 478.26    | 477.45     | 0.15    | ppb   |
| Molybdenum | 94-1  | 1.10      | 1.09      | 1.06      | 1.08       | 2.04    | ppb   |
| Molybdenum | 95-1  | 1.23      | 1.14      | 1.22      | 1.19       | 3.74    | ppb   |
| Molybdenum | 96-1  | 1.28      | 1.30      | 1.15      | 1.24       | 6.38    | ppb   |
| Molybdenum | 97-1  | 1.18      | 1.11      | 1.17      | 1.15       | 3.43    | ppb   |
| Molybdenum | 98-1  | 1.22      | 1.21      | 1.18      | 1.20       | 1.68    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 6.00      | 5.57      | 5.46      | 5.68       | 4.93    | ppb   |
| Phosphorus | 31-2  | -27.99    | -8.51     | -12.93    | -16.48     |         | ppb   |
| Potassium  | 39-2  | 10785.62  | 10741.54  | 10827.60  | 10784.92   | 0.40    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 76         |         | %     |
| Scandium   | 45-2  |           |           |           | 80         |         | %     |
| Selenium   | 77-2  | 7.55      | 6.56      | 4.02      | 6.04       | 30.13   | ppb   |
| Selenium   | 78-2  | -0.19     | 0.12      | 1.53      | 0.49       | 188.40  | ppb   |
| Selenium   | 82-1  | 1.89      | 1.66      | 1.23      | 1.59       | 21.15   | ppb   |
| Silicon    | 28-1  | 10745.57  | 10853.80  | 10953.28  | 10850.88   | 0.96    | ppb   |
| Silver     | 109-1 | 0.18      | 0.14      | 0.13      | 0.15       | 16.94   | ppb   |
| Silver     | 107-1 | 0.16      | 0.14      | 0.16      | 0.15       | 8.04    | ppb   |
| Sodium     | 23-2  | 132590.04 | 130605.27 | 131836.28 | 131677.20  | 0.76    | ppb   |
| Strontium  | 86-1  | 2725.26   | 2699.25   | 2730.15   | 2718.22    | 0.61    | ppb   |
| Strontium  | 88-1  | 2736.82   | 2731.83   | 2749.50   | 2739.38    | 0.33    | ppb   |
| Sulfur     | 34-1  | 276421.99 | 279597.11 | 280737.10 | 278918.73  | 0.80    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.00      | -0.01     | -0.01     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00      | 0.00      | 0.00      | 0.00       |         | ppb   |
| Tin        | 118-1 | 1.16      | 1.22      | 1.23      | 1.20       | 3.09    | ppb   |
| Titanium   | 47-1  | 1.15      | 1.39      | 1.51      | 1.35       | 13.78   | ppb   |
| Uranium    | 238-1 | 1.36      | 1.31      | 1.30      | 1.32       | 2.23    | ppb   |
| Vanadium   | 51-2  | 3.04      | 3.01      | 2.84      | 2.97       | 3.62    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 83         |         | %     |
| Zinc       | 66-2  | 6.06      | 6.42      | 6.26      | 6.25       | 2.83    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05RE          | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410RE | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:04:16 | DataFile Name :   | 077SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.15    | 0.15    | 0.14    | 0.15       | 1.70    | ppb   |
| Zirconium | 91-1 | 0.16    | 0.20    | 0.19    | 0.18       | 10.23   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P7  
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:07:53 DataFile Name : 078SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 794.05   | 795.03   | 801.26   | 796.78     | 0.49    | ppb   |
| Antimony   | 121-1 | 0.23     | 0.23     | 0.21     | 0.22       | 5.68    | ppb   |
| Arsenic    | 75-2  | 1.43     | 1.24     | 1.51     | 1.40       | 9.69    | ppb   |
| Barium     | 135-1 | 38.43    | 38.15    | 37.93    | 38.17      | 0.66    | ppb   |
| Barium     | 137-1 | 38.80    | 38.03    | 37.98    | 38.27      | 1.20    | ppb   |
| Beryllium  | 9-1   | 0.12     | 0.18     | 0.13     | 0.14       | 22.75   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 34.50    | 31.19    | 31.11    | 32.27      | 6.00    | ppb   |
| Boron      | 11-1  | 33.43    | 33.00    | 31.82    | 32.75      | 2.54    | ppb   |
| Cadmium    | 111-1 | -0.07    | -0.06    | -0.03    | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -3.32    | -2.90    | -2.49    | -2.90      |         | ppb   |
| Cadmium    | 108-1 | 0.09     | 0.23     | 0.04     | 0.12       | 83.61   | ppb   |
| Calcium    | 43-1  | 28407.57 | 28325.01 | 28228.99 | 28320.53   | 0.32    | ppb   |
| Calcium    | 44-1  | 29006.31 | 28901.17 | 28809.33 | 28905.60   | 0.34    | ppb   |
| Chromium   | 52-2  | 314.28   | 313.91   | 312.82   | 313.67     | 0.24    | ppb   |
| Cobalt     | 59-2  | 1.73     | 1.78     | 1.77     | 1.76       | 1.74    | ppb   |
| Copper     | 63-2  | 19.73    | 19.99    | 20.21    | 19.98      | 1.19    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 1278.69  | 1296.79  | 1282.47  | 1285.99    | 0.74    | ppb   |
| Iron       | 57-2  | 1338.80  | 1320.94  | 1341.56  | 1333.77    | 0.84    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2.09     | 2.08     | 2.23     | 2.13       | 3.89    | ppb   |
| Lead       | 207-1 | 1.90     | 1.89     | 1.85     | 1.88       | 1.56    | ppb   |
| Lead       | 208-1 | 2.00     | 2.00     | 2.00     | 2.00       | 0.21    | ppb   |
| Lithium    | 6-1   |          |          |          | 62         |         | %     |
| Magnesium  | 24-2  | 1415.62  | 1401.46  | 1391.09  | 1402.72    | 0.88    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P7  
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:07:53 DataFile Name : 078SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 22.12    | 22.53    | 22.33    | 22.32      | 0.92    | ppb   |
| Molybdenum | 94-1  | 0.82     | 0.93     | 0.97     | 0.91       | 8.38    | ppb   |
| Molybdenum | 95-1  | 0.97     | 0.92     | 0.96     | 0.95       | 2.94    | ppb   |
| Molybdenum | 96-1  | 1.08     | 1.06     | 1.00     | 1.05       | 3.60    | ppb   |
| Molybdenum | 97-1  | 0.95     | 0.98     | 0.97     | 0.97       | 1.81    | ppb   |
| Molybdenum | 98-1  | 1.01     | 0.96     | 0.91     | 0.96       | 5.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 23.99    | 24.32    | 23.80    | 24.03      | 1.10    | ppb   |
| Phosphorus | 31-2  | 23.08    | -3.65    | 20.81    | 13.42      | 110.46  | ppb   |
| Potassium  | 39-2  | 910.90   | 888.59   | 907.34   | 902.27     | 1.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 85         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 1.60     | 1.61     | 1.60     | 1.60       | 0.24    | ppb   |
| Selenium   | 78-2  | 0.35     | -0.50    | -0.64    | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.05     | 0.41     | 0.16     | 0.21       | 89.01   | ppb   |
| Silicon    | 28-1  | 2481.59  | 2485.69  | 2493.67  | 2486.98    | 0.25    | ppb   |
| Silver     | 109-1 | 0.10     | 0.09     | 0.09     | 0.09       | 4.80    | ppb   |
| Silver     | 107-1 | 0.11     | 0.10     | 0.10     | 0.10       | 4.48    | ppb   |
| Sodium     | 23-2  | 371.08   | 369.44   | 372.67   | 371.06     | 0.44    | ppb   |
| Strontium  | 86-1  | 72.83    | 72.64    | 72.44    | 72.64      | 0.27    | ppb   |
| Strontium  | 88-1  | 73.54    | 72.20    | 72.79    | 72.84      | 0.92    | ppb   |
| Sulfur     | 34-1  | -1701.04 | -1738.40 | -1898.81 | -1779.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 235.15  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 59.82   | ppb   |
| Tin        | 118-1 | 0.50     | 0.48     | 0.45     | 0.48       | 5.53    | ppb   |
| Titanium   | 47-1  | 9.14     | 10.57    | 9.59     | 9.77       | 7.49    | ppb   |
| Uranium    | 238-1 | 0.62     | 0.62     | 0.62     | 0.62       | 0.22    | ppb   |
| Vanadium   | 51-2  | 3.83     | 3.91     | 3.88     | 3.87       | 1.08    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 84.00    | 84.32    | 85.33    | 84.55      | 0.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:07:53 | DataFile Name :   | 078SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.13    | 0.17    | 0.19    | 0.16       | 18.14   | ppb   |
| Zirconium | 91-1 | 0.13    | 0.22    | 0.16    | 0.17       | 26.39   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:19:29 | DataFile Name :   | 079CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48468.05  | 48417.07  | 48101.89  | 48329.00   | 0.41    | ppb   |
| Antimony   | 121-1 | 469.01    | 474.22    | 473.00    | 472.08     | 0.58    | ppb   |
| Arsenic    | 75-2  | 497.10    | 491.55    | 497.45    | 495.37     | 0.67    | ppb   |
| Barium     | 135-1 | 2365.60   | 2398.04   | 2392.30   | 2385.31    | 0.73    | ppb   |
| Barium     | 137-1 | 2396.44   | 2427.76   | 2402.26   | 2408.82    | 0.69    | ppb   |
| Beryllium  | 9-1   | 521.51    | 522.54    | 528.91    | 524.32     | 0.76    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 541.57    | 547.25    | 545.86    | 544.89     | 0.54    | ppb   |
| Boron      | 11-1  | 549.44    | 546.98    | 566.44    | 554.29     | 1.91    | ppb   |
| Cadmium    | 111-1 | 450.98    | 460.75    | 460.27    | 457.33     | 1.20    | ppb   |
| Cadmium    | 106-1 | 456.56    | 463.47    | 472.23    | 464.09     | 1.69    | ppb   |
| Cadmium    | 108-1 | 463.52    | 466.53    | 459.70    | 463.25     | 0.74    | ppb   |
| Calcium    | 43-1  | 230644.15 | 231353.17 | 229018.37 | 230338.56  | 0.52    | ppb   |
| Calcium    | 44-1  | 231000.93 | 231222.87 | 229971.06 | 230731.62  | 0.29    | ppb   |
| Chromium   | 52-2  | 510.00    | 505.38    | 510.54    | 508.64     | 0.56    | ppb   |
| Cobalt     | 59-2  | 493.79    | 487.66    | 484.41    | 488.62     | 0.97    | ppb   |
| Copper     | 63-2  | 986.11    | 975.99    | 975.53    | 979.21     | 0.61    | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 125827.46 | 124599.24 | 124320.25 | 124915.65  | 0.64    | ppb   |
| Iron       | 57-2  | 125693.19 | 124733.83 | 124608.19 | 125011.74  | 0.47    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 484.40    | 482.43    | 484.48    | 483.77     | 0.24    | ppb   |
| Lead       | 207-1 | 479.98    | 480.40    | 483.18    | 481.19     | 0.36    | ppb   |
| Lead       | 208-1 | 491.71    | 489.58    | 488.96    | 490.08     | 0.29    | ppb   |
| Lithium    | 6-1   |           |           |           | 74         |         | %     |
| Magnesium  | 24-2  | 239009.31 | 237849.61 | 237782.05 | 238213.65  | 0.29    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:19:29 | DataFile Name :   | 079CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 954.40    | 951.46    | 953.43    | 953.10     | 0.16    | ppb   |
| Molybdenum | 94-1  | 2476.87   | 2447.89   | 2471.34   | 2465.37    | 0.62    | ppb   |
| Molybdenum | 95-1  | 2459.44   | 2450.74   | 2436.91   | 2449.03    | 0.46    | ppb   |
| Molybdenum | 96-1  | 2448.27   | 2433.97   | 2409.35   | 2430.53    | 0.81    | ppb   |
| Molybdenum | 97-1  | 2445.71   | 2446.85   | 2436.22   | 2442.93    | 0.24    | ppb   |
| Molybdenum | 98-1  | 2478.09   | 2450.99   | 2446.57   | 2458.55    | 0.69    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 499.19    | 495.55    | 494.54    | 496.43     | 0.49    | ppb   |
| Phosphorus | 31-2  | 9482.88   | 9561.72   | 9636.97   | 9560.52    | 0.81    | ppb   |
| Potassium  | 39-2  | 118076.66 | 117738.49 | 117943.72 | 117919.63  | 0.14    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 481.74    | 460.13    | 479.36    | 473.74     | 2.50    | ppb   |
| Selenium   | 78-2  | 474.30    | 467.55    | 479.24    | 473.70     | 1.24    | ppb   |
| Selenium   | 82-1  | 472.12    | 471.05    | 469.26    | 470.81     | 0.31    | ppb   |
| Silicon    | 28-1  | 529.48    | 544.50    | 538.22    | 537.40     | 1.40    | ppb   |
| Silver     | 109-1 | 452.24    | 458.18    | 458.46    | 456.29     | 0.77    | ppb   |
| Silver     | 107-1 | 454.05    | 454.79    | 460.42    | 456.42     | 0.76    | ppb   |
| Sodium     | 23-2  | 246365.93 | 243796.39 | 244372.84 | 244845.05  | 0.55    | ppb   |
| Strontium  | 86-1  | 493.65    | 484.88    | 490.18    | 489.57     | 0.90    | ppb   |
| Strontium  | 88-1  | 504.47    | 497.36    | 502.70    | 501.51     | 0.74    | ppb   |
| Sulfur     | 34-1  | 9890.78   | 10333.86  | 9918.56   | 10047.73   | 2.47    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 480.39    | 485.03    | 478.47    | 481.30     | 0.70    | ppb   |
| Thallium   | 205-1 | 497.53    | 497.30    | 492.22    | 495.68     | 0.61    | ppb   |
| Tin        | 118-1 | 469.86    | 473.58    | 473.94    | 472.46     | 0.48    | ppb   |
| Titanium   | 47-1  | 2417.21   | 2449.34   | 2431.21   | 2432.58    | 0.66    | ppb   |
| Uranium    | 238-1 | 505.02    | 506.13    | 506.10    | 505.75     | 0.13    | ppb   |
| Vanadium   | 51-2  | 501.10    | 497.11    | 497.99    | 498.73     | 0.42    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 939.79    | 931.37    | 937.90    | 936.35     | 0.47    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:19:29 | DataFile Name :   | 079CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 492.21  | 493.47  | 491.41  | 492.37     | 0.21    | ppb   |
| Zirconium | 91-1 | 483.01  | 480.35  | 485.14  | 482.84     | 0.50    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.30   | -0.45   | -0.22   | -0.33      |         | ppb   |
| Antimony   | 121-1 | 0.10    | 0.13    | 0.19    | 0.14       | 32.67   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | -0.01   | 0.01       | 184.64  | ppb   |
| Barium     | 135-1 | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.00    | 0.01       | 108.02  | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.04    | 0.03       | 57.42   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 5.65    | 6.27    | 6.05    | 5.99       | 5.29    | ppb   |
| Boron      | 11-1  | 6.58    | 6.36    | 6.27    | 6.40       | 2.55    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.08   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.07   | -1.50   | -0.74   | -1.10      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | 0.04    | -0.04      |         | ppb   |
| Calcium    | 43-1  | -1.07   | 0.33    | 3.70    | 0.98       | 249.17  | ppb   |
| Calcium    | 44-1  | -2.01   | -0.77   | 0.11    | -0.89      |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | 0.05    | 0.02       | 122.86  | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 0.26    | 0.22    | 0.30    | 0.26       | 15.17   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | -0.64   | -0.52   | -0.63   | -0.60      |         | ppb   |
| Iron       | 57-2  | -0.83   | -0.73   | 0.10    | -0.49      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.13    | 0.14    | 0.12    | 0.13       | 8.00    | ppb   |
| Lead       | 207-1 | 0.12    | 0.10    | 0.14    | 0.12       | 18.13   | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.12    | 0.12       | 3.03    | ppb   |
| Lithium    | 6-1   |         |         |         | 81         |         | %     |
| Magnesium  | 24-2  | 1.62    | 1.15    | 1.34    | 1.37       | 17.63   | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.04   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.08    | 0.08    | 0.07       | 21.54   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.09    | 0.07    | 0.09       | 15.76   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.09    | 0.12    | 0.10       | 20.48   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.09    | 0.09    | 0.08       | 19.13   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.08    | 0.12    | 0.09       | 30.39   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.03   | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -61.86  | -33.15  | -52.25  | -49.08     |         | ppb   |
| Potassium  | 39-2  | 6.23    | 6.26    | 5.04    | 5.84       | 11.85   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 92         |         | %     |
| Scandium   | 45-2  |         |         |         | 88         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.18    | 0.73    | 0.57    | 0.50       | 56.86   | ppb   |
| Selenium   | 82-1  | 0.33    | 0.10    | 0.20    | 0.21       | 54.98   | ppb   |
| Silicon    | 28-1  | -13.64  | -14.45  | -13.39  | -13.83     |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 7.06    | ppb   |
| Silver     | 107-1 | 0.03    | 0.04    | 0.04    | 0.04       | 12.89   | ppb   |
| Sodium     | 23-2  | 27.71   | 30.02   | 27.81   | 28.51      | 4.58    | ppb   |
| Strontium  | 86-1  | -0.07   | 0.00    | 0.00    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 18.54   | ppb   |
| Sulfur     | 34-1  | -598.41 | -517.02 | -361.41 | -492.28    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.05    | 0.03    | 0.04       | 20.46   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 1.97    | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | 0.02    | 0.01       | 80.43   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.02    | -0.04   | 0.02       | 278.67  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 51.56   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.02    | 0.01       | 45.03   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 90         |         | %     |
| Zinc       | 66-2  | -0.25   | -0.23   | -0.31   | -0.26      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       | 132.56  | ppb   |
| Zirconium | 91-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 41.45     | 37.85     | 41.43     | 40.24      | 5.16    | ppb   |
| Antimony   | 121-1 | 0.72      | 0.78      | 0.90      | 0.80       | 11.64   | ppb   |
| Arsenic    | 75-2  | 4.24      | 4.60      | 4.66      | 4.50       | 5.01    | ppb   |
| Barium     | 135-1 | 34.87     | 34.36     | 34.80     | 34.68      | 0.79    | ppb   |
| Barium     | 137-1 | 34.19     | 35.52     | 34.92     | 34.88      | 1.90    | ppb   |
| Beryllium  | 9-1   | 0.01      | 0.04      | 0.00      | 0.02       | 140.57  | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 761.35    | 750.38    | 771.69    | 761.14     | 1.40    | ppb   |
| Boron      | 11-1  | 791.37    | 808.60    | 809.38    | 803.12     | 1.27    | ppb   |
| Cadmium    | 111-1 | -0.13     | -0.03     | -0.13     | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -3.38     | -2.01     | -3.73     | -3.04      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | -0.03     | 0.15      | 0.06       | 153.94  | ppb   |
| Calcium    | 43-1  | 370193.22 | 374438.25 | 372804.11 | 372478.53  | 0.57    | ppb   |
| Calcium    | 44-1  | 371965.89 | 373475.71 | 370406.66 | 371949.42  | 0.41    | ppb   |
| Chromium   | 52-2  | 1.85      | 1.91      | 2.03      | 1.93       | 4.76    | ppb   |
| Cobalt     | 59-2  | 1.07      | 1.12      | 1.15      | 1.12       | 3.62    | ppb   |
| Copper     | 63-2  | 4.90      | 5.00      | 4.77      | 4.89       | 2.33    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 5717.50   | 5721.90   | 5677.44   | 5705.61    | 0.43    | ppb   |
| Iron       | 57-2  | 6064.59   | 6102.09   | 6136.00   | 6100.90    | 0.59    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.37      | 0.39      | 0.37      | 0.38       | 3.70    | ppb   |
| Lead       | 207-1 | 0.36      | 0.36      | 0.36      | 0.36       | 0.52    | ppb   |
| Lead       | 208-1 | 0.37      | 0.36      | 0.37      | 0.37       | 0.79    | ppb   |
| Lithium    | 6-1   |           |           |           | 79         |         | %     |
| Magnesium  | 24-2  | 95243.86  | 94987.81  | 94612.38  | 94948.02   | 0.33    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 485.02    | 483.53    | 480.56    | 483.04     | 0.47    | ppb   |
| Molybdenum | 94-1  | 1.17      | 1.22      | 1.16      | 1.18       | 2.59    | ppb   |
| Molybdenum | 95-1  | 1.22      | 1.23      | 1.11      | 1.18       | 5.69    | ppb   |
| Molybdenum | 96-1  | 1.27      | 1.24      | 1.29      | 1.27       | 2.05    | ppb   |
| Molybdenum | 97-1  | 1.34      | 1.35      | 1.29      | 1.33       | 2.42    | ppb   |
| Molybdenum | 98-1  | 1.24      | 1.24      | 1.28      | 1.25       | 1.96    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 12.29     | 12.40     | 12.11     | 12.27      | 1.20    | ppb   |
| Phosphorus | 31-2  | -20.12    | -13.30    | -18.55    | -17.33     |         | ppb   |
| Potassium  | 39-2  | 10867.27  | 10800.77  | 10868.00  | 10845.35   | 0.36    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 80         |         | %     |
| Scandium   | 45-2  |           |           |           | 80         |         | %     |
| Selenium   | 77-2  | 6.49      | 4.33      | 7.39      | 6.07       | 25.91   | ppb   |
| Selenium   | 78-2  | 0.59      | 0.16      | 0.03      | 0.26       | 112.41  | ppb   |
| Selenium   | 82-1  | 1.97      | 1.57      | 2.19      | 1.91       | 16.37   | ppb   |
| Silicon    | 28-1  | 11516.72  | 11590.94  | 11290.52  | 11466.06   | 1.36    | ppb   |
| Silver     | 109-1 | 0.31      | 0.31      | 0.30      | 0.31       | 1.60    | ppb   |
| Silver     | 107-1 | 0.33      | 0.31      | 0.30      | 0.31       | 4.42    | ppb   |
| Sodium     | 23-2  | 129326.24 | 129439.46 | 129541.21 | 129435.64  | 0.08    | ppb   |
| Strontium  | 86-1  | 2737.05   | 2713.88   | 2724.41   | 2725.11    | 0.43    | ppb   |
| Strontium  | 88-1  | 2743.76   | 2729.68   | 2738.53   | 2737.32    | 0.26    | ppb   |
| Sulfur     | 34-1  | 290157.37 | 292313.27 | 288981.03 | 290483.89  | 0.58    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 0.51      | 0.29      | 0.17      | 0.32       | 53.63   | ppb   |
| Thallium   | 205-1 | 0.49      | 0.31      | 0.18      | 0.32       | 48.87   | ppb   |
| Tin        | 118-1 | 1.32      | 1.37      | 1.37      | 1.36       | 2.00    | ppb   |
| Titanium   | 47-1  | 1.47      | 1.58      | 1.42      | 1.49       | 5.52    | ppb   |
| Uranium    | 238-1 | 1.28      | 1.30      | 1.31      | 1.29       | 1.15    | ppb   |
| Vanadium   | 51-2  | 2.72      | 2.79      | 2.81      | 2.77       | 1.71    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 84         |         | %     |
| Zinc       | 66-2  | 6.34      | 6.68      | 6.69      | 6.57       | 3.01    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.25    | 0.21    | 0.19    | 0.22       | 14.82   | ppb   |
| Zirconium | 91-1 | 0.26    | 0.24    | 0.24    | 0.25       | 4.15    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-01DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:43:11 DataFile Name : 082SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.46     | 5.74     | 11.20    | 7.47       | 43.35   | ppb   |
| Antimony   | 121-1 | 0.15     | 0.17     | 0.16     | 0.16       | 5.22    | ppb   |
| Arsenic    | 75-2  | 0.50     | 0.51     | 0.60     | 0.54       | 10.53   | ppb   |
| Barium     | 135-1 | 30.35    | 30.16    | 30.16    | 30.23      | 0.36    | ppb   |
| Barium     | 137-1 | 30.00    | 29.81    | 29.08    | 29.63      | 1.64    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.05     | 0.05     | 0.04       | 27.54   | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 53.89    | 48.46    | 51.68    | 51.34      | 5.31    | ppb   |
| Boron      | 11-1  | 54.30    | 55.69    | 54.23    | 54.74      | 1.50    | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.13    | -0.02    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.76    | -2.84    | -0.61    | -1.74      |         | ppb   |
| Cadmium    | 108-1 | 0.12     | -0.08    | -0.01    | 0.01       | 929.75  | ppb   |
| Calcium    | 43-1  | 32254.59 | 31980.17 | 32178.27 | 32137.68   | 0.44    | ppb   |
| Calcium    | 44-1  | 32799.43 | 32583.29 | 32602.09 | 32661.60   | 0.37    | ppb   |
| Chromium   | 52-2  | 0.25     | 0.22     | 0.25     | 0.24       | 7.86    | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.01     | 0.01     | 0.01       | 29.19   | ppb   |
| Copper     | 63-2  | 2.31     | 2.37     | 2.29     | 2.32       | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 11.08    | 9.74     | 9.86     | 10.23      | 7.25    | ppb   |
| Iron       | 57-2  | 58.72    | 61.50    | 62.93    | 61.05      | 3.51    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.06     | 0.04     | 0.04     | 0.05       | 23.46   | ppb   |
| Lead       | 207-1 | 0.05     | 0.05     | 0.04     | 0.05       | 10.92   | ppb   |
| Lead       | 208-1 | 0.05     | 0.04     | 0.04     | 0.05       | 13.36   | ppb   |
| Lithium    | 6-1   |          |          |          | 71         |         | %     |
| Magnesium  | 24-2  | 2881.28  | 2897.96  | 2889.52  | 2889.59    | 0.29    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-01DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:43:11 DataFile Name : 082SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 6.10    | 6.16    | 6.26    | 6.17       | 1.28    | ppb   |
| Molybdenum | 94-1  | 0.25    | 0.28    | 0.27    | 0.27       | 4.62    | ppb   |
| Molybdenum | 95-1  | 0.34    | 0.35    | 0.33    | 0.34       | 2.55    | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.36    | 0.30    | 0.31       | 15.44   | ppb   |
| Molybdenum | 97-1  | 0.31    | 0.31    | 0.35    | 0.32       | 5.67    | ppb   |
| Molybdenum | 98-1  | 0.36    | 0.33    | 0.36    | 0.35       | 4.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.57    | 0.65    | 0.75    | 0.65       | 13.90   | ppb   |
| Phosphorus | 31-2  | -38.30  | -37.26  | -42.01  | -39.19     |         | ppb   |
| Potassium  | 39-2  | 2553.09 | 2600.93 | 2591.42 | 2581.81    | 0.98    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 87         |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | 0.81    | 0.39    | 1.17    | 0.79       | 49.21   | ppb   |
| Selenium   | 78-2  | -0.03   | -0.57   | 0.44    | -0.05      |         | ppb   |
| Selenium   | 82-1  | 1.11    | 1.20    | 0.89    | 1.07       | 14.94   | ppb   |
| Silicon    | 28-1  | 1069.01 | 1076.80 | 1072.88 | 1072.90    | 0.36    | ppb   |
| Silver     | 109-1 | 0.10    | 0.11    | 0.12    | 0.11       | 7.51    | ppb   |
| Silver     | 107-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.51    | ppb   |
| Sodium     | 23-2  | 5573.36 | 5609.19 | 5541.43 | 5574.66    | 0.61    | ppb   |
| Strontium  | 86-1  | 140.64  | 139.90  | 138.99  | 139.84     | 0.59    | ppb   |
| Strontium  | 88-1  | 143.10  | 141.98  | 141.37  | 142.15     | 0.62    | ppb   |
| Sulfur     | 34-1  | 6780.08 | 6678.52 | 6814.36 | 6757.65    | 1.05    | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.12   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.74   | ppb   |
| Tin        | 118-1 | 0.12    | 0.12    | 0.11    | 0.11       | 5.71    | ppb   |
| Titanium   | 47-1  | 0.22    | 0.15    | 0.26    | 0.21       | 27.13   | ppb   |
| Uranium    | 238-1 | 0.32    | 0.31    | 0.31    | 0.31       | 2.09    | ppb   |
| Vanadium   | 51-2  | 1.71    | 1.74    | 1.69    | 1.71       | 1.38    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 2.86    | 2.87    | 3.15    | 2.96       | 5.60    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-01DLX5        | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012RW035-180409DL | Dilution Factor : | 5                    |
| Date & Time Acquired :: | 2018-04-23 19:43:11 | DataFile Name :   | 082SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.56   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 30.95   | ppb   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-11DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW008-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:46:44 DataFile Name : 083SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.88     | 4.39     | 2.98     | 3.75       | 19.03   | ppb   |
| Antimony   | 121-1 | 0.10     | 0.12     | 0.11     | 0.11       | 10.02   | ppb   |
| Arsenic    | 75-2  | 0.40     | 0.46     | 0.47     | 0.44       | 8.14    | ppb   |
| Barium     | 135-1 | 32.82    | 32.78    | 33.27    | 32.95      | 0.83    | ppb   |
| Barium     | 137-1 | 33.43    | 32.90    | 33.24    | 33.19      | 0.81    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.03     | 0.01     | 0.02       | 58.68   | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 113.17   | 123.55   | 124.16   | 120.29     | 5.14    | ppb   |
| Boron      | 11-1  | 124.31   | 127.77   | 129.14   | 127.07     | 1.96    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.12    | -0.06    | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.62    | -2.36    | -0.98    | -1.32      |         | ppb   |
| Cadmium    | 108-1 | 0.02     | 0.04     | 0.04     | 0.04       | 40.46   | ppb   |
| Calcium    | 43-1  | 48111.15 | 47583.03 | 47122.02 | 47605.40   | 1.04    | ppb   |
| Calcium    | 44-1  | 48611.17 | 48349.60 | 48088.13 | 48349.63   | 0.54    | ppb   |
| Chromium   | 52-2  | 0.73     | 0.77     | 0.78     | 0.76       | 3.62    | ppb   |
| Cobalt     | 59-2  | 0.10     | 0.11     | 0.09     | 0.10       | 9.44    | ppb   |
| Copper     | 63-2  | 1.38     | 1.50     | 1.37     | 1.42       | 5.08    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 48.59    | 49.09    | 49.22    | 48.97      | 0.68    | ppb   |
| Iron       | 57-2  | 119.95   | 124.85   | 123.30   | 122.70     | 2.04    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.20     | 0.18     | 0.20     | 0.19       | 6.68    | ppb   |
| Lead       | 207-1 | 0.18     | 0.18     | 0.16     | 0.17       | 5.58    | ppb   |
| Lead       | 208-1 | 0.19     | 0.19     | 0.18     | 0.19       | 4.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 69         |         | %     |
| Magnesium  | 24-2  | 8989.94  | 9013.45  | 9010.74  | 9004.71    | 0.14    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:46:44 | DataFile Name :   | 083SMPL_P7042318- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.51     | 5.47     | 5.56     | 5.51       | 0.85    | ppb   |
| Molybdenum | 94-1  | 0.21     | 0.23     | 0.11     | 0.18       | 34.59   | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.15     | 0.21     | 0.18       | 13.98   | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.18     | 0.19     | 0.20       | 9.24    | ppb   |
| Molybdenum | 97-1  | 0.20     | 0.23     | 0.17     | 0.20       | 13.86   | ppb   |
| Molybdenum | 98-1  | 0.21     | 0.20     | 0.20     | 0.20       | 2.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.16     | 5.78     | 6.02     | 5.99       | 3.21    | ppb   |
| Phosphorus | 31-2  | -54.18   | -37.16   | -55.51   | -48.95     |         | ppb   |
| Potassium  | 39-2  | 1048.20  | 1055.26  | 1056.94  | 1053.47    | 0.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 0.81     | 0.80     | 1.20     | 0.94       | 24.44   | ppb   |
| Selenium   | 78-2  | 0.86     | 0.29     | 0.49     | 0.54       | 53.10   | ppb   |
| Selenium   | 82-1  | 1.73     | 1.01     | 0.43     | 1.06       | 61.40   | ppb   |
| Silicon    | 28-1  | 2049.10  | 2003.96  | 2003.60  | 2018.89    | 1.30    | ppb   |
| Silver     | 109-1 | 0.12     | 0.09     | 0.12     | 0.11       | 13.97   | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.12     | 0.12       | 5.07    | ppb   |
| Sodium     | 23-2  | 21239.10 | 21200.02 | 21302.74 | 21247.29   | 0.24    | ppb   |
| Strontium  | 86-1  | 285.08   | 283.26   | 284.57   | 284.30     | 0.33    | ppb   |
| Strontium  | 88-1  | 292.72   | 293.40   | 292.99   | 293.04     | 0.12    | ppb   |
| Sulfur     | 34-1  | 12939.54 | 12574.41 | 12419.13 | 12644.36   | 2.11    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.01       | 63.08   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 41.57   | ppb   |
| Tin        | 118-1 | 0.14     | 0.14     | 0.12     | 0.13       | 10.66   | ppb   |
| Titanium   | 47-1  | 0.27     | 0.30     | 0.33     | 0.30       | 9.54    | ppb   |
| Uranium    | 238-1 | 0.84     | 0.82     | 0.81     | 0.83       | 1.79    | ppb   |
| Vanadium   | 51-2  | 0.49     | 0.52     | 0.41     | 0.47       | 11.80   | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 0.27     | 0.37     | 0.49     | 0.37       | 29.91   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-11DLX5        | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW008-180410DL | Dilution Factor : | 5                    |
| Date & Time Acquired :: | 2018-04-23 19:46:44 | DataFile Name :   | 083SMPL_P7042318- M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.02    | 0.02       | 36.07   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.00    | 0.06    | 0.03       | 102.02  | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-12DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW007-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:50:18 DataFile Name : 084SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.31     | 0.70     | 1.32     | 1.11       | 32.25   | ppb   |
| Antimony   | 121-1 | 0.10     | 0.13     | 0.12     | 0.11       | 10.61   | ppb   |
| Arsenic    | 75-2  | 3.32     | 3.59     | 3.63     | 3.52       | 4.79    | ppb   |
| Barium     | 135-1 | 37.58    | 36.92    | 37.05    | 37.18      | 0.94    | ppb   |
| Barium     | 137-1 | 37.02    | 37.47    | 37.66    | 37.38      | 0.88    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.01     | -0.01    | 0.01       | 230.12  | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 117.73   | 125.11   | 131.02   | 124.62     | 5.34    | ppb   |
| Boron      | 11-1  | 128.00   | 132.90   | 132.28   | 131.06     | 2.03    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.02    | -0.03    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -1.15    | -1.65    | -1.49    | -1.43      |         | ppb   |
| Cadmium    | 108-1 | 0.09     | 0.04     | -0.03    | 0.04       | 172.33  | ppb   |
| Calcium    | 43-1  | 30644.52 | 30787.19 | 31238.45 | 30890.05   | 1.00    | ppb   |
| Calcium    | 44-1  | 31313.91 | 31293.05 | 31548.20 | 31385.05   | 0.45    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.13     | 0.18     | 0.17       | 20.51   | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.01     | 0.01     | 0.01       | 21.48   | ppb   |
| Copper     | 63-2  | 1.24     | 1.18     | 1.23     | 1.22       | 3.02    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 2241.86  | 2221.36  | 2225.48  | 2229.57    | 0.49    | ppb   |
| Iron       | 57-2  | 2231.88  | 2180.08  | 2231.57  | 2214.51    | 1.35    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.05     | 0.04     | 0.03     | 0.04       | 19.63   | ppb   |
| Lead       | 207-1 | 0.03     | 0.02     | 0.04     | 0.03       | 27.15   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.04     | 0.04       | 3.89    | ppb   |
| Lithium    | 6-1   |          |          |          | 69         |         | %     |
| Magnesium  | 24-2  | 6658.51  | 6643.21  | 6676.51  | 6659.41    | 0.25    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-12DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW007-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:50:18 DataFile Name : 084SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 188.17   | 187.99   | 188.84   | 188.33     | 0.24    | ppb   |
| Molybdenum | 94-1  | 0.47     | 0.42     | 0.52     | 0.47       | 10.70   | ppb   |
| Molybdenum | 95-1  | 0.58     | 0.62     | 0.61     | 0.60       | 3.08    | ppb   |
| Molybdenum | 96-1  | 0.60     | 0.60     | 0.62     | 0.60       | 1.81    | ppb   |
| Molybdenum | 97-1  | 0.65     | 0.60     | 0.58     | 0.61       | 6.03    | ppb   |
| Molybdenum | 98-1  | 0.59     | 0.62     | 0.61     | 0.61       | 2.49    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.16     | 0.18     | 0.16     | 0.17       | 6.71    | ppb   |
| Phosphorus | 31-2  | -51.78   | -38.44   | -54.35   | -48.19     |         | ppb   |
| Potassium  | 39-2  | 899.29   | 873.38   | 898.91   | 890.53     | 1.67    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 2.05     | 1.63     | 2.05     | 1.91       | 12.81   | ppb   |
| Selenium   | 78-2  | 0.17     | 0.01     | 0.30     | 0.16       | 91.01   | ppb   |
| Selenium   | 82-1  | 0.94     | 0.98     | -0.14    | 0.59       | 107.28  | ppb   |
| Silicon    | 28-1  | 2861.84  | 2901.22  | 2921.99  | 2895.02    | 1.06    | ppb   |
| Silver     | 109-1 | 0.09     | 0.12     | 0.10     | 0.10       | 11.39   | ppb   |
| Silver     | 107-1 | 0.11     | 0.11     | 0.11     | 0.11       | 4.35    | ppb   |
| Sodium     | 23-2  | 21624.65 | 21428.48 | 21468.70 | 21507.28   | 0.48    | ppb   |
| Strontium  | 86-1  | 190.24   | 189.14   | 186.25   | 188.54     | 1.09    | ppb   |
| Strontium  | 88-1  | 194.21   | 193.43   | 192.06   | 193.23     | 0.56    | ppb   |
| Sulfur     | 34-1  | 9133.00  | 8958.11  | 9075.40  | 9055.51    | 0.98    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 172.45  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 48.46   | ppb   |
| Tin        | 118-1 | 0.15     | 0.13     | 0.12     | 0.13       | 8.97    | ppb   |
| Titanium   | 47-1  | 0.34     | 0.22     | 0.27     | 0.28       | 22.79   | ppb   |
| Uranium    | 238-1 | 0.06     | 0.07     | 0.06     | 0.06       | 5.87    | ppb   |
| Vanadium   | 51-2  | 0.34     | 0.32     | 0.30     | 0.32       | 5.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |
| Zinc       | 66-2  | 0.50     | 0.50     | 0.68     | 0.56       | 18.68   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:50:18 | DataFile Name :   | 084SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.01    | 0.02       | 39.66   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 28.06   | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-14DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW004-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:53:51 DataFile Name : 085SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 0.64     | 0.55     | -0.15    | 0.35       | 124.11  | ppb   |
| Antimony   | 121-1 | 0.08     | 0.12     | 0.09     | 0.10       | 18.13   | ppb   |
| Arsenic    | 75-2  | 0.14     | 0.14     | 0.09     | 0.12       | 23.61   | ppb   |
| Barium     | 135-1 | 22.67    | 23.12    | 21.95    | 22.58      | 2.60    | ppb   |
| Barium     | 137-1 | 22.66    | 23.01    | 22.36    | 22.68      | 1.45    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.02     | 0.03     | 0.02       | 70.37   | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 91.99    | 91.39    | 99.57    | 94.31      | 4.83    | ppb   |
| Boron      | 11-1  | 95.25    | 99.10    | 101.08   | 98.48      | 3.01    | ppb   |
| Cadmium    | 111-1 | -0.01    | -0.12    | -0.03    | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.16    | -2.22    | -0.48    | -0.96      |         | ppb   |
| Cadmium    | 108-1 | -0.03    | -0.05    | 0.02     | -0.02      |         | ppb   |
| Calcium    | 43-1  | 32923.45 | 32906.79 | 33173.96 | 33001.40   | 0.45    | ppb   |
| Calcium    | 44-1  | 33540.17 | 33775.49 | 33620.46 | 33645.37   | 0.36    | ppb   |
| Chromium   | 52-2  | 4.54     | 4.47     | 4.43     | 4.48       | 1.21    | ppb   |
| Cobalt     | 59-2  | 0.03     | 0.03     | 0.03     | 0.03       | 12.18   | ppb   |
| Copper     | 63-2  | 1.25     | 1.16     | 1.12     | 1.18       | 5.68    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 39.27    | 38.40    | 38.73    | 38.80      | 1.13    | ppb   |
| Iron       | 57-2  | 85.59    | 85.02    | 85.67    | 85.43      | 0.41    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.02     | 0.06     | 0.07     | 0.05       | 47.64   | ppb   |
| Lead       | 207-1 | 0.02     | 0.04     | 0.07     | 0.04       | 66.14   | ppb   |
| Lead       | 208-1 | 0.02     | 0.05     | 0.07     | 0.05       | 51.63   | ppb   |
| Lithium    | 6-1   |          |          |          | 70         |         | %     |
| Magnesium  | 24-2  | 5048.45  | 5033.75  | 5010.81  | 5031.01    | 0.38    | ppb   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-14DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW004-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:53:51 DataFile Name : 085SMPL\_P7042318- M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.52     | 1.57     | 1.53     | 1.54       | 1.67    | ppb   |
| Molybdenum | 94-1  | 0.13     | 0.11     | 0.10     | 0.11       | 14.90   | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.17     | 0.16     | 0.18       | 11.96   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.17     | 0.22     | 0.19       | 12.01   | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.18     | 0.17     | 0.17       | 4.20    | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.20     | 0.19     | 0.19       | 4.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.00     | 2.14     | 2.13     | 2.09       | 3.94    | ppb   |
| Phosphorus | 31-2  | -50.02   | -39.38   | -50.85   | -46.75     |         | ppb   |
| Potassium  | 39-2  | 1198.65  | 1213.42  | 1189.74  | 1200.60    | 1.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 85         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 0.82     | 0.41     | 1.23     | 0.82       | 49.86   | ppb   |
| Selenium   | 78-2  | -0.17    | 0.73     | 0.17     | 0.24       | 188.93  | ppb   |
| Selenium   | 82-1  | 0.68     | 0.90     | 0.28     | 0.62       | 50.99   | ppb   |
| Silicon    | 28-1  | 1986.51  | 2052.67  | 2009.10  | 2016.09    | 1.67    | ppb   |
| Silver     | 109-1 | 0.10     | 0.12     | 0.09     | 0.11       | 11.57   | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.12     | 0.11       | 8.54    | ppb   |
| Sodium     | 23-2  | 11381.70 | 11377.85 | 11183.06 | 11314.20   | 1.00    | ppb   |
| Strontium  | 86-1  | 186.37   | 184.45   | 186.07   | 185.63     | 0.56    | ppb   |
| Strontium  | 88-1  | 191.16   | 190.51   | 189.91   | 190.53     | 0.33    | ppb   |
| Sulfur     | 34-1  | 6024.15  | 6775.39  | 6591.09  | 6463.54    | 6.06    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 25.26   | ppb   |
| Tin        | 118-1 | 0.10     | 0.10     | 0.07     | 0.09       | 21.17   | ppb   |
| Titanium   | 47-1  | 0.27     | 0.17     | 0.26     | 0.24       | 22.68   | ppb   |
| Uranium    | 238-1 | 0.62     | 0.63     | 0.59     | 0.61       | 2.77    | ppb   |
| Vanadium   | 51-2  | 0.41     | 0.42     | 0.44     | 0.42       | 3.06    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |
| Zinc       | 66-2  | 0.38     | 0.32     | 0.44     | 0.38       | 15.40   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:53:51 | DataFile Name :   | 085SMPL_P7042318- M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.00    | 0.00    | 0.02    | 0.00       | 216.11  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47607.57  | 47418.12  | 47714.51  | 47580.06   | 0.32    | ppb   |
| Antimony   | 121-1 | 462.69    | 468.69    | 470.55    | 467.31     | 0.88    | ppb   |
| Arsenic    | 75-2  | 487.40    | 488.80    | 492.48    | 489.56     | 0.54    | ppb   |
| Barium     | 135-1 | 2320.75   | 2363.60   | 2365.77   | 2350.04    | 1.08    | ppb   |
| Barium     | 137-1 | 2356.62   | 2377.37   | 2383.44   | 2372.48    | 0.59    | ppb   |
| Beryllium  | 9-1   | 510.90    | 514.19    | 510.64    | 511.91     | 0.39    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 518.82    | 524.93    | 520.35    | 521.37     | 0.61    | ppb   |
| Boron      | 11-1  | 531.28    | 540.38    | 539.53    | 537.07     | 0.94    | ppb   |
| Cadmium    | 111-1 | 449.25    | 455.62    | 457.03    | 453.96     | 0.91    | ppb   |
| Cadmium    | 106-1 | 449.63    | 444.66    | 466.16    | 453.48     | 2.48    | ppb   |
| Cadmium    | 108-1 | 451.46    | 456.20    | 463.89    | 457.19     | 1.37    | ppb   |
| Calcium    | 43-1  | 226316.01 | 226370.67 | 226388.32 | 226358.33  | 0.02    | ppb   |
| Calcium    | 44-1  | 227018.34 | 225705.33 | 227304.72 | 226676.13  | 0.38    | ppb   |
| Chromium   | 52-2  | 502.06    | 500.62    | 503.98    | 502.22     | 0.34    | ppb   |
| Cobalt     | 59-2  | 482.17    | 483.48    | 483.37    | 483.00     | 0.15    | ppb   |
| Copper     | 63-2  | 969.93    | 962.93    | 973.40    | 968.75     | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 122476.07 | 122232.86 | 122035.70 | 122248.21  | 0.18    | ppb   |
| Iron       | 57-2  | 121800.37 | 121770.29 | 122528.59 | 122033.09  | 0.35    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 476.88    | 478.55    | 479.75    | 478.39     | 0.30    | ppb   |
| Lead       | 207-1 | 475.54    | 476.74    | 476.72    | 476.33     | 0.14    | ppb   |
| Lead       | 208-1 | 483.69    | 482.63    | 484.20    | 483.51     | 0.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 74         |         | %     |
| Magnesium  | 24-2  | 232026.04 | 232255.58 | 232228.69 | 232170.11  | 0.05    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 947.59    | 945.02    | 942.87    | 945.16     | 0.25    | ppb   |
| Molybdenum | 94-1  | 2422.89   | 2424.51   | 2423.67   | 2423.69    | 0.03    | ppb   |
| Molybdenum | 95-1  | 2408.23   | 2428.28   | 2415.74   | 2417.41    | 0.42    | ppb   |
| Molybdenum | 96-1  | 2404.96   | 2409.70   | 2425.30   | 2413.32    | 0.44    | ppb   |
| Molybdenum | 97-1  | 2409.26   | 2410.73   | 2429.70   | 2416.57    | 0.47    | ppb   |
| Molybdenum | 98-1  | 2420.73   | 2415.72   | 2442.32   | 2426.25    | 0.58    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 492.16    | 490.02    | 493.56    | 491.91     | 0.36    | ppb   |
| Phosphorus | 31-2  | 9437.05   | 9535.18   | 9444.11   | 9472.11    | 0.58    | ppb   |
| Potassium  | 39-2  | 116808.14 | 116294.35 | 116565.69 | 116556.06  | 0.22    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 491.34    | 479.22    | 478.02    | 482.86     | 1.53    | ppb   |
| Selenium   | 78-2  | 476.52    | 466.91    | 476.88    | 473.44     | 1.20    | ppb   |
| Selenium   | 82-1  | 465.10    | 465.19    | 471.31    | 467.20     | 0.76    | ppb   |
| Silicon    | 28-1  | 492.00    | 497.09    | 500.09    | 496.39     | 0.82    | ppb   |
| Silver     | 109-1 | 449.60    | 453.69    | 451.88    | 451.72     | 0.45    | ppb   |
| Silver     | 107-1 | 446.09    | 449.62    | 454.40    | 450.04     | 0.93    | ppb   |
| Sodium     | 23-2  | 236924.07 | 236628.95 | 236972.45 | 236841.82  | 0.08    | ppb   |
| Strontium  | 86-1  | 481.76    | 482.46    | 487.55    | 483.92     | 0.65    | ppb   |
| Strontium  | 88-1  | 494.53    | 494.84    | 497.26    | 495.54     | 0.30    | ppb   |
| Sulfur     | 34-1  | 9607.83   | 9784.09   | 9600.29   | 9664.07    | 1.08    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 477.59    | 477.94    | 478.75    | 478.09     | 0.12    | ppb   |
| Thallium   | 205-1 | 486.79    | 486.17    | 488.06    | 487.01     | 0.20    | ppb   |
| Tin        | 118-1 | 462.00    | 465.79    | 468.84    | 465.54     | 0.74    | ppb   |
| Titanium   | 47-1  | 2389.24   | 2424.53   | 2419.88   | 2411.21    | 0.80    | ppb   |
| Uranium    | 238-1 | 492.16    | 498.86    | 495.43    | 495.48     | 0.68    | ppb   |
| Vanadium   | 51-2  | 492.38    | 492.04    | 490.68    | 491.70     | 0.18    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 920.82    | 921.23    | 934.01    | 925.35     | 0.81    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 481.24  | 483.73  | 486.60  | 483.85     | 0.55    | ppb   |
| Zirconium | 91-1 | 475.17  | 474.49  | 477.62  | 475.76     | 0.35    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.30   | 0.16    | -0.22   | -0.12      |         | ppb   |
| Antimony   | 121-1 | 0.18    | 0.24    | 0.32    | 0.25       | 27.06   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | 0.04    | 0.02       | 117.45  | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.03    | 0.01       | 141.85  | ppb   |
| Barium     | 137-1 | 0.01    | 0.03    | 0.01    | 0.02       | 82.74   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.07    | 0.07    | 0.06       | 13.53   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 7.99    | 7.41    | 7.14    | 7.51       | 5.80    | ppb   |
| Boron      | 11-1  | 7.85    | 7.23    | 6.70    | 7.26       | 7.95    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.50   | -1.13   | -1.09   | -0.91      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | -2.99   | 0.25    | 0.94    | -0.60      |         | ppb   |
| Calcium    | 44-1  | -1.10   | 0.03    | -0.15   | -0.41      |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.04    | 0.06    | 0.04       | 57.50   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.28    | 0.24    | 0.27    | 0.26       | 8.08    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 91         |         | %     |
| Iron       | 56-2  | 0.34    | 0.24    | 0.08    | 0.22       | 58.57   | ppb   |
| Iron       | 57-2  | 0.41    | -1.07   | -0.09   | -0.25      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.14    | 0.13    | 0.13    | 0.13       | 6.77    | ppb   |
| Lead       | 207-1 | 0.14    | 0.12    | 0.13    | 0.13       | 7.57    | ppb   |
| Lead       | 208-1 | 0.13    | 0.13    | 0.13    | 0.13       | 2.51    | ppb   |
| Lithium    | 6-1   |         |         |         | 79         |         | %     |
| Magnesium  | 24-2  | 1.60    | 2.00    | 2.86    | 2.15       | 30.00   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 94-1  | 0.09    | 0.15    | 0.15    | 0.13       | 24.62   | ppb   |
| Molybdenum | 95-1  | 0.15    | 0.18    | 0.16    | 0.17       | 8.73    | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.16    | 0.17    | 0.16       | 2.34    | ppb   |
| Molybdenum | 97-1  | 0.14    | 0.17    | 0.22    | 0.17       | 22.20   | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.16    | 0.19    | 0.17       | 10.30   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -37.81  | -45.22  | -58.60  | -47.21     |         | ppb   |
| Potassium  | 39-2  | 4.15    | 12.13   | 12.66   | 9.64       | 49.45   | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 90         |         | %     |
| Scandium   | 45-2  |         |         |         | 87         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.26    | 0.75    | 0.19    | 0.40       | 76.60   | ppb   |
| Selenium   | 82-1  | 0.26    | -0.42   | -0.03   | -0.06      |         | ppb   |
| Silicon    | 28-1  | -13.05  | -13.07  | -13.43  | -13.18     |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.02    | 0.02    | 0.03       | 26.55   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 15.54   | ppb   |
| Sodium     | 23-2  | 23.44   | 23.94   | 25.53   | 24.30      | 4.48    | ppb   |
| Strontium  | 86-1  | -0.04   | -0.09   | -0.05   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 42.00   | ppb   |
| Sulfur     | 34-1  | -297.27 | -204.73 | -330.08 | -277.36    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.10    | 0.10    | 0.07    | 0.09       | 18.80   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.09    | 0.09    | 0.09       | 0.92    | ppb   |
| Tin        | 118-1 | 0.01    | 0.04    | 0.04    | 0.03       | 57.17   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.02    | 0.04    | 0.02       | 67.91   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 296.53  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.01       | 27.01   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 90         |         | %     |
| Zinc       | 66-2  | -0.26   | -0.24   | -0.30   | -0.27      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.01    | 0.00       | 79.70   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.02    | 0.00    | 0.01       | 140.52  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 133      | 142      | 114      | 36.09  | cps   |
| Antimony   | 121-1 | 142      | 308      | 300      | 250      | 37.57  | cps   |
| Arsenic    | 75-2  | 15       | 11       | 6        | 10       | 44.37  | cps   |
| Barium     | 135-1 | 42       | 92       | 42       | 58       | 49.48  | cps   |
| Barium     | 137-1 | 42       | 50       | 108      | 67       | 54.49  | cps   |
| Beryllium  | 9-1   | 83       | 94       | 56       | 78       | 25.75  | cps   |
| Bismuth    | 209-1 | 10281479 | 10243787 | 10223214 | 10249493 | 0.29   | cps   |
| Bismuth    | 209-2 | 6346361  | 6392576  | 6364934  | 6367957  | 0.37   | cps   |
| Boron      | 10-1  | 175      | 167      | 158      | 167      | 5.00   | cps   |
| Boron      | 11-1  | 833      | 792      | 675      | 767      | 10.71  | cps   |
| Cadmium    | 111-1 | 1769     | 1717     | 1772     | 1753     | 1.79   | cps   |
| Cadmium    | 106-1 | 3534     | 3409     | 3534     | 3492     | 2.07   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 17       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 200      | 317      | 242      | 253      | 23.39  | cps   |
| Calcium    | 44-1  | 11997    | 12106    | 12164    | 12089    | 0.70   | cps   |
| Chromium   | 52-2  | 583      | 607      | 633      | 608      | 4.12   | cps   |
| Cobalt     | 59-2  | 353      | 303      | 230      | 296      | 20.99  | cps   |
| Copper     | 63-2  | 1260     | 1377     | 1287     | 1308     | 4.67   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Erbium     | 164-2 | 27       | 33       | 33       | 31       | 12.36  | cps   |
| Gadolinium | 160-1 | 92       | 125      | 75       | 97       | 26.19  | cps   |
| Gadolinium | 160-2 | 230      | 223      | 160      | 204      | 18.90  | cps   |
| Holmium    | 165-1 | 15466183 | 15411952 | 15377825 | 15418654 | 0.29   | cps   |
| Holmium    | 165-2 | 8782439  | 8757439  | 8789892  | 8776590  | 0.19   | cps   |
| Indium     | 115-1 | 11455984 | 11414660 | 11437599 | 11436081 | 0.18   | cps   |
| Indium     | 115-2 | 3027672  | 3049048  | 3061628  | 3046116  | 0.56   | cps   |
| Iron       | 56-2  | 9131     | 8692     | 8864     | 8896     | 2.49   | cps   |
| Iron       | 57-2  | 611      | 700      | 667      | 659      | 6.81   | cps   |
| Krypton    | 83-1  | 553      | 563      | 647      | 588      | 8.72   | cps   |
| Lead       | 206-1 | 378      | 472      | 350      | 400      | 16.02  | cps   |
| Lead       | 207-1 | 372      | 306      | 433      | 370      | 17.25  | cps   |
| Lead       | 208-1 | 1672     | 1511     | 1628     | 1604     | 5.19   | cps   |
| Lithium    | 6-1   | 2602962  | 2602909  | 2604469  | 2603447  | 0.03   | cps   |
| Magnesium  | 24-2  | 325      | 317      | 233      | 292      | 17.38  | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 153      | 157      | 190      | 167      | 12.16   | cps   |
| Molybdenum | 94-1  | 358      | 267      | 300      | 308      | 15.05   | cps   |
| Molybdenum | 95-1  | 83       | 67       | 83       | 78       | 12.37   | cps   |
| Molybdenum | 96-1  | 192      | 150      | 133      | 158      | 18.98   | cps   |
| Molybdenum | 97-1  | 75       | 42       | 75       | 64       | 30.12   | cps   |
| Molybdenum | 98-1  | 150      | 150      | 100      | 133      | 21.65   | cps   |
| Neodymium  | 150-1 | 53       | 73       | 67       | 64       | 15.80   | cps   |
| Neodymium  | 150-2 | 30       | 23       | 10       | 21       | 48.24   | cps   |
| Nickel     | 60-2  | 113      | 43       | 47       | 68       | 58.26   | cps   |
| Phosphorus | 31-2  | 617      | 850      | 650      | 706      | 17.89   | cps   |
| Potassium  | 39-2  | 58031    | 59788    | 60257    | 59358    | 1.98    | cps   |
| Rhodium    | 103-1 | 10882758 | 10810487 | 10881635 | 10858294 | 0.38    | cps   |
| Rhodium    | 103-2 | 6081612  | 6094849  | 6099673  | 6092044  | 0.15    | cps   |
| Scandium   | 45-1  | 6842728  | 6818464  | 6779672  | 6813621  | 0.47    | cps   |
| Scandium   | 45-2  | 464920   | 462872   | 464675   | 464156   | 0.24    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 96       | 102      | 117      | 105      | 10.03   | cps   |
| Selenium   | 82-1  | 32       | 0        | -92      | -20      | -317.65 | cps   |
| Silicon    | 28-1  | 334694   | 339151   | 339337   | 337727   | 0.78    | cps   |
| Silver     | 109-1 | 125      | 108      | 108      | 114      | 8.45    | cps   |
| Silver     | 107-1 | 100      | 100      | 133      | 111      | 17.32   | cps   |
| Sodium     | 23-2  | 20223    | 20890    | 21074    | 20729    | 2.16    | cps   |
| Strontium  | 86-1  | 875      | 875      | 892      | 881      | 1.09    | cps   |
| Strontium  | 88-1  | 125      | 233      | 100      | 153      | 46.39   | cps   |
| Sulfur     | 34-1  | 459774   | 457907   | 460690   | 459457   | 0.31    | cps   |
| Terbium    | 159-1 | 15662845 | 15738883 | 15747590 | 15716439 | 0.30    | cps   |
| Terbium    | 159-2 | 8794620  | 8789924  | 8744882  | 8776475  | 0.31    | cps   |
| Thallium   | 203-1 | 192      | 183      | 175      | 183      | 4.55    | cps   |
| Thallium   | 205-1 | 408      | 383      | 500      | 431      | 14.27   | cps   |
| Tin        | 118-1 | 617      | 375      | 450      | 481      | 25.74   | cps   |
| Titanium   | 47-1  | 100      | 108      | 58       | 89       | 30.13   | cps   |
| Uranium    | 238-1 | 67       | 33       | 42       | 47       | 36.74   | cps   |
| Vanadium   | 51-2  | 20       | 27       | 13       | 20       | 33.35   | cps   |
| Yttrium    | 89-1  | 11785100 | 11821023 | 11830146 | 11812090 | 0.20    | cps   |
| Yttrium    | 89-2  | 2367061  | 2387077  | 2390408  | 2381516  | 0.53    | cps   |
| Zinc       | 66-2  | 387      | 380      | 353      | 373      | 4.73    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:05:15 | DataFile Name :   | 003CALB_P7042318- M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 817  | 825  | 783  | 808     | 2.73   | cps   |
| Zirconium | 91-1 | 150  | 208  | 200  | 186     | 16.95  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CALS_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2292     | 2400     | 2417     | 2370     | 2.86   | cps   |
| Antimony   | 121-1 | 17921    | 18663    | 18212    | 18265    | 2.05   | cps   |
| Arsenic    | 75-2  | 430      | 469      | 420      | 440      | 5.81   | cps   |
| Barium     | 135-1 | 21267    | 20908    | 20941    | 21039    | 0.94   | cps   |
| Barium     | 137-1 | 36248    | 36808    | 37092    | 36716    | 1.17   | cps   |
| Beryllium  | 9-1   | 1778     | 1884     | 1800     | 1821     | 3.06   | cps   |
| Bismuth    | 209-1 | 10312355 | 10333053 | 10276112 | 10307173 | 0.28   | cps   |
| Bismuth    | 209-2 | 6273219  | 6339957  | 6389552  | 6334243  | 0.92   | cps   |
| Boron      | 10-1  | 4901     | 4926     | 4843     | 4890     | 0.87   | cps   |
| Boron      | 11-1  | 23502    | 22158    | 23386    | 23015    | 3.23   | cps   |
| Cadmium    | 111-1 | 4255     | 4147     | 3879     | 4094     | 4.73   | cps   |
| Cadmium    | 106-1 | 4276     | 4026     | 3809     | 4037     | 5.79   | cps   |
| Cadmium    | 108-1 | 125      | 142      | 192      | 153      | 22.71  | cps   |
| Calcium    | 43-1  | 11388    | 12297    | 11989    | 11891    | 3.89   | cps   |
| Calcium    | 44-1  | 202272   | 201174   | 203296   | 202247   | 0.52   | cps   |
| Chromium   | 52-2  | 8433     | 7682     | 8039     | 8051     | 4.66   | cps   |
| Cobalt     | 59-2  | 5451     | 5755     | 5685     | 5630     | 2.82   | cps   |
| Copper     | 63-2  | 8563     | 8416     | 8676     | 8552     | 1.53   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Erbium     | 164-1 | 75       | 83       | 108      | 89       | 19.52  | cps   |
| Erbium     | 164-2 | 33       | 23       | 50       | 36       | 37.90  | cps   |
| Gadolinium | 160-1 | 92       | 83       | 100      | 92       | 9.09   | cps   |
| Gadolinium | 160-2 | 167      | 180      | 250      | 199      | 22.51  | cps   |
| Holmium    | 165-1 | 15502313 | 15533650 | 15473026 | 15502997 | 0.20   | cps   |
| Holmium    | 165-2 | 8780563  | 8828735  | 8823359  | 8810885  | 0.30   | cps   |
| Indium     | 115-1 | 11566414 | 11739272 | 11593082 | 11632923 | 0.80   | cps   |
| Indium     | 115-2 | 3081299  | 3091723  | 3107760  | 3093594  | 0.43   | cps   |
| Iron       | 56-2  | 151035   | 155385   | 156648   | 154356   | 1.91   | cps   |
| Iron       | 57-2  | 4506     | 4345     | 4256     | 4369     | 2.90   | cps   |
| Krypton    | 83-1  | 533      | 560      | 590      | 561      | 5.05   | cps   |
| Lead       | 206-1 | 7636     | 8108     | 7675     | 7806     | 3.36   | cps   |
| Lead       | 207-1 | 6680     | 7063     | 6507     | 6750     | 4.22   | cps   |
| Lead       | 208-1 | 30198    | 31515    | 30404    | 30705    | 2.31   | cps   |
| Lithium    | 6-1   | 2584689  | 2600622  | 2621293  | 2602201  | 0.71   | cps   |
| Magnesium  | 24-2  | 129304   | 131372   | 130507   | 130394   | 0.80   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2424     | 2337     | 2300     | 2354     | 2.69   | cps   |
| Molybdenum | 94-1  | 17378    | 17345    | 17470    | 17397    | 0.37   | cps   |
| Molybdenum | 95-1  | 21500    | 21000    | 21083    | 21194    | 1.27   | cps   |
| Molybdenum | 96-1  | 24188    | 23095    | 22961    | 23415    | 2.88   | cps   |
| Molybdenum | 97-1  | 13816    | 13165    | 13340    | 13440    | 2.50   | cps   |
| Molybdenum | 98-1  | 33315    | 34384    | 33081    | 33593    | 2.07   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 1507     | 1547     | 1590     | 1548     | 2.69   | cps   |
| Phosphorus | 31-2  | 800      | 700      | 708      | 736      | 7.54   | cps   |
| Potassium  | 39-2  | 204321   | 205604   | 206838   | 205588   | 0.61   | cps   |
| Rhodium    | 103-1 | 11003297 | 10981257 | 10937895 | 10974150 | 0.30   | cps   |
| Rhodium    | 103-2 | 6157391  | 6151929  | 6133462  | 6147594  | 0.20   | cps   |
| Scandium   | 45-1  | 7005303  | 7041662  | 6998619  | 7015195  | 0.33   | cps   |
| Scandium   | 45-2  | 469565   | 470227   | 476453   | 472082   | 0.81   | cps   |
| Selenium   | 77-2  | 53       | 40       | 37       | 43       | 20.34  | cps   |
| Selenium   | 78-2  | 241      | 241      | 239      | 240      | 0.45   | cps   |
| Selenium   | 82-1  | 679      | 631      | 582      | 631      | 7.72   | cps   |
| Silicon    | 28-1  | 413944   | 411396   | 415587   | 413642   | 0.51   | cps   |
| Silver     | 109-1 | 10321    | 10546    | 10638    | 10502    | 1.55   | cps   |
| Silver     | 107-1 | 10938    | 11047    | 10913    | 10966    | 0.65   | cps   |
| Sodium     | 23-2  | 265796   | 268113   | 270123   | 268010   | 0.81   | cps   |
| Strontium  | 86-1  | 3801     | 3501     | 3626     | 3642     | 4.14   | cps   |
| Strontium  | 88-1  | 23695    | 23846    | 22844    | 23462    | 2.30   | cps   |
| Sulfur     | 34-1  | 484047   | 498447   | 489288   | 490594   | 1.49   | cps   |
| Terbium    | 159-1 | 15779655 | 15948609 | 15802548 | 15843604 | 0.58   | cps   |
| Terbium    | 159-2 | 8662507  | 8789132  | 8714005  | 8721881  | 0.73   | cps   |
| Thallium   | 203-1 | 9262     | 9254     | 8712     | 9076     | 3.48   | cps   |
| Thallium   | 205-1 | 22320    | 22044    | 21193    | 21852    | 2.69   | cps   |
| Tin        | 118-1 | 35153    | 34611    | 33875    | 34546    | 1.86   | cps   |
| Titanium   | 47-1  | 5651     | 5835     | 6343     | 5943     | 6.03   | cps   |
| Uranium    | 238-1 | 29886    | 29384    | 30354    | 29875    | 1.62   | cps   |
| Vanadium   | 51-2  | 14117    | 14144    | 14027    | 14096    | 0.43   | cps   |
| Yttrium    | 89-1  | 11900927 | 12113913 | 12018603 | 12011148 | 0.89   | cps   |
| Yttrium    | 89-2  | 2401705  | 2425412  | 2420868  | 2415995  | 0.52   | cps   |
| Zinc       | 66-2  | 1403     | 1540     | 1330     | 1425     | 7.48   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:13:27 | DataFile Name :   | 005CALS_P7042318- M9 |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 15167 | 15668 | 15868 | 15567   | 2.32   | cps   |
| Zirconium | 91-1 | 3501  | 3759  | 3367  | 3542    | 5.62   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:17:19 | DataFile Name :   | 006CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 120626   | 123582   | 122313   | 122174   | 1.21   | cps   |
| Antimony   | 121-1 | 489256   | 480130   | 483199   | 484195   | 0.96   | cps   |
| Arsenic    | 75-2  | 21853    | 22473    | 21828    | 22051    | 1.66   | cps   |
| Barium     | 135-1 | 578702   | 566453   | 560926   | 568694   | 1.60   | cps   |
| Barium     | 137-1 | 990595   | 976487   | 983082   | 983388   | 0.72   | cps   |
| Beryllium  | 9-1   | 91620    | 92358    | 92844    | 92274    | 0.67   | cps   |
| Bismuth    | 209-1 | 10277038 | 10196104 | 10344950 | 10272697 | 0.73   | cps   |
| Bismuth    | 209-2 | 6333144  | 6420685  | 6411517  | 6388449  | 0.75   | cps   |
| Boron      | 10-1  | 10913    | 10446    | 10621    | 10660    | 2.21   | cps   |
| Boron      | 11-1  | 48479    | 49323    | 49231    | 49011    | 0.95   | cps   |
| Cadmium    | 111-1 | 115946   | 117357   | 117907   | 117070   | 0.86   | cps   |
| Cadmium    | 106-1 | 16202    | 16160    | 15993    | 16118    | 0.68   | cps   |
| Cadmium    | 108-1 | 8715     | 8248     | 8232     | 8398     | 3.27   | cps   |
| Calcium    | 43-1  | 126427   | 128051   | 126470   | 126983   | 0.73   | cps   |
| Calcium    | 44-1  | 2075737  | 2073391  | 2082524  | 2077217  | 0.23   | cps   |
| Chromium   | 52-2  | 181043   | 181937   | 182639   | 181873   | 0.44   | cps   |
| Cobalt     | 59-2  | 282739   | 284616   | 285709   | 284354   | 0.53   | cps   |
| Copper     | 63-2  | 394907   | 398098   | 396608   | 396538   | 0.40   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 33       | 28       | 17.31  | cps   |
| Dysprosium | 156-2 | 7        | 17       | 13       | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 75       | 50       | 75       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 23       | 40       | 13       | 26       | 52.73  | cps   |
| Gadolinium | 160-1 | 75       | 133      | 92       | 100      | 30.05  | cps   |
| Gadolinium | 160-2 | 220      | 260      | 217      | 232      | 10.38  | cps   |
| Holmium    | 165-1 | 15730526 | 15554509 | 15684450 | 15656495 | 0.58   | cps   |
| Holmium    | 165-2 | 8751922  | 8845865  | 8822924  | 8806904  | 0.56   | cps   |
| Indium     | 115-1 | 11717210 | 11626212 | 11749711 | 11697711 | 0.55   | cps   |
| Indium     | 115-2 | 3042982  | 3069224  | 3075274  | 3062493  | 0.56   | cps   |
| Iron       | 56-2  | 7631994  | 7694009  | 7724057  | 7683353  | 0.61   | cps   |
| Iron       | 57-2  | 186790   | 188009   | 188989   | 187930   | 0.59   | cps   |
| Krypton    | 83-1  | 583      | 570      | 550      | 568      | 2.95   | cps   |
| Lead       | 206-1 | 388364   | 390578   | 387544   | 388829   | 0.40   | cps   |
| Lead       | 207-1 | 341838   | 339745   | 340025   | 340536   | 0.33   | cps   |
| Lead       | 208-1 | 1552793  | 1540392  | 1555758  | 1549648  | 0.53   | cps   |
| Lithium    | 6-1   | 2646268  | 2636987  | 2669876  | 2651044  | 0.64   | cps   |
| Magnesium  | 24-2  | 1386170  | 1397693  | 1403001  | 1395621  | 0.62   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:17:19 | DataFile Name :   | 006CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 212558   | 214649   | 218341   | 215183   | 1.36   | cps   |
| Molybdenum | 94-1  | 911844   | 913927   | 904925   | 910232   | 0.52   | cps   |
| Molybdenum | 95-1  | 1135086  | 1128876  | 1126200  | 1130054  | 0.40   | cps   |
| Molybdenum | 96-1  | 1245277  | 1239171  | 1242413  | 1242287  | 0.25   | cps   |
| Molybdenum | 97-1  | 698471   | 694401   | 699520   | 697464   | 0.39   | cps   |
| Molybdenum | 98-1  | 1807753  | 1820456  | 1813373  | 1813861  | 0.35   | cps   |
| Neodymium  | 150-1 | 87       | 73       | 67       | 76       | 13.48  | cps   |
| Neodymium  | 150-2 | 40       | 27       | 40       | 36       | 21.64  | cps   |
| Nickel     | 60-2  | 75691    | 74964    | 74150    | 74935    | 1.03   | cps   |
| Phosphorus | 31-2  | 8169     | 7811     | 7894     | 7958     | 2.36   | cps   |
| Potassium  | 39-2  | 798631   | 806583   | 805584   | 803599   | 0.54   | cps   |
| Rhodium    | 103-1 | 11024075 | 10999971 | 11059332 | 11027793 | 0.27   | cps   |
| Rhodium    | 103-2 | 6074350  | 6161109  | 6127122  | 6120861  | 0.71   | cps   |
| Scandium   | 45-1  | 7051757  | 6995975  | 7011541  | 7019758  | 0.41   | cps   |
| Scandium   | 45-2  | 452373   | 461714   | 459938   | 458009   | 1.08   | cps   |
| Selenium   | 77-2  | 517      | 500      | 530      | 516      | 2.92   | cps   |
| Selenium   | 78-2  | 1596     | 1646     | 1720     | 1654     | 3.77   | cps   |
| Selenium   | 82-1  | 6842     | 6937     | 6723     | 6834     | 1.56   | cps   |
| Silicon    | 28-1  | 640944   | 637786   | 645385   | 641372   | 0.60   | cps   |
| Silver     | 109-1 | 551259   | 549482   | 553715   | 551485   | 0.39   | cps   |
| Silver     | 107-1 | 569553   | 574937   | 575724   | 573405   | 0.59   | cps   |
| Sodium     | 23-2  | 2592968  | 2606363  | 2609704  | 2603012  | 0.34   | cps   |
| Strontium  | 86-1  | 140413   | 140356   | 140346   | 140372   | 0.03   | cps   |
| Strontium  | 88-1  | 1254696  | 1246898  | 1247708  | 1249767  | 0.34   | cps   |
| Sulfur     | 34-1  | 526934   | 525457   | 526934   | 526442   | 0.16   | cps   |
| Terbium    | 159-1 | 15958929 | 15971760 | 16094182 | 16008290 | 0.47   | cps   |
| Terbium    | 159-2 | 8638374  | 8703687  | 8783913  | 8708658  | 0.84   | cps   |
| Thallium   | 203-1 | 479587   | 472132   | 480335   | 477351   | 0.95   | cps   |
| Thallium   | 205-1 | 1151816  | 1140543  | 1143091  | 1145150  | 0.52   | cps   |
| Tin        | 118-1 | 364332   | 365249   | 364658   | 364746   | 0.13   | cps   |
| Titanium   | 47-1  | 296534   | 303412   | 295982   | 298643   | 1.39   | cps   |
| Uranium    | 238-1 | 1606782  | 1607081  | 1613478  | 1609114  | 0.24   | cps   |
| Vanadium   | 51-2  | 146920   | 149441   | 150441   | 148934   | 1.22   | cps   |
| Yttrium    | 89-1  | 12132428 | 12045485 | 12117638 | 12098517 | 0.38   | cps   |
| Yttrium    | 89-2  | 2364189  | 2382227  | 2387560  | 2377992  | 0.52   | cps   |
| Zinc       | 66-2  | 60431    | 61794    | 61753    | 61326    | 1.26   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:17:19 | DataFile Name :   | 006CALS_P7042318- M9 |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 764468 | 744378 | 753027 | 753957  | 1.34   | cps   |
| Zirconium | 91-1 | 168894 | 166684 | 167066 | 167548  | 0.70   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 296271   | 298742   | 294148   | 296387   | 0.78   | cps   |
| Antimony   | 121-1 | 1215355  | 1217924  | 1219074  | 1217451  | 0.16   | cps   |
| Arsenic    | 75-2  | 54199    | 53708    | 52487    | 53464    | 1.65   | cps   |
| Barium     | 135-1 | 1422481  | 1431165  | 1432070  | 1428572  | 0.37   | cps   |
| Barium     | 137-1 | 2476089  | 2491139  | 2483721  | 2483649  | 0.30   | cps   |
| Beryllium  | 9-1   | 230134   | 228128   | 229693   | 229318   | 0.46   | cps   |
| Bismuth    | 209-1 | 10435400 | 10418920 | 10406166 | 10420162 | 0.14   | cps   |
| Bismuth    | 209-2 | 6313973  | 6336801  | 6319094  | 6323289  | 0.19   | cps   |
| Boron      | 10-1  | 25105    | 25831    | 26624    | 25854    | 2.94   | cps   |
| Boron      | 11-1  | 118905   | 121871   | 122953   | 121243   | 1.73   | cps   |
| Cadmium    | 111-1 | 284236   | 287687   | 286352   | 286092   | 0.61   | cps   |
| Cadmium    | 106-1 | 35161    | 33866    | 35045    | 34691    | 2.06   | cps   |
| Cadmium    | 108-1 | 21725    | 21425    | 21383    | 21511    | 0.87   | cps   |
| Calcium    | 43-1  | 310567   | 310376   | 312449   | 311130   | 0.37   | cps   |
| Calcium    | 44-1  | 5088539  | 5093695  | 5081631  | 5087955  | 0.12   | cps   |
| Chromium   | 52-2  | 443134   | 439644   | 434820   | 439200   | 0.95   | cps   |
| Cobalt     | 59-2  | 684145   | 687245   | 681051   | 684147   | 0.45   | cps   |
| Copper     | 63-2  | 963243   | 967155   | 952303   | 960900   | 0.80   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Dysprosium | 156-2 | 33       | 17       | 23       | 24       | 34.31  | cps   |
| Erbium     | 164-1 | 100      | 75       | 25       | 67       | 57.29  | cps   |
| Erbium     | 164-2 | 20       | 20       | 20       | 20       | 0.00   | cps   |
| Gadolinium | 160-1 | 83       | 108      | 117      | 103      | 16.88  | cps   |
| Gadolinium | 160-2 | 187      | 243      | 243      | 224      | 14.58  | cps   |
| Holmium    | 165-1 | 15707888 | 15843986 | 15800690 | 15784188 | 0.44   | cps   |
| Holmium    | 165-2 | 8804448  | 8782724  | 8731825  | 8772999  | 0.42   | cps   |
| Indium     | 115-1 | 11563620 | 11702239 | 11633167 | 11633009 | 0.60   | cps   |
| Indium     | 115-2 | 2994532  | 2980130  | 2968137  | 2980933  | 0.44   | cps   |
| Iron       | 56-2  | 18746161 | 18739212 | 18513478 | 18666284 | 0.71   | cps   |
| Iron       | 57-2  | 455002   | 455324   | 453965   | 454764   | 0.16   | cps   |
| Krypton    | 83-1  | 540      | 520      | 533      | 531      | 1.92   | cps   |
| Lead       | 206-1 | 975000   | 982104   | 983182   | 980095   | 0.45   | cps   |
| Lead       | 207-1 | 855766   | 862194   | 863311   | 860424   | 0.47   | cps   |
| Lead       | 208-1 | 3901900  | 3931811  | 3924692  | 3919468  | 0.40   | cps   |
| Lithium    | 6-1   | 2678713  | 2695418  | 2717907  | 2697346  | 0.73   | cps   |
| Magnesium  | 24-2  | 3419902  | 3420471  | 3366058  | 3402144  | 0.92   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 519963   | 517968   | 510647   | 516193   | 0.95   | cps   |
| Molybdenum | 94-1  | 2272444  | 2283466  | 2288977  | 2281629  | 0.37   | cps   |
| Molybdenum | 95-1  | 2815072  | 2823352  | 2820938  | 2819787  | 0.15   | cps   |
| Molybdenum | 96-1  | 3109672  | 3111086  | 3107958  | 3109572  | 0.05   | cps   |
| Molybdenum | 97-1  | 1746943  | 1750482  | 1738224  | 1745216  | 0.36   | cps   |
| Molybdenum | 98-1  | 4523447  | 4566769  | 4555831  | 4548682  | 0.50   | cps   |
| Neodymium  | 150-1 | 87       | 67       | 80       | 78       | 13.09  | cps   |
| Neodymium  | 150-2 | 23       | 10       | 3        | 12       | 83.33  | cps   |
| Nickel     | 60-2  | 181245   | 180650   | 179301   | 180399   | 0.55   | cps   |
| Phosphorus | 31-2  | 18604    | 18053    | 18270    | 18309    | 1.52   | cps   |
| Potassium  | 39-2  | 1871018  | 1865103  | 1816252  | 1850791  | 1.62   | cps   |
| Rhodium    | 103-1 | 10893581 | 10974015 | 10912411 | 10926669 | 0.39   | cps   |
| Rhodium    | 103-2 | 5989408  | 5976570  | 5955748  | 5973909  | 0.28   | cps   |
| Scandium   | 45-1  | 6939526  | 6924304  | 6943200  | 6935677  | 0.14   | cps   |
| Scandium   | 45-2  | 446329   | 446940   | 439489   | 444253   | 0.93   | cps   |
| Selenium   | 77-2  | 1037     | 1070     | 1107     | 1071     | 3.27   | cps   |
| Selenium   | 78-2  | 4002     | 3982     | 3854     | 3946     | 2.04   | cps   |
| Selenium   | 82-1  | 17508    | 17395    | 17317    | 17407    | 0.55   | cps   |
| Silicon    | 28-1  | 1089112  | 1093305  | 1087179  | 1089865  | 0.29   | cps   |
| Silver     | 109-1 | 1353335  | 1376392  | 1372702  | 1367476  | 0.91   | cps   |
| Silver     | 107-1 | 1436832  | 1432354  | 1424729  | 1431305  | 0.43   | cps   |
| Sodium     | 23-2  | 6291887  | 6305654  | 6218199  | 6271913  | 0.75   | cps   |
| Strontium  | 86-1  | 347878   | 351209   | 347324   | 348804   | 0.60   | cps   |
| Strontium  | 88-1  | 3106381  | 3107488  | 3126816  | 3113562  | 0.37   | cps   |
| Sulfur     | 34-1  | 573038   | 569842   | 567704   | 570195   | 0.47   | cps   |
| Terbium    | 159-1 | 16114871 | 16046183 | 16052885 | 16071313 | 0.24   | cps   |
| Terbium    | 159-2 | 8741039  | 8679647  | 8664506  | 8695064  | 0.47   | cps   |
| Thallium   | 203-1 | 1197524  | 1199712  | 1207537  | 1201591  | 0.44   | cps   |
| Thallium   | 205-1 | 2909718  | 2884739  | 2902283  | 2898914  | 0.44   | cps   |
| Tin        | 118-1 | 904268   | 910147   | 911899   | 908771   | 0.44   | cps   |
| Titanium   | 47-1  | 740196   | 737507   | 733062   | 736922   | 0.49   | cps   |
| Uranium    | 238-1 | 4144584  | 4147698  | 4149667  | 4147316  | 0.06   | cps   |
| Vanadium   | 51-2  | 362567   | 361926   | 356253   | 360249   | 0.96   | cps   |
| Yttrium    | 89-1  | 12077597 | 11974971 | 11957146 | 12003238 | 0.54   | cps   |
| Yttrium    | 89-2  | 2333519  | 2312677  | 2290713  | 2312303  | 0.93   | cps   |
| Zinc       | 66-2  | 147391   | 147394   | 145312   | 146699   | 0.82   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:21:24 | DataFile Name :   | 007CALS_P7042318- M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1875647 | 1880284 | 1868272 | 1874734 | 0.32   | cps   |
| Zirconium | 91-1 | 414780  | 415379  | 413220  | 414460  | 0.27   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CAL5_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 571320   | 569812   | 565263   | 568798   | 0.55   | cps   |
| Antimony   | 121-1 | 2396268  | 2442153  | 2456160  | 2431527  | 1.29   | cps   |
| Arsenic    | 75-2  | 105762   | 102668   | 103565   | 103999   | 1.53   | cps   |
| Barium     | 135-1 | 2822523  | 2869003  | 2884372  | 2858633  | 1.13   | cps   |
| Barium     | 137-1 | 5007586  | 5011157  | 5020090  | 5012944  | 0.13   | cps   |
| Beryllium  | 9-1   | 449101   | 458166   | 450799   | 452689   | 1.06   | cps   |
| Bismuth    | 209-1 | 10168022 | 10331813 | 10308585 | 10269473 | 0.86   | cps   |
| Bismuth    | 209-2 | 6285802  | 6297243  | 6224192  | 6269079  | 0.63   | cps   |
| Boron      | 10-1  | 51831    | 52910    | 51898    | 52213    | 1.16   | cps   |
| Boron      | 11-1  | 240008   | 245046   | 248719   | 244591   | 1.79   | cps   |
| Cadmium    | 111-1 | 562221   | 569306   | 569387   | 566972   | 0.73   | cps   |
| Cadmium    | 106-1 | 63628    | 63267    | 65125    | 64007    | 1.54   | cps   |
| Cadmium    | 108-1 | 42284    | 42426    | 42752    | 42487    | 0.56   | cps   |
| Calcium    | 43-1  | 609167   | 614252   | 608980   | 610800   | 0.49   | cps   |
| Calcium    | 44-1  | 9972298  | 10007573 | 9971419  | 9983763  | 0.21   | cps   |
| Chromium   | 52-2  | 860183   | 854949   | 837128   | 850753   | 1.42   | cps   |
| Cobalt     | 59-2  | 1329454  | 1324516  | 1314354  | 1322774  | 0.58   | cps   |
| Copper     | 63-2  | 1865762  | 1848573  | 1840544  | 1851626  | 0.70   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Dysprosium | 156-2 | 47       | 57       | 53       | 52       | 9.75   | cps   |
| Erbium     | 164-1 | 50       | 75       | 17       | 47       | 61.97  | cps   |
| Erbium     | 164-2 | 20       | 43       | 17       | 27       | 54.47  | cps   |
| Gadolinium | 160-1 | 108      | 108      | 75       | 97       | 19.80  | cps   |
| Gadolinium | 160-2 | 230      | 180      | 193      | 201      | 12.88  | cps   |
| Holmium    | 165-1 | 15599611 | 15868893 | 15751619 | 15740041 | 0.86   | cps   |
| Holmium    | 165-2 | 8803309  | 8749122  | 8635849  | 8729427  | 0.98   | cps   |
| Indium     | 115-1 | 11309143 | 11467195 | 11453429 | 11409922 | 0.77   | cps   |
| Indium     | 115-2 | 2905977  | 2908151  | 2888095  | 2900741  | 0.38   | cps   |
| Iron       | 56-2  | 36302041 | 36201324 | 35630039 | 36044468 | 1.01   | cps   |
| Iron       | 57-2  | 887344   | 886185   | 872867   | 882132   | 0.91   | cps   |
| Krypton    | 83-1  | 580      | 593      | 503      | 559      | 8.69   | cps   |
| Lead       | 206-1 | 1954532  | 1986898  | 1974455  | 1971962  | 0.83   | cps   |
| Lead       | 207-1 | 1717179  | 1739772  | 1719864  | 1725605  | 0.72   | cps   |
| Lead       | 208-1 | 7859381  | 7969951  | 7899275  | 7909536  | 0.71   | cps   |
| Lithium    | 6-1   | 2652350  | 2678902  | 2650397  | 2660550  | 0.60   | cps   |
| Magnesium  | 24-2  | 6581054  | 6497973  | 6443638  | 6507555  | 1.06   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CAL5_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1010942  | 1008341  | 986573   | 1001952  | 1.34   | cps   |
| Molybdenum | 94-1  | 4556377  | 4606308  | 4568070  | 4576918  | 0.57   | cps   |
| Molybdenum | 95-1  | 5631768  | 5587904  | 5658799  | 5626157  | 0.64   | cps   |
| Molybdenum | 96-1  | 6069917  | 6168099  | 6125698  | 6121238  | 0.80   | cps   |
| Molybdenum | 97-1  | 3419526  | 3489513  | 3467967  | 3459002  | 1.04   | cps   |
| Molybdenum | 98-1  | 8863296  | 8915942  | 8910156  | 8896465  | 0.32   | cps   |
| Neodymium  | 150-1 | 193      | 160      | 227      | 193      | 17.24  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 349723   | 347643   | 344447   | 347271   | 0.77   | cps   |
| Phosphorus | 31-2  | 34441    | 34900    | 34616    | 34652    | 0.67   | cps   |
| Potassium  | 39-2  | 3559504  | 3534526  | 3515262  | 3536431  | 0.63   | cps   |
| Rhodium    | 103-1 | 10578839 | 10627032 | 10526090 | 10577320 | 0.48   | cps   |
| Rhodium    | 103-2 | 5805274  | 5803636  | 5762006  | 5790305  | 0.42   | cps   |
| Scandium   | 45-1  | 6748129  | 6748827  | 6745810  | 6747589  | 0.02   | cps   |
| Scandium   | 45-2  | 428384   | 432638   | 423085   | 428035   | 1.12   | cps   |
| Selenium   | 77-2  | 2384     | 2257     | 2320     | 2320     | 2.73   | cps   |
| Selenium   | 78-2  | 7306     | 7546     | 7517     | 7456     | 1.76   | cps   |
| Selenium   | 82-1  | 33529    | 33614    | 33966    | 33703    | 0.69   | cps   |
| Silicon    | 28-1  | 1818947  | 1841205  | 1833832  | 1831328  | 0.62   | cps   |
| Silver     | 109-1 | 2699092  | 2719227  | 2707248  | 2708523  | 0.37   | cps   |
| Silver     | 107-1 | 2816672  | 2825746  | 2821249  | 2821222  | 0.16   | cps   |
| Sodium     | 23-2  | 12287692 | 12097876 | 12030987 | 12138852 | 1.10   | cps   |
| Strontium  | 86-1  | 692624   | 697720   | 689146   | 693163   | 0.62   | cps   |
| Strontium  | 88-1  | 6071125  | 6135023  | 6117792  | 6107980  | 0.54   | cps   |
| Sulfur     | 34-1  | 637199   | 636168   | 627981   | 633783   | 0.80   | cps   |
| Terbium    | 159-1 | 15828322 | 16056996 | 16070103 | 15985140 | 0.85   | cps   |
| Terbium    | 159-2 | 8669905  | 8656708  | 8536831  | 8621148  | 0.85   | cps   |
| Thallium   | 203-1 | 2393980  | 2423885  | 2413075  | 2410313  | 0.63   | cps   |
| Thallium   | 205-1 | 5871702  | 5946347  | 5908060  | 5908703  | 0.63   | cps   |
| Tin        | 118-1 | 1804493  | 1837735  | 1818674  | 1820301  | 0.92   | cps   |
| Titanium   | 47-1  | 1447646  | 1457449  | 1444941  | 1450012  | 0.45   | cps   |
| Uranium    | 238-1 | 8103162  | 8273215  | 8252607  | 8209661  | 1.13   | cps   |
| Vanadium   | 51-2  | 706752   | 705081   | 691658   | 701163   | 1.18   | cps   |
| Yttrium    | 89-1  | 11802606 | 11859816 | 11891742 | 11851388 | 0.38   | cps   |
| Yttrium    | 89-2  | 2254369  | 2255935  | 2223791  | 2244698  | 0.81   | cps   |
| Zinc       | 66-2  | 284725   | 282031   | 279639   | 282132   | 0.90   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:25:12 | DataFile Name :   | 008CALS_P7042318- M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3758124 | 3798418 | 3783535 | 3780025 | 0.54   | cps   |
| Zirconium | 91-1 | 827574  | 835963  | 830447  | 831328  | 0.51   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:28:57 | DataFile Name :   | 009CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1128814  | 1144702  | 1148451  | 1140656  | 0.91   | cps   |
| Antimony   | 121-1 | 4902185  | 4814865  | 4843095  | 4853382  | 0.92   | cps   |
| Arsenic    | 75-2  | 209592   | 207664   | 209676   | 208978   | 0.54   | cps   |
| Barium     | 135-1 | 5758352  | 5695578  | 5722186  | 5725372  | 0.55   | cps   |
| Barium     | 137-1 | 9854072  | 9733070  | 9762377  | 9783173  | 0.65   | cps   |
| Beryllium  | 9-1   | 875641   | 864757   | 876872   | 872423   | 0.76   | cps   |
| Bismuth    | 209-1 | 10186537 | 10158837 | 10167399 | 10170924 | 0.14   | cps   |
| Bismuth    | 209-2 | 6215924  | 6291803  | 6285851  | 6264526  | 0.67   | cps   |
| Boron      | 10-1  | 100381   | 101522   | 101589   | 101164   | 0.67   | cps   |
| Boron      | 11-1  | 471994   | 472226   | 477859   | 474026   | 0.70   | cps   |
| Cadmium    | 111-1 | 1097055  | 1099801  | 1098193  | 1098349  | 0.13   | cps   |
| Cadmium    | 106-1 | 121676   | 121585   | 121493   | 121585   | 0.08   | cps   |
| Cadmium    | 108-1 | 82111    | 82304    | 83855    | 82757    | 1.16   | cps   |
| Calcium    | 43-1  | 1184038  | 1178596  | 1187149  | 1183261  | 0.37   | cps   |
| Calcium    | 44-1  | 19416287 | 19260621 | 19282812 | 19319907 | 0.44   | cps   |
| Chromium   | 52-2  | 1693973  | 1703589  | 1698684  | 1698749  | 0.28   | cps   |
| Cobalt     | 59-2  | 2628545  | 2642507  | 2649118  | 2640057  | 0.40   | cps   |
| Copper     | 63-2  | 3669113  | 3668488  | 3681683  | 3673095  | 0.20   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 117      | 75       | 55.56  | cps   |
| Dysprosium | 156-2 | 77       | 100      | 93       | 90       | 13.35  | cps   |
| Erbium     | 164-1 | 117      | 83       | 75       | 92       | 24.05  | cps   |
| Erbium     | 164-2 | 17       | 43       | 40       | 33       | 43.58  | cps   |
| Gadolinium | 160-1 | 108      | 117      | 117      | 114      | 4.22   | cps   |
| Gadolinium | 160-2 | 177      | 170      | 243      | 197      | 20.62  | cps   |
| Holmium    | 165-1 | 15818339 | 15785397 | 15895403 | 15833047 | 0.36   | cps   |
| Holmium    | 165-2 | 8944939  | 8932463  | 8895308  | 8924237  | 0.29   | cps   |
| Indium     | 115-1 | 11316351 | 11219589 | 11272297 | 11269413 | 0.43   | cps   |
| Indium     | 115-2 | 2887446  | 2921359  | 2939067  | 2915957  | 0.90   | cps   |
| Iron       | 56-2  | 71928832 | 71999968 | 71821313 | 71916704 | 0.13   | cps   |
| Iron       | 57-2  | 1756796  | 1766961  | 1766389  | 1763382  | 0.32   | cps   |
| Krypton    | 83-1  | 510      | 520      | 580      | 537      | 7.05   | cps   |
| Lead       | 206-1 | 3897412  | 3908937  | 3926498  | 3910949  | 0.37   | cps   |
| Lead       | 207-1 | 3411830  | 3429877  | 3452096  | 3431268  | 0.59   | cps   |
| Lead       | 208-1 | 15412960 | 15482137 | 15533977 | 15476358 | 0.39   | cps   |
| Lithium    | 6-1   | 2594795  | 2582298  | 2583930  | 2587008  | 0.26   | cps   |
| Magnesium  | 24-2  | 12907668 | 12958545 | 12923564 | 12929926 | 0.20   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P7  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:28:57 DataFile Name : 009CAL5\_P7042318- M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1999253  | 2007005  | 1997673  | 2001310  | 0.25   | cps   |
| Molybdenum | 94-1  | 8805256  | 8765468  | 8825880  | 8798868  | 0.35   | cps   |
| Molybdenum | 95-1  | 11030161 | 10900890 | 10903653 | 10944901 | 0.67   | cps   |
| Molybdenum | 96-1  | 12028186 | 11871671 | 11988038 | 11962632 | 0.68   | cps   |
| Molybdenum | 97-1  | 6793460  | 6724223  | 6825675  | 6781119  | 0.76   | cps   |
| Molybdenum | 98-1  | 17575892 | 17541998 | 17548797 | 17555562 | 0.10   | cps   |
| Neodymium  | 150-1 | 213      | 327      | 407      | 316      | 30.79  | cps   |
| Neodymium  | 150-2 | 40       | 47       | 50       | 46       | 11.18  | cps   |
| Nickel     | 60-2  | 680418   | 685514   | 686296   | 684076   | 0.47   | cps   |
| Phosphorus | 31-2  | 66500    | 67009    | 67135    | 66881    | 0.50   | cps   |
| Potassium  | 39-2  | 6852405  | 6912180  | 6860113  | 6874899  | 0.47   | cps   |
| Rhodium    | 103-1 | 10419899 | 10404281 | 10415698 | 10413293 | 0.08   | cps   |
| Rhodium    | 103-2 | 5770795  | 5844155  | 5830326  | 5815092  | 0.67   | cps   |
| Scandium   | 45-1  | 6673811  | 6590261  | 6618653  | 6627575  | 0.64   | cps   |
| Scandium   | 45-2  | 430421   | 435135   | 433133   | 432896   | 0.55   | cps   |
| Selenium   | 77-2  | 4397     | 4404     | 4571     | 4457     | 2.20   | cps   |
| Selenium   | 78-2  | 14607    | 14700    | 14906    | 14738    | 1.04   | cps   |
| Selenium   | 82-1  | 65505    | 64428    | 65152    | 65028    | 0.84   | cps   |
| Silicon    | 28-1  | 3266635  | 3239904  | 3286990  | 3264510  | 0.72   | cps   |
| Silver     | 109-1 | 5295630  | 5307383  | 5317416  | 5306810  | 0.21   | cps   |
| Silver     | 107-1 | 5534345  | 5509373  | 5637082  | 5560267  | 1.22   | cps   |
| Sodium     | 23-2  | 24048156 | 24184658 | 24125979 | 24119598 | 0.28   | cps   |
| Strontium  | 86-1  | 1353978  | 1355228  | 1351343  | 1353516  | 0.15   | cps   |
| Strontium  | 88-1  | 11940427 | 11911260 | 11952659 | 11934782 | 0.18   | cps   |
| Sulfur     | 34-1  | 763939   | 755362   | 755262   | 758188   | 0.66   | cps   |
| Terbium    | 159-1 | 16015405 | 15956107 | 16083836 | 16018449 | 0.40   | cps   |
| Terbium    | 159-2 | 8862208  | 8765267  | 8821414  | 8816296  | 0.55   | cps   |
| Thallium   | 203-1 | 4856501  | 4850481  | 4861621  | 4856201  | 0.11   | cps   |
| Thallium   | 205-1 | 11447176 | 11390320 | 11429522 | 11422339 | 0.25   | cps   |
| Tin        | 118-1 | 3612948  | 3583730  | 3569641  | 3588773  | 0.62   | cps   |
| Titanium   | 47-1  | 2832561  | 2822262  | 2817383  | 2824068  | 0.27   | cps   |
| Uranium    | 238-1 | 16377713 | 16292282 | 16238919 | 16302971 | 0.43   | cps   |
| Vanadium   | 51-2  | 1398008  | 1405475  | 1413531  | 1405671  | 0.55   | cps   |
| Yttrium    | 89-1  | 11679911 | 11683996 | 11644741 | 11669550 | 0.18   | cps   |
| Yttrium    | 89-2  | 2271801  | 2288071  | 2292466  | 2284113  | 0.48   | cps   |
| Zinc       | 66-2  | 555932   | 557649   | 560060   | 557880   | 0.37   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:28:57 | DataFile Name :   | 009CALS_P7042318- M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7253932 | 7273403 | 7224384 | 7250573 | 0.34   | cps   |
| Zirconium | 91-1 | 1625029 | 1615028 | 1626883 | 1622313 | 0.39   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:32:41 | DataFile Name :   | 010CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2297682   | 2311698   | 2285886   | 2298422   | 0.56   | cps   |
| Antimony   | 121-1 | 9628315   | 9678581   | 9694956   | 9667284   | 0.36   | cps   |
| Arsenic    | 75-2  | 421655    | 421379    | 420766    | 421267    | 0.11   | cps   |
| Barium     | 135-1 | 11314895  | 11351739  | 11395026  | 11353886  | 0.35   | cps   |
| Barium     | 137-1 | 19879728  | 19788132  | 19901536  | 19856466  | 0.30   | cps   |
| Beryllium  | 9-1   | 1738840   | 1732644   | 1717334   | 1729606   | 0.64   | cps   |
| Bismuth    | 209-1 | 10142550  | 10204074  | 10169304  | 10171976  | 0.30   | cps   |
| Bismuth    | 209-2 | 6137967   | 6139028   | 6161004   | 6146000   | 0.21   | cps   |
| Boron      | 10-1  | 197841    | 201399    | 202072    | 200437    | 1.13   | cps   |
| Boron      | 11-1  | 946298    | 950345    | 957309    | 951317    | 0.59   | cps   |
| Cadmium    | 111-1 | 2202757   | 2214298   | 2203078   | 2206711   | 0.30   | cps   |
| Cadmium    | 106-1 | 241984    | 239602    | 238544    | 240043    | 0.73   | cps   |
| Cadmium    | 108-1 | 164592    | 162085    | 163593    | 163423    | 0.77   | cps   |
| Calcium    | 43-1  | 2400621   | 2410509   | 2423304   | 2411478   | 0.47   | cps   |
| Calcium    | 44-1  | 39010274  | 39081740  | 39199713  | 39097243  | 0.24   | cps   |
| Chromium   | 52-2  | 3410115   | 3401078   | 3405805   | 3405666   | 0.13   | cps   |
| Cobalt     | 59-2  | 5272513   | 5280234   | 5289748   | 5280832   | 0.16   | cps   |
| Copper     | 63-2  | 7149624   | 7131943   | 7118604   | 7133390   | 0.22   | cps   |
| Dysprosium | 156-1 | 158       | 258       | 125       | 181       | 38.43  | cps   |
| Dysprosium | 156-2 | 127       | 167       | 137       | 143       | 14.52  | cps   |
| Erbium     | 164-1 | 67        | 58        | 108       | 78        | 34.44  | cps   |
| Erbium     | 164-2 | 43        | 27        | 50        | 40        | 30.04  | cps   |
| Gadolinium | 160-1 | 108       | 150       | 150       | 136       | 17.67  | cps   |
| Gadolinium | 160-2 | 240       | 207       | 153       | 200       | 21.86  | cps   |
| Holmium    | 165-1 | 16086912  | 16081894  | 16218205  | 16129003  | 0.48   | cps   |
| Holmium    | 165-2 | 8898306   | 8870149   | 8864675   | 8877710   | 0.20   | cps   |
| Indium     | 115-1 | 11163002  | 11341914  | 11266783  | 11257233  | 0.80   | cps   |
| Indium     | 115-2 | 2885140   | 2896675   | 2887973   | 2889930   | 0.21   | cps   |
| Iron       | 56-2  | 143321198 | 142119378 | 142417281 | 142619286 | 0.44   | cps   |
| Iron       | 57-2  | 3531768   | 3538886   | 3535582   | 3535412   | 0.10   | cps   |
| Krypton    | 83-1  | 537       | 603       | 563       | 568       | 5.91   | cps   |
| Lead       | 206-1 | 7820493   | 7846951   | 7842012   | 7836485   | 0.18   | cps   |
| Lead       | 207-1 | 6849307   | 6879641   | 6885945   | 6871631   | 0.29   | cps   |
| Lead       | 208-1 | 30924770  | 31266492  | 31135148  | 31108803  | 0.55   | cps   |
| Lithium    | 6-1   | 2551645   | 2585380   | 2568569   | 2568531   | 0.66   | cps   |
| Magnesium  | 24-2  | 25792735  | 25712695  | 25469470  | 25658300  | 0.66   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:32:41 | DataFile Name :   | 010CAL5_P7042318- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4041816  | 4039618  | 4025882  | 4035772  | 0.21   | cps   |
| Molybdenum | 94-1  | 17963152 | 17988666 | 18099445 | 18017088 | 0.40   | cps   |
| Molybdenum | 95-1  | 22319110 | 22366194 | 22499844 | 22395049 | 0.42   | cps   |
| Molybdenum | 96-1  | 24443879 | 24639023 | 24766802 | 24616568 | 0.66   | cps   |
| Molybdenum | 97-1  | 13904293 | 14041702 | 13905090 | 13950362 | 0.57   | cps   |
| Molybdenum | 98-1  | 35906512 | 36067715 | 35858860 | 35944363 | 0.30   | cps   |
| Neodymium  | 150-1 | 553      | 587      | 533      | 558      | 4.83   | cps   |
| Neodymium  | 150-2 | 70       | 93       | 97       | 87       | 16.77  | cps   |
| Nickel     | 60-2  | 1349386  | 1348691  | 1356076  | 1351384  | 0.30   | cps   |
| Phosphorus | 31-2  | 134024   | 134560   | 136302   | 134962   | 0.88   | cps   |
| Potassium  | 39-2  | 13919604 | 13853651 | 13754877 | 13842711 | 0.60   | cps   |
| Rhodium    | 103-1 | 10429731 | 10477516 | 10409111 | 10438786 | 0.34   | cps   |
| Rhodium    | 103-2 | 5714911  | 5701087  | 5722545  | 5712848  | 0.19   | cps   |
| Scandium   | 45-1  | 6700823  | 6725394  | 6707897  | 6711371  | 0.19   | cps   |
| Scandium   | 45-2  | 437571   | 438880   | 438933   | 438461   | 0.18   | cps   |
| Selenium   | 77-2  | 8683     | 8970     | 8616     | 8756     | 2.15   | cps   |
| Selenium   | 78-2  | 29686    | 29992    | 29532    | 29737    | 0.79   | cps   |
| Selenium   | 82-1  | 129662   | 130613   | 130195   | 130157   | 0.37   | cps   |
| Silicon    | 28-1  | 4923943  | 4938261  | 4946056  | 4936087  | 0.23   | cps   |
| Silver     | 109-1 | 10503002 | 10594033 | 10514503 | 10537179 | 0.47   | cps   |
| Silver     | 107-1 | 10981824 | 11039824 | 10988565 | 11003404 | 0.29   | cps   |
| Sodium     | 23-2  | 48482929 | 47935657 | 47803930 | 48074172 | 0.75   | cps   |
| Strontium  | 86-1  | 2759154  | 2765429  | 2759791  | 2761458  | 0.13   | cps   |
| Strontium  | 88-1  | 24258506 | 24348326 | 24324754 | 24310529 | 0.19   | cps   |
| Sulfur     | 34-1  | 1100212  | 1099417  | 1101891  | 1100507  | 0.11   | cps   |
| Terbium    | 159-1 | 16231665 | 16445300 | 16286466 | 16321144 | 0.68   | cps   |
| Terbium    | 159-2 | 8808133  | 8824179  | 8781157  | 8804490  | 0.25   | cps   |
| Thallium   | 203-1 | 9670003  | 9690211  | 9708811  | 9689675  | 0.20   | cps   |
| Thallium   | 205-1 | 23046915 | 23163414 | 23205378 | 23138569 | 0.35   | cps   |
| Tin        | 118-1 | 7223262  | 7286067  | 7229262  | 7246197  | 0.48   | cps   |
| Titanium   | 47-1  | 5704929  | 5712814  | 5688978  | 5702240  | 0.21   | cps   |
| Uranium    | 238-1 | 33258090 | 33007766 | 33039633 | 33101830 | 0.41   | cps   |
| Vanadium   | 51-2  | 2857307  | 2840599  | 2856487  | 2851464  | 0.33   | cps   |
| Yttrium    | 89-1  | 11873166 | 11956332 | 11943484 | 11924327 | 0.38   | cps   |
| Yttrium    | 89-2  | 2306542  | 2304869  | 2308477  | 2306629  | 0.08   | cps   |
| Zinc       | 66-2  | 1097734  | 1105015  | 1101785  | 1101512  | 0.33   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:32:41 | DataFile Name :   | 010CALS_P7042318- M9 |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 14943234 | 14820787 | 14906679 | 14890233 | 0.42   | cps   |
| Zirconium | 91-1 | 3342407  | 3315856  | 3300103  | 3319455  | 0.64   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CAL5_P7042318- M5 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12738641  | 12758864  | 12869041  | 12788849  | 0.55   | cps   |
| Antimony   | 121-1 | 15509     | 16452     | 18730     | 16897     | 9.80   | cps   |
| Arsenic    | 75-2  | 759       | 702       | 743       | 735       | 4.02   | cps   |
| Barium     | 135-1 | 3551      | 3301      | 3426      | 3426      | 3.65   | cps   |
| Barium     | 137-1 | 5485      | 6035      | 6043      | 5854      | 5.47   | cps   |
| Beryllium  | 9-1   | 422       | 300       | 394       | 372       | 17.21  | cps   |
| Bismuth    | 209-1 | 9437379   | 9463859   | 9475449   | 9458896   | 0.21   | cps   |
| Bismuth    | 209-2 | 5695082   | 5674105   | 5687351   | 5685513   | 0.19   | cps   |
| Boron      | 10-1  | 4843      | 4109      | 4084      | 4345      | 9.92   | cps   |
| Boron      | 11-1  | 21324     | 19605     | 18429     | 19786     | 7.36   | cps   |
| Cadmium    | 111-1 | 2125      | 2189      | 2037      | 2117      | 3.60   | cps   |
| Cadmium    | 106-1 | 3592      | 3601      | 3426      | 3539      | 2.79   | cps   |
| Cadmium    | 108-1 | 83        | 46        | 54        | 61        | 32.23  | cps   |
| Calcium    | 43-1  | 13180955  | 13138925  | 13164954  | 13161612  | 0.16   | cps   |
| Calcium    | 44-1  | 215419980 | 214671863 | 216471655 | 215521166 | 0.42   | cps   |
| Chromium   | 52-2  | 98741     | 99348     | 99849     | 99313     | 0.56   | cps   |
| Cobalt     | 59-2  | 66219     | 67233     | 67357     | 66936     | 0.93   | cps   |
| Copper     | 63-2  | 9763      | 9597      | 9483      | 9614      | 1.47   | cps   |
| Dysprosium | 156-1 | 133       | 100       | 92        | 108       | 20.35  | cps   |
| Dysprosium | 156-2 | 47        | 37        | 53        | 46        | 18.41  | cps   |
| Erbium     | 164-1 | 58        | 83        | 33        | 58        | 42.86  | cps   |
| Erbium     | 164-2 | 30        | 47        | 20        | 32        | 41.81  | cps   |
| Gadolinium | 160-1 | 133       | 183       | 225       | 181       | 25.42  | cps   |
| Gadolinium | 160-2 | 223       | 243       | 257       | 241       | 6.96   | cps   |
| Holmium    | 165-1 | 15718211  | 15862063  | 15921812  | 15834029  | 0.66   | cps   |
| Holmium    | 165-2 | 8817458   | 8908010   | 8854984   | 8860151   | 0.51   | cps   |
| Indium     | 115-1 | 10964020  | 10964385  | 11000161  | 10976188  | 0.19   | cps   |
| Indium     | 115-2 | 2874833   | 2897980   | 2925615   | 2899476   | 0.88   | cps   |
| Iron       | 56-2  | 749349661 | 753443528 | 763037928 | 755277039 | 0.93   | cps   |
| Iron       | 57-2  | 18313584  | 18445593  | 18585424  | 18448200  | 0.74   | cps   |
| Krypton    | 83-1  | 513       | 557       | 657       | 576       | 12.77  | cps   |
| Lead       | 206-1 | 43801     | 43806     | 43427     | 43678     | 0.50   | cps   |
| Lead       | 207-1 | 36367     | 37025     | 37281     | 36891     | 1.28   | cps   |
| Lead       | 208-1 | 171042    | 172084    | 170981    | 171369    | 0.36   | cps   |
| Lithium    | 6-1   | 2552167   | 2565526   | 2616889   | 2578194   | 1.33   | cps   |
| Magnesium  | 24-2  | 141342703 | 142918641 | 143871962 | 142711102 | 0.90   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CAL5_P7042318- M5 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 16473     | 16406     | 16056     | 16311     | 1.37   | cps   |
| Molybdenum | 94-1  | 19122     | 18763     | 19088     | 18991     | 1.04   | cps   |
| Molybdenum | 95-1  | 31544     | 30717     | 30717     | 30993     | 1.54   | cps   |
| Molybdenum | 96-1  | 36682     | 34726     | 36113     | 35840     | 2.81   | cps   |
| Molybdenum | 97-1  | 19748     | 18846     | 19681     | 19425     | 2.58   | cps   |
| Molybdenum | 98-1  | 48525     | 48216     | 48132     | 48291     | 0.43   | cps   |
| Neodymium  | 150-1 | 127       | 180       | 187       | 164       | 20.00  | cps   |
| Neodymium  | 150-2 | 47        | 63        | 77        | 62        | 24.16  | cps   |
| Nickel     | 60-2  | 36335     | 35994     | 36730     | 36353     | 1.01   | cps   |
| Phosphorus | 31-2  | 617       | 742       | 700       | 686       | 9.28   | cps   |
| Potassium  | 39-2  | 77259856  | 77876225  | 78607375  | 77914485  | 0.87   | cps   |
| Rhodium    | 103-1 | 9801136   | 9882276   | 9948006   | 9877139   | 0.74   | cps   |
| Rhodium    | 103-2 | 5454419   | 5507181   | 5501833   | 5487811   | 0.53   | cps   |
| Scandium   | 45-1  | 6887541   | 6882539   | 6947472   | 6905851   | 0.52   | cps   |
| Scandium   | 45-2  | 471295    | 470190    | 473770    | 471752    | 0.39   | cps   |
| Selenium   | 77-2  | 3         | 10        | 3         | 6         | 69.34  | cps   |
| Selenium   | 78-2  | 104       | 143       | 156       | 134       | 20.14  | cps   |
| Selenium   | 82-1  | 241       | 177       | 84        | 167       | 47.17  | cps   |
| Silicon    | 28-1  | 948932    | 964783    | 976707    | 963474    | 1.45   | cps   |
| Silver     | 109-1 | 983       | 1075      | 967       | 1008      | 5.79   | cps   |
| Silver     | 107-1 | 1100      | 908       | 1417      | 1142      | 22.49  | cps   |
| Sodium     | 23-2  | 266460098 | 266400139 | 270041406 | 267633881 | 0.78   | cps   |
| Strontium  | 86-1  | 94158     | 96313     | 95215     | 95229     | 1.13   | cps   |
| Strontium  | 88-1  | 843162    | 834040    | 828171    | 835124    | 0.90   | cps   |
| Sulfur     | 34-1  | 389518    | 395295    | 397463    | 394092    | 1.04   | cps   |
| Terbium    | 159-1 | 15984196  | 15956836  | 15993211  | 15978081  | 0.12   | cps   |
| Terbium    | 159-2 | 8760333   | 8621161   | 8857907   | 8746467   | 1.36   | cps   |
| Thallium   | 203-1 | 5126      | 4826      | 4318      | 4757      | 8.59   | cps   |
| Thallium   | 205-1 | 11347     | 10813     | 10688     | 10949     | 3.20   | cps   |
| Tin        | 118-1 | 18379     | 18096     | 17762     | 18079     | 1.71   | cps   |
| Titanium   | 47-1  | 3184      | 3109      | 3200      | 3164      | 1.54   | cps   |
| Uranium    | 238-1 | 2284      | 2067      | 1967      | 2106      | 7.69   | cps   |
| Vanadium   | 51-2  | 1423      | 1460      | 1340      | 1408      | 4.37   | cps   |
| Yttrium    | 89-1  | 11858819  | 11756730  | 11771130  | 11795560  | 0.47   | cps   |
| Yttrium    | 89-2  | 2381272   | 2399965   | 2411104   | 2397447   | 0.63   | cps   |
| Zinc       | 66-2  | 6075      | 5961      | 6432      | 6156      | 3.99   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 14:36:25 | DataFile Name :   | 011CALS_P7042318- MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3876 | 3859 | 3334 | 3690    | 8.35   | cps   |
| Zirconium | 91-1 | 775  | 792  | 783  | 783     | 1.06   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:55:36 DataFile Name : 012ICV01\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 69705    | 70115    | 69244    | 69688    | 0.63   | cps   |
| Antimony   | 121-1 | 1916600  | 1915112  | 1921658  | 1917790  | 0.18   | cps   |
| Arsenic    | 75-2  | 90244    | 89491    | 89562    | 89766    | 0.46   | cps   |
| Barium     | 135-1 | 223112   | 230167   | 225738   | 226339   | 1.58   | cps   |
| Barium     | 137-1 | 391708   | 398081   | 394919   | 394903   | 0.81   | cps   |
| Beryllium  | 9-1   | 188999   | 189614   | 188690   | 189101   | 0.25   | cps   |
| Bismuth    | 209-1 | 10304387 | 10357380 | 10278741 | 10313503 | 0.39   | cps   |
| Bismuth    | 209-2 | 6263609  | 6273328  | 6282246  | 6273061  | 0.15   | cps   |
| Boron      | 10-1  | 122811   | 124718   | 126678   | 124736   | 1.55   | cps   |
| Boron      | 11-1  | 571846   | 590911   | 586361   | 583039   | 1.71   | cps   |
| Cadmium    | 111-1 | 234878   | 234212   | 236354   | 235148   | 0.47   | cps   |
| Cadmium    | 106-1 | 48184    | 48216    | 48133    | 48178    | 0.09   | cps   |
| Cadmium    | 108-1 | 24426    | 23491    | 24476    | 24131    | 2.30   | cps   |
| Calcium    | 43-1  | 59102    | 57989    | 58349    | 58480    | 0.97   | cps   |
| Calcium    | 44-1  | 912303   | 917022   | 904761   | 911362   | 0.68   | cps   |
| Chromium   | 52-2  | 363962   | 364209   | 363581   | 363917   | 0.09   | cps   |
| Cobalt     | 59-2  | 579419   | 585178   | 579985   | 581527   | 0.55   | cps   |
| Copper     | 63-2  | 407324   | 410665   | 410218   | 409402   | 0.44   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 117      | 108      | 83       | 103      | 16.88  | cps   |
| Erbium     | 164-2 | 50       | 30       | 57       | 46       | 30.47  | cps   |
| Gadolinium | 160-1 | 83       | 42       | 83       | 69       | 34.64  | cps   |
| Gadolinium | 160-2 | 247      | 230      | 160      | 212      | 21.67  | cps   |
| Holmium    | 165-1 | 15540489 | 15828724 | 15671005 | 15680073 | 0.92   | cps   |
| Holmium    | 165-2 | 8824406  | 8793018  | 8748936  | 8788787  | 0.43   | cps   |
| Indium     | 115-1 | 11645702 | 11635254 | 11617253 | 11632736 | 0.12   | cps   |
| Indium     | 115-2 | 3048091  | 3037425  | 3051072  | 3045530  | 0.24   | cps   |
| Iron       | 56-2  | 3122110  | 3136817  | 3151486  | 3136804  | 0.47   | cps   |
| Iron       | 57-2  | 77247    | 77404    | 77610    | 77420    | 0.24   | cps   |
| Krypton    | 83-1  | 550      | 583      | 550      | 561      | 3.43   | cps   |
| Lead       | 206-1 | 1567773  | 1591437  | 1586035  | 1581749  | 0.78   | cps   |
| Lead       | 207-1 | 1317618  | 1332629  | 1328210  | 1326152  | 0.58   | cps   |
| Lead       | 208-1 | 6173279  | 6221267  | 6221497  | 6205348  | 0.45   | cps   |
| Lithium    | 6-1   | 2826857  | 2826705  | 2802844  | 2818802  | 0.49   | cps   |
| Magnesium  | 24-2  | 345266   | 344799   | 344299   | 344788   | 0.14   | cps   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:55:36 DataFile Name : 012ICV01\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 216731   | 218335   | 217225   | 217430   | 0.38   | cps   |
| Molybdenum | 94-1  | 4564485  | 4574174  | 4526521  | 4555060  | 0.55   | cps   |
| Molybdenum | 95-1  | 2535063  | 2558096  | 2526586  | 2539915  | 0.64   | cps   |
| Molybdenum | 96-1  | 3206116  | 3232713  | 3199601  | 3212810  | 0.55   | cps   |
| Molybdenum | 97-1  | 1567664  | 1567268  | 1551804  | 1562245  | 0.58   | cps   |
| Molybdenum | 98-1  | 4063958  | 4096024  | 4066420  | 4075468  | 0.44   | cps   |
| Neodymium  | 150-1 | 7        | 27       | 33       | 22       | 62.43  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 151782   | 154676   | 152102   | 152854   | 1.04   | cps   |
| Phosphorus | 31-2  | 692      | 733      | 692      | 706      | 3.41   | cps   |
| Potassium  | 39-2  | 685126   | 686020   | 681769   | 684305   | 0.33   | cps   |
| Rhodium    | 103-1 | 11135192 | 11226023 | 11036272 | 11132496 | 0.85   | cps   |
| Rhodium    | 103-2 | 6141679  | 6121623  | 6130228  | 6131177  | 0.16   | cps   |
| Scandium   | 45-1  | 7203501  | 7240935  | 7180198  | 7208211  | 0.43   | cps   |
| Scandium   | 45-2  | 473927   | 475759   | 470485   | 473391   | 0.57   | cps   |
| Selenium   | 77-2  | 1883     | 1800     | 1850     | 1845     | 2.27   | cps   |
| Selenium   | 78-2  | 6635     | 6628     | 6444     | 6569     | 1.65   | cps   |
| Selenium   | 82-1  | 28057    | 28152    | 28113    | 28108    | 0.17   | cps   |
| Silicon    | 28-1  | 3521718  | 3533712  | 3502274  | 3519235  | 0.45   | cps   |
| Silver     | 109-1 | 1097337  | 1086491  | 1095702  | 1093177  | 0.53   | cps   |
| Silver     | 107-1 | 1151695  | 1152912  | 1142761  | 1149123  | 0.48   | cps   |
| Sodium     | 23-2  | 1113292  | 1105013  | 1095730  | 1104678  | 0.80   | cps   |
| Strontium  | 86-1  | 1570314  | 1573609  | 1556952  | 1566958  | 0.56   | cps   |
| Strontium  | 88-1  | 13801134 | 13842168 | 13671805 | 13771702 | 0.65   | cps   |
| Sulfur     | 34-1  | 484944   | 481921   | 476256   | 481040   | 0.92   | cps   |
| Terbium    | 159-1 | 15775679 | 16087534 | 15904595 | 15922603 | 0.98   | cps   |
| Terbium    | 159-2 | 8718592  | 8753576  | 8756171  | 8742780  | 0.24   | cps   |
| Thallium   | 203-1 | 1951858  | 1959570  | 1962818  | 1958082  | 0.29   | cps   |
| Thallium   | 205-1 | 4735210  | 4781538  | 4783371  | 4766706  | 0.57   | cps   |
| Tin        | 118-1 | 4064774  | 4077742  | 4090412  | 4077643  | 0.31   | cps   |
| Titanium   | 47-1  | 678171   | 681947   | 674158   | 678092   | 0.57   | cps   |
| Uranium    | 238-1 | 17607342 | 17537786 | 17609644 | 17584924 | 0.23   | cps   |
| Vanadium   | 51-2  | 302349   | 303736   | 305207   | 303764   | 0.47   | cps   |
| Yttrium    | 89-1  | 12196900 | 12266364 | 12135865 | 12199710 | 0.54   | cps   |
| Yttrium    | 89-2  | 2398061  | 2397534  | 2384971  | 2393522  | 0.31   | cps   |
| Zinc       | 66-2  | 120953   | 122572   | 120152   | 121226   | 1.02   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-04-23 14:55:36 | DataFile Name :   | 012ICV01_P7042318- M: |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 8425561 | 8439157 | 8442165 | 8435627 | 0.10   | cps   |
| Zirconium | 91-1 | 1879452 | 1873727 | 1868803 | 1873994 | 0.28   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 14:59:21 DataFile Name : 013CCBE\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 92       | 142      | 125      | 23.09  | cps   |
| Antimony   | 121-1 | 1859     | 2384     | 3251     | 2498     | 28.15  | cps   |
| Arsenic    | 75-2  | 13       | 19       | 28       | 20       | 37.90  | cps   |
| Barium     | 135-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Barium     | 137-1 | 75       | 117      | 67       | 86       | 31.11  | cps   |
| Beryllium  | 9-1   | 194      | 133      | 128      | 152      | 24.36  | cps   |
| Bismuth    | 209-1 | 10278700 | 10272813 | 10290665 | 10280726 | 0.09   | cps   |
| Bismuth    | 209-2 | 6258498  | 6259775  | 6272756  | 6263676  | 0.13   | cps   |
| Boron      | 10-1  | 1775     | 1533     | 1659     | 1656     | 7.30   | cps   |
| Boron      | 11-1  | 8219     | 7844     | 7394     | 7819     | 5.29   | cps   |
| Cadmium    | 111-1 | 1882     | 1951     | 1815     | 1883     | 3.61   | cps   |
| Cadmium    | 106-1 | 3717     | 3884     | 3601     | 3734     | 3.81   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 167      | 175      | 100      | 147      | 27.92  | cps   |
| Calcium    | 44-1  | 10879    | 11714    | 10880    | 11158    | 4.32   | cps   |
| Chromium   | 52-2  | 643      | 663      | 700      | 669      | 4.30   | cps   |
| Cobalt     | 59-2  | 103      | 110      | 120      | 111      | 7.55   | cps   |
| Copper     | 63-2  | 1337     | 1643     | 1457     | 1479     | 10.45  | cps   |
| Dysprosium | 156-1 | 17       | 8        | 33       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 58       | 33       | 25       | 39       | 44.62  | cps   |
| Erbium     | 164-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Gadolinium | 160-1 | 100      | 83       | 58       | 81       | 26.03  | cps   |
| Gadolinium | 160-2 | 197      | 197      | 243      | 212      | 12.70  | cps   |
| Holmium    | 165-1 | 15621871 | 15685238 | 15686847 | 15664652 | 0.24   | cps   |
| Holmium    | 165-2 | 8925686  | 8864565  | 8838224  | 8876158  | 0.51   | cps   |
| Indium     | 115-1 | 11749079 | 11748561 | 11859350 | 11785663 | 0.54   | cps   |
| Indium     | 115-2 | 3097250  | 3134522  | 3123283  | 3118352  | 0.61   | cps   |
| Iron       | 56-2  | 7780     | 7485     | 7825     | 7697     | 2.40   | cps   |
| Iron       | 57-2  | 583      | 606      | 783      | 657      | 16.68  | cps   |
| Krypton    | 83-1  | 560      | 693      | 540      | 598      | 13.94  | cps   |
| Lead       | 206-1 | 956      | 911      | 939      | 935      | 2.40   | cps   |
| Lead       | 207-1 | 828      | 806      | 795      | 809      | 2.10   | cps   |
| Lead       | 208-1 | 3561     | 3745     | 3961     | 3756     | 5.33   | cps   |
| Lithium    | 6-1   | 2790322  | 2784035  | 2776332  | 2783563  | 0.25   | cps   |
| Magnesium  | 24-2  | 350      | 450      | 475      | 425      | 15.56  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 14:59:21 | DataFile Name :   | 013CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 97       | 50       | 90       | 79       | 31.99  | cps   |
| Molybdenum | 94-1  | 692      | 767      | 492      | 650      | 21.87  | cps   |
| Molybdenum | 95-1  | 550      | 483      | 608      | 547      | 11.43  | cps   |
| Molybdenum | 96-1  | 767      | 692      | 842      | 767      | 9.78   | cps   |
| Molybdenum | 97-1  | 400      | 417      | 375      | 397      | 5.28   | cps   |
| Molybdenum | 98-1  | 1050     | 833      | 833      | 906      | 13.81  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 0        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 47       | 60       | 80       | 62       | 26.96  | cps   |
| Phosphorus | 31-2  | 642      | 933      | 767      | 781      | 18.75  | cps   |
| Potassium  | 39-2  | 64650    | 64616    | 64843    | 64703    | 0.19   | cps   |
| Rhodium    | 103-1 | 11194718 | 11203760 | 11257626 | 11218701 | 0.30   | cps   |
| Rhodium    | 103-2 | 6214495  | 6273591  | 6231914  | 6240000  | 0.49   | cps   |
| Scandium   | 45-1  | 7169743  | 7228164  | 7174109  | 7190672  | 0.45   | cps   |
| Scandium   | 45-2  | 486860   | 483382   | 480558   | 483600   | 0.65   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 124      | 124      | 120      | 123      | 1.74   | cps   |
| Selenium   | 82-1  | 56       | -83      | 66       | 13       | 647.43 | cps   |
| Silicon    | 28-1  | 338267   | 336654   | 335189   | 336703   | 0.46   | cps   |
| Silver     | 109-1 | 233      | 150      | 250      | 211      | 25.38  | cps   |
| Silver     | 107-1 | 133      | 225      | 267      | 208      | 32.74  | cps   |
| Sodium     | 23-2  | 34073    | 34282    | 35418    | 34591    | 2.09   | cps   |
| Strontium  | 86-1  | 750      | 933      | 967      | 883      | 13.21  | cps   |
| Strontium  | 88-1  | 208      | 292      | 283      | 261      | 17.58  | cps   |
| Sulfur     | 34-1  | 463786   | 469585   | 469966   | 467779   | 0.74   | cps   |
| Terbium    | 159-1 | 15950325 | 15960816 | 16041360 | 15984167 | 0.31   | cps   |
| Terbium    | 159-2 | 8780851  | 8821852  | 8821397  | 8808033  | 0.27   | cps   |
| Thallium   | 203-1 | 667      | 625      | 508      | 600      | 13.68  | cps   |
| Thallium   | 205-1 | 1292     | 1317     | 1392     | 1333     | 3.90   | cps   |
| Tin        | 118-1 | 1317     | 1383     | 1333     | 1345     | 2.58   | cps   |
| Titanium   | 47-1  | 92       | 183      | 117      | 131      | 36.30  | cps   |
| Uranium    | 238-1 | 317      | 400      | 250      | 322      | 23.33  | cps   |
| Vanadium   | 51-2  | 17       | 13       | 23       | 18       | 28.64  | cps   |
| Yttrium    | 89-1  | 12165544 | 12297906 | 12246232 | 12236561 | 0.55   | cps   |
| Yttrium    | 89-2  | 2456516  | 2461739  | 2451989  | 2456748  | 0.20   | cps   |
| Zinc       | 66-2  | 167      | 233      | 223      | 208      | 17.30  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 14:59:21 | DataFile Name :   | 013CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 800  | 992  | 983  | 925     | 11.71  | cps   |
| Zirconium | 91-1 | 217  | 175  | 183  | 192     | 11.50  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:08:15 DataFile Name : 015ICSA01\_P7042318-1

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11277060  | 11261615  | 11337835  | 11292170  | 0.36   | cps   |
| Antimony   | 121-1 | 11422     | 11013     | 11347     | 11261     | 1.93   | cps   |
| Arsenic    | 75-2  | 146       | 167       | 156       | 156       | 6.53   | cps   |
| Barium     | 135-1 | 3576      | 3401      | 3167      | 3381      | 6.06   | cps   |
| Barium     | 137-1 | 5993      | 6227      | 6293      | 6171      | 2.55   | cps   |
| Beryllium  | 9-1   | 661       | 589       | 544       | 598       | 9.84   | cps   |
| Bismuth    | 209-1 | 9765302   | 9753378   | 9761418   | 9760033   | 0.06   | cps   |
| Bismuth    | 209-2 | 5968598   | 5953198   | 5941501   | 5954432   | 0.23   | cps   |
| Boron      | 10-1  | 692       | 758       | 708       | 719       | 4.82   | cps   |
| Boron      | 11-1  | 3376      | 3401      | 3467      | 3414      | 1.39   | cps   |
| Cadmium    | 111-1 | 2504      | 2401      | 2297      | 2401      | 4.30   | cps   |
| Cadmium    | 106-1 | 3017      | 3134      | 3259      | 3137      | 3.85   | cps   |
| Cadmium    | 108-1 | 1388      | 1392      | 1546      | 1442      | 6.26   | cps   |
| Calcium    | 43-1  | 2450469   | 2445356   | 2441409   | 2445745   | 0.19   | cps   |
| Calcium    | 44-1  | 39970220  | 39921235  | 39967006  | 39952820  | 0.07   | cps   |
| Chromium   | 52-2  | 82921     | 81849     | 81983     | 82251     | 0.71   | cps   |
| Cobalt     | 59-2  | 6915      | 7035      | 7045      | 6998      | 1.03   | cps   |
| Copper     | 63-2  | 31033     | 31547     | 31120     | 31233     | 0.88   | cps   |
| Dysprosium | 156-1 | 67        | 33        | 67        | 56        | 34.65  | cps   |
| Dysprosium | 156-2 | 37        | 27        | 17        | 27        | 37.50  | cps   |
| Erbium     | 164-1 | 67        | 108       | 75        | 83        | 26.46  | cps   |
| Erbium     | 164-2 | 33        | 53        | 30        | 39        | 32.45  | cps   |
| Gadolinium | 160-1 | 108       | 100       | 142       | 117       | 18.89  | cps   |
| Gadolinium | 160-2 | 243       | 183       | 180       | 202       | 17.63  | cps   |
| Holmium    | 165-1 | 15702738  | 15876035  | 15955205  | 15844659  | 0.81   | cps   |
| Holmium    | 165-2 | 9000071   | 8975602   | 9001630   | 8992435   | 0.16   | cps   |
| Indium     | 115-1 | 11307497  | 11364104  | 11434495  | 11368699  | 0.56   | cps   |
| Indium     | 115-2 | 3033885   | 3057870   | 3029930   | 3040562   | 0.50   | cps   |
| Iron       | 56-2  | 296171173 | 295468618 | 295141429 | 295593740 | 0.18   | cps   |
| Iron       | 57-2  | 7254460   | 7235120   | 7192492   | 7227357   | 0.44   | cps   |
| Krypton    | 83-1  | 577       | 563       | 603       | 581       | 3.50   | cps   |
| Lead       | 206-1 | 35370     | 34629     | 34668     | 34889     | 1.19   | cps   |
| Lead       | 207-1 | 27474     | 26093     | 26744     | 26770     | 2.58   | cps   |
| Lead       | 208-1 | 129002    | 127396    | 128964    | 128454    | 0.71   | cps   |
| Lithium    | 6-1   | 2546190   | 2561510   | 2530864   | 2546188   | 0.60   | cps   |
| Magnesium  | 24-2  | 26290428  | 26104020  | 26112722  | 26169057  | 0.40   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:08:15 | DataFile Name :   | 015ICSA01_P7042318-1 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 17697    | 17938    | 17627    | 17754    | 0.92   | cps   |
| Molybdenum | 94-1  | 4925923  | 5000678  | 4943772  | 4956791  | 0.79   | cps   |
| Molybdenum | 95-1  | 8664965  | 8793731  | 8723544  | 8727414  | 0.74   | cps   |
| Molybdenum | 96-1  | 9156950  | 9251490  | 9258612  | 9222351  | 0.62   | cps   |
| Molybdenum | 97-1  | 5431019  | 5441928  | 5470066  | 5447671  | 0.37   | cps   |
| Molybdenum | 98-1  | 13888783 | 13946571 | 14027173 | 13954176 | 0.50   | cps   |
| Neodymium  | 150-1 | 7        | 40       | 73       | 40       | 83.33  | cps   |
| Neodymium  | 150-2 | 40       | 10       | 27       | 26       | 58.81  | cps   |
| Nickel     | 60-2  | 11528    | 11928    | 11568    | 11675    | 1.89   | cps   |
| Phosphorus | 31-2  | 712250   | 713253   | 715751   | 713751   | 0.25   | cps   |
| Potassium  | 39-2  | 29470530 | 29371937 | 29532037 | 29458168 | 0.27   | cps   |
| Rhodium    | 103-1 | 10390582 | 10486795 | 10539452 | 10472277 | 0.72   | cps   |
| Rhodium    | 103-2 | 5850580  | 5845724  | 5834704  | 5843669  | 0.14   | cps   |
| Scandium   | 45-1  | 6971970  | 6989348  | 6923476  | 6961598  | 0.49   | cps   |
| Scandium   | 45-2  | 471595   | 470385   | 474398   | 472126   | 0.44   | cps   |
| Selenium   | 77-2  | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 133      | 146      | 141      | 140      | 4.64   | cps   |
| Selenium   | 82-1  | 84       | 33       | 42       | 53       | 51.04  | cps   |
| Silicon    | 28-1  | 440143   | 441581   | 442686   | 441470   | 0.29   | cps   |
| Silver     | 109-1 | 1092     | 1400     | 1392     | 1295     | 13.57  | cps   |
| Silver     | 107-1 | 1208     | 1559     | 1417     | 1395     | 12.63  | cps   |
| Sodium     | 23-2  | 50390038 | 50254690 | 50095952 | 50246893 | 0.29   | cps   |
| Strontium  | 86-1  | 95155    | 93420    | 94343    | 94306    | 0.92   | cps   |
| Strontium  | 88-1  | 817819   | 808700   | 815201   | 813907   | 0.58   | cps   |
| Sulfur     | 34-1  | 3973156  | 3963453  | 3957788  | 3964799  | 0.20   | cps   |
| Terbium    | 159-1 | 16051630 | 16163697 | 16134098 | 16116475 | 0.36   | cps   |
| Terbium    | 159-2 | 8868243  | 8902468  | 8879512  | 8883408  | 0.20   | cps   |
| Thallium   | 203-1 | 1175     | 1208     | 1033     | 1139     | 8.16   | cps   |
| Thallium   | 205-1 | 2767     | 3009     | 2717     | 2831     | 5.51   | cps   |
| Tin        | 118-1 | 2242     | 2292     | 2367     | 2300     | 2.74   | cps   |
| Titanium   | 47-1  | 2324233  | 2340032  | 2324660  | 2329642  | 0.39   | cps   |
| Uranium    | 238-1 | 583      | 583      | 633      | 600      | 4.81   | cps   |
| Vanadium   | 51-2  | 597      | 643      | 627      | 622      | 3.80   | cps   |
| Yttrium    | 89-1  | 12049161 | 12153501 | 12042999 | 12081887 | 0.51   | cps   |
| Yttrium    | 89-2  | 2420652  | 2426734  | 2424240  | 2423875  | 0.13   | cps   |
| Zinc       | 66-2  | 7189     | 7149     | 7189     | 7175     | 0.32   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:08:15 | DataFile Name :   | 015ICSA01_P7042318-1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1367 | 1450 | 1400 | 1406    | 2.98   | cps   |
| Zirconium | 91-1 | 317  | 250  | 183  | 250     | 26.67  | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11433350  | 11515553  | 11570668  | 11506524  | 0.60   | cps   |
| Antimony   | 121-1 | 200199    | 200041    | 197502    | 199247    | 0.76   | cps   |
| Arsenic    | 75-2  | 8981      | 9223      | 9394      | 9199      | 2.26   | cps   |
| Barium     | 135-1 | 48795     | 47775     | 48034     | 48201     | 1.10   | cps   |
| Barium     | 137-1 | 84280     | 83149     | 84131     | 83853     | 0.73   | cps   |
| Beryllium  | 9-1   | 34673     | 34339     | 34239     | 34417     | 0.66   | cps   |
| Bismuth    | 209-1 | 9859110   | 9761379   | 9857097   | 9825862   | 0.57   | cps   |
| Bismuth    | 209-2 | 5943568   | 6035376   | 6039506   | 6006150   | 0.90   | cps   |
| Boron      | 10-1  | 13073     | 11947     | 13348     | 12789     | 5.81   | cps   |
| Boron      | 11-1  | 60296     | 61300     | 61668     | 61088     | 1.16   | cps   |
| Cadmium    | 111-1 | 46045     | 44378     | 45725     | 45383     | 1.95   | cps   |
| Cadmium    | 106-1 | 9812      | 8962      | 9737      | 9504      | 4.96   | cps   |
| Cadmium    | 108-1 | 5134      | 5105      | 5222      | 5154      | 1.18   | cps   |
| Calcium    | 43-1  | 2451079   | 2433722   | 2431223   | 2438674   | 0.44   | cps   |
| Calcium    | 44-1  | 40133660  | 39745050  | 40152417  | 40010376  | 0.57   | cps   |
| Chromium   | 52-2  | 158751    | 157588    | 159125    | 158488    | 0.51   | cps   |
| Cobalt     | 59-2  | 115594    | 117667    | 119119    | 117460    | 1.51   | cps   |
| Copper     | 63-2  | 108371    | 108572    | 108180    | 108374    | 0.18   | cps   |
| Dysprosium | 156-1 | 75        | 58        | 25        | 53        | 48.24  | cps   |
| Dysprosium | 156-2 | 27        | 20        | 23        | 23        | 14.29  | cps   |
| Erbium     | 164-1 | 92        | 100       | 75        | 89        | 14.32  | cps   |
| Erbium     | 164-2 | 30        | 50        | 37        | 39        | 26.18  | cps   |
| Gadolinium | 160-1 | 108       | 75        | 125       | 103       | 24.77  | cps   |
| Gadolinium | 160-2 | 283       | 237       | 227       | 249       | 12.15  | cps   |
| Holmium    | 165-1 | 16089314  | 15963834  | 15776275  | 15943141  | 0.99   | cps   |
| Holmium    | 165-2 | 8962584   | 9127755   | 9041540   | 9043959   | 0.91   | cps   |
| Indium     | 115-1 | 11496314  | 11405564  | 11436992  | 11446290  | 0.40   | cps   |
| Indium     | 115-2 | 3054413   | 3090066   | 3090316   | 3078265   | 0.67   | cps   |
| Iron       | 56-2  | 301403573 | 302805807 | 303647996 | 302619125 | 0.37   | cps   |
| Iron       | 57-2  | 7329470   | 7400274   | 7387637   | 7372460   | 0.51   | cps   |
| Krypton    | 83-1  | 490       | 583       | 583       | 552       | 9.76   | cps   |
| Lead       | 206-1 | 188458    | 185173    | 186104    | 186579    | 0.91   | cps   |
| Lead       | 207-1 | 151683    | 149853    | 150212    | 150583    | 0.64   | cps   |
| Lead       | 208-1 | 711659    | 702345    | 710252    | 708085    | 0.71   | cps   |
| Lithium    | 6-1   | 2528250   | 2528319   | 2539051   | 2531873   | 0.25   | cps   |
| Magnesium  | 24-2  | 26615737  | 26728215  | 26874099  | 26739350  | 0.48   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 60571    | 61930    | 61334    | 61278    | 1.11   | cps   |
| Molybdenum | 94-1  | 5527204  | 5455225  | 5456252  | 5479560  | 0.75   | cps   |
| Molybdenum | 95-1  | 9019202  | 8977954  | 9008619  | 9001925  | 0.24   | cps   |
| Molybdenum | 96-1  | 9529862  | 9475270  | 9560551  | 9521894  | 0.45   | cps   |
| Molybdenum | 97-1  | 5668378  | 5616866  | 5609025  | 5631423  | 0.57   | cps   |
| Molybdenum | 98-1  | 14593634 | 14320991 | 14433781 | 14449469 | 0.95   | cps   |
| Neodymium  | 150-1 | 53       | 40       | 47       | 47       | 14.29  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 27       | 22       | 17.33  | cps   |
| Nickel     | 60-2  | 40499    | 41599    | 40630    | 40909    | 1.47   | cps   |
| Phosphorus | 31-2  | 731022   | 732090   | 739828   | 734313   | 0.65   | cps   |
| Potassium  | 39-2  | 30105259 | 30116586 | 30183713 | 30135186 | 0.14   | cps   |
| Rhodium    | 103-1 | 10619655 | 10474633 | 10529049 | 10541112 | 0.69   | cps   |
| Rhodium    | 103-2 | 5837788  | 5919362  | 5922779  | 5893310  | 0.82   | cps   |
| Scandium   | 45-1  | 7023693  | 6940845  | 6975284  | 6979941  | 0.60   | cps   |
| Scandium   | 45-2  | 472186   | 478169   | 480140   | 476832   | 0.87   | cps   |
| Selenium   | 77-2  | 203      | 190      | 167      | 187      | 9.94   | cps   |
| Selenium   | 78-2  | 724      | 819      | 696      | 746      | 8.59   | cps   |
| Selenium   | 82-1  | 2777     | 2602     | 2722     | 2700     | 3.31   | cps   |
| Silicon    | 28-1  | 775939   | 776698   | 774181   | 775606   | 0.17   | cps   |
| Silver     | 109-1 | 198281   | 196828   | 198634   | 197914   | 0.48   | cps   |
| Silver     | 107-1 | 209741   | 206324   | 207382   | 207816   | 0.84   | cps   |
| Sodium     | 23-2  | 50872101 | 51095312 | 51278530 | 51081981 | 0.40   | cps   |
| Strontium  | 86-1  | 261497   | 260454   | 261609   | 261187   | 0.24   | cps   |
| Strontium  | 88-1  | 2325461  | 2291622  | 2312542  | 2309875  | 0.74   | cps   |
| Sulfur     | 34-1  | 3959953  | 3951047  | 3976976  | 3962659  | 0.33   | cps   |
| Terbium    | 159-1 | 16108802 | 16130726 | 16100320 | 16113283 | 0.10   | cps   |
| Terbium    | 159-2 | 8962569  | 9010676  | 8995298  | 8989514  | 0.27   | cps   |
| Thallium   | 203-1 | 186558   | 186032   | 182275   | 184955   | 1.26   | cps   |
| Thallium   | 205-1 | 449844   | 443549   | 443244   | 445546   | 0.84   | cps   |
| Tin        | 118-1 | 435405   | 429857   | 431690   | 432317   | 0.65   | cps   |
| Titanium   | 47-1  | 2428486  | 2412147  | 2413160  | 2417931  | 0.38   | cps   |
| Uranium    | 238-1 | 1888228  | 1878176  | 1905332  | 1890579  | 0.73   | cps   |
| Vanadium   | 51-2  | 59426    | 60233    | 60955    | 60205    | 1.27   | cps   |
| Yttrium    | 89-1  | 12174119 | 12074456 | 12136221 | 12128266 | 0.41   | cps   |
| Yttrium    | 89-2  | 2448509  | 2472855  | 2464433  | 2461932  | 0.50   | cps   |
| Zinc       | 66-2  | 18422    | 18809    | 18912    | 18714    | 1.38   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:11:50 | DataFile Name :   | 016ICSB_P7042318- MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 921231 | 915741 | 917312 | 918095  | 0.31   | cps   |
| Zirconium | 91-1 | 203604 | 205665 | 203223 | 204164  | 0.64   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6490438   | 6535498   | 6590107   | 6538681   | 0.76   | cps   |
| Antimony   | 121-1 | 4909929   | 4914919   | 4909315   | 4911387   | 0.06   | cps   |
| Arsenic    | 75-2  | 224732    | 225394    | 223548    | 224558    | 0.42   | cps   |
| Barium     | 135-1 | 5803912   | 5786689   | 5797621   | 5796074   | 0.15   | cps   |
| Barium     | 137-1 | 9928513   | 9942186   | 9971166   | 9947289   | 0.22   | cps   |
| Beryllium  | 9-1   | 892070    | 899441    | 895123    | 895545    | 0.41   | cps   |
| Bismuth    | 209-1 | 9622360   | 9670492   | 9587795   | 9626882   | 0.43   | cps   |
| Bismuth    | 209-2 | 5827221   | 5841598   | 5854459   | 5841093   | 0.23   | cps   |
| Boron      | 10-1  | 102504    | 102210    | 103763    | 102825    | 0.80   | cps   |
| Boron      | 11-1  | 479458    | 487113    | 492785    | 486452    | 1.37   | cps   |
| Cadmium    | 111-1 | 1092846   | 1088803   | 1087034   | 1089561   | 0.27   | cps   |
| Cadmium    | 106-1 | 122056    | 122256    | 120928    | 121747    | 0.59   | cps   |
| Cadmium    | 108-1 | 81512     | 84320     | 80498     | 82110     | 2.41   | cps   |
| Calcium    | 43-1  | 6225516   | 6267560   | 6251500   | 6248192   | 0.34   | cps   |
| Calcium    | 44-1  | 102096909 | 102469642 | 101741598 | 102102716 | 0.36   | cps   |
| Chromium   | 52-2  | 1854798   | 1861048   | 1864745   | 1860197   | 0.27   | cps   |
| Cobalt     | 59-2  | 2725133   | 2745717   | 2734837   | 2735229   | 0.38   | cps   |
| Copper     | 63-2  | 3659978   | 3724097   | 3705088   | 3696388   | 0.89   | cps   |
| Dysprosium | 156-1 | 167       | 117       | 125       | 136       | 19.68  | cps   |
| Dysprosium | 156-2 | 117       | 127       | 137       | 127       | 7.89   | cps   |
| Erbium     | 164-1 | 92        | 117       | 75        | 94        | 22.21  | cps   |
| Erbium     | 164-2 | 20        | 27        | 27        | 24        | 15.75  | cps   |
| Gadolinium | 160-1 | 133       | 83        | 75        | 97        | 32.45  | cps   |
| Gadolinium | 160-2 | 247       | 187       | 213       | 216       | 13.95  | cps   |
| Holmium    | 165-1 | 15899485  | 15941969  | 15676178  | 15839211  | 0.90   | cps   |
| Holmium    | 165-2 | 8845069   | 8919244   | 8941680   | 8901998   | 0.57   | cps   |
| Indium     | 115-1 | 11225219  | 11267257  | 11118037  | 11203504  | 0.69   | cps   |
| Indium     | 115-2 | 2916151   | 2955683   | 2973582   | 2948472   | 1.00   | cps   |
| Iron       | 56-2  | 376854864 | 377248486 | 380250931 | 378118094 | 0.49   | cps   |
| Iron       | 57-2  | 9195982   | 9237398   | 9260335   | 9231238   | 0.35   | cps   |
| Krypton    | 83-1  | 543       | 550       | 490       | 528       | 6.23   | cps   |
| Lead       | 206-1 | 3825334   | 3849732   | 3816801   | 3830622   | 0.45   | cps   |
| Lead       | 207-1 | 3333750   | 3352040   | 3328257   | 3338016   | 0.37   | cps   |
| Lead       | 208-1 | 15134037  | 15234837  | 15091460  | 15153445  | 0.49   | cps   |
| Lithium    | 6-1   | 2546163   | 2555799   | 2562292   | 2554751   | 0.32   | cps   |
| Magnesium  | 24-2  | 68047585  | 68388547  | 68800433  | 68412188  | 0.55   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 2130515   | 2143140   | 2153222   | 2142292   | 0.53   | cps   |
| Molybdenum | 94-1  | 9236468   | 9341262   | 9202615   | 9260115   | 0.78   | cps   |
| Molybdenum | 95-1  | 11463483  | 11613977  | 11475154  | 11517538  | 0.73   | cps   |
| Molybdenum | 96-1  | 12543135  | 12683851  | 12495924  | 12574303  | 0.78   | cps   |
| Molybdenum | 97-1  | 7138284   | 7246202   | 7079622   | 7154703   | 1.18   | cps   |
| Molybdenum | 98-1  | 18448311  | 18615454  | 18313938  | 18459235  | 0.82   | cps   |
| Neodymium  | 150-1 | 413       | 360       | 333       | 369       | 11.04  | cps   |
| Neodymium  | 150-2 | 107       | 83        | 90        | 93        | 12.88  | cps   |
| Nickel     | 60-2  | 710941    | 718931    | 715554    | 715142    | 0.56   | cps   |
| Phosphorus | 31-2  | 75324     | 75558     | 77645     | 76176     | 1.68   | cps   |
| Potassium  | 39-2  | 38147112  | 38063072  | 38419957  | 38210047  | 0.49   | cps   |
| Rhodium    | 103-1 | 10302736  | 10337571  | 10114093  | 10251467  | 1.17   | cps   |
| Rhodium    | 103-2 | 5638211   | 5689041   | 5711390   | 5679547   | 0.66   | cps   |
| Scandium   | 45-1  | 6905855   | 6902776   | 6919616   | 6909415   | 0.13   | cps   |
| Scandium   | 45-2  | 467487    | 466872    | 469538    | 467965    | 0.30   | cps   |
| Selenium   | 77-2  | 4564      | 4477      | 4601      | 4547      | 1.39   | cps   |
| Selenium   | 78-2  | 15753     | 15740     | 15825     | 15773     | 0.29   | cps   |
| Selenium   | 82-1  | 66398     | 66722     | 65665     | 66262     | 0.82   | cps   |
| Silicon    | 28-1  | 3492716   | 3557649   | 3555457   | 3535274   | 1.04   | cps   |
| Silver     | 109-1 | 5248945   | 5252559   | 5211420   | 5237642   | 0.43   | cps   |
| Silver     | 107-1 | 5477262   | 5523643   | 5423764   | 5474890   | 0.91   | cps   |
| Sodium     | 23-2  | 128707532 | 129063945 | 130231170 | 129334215 | 0.62   | cps   |
| Strontium  | 86-1  | 1427914   | 1458502   | 1432553   | 1439656   | 1.15   | cps   |
| Strontium  | 88-1  | 12724391  | 12818482  | 12692257  | 12745044  | 0.51   | cps   |
| Sulfur     | 34-1  | 771637    | 777975    | 779569    | 776394    | 0.54   | cps   |
| Terbium    | 159-1 | 15995065  | 16062342  | 16003617  | 16020341  | 0.23   | cps   |
| Terbium    | 159-2 | 8700799   | 8869672   | 8845158   | 8805210   | 1.04   | cps   |
| Thallium   | 203-1 | 4746689   | 4780854   | 4723986   | 4750510   | 0.60   | cps   |
| Thallium   | 205-1 | 11278974  | 11250836  | 11211393  | 11247068  | 0.30   | cps   |
| Tin        | 118-1 | 3656579   | 3634284   | 3612507   | 3634457   | 0.61   | cps   |
| Titanium   | 47-1  | 3000955   | 3001509   | 3010489   | 3004317   | 0.18   | cps   |
| Uranium    | 238-1 | 16318622  | 16336309  | 16148057  | 16267663  | 0.64   | cps   |
| Vanadium   | 51-2  | 1523130   | 1530213   | 1533204   | 1528849   | 0.34   | cps   |
| Yttrium    | 89-1  | 11975422  | 11966805  | 11890650  | 11944292  | 0.39   | cps   |
| Yttrium    | 89-2  | 2386056   | 2389381   | 2406683   | 2394040   | 0.46   | cps   |
| Zinc       | 66-2  | 573155    | 577502    | 576247    | 575635    | 0.39   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:15:25 | DataFile Name :   | 017CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7686927 | 7698488 | 7695475 | 7693630 | 0.08   | cps   |
| Zirconium | 91-1 | 1709283 | 1709401 | 1694385 | 1704356 | 0.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:19:01 | DataFile Name :   | 018CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 367      | 342      | 350      | 353      | 3.61   | cps   |
| Antimony   | 121-1 | 4843     | 5710     | 6343     | 5632     | 13.38  | cps   |
| Arsenic    | 75-2  | 31       | 26       | 17       | 25       | 30.30  | cps   |
| Barium     | 135-1 | 192      | 258      | 225      | 225      | 14.81  | cps   |
| Barium     | 137-1 | 333      | 392      | 442      | 389      | 13.94  | cps   |
| Beryllium  | 9-1   | 206      | 172      | 206      | 194      | 9.90   | cps   |
| Bismuth    | 209-1 | 10317498 | 10269405 | 10275148 | 10287351 | 0.26   | cps   |
| Bismuth    | 209-2 | 6287032  | 6286721  | 6279590  | 6284447  | 0.07   | cps   |
| Boron      | 10-1  | 2267     | 2309     | 1900     | 2159     | 10.41  | cps   |
| Boron      | 11-1  | 10571    | 9720     | 9337     | 9876     | 6.40   | cps   |
| Cadmium    | 111-1 | 1896     | 1936     | 1746     | 1859     | 5.40   | cps   |
| Cadmium    | 106-1 | 3734     | 3776     | 3442     | 3651     | 4.98   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 283      | 258      | 258      | 267      | 5.41   | cps   |
| Calcium    | 44-1  | 13849    | 13031    | 12606    | 13162    | 4.80   | cps   |
| Chromium   | 52-2  | 627      | 660      | 627      | 638      | 3.02   | cps   |
| Cobalt     | 59-2  | 103      | 103      | 137      | 114      | 16.81  | cps   |
| Copper     | 63-2  | 1887     | 1773     | 1777     | 1812     | 3.56   | cps   |
| Dysprosium | 156-1 | 33       | 0        | 8        | 14       | 124.92 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 17       | 33       | 58       | 36       | 58.07  | cps   |
| Erbium     | 164-2 | 47       | 33       | 17       | 32       | 46.65  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 42       | 83       | 45.82  | cps   |
| Gadolinium | 160-2 | 223      | 213      | 173      | 203      | 13.01  | cps   |
| Holmium    | 165-1 | 15776238 | 15611615 | 15738105 | 15708653 | 0.55   | cps   |
| Holmium    | 165-2 | 8964603  | 9008187  | 8950342  | 8974377  | 0.34   | cps   |
| Indium     | 115-1 | 11754685 | 11735439 | 11694206 | 11728110 | 0.26   | cps   |
| Indium     | 115-2 | 3109983  | 3104266  | 3099091  | 3104447  | 0.18   | cps   |
| Iron       | 56-2  | 27632    | 25428    | 23547    | 25536    | 8.01   | cps   |
| Iron       | 57-2  | 1183     | 1128     | 1100     | 1137     | 3.73   | cps   |
| Krypton    | 83-1  | 537      | 507      | 503      | 516      | 3.56   | cps   |
| Lead       | 206-1 | 1167     | 1356     | 1383     | 1302     | 9.06   | cps   |
| Lead       | 207-1 | 1106     | 1133     | 1167     | 1135     | 2.70   | cps   |
| Lead       | 208-1 | 5295     | 5412     | 5478     | 5395     | 1.72   | cps   |
| Lithium    | 6-1   | 2676872  | 2643720  | 2668846  | 2663146  | 0.65   | cps   |
| Magnesium  | 24-2  | 1392     | 1400     | 1300     | 1364     | 4.07   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCB88 Instrumnet Name : P7  
 Client Sample ID : CCB88 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:19:01 DataFile Name : 018CCBE\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 107      | 67       | 93       | 89       | 22.91  | cps   |
| Molybdenum | 94-1  | 1859     | 2000     | 1917     | 1925     | 3.70   | cps   |
| Molybdenum | 95-1  | 2759     | 2542     | 2359     | 2553     | 7.84   | cps   |
| Molybdenum | 96-1  | 3259     | 3126     | 2800     | 3062     | 7.70   | cps   |
| Molybdenum | 97-1  | 1850     | 1825     | 1608     | 1761     | 7.55   | cps   |
| Molybdenum | 98-1  | 4584     | 4376     | 3826     | 4262     | 9.20   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 43       | 40       | 80       | 54       | 40.77  | cps   |
| Phosphorus | 31-2  | 550      | 517      | 575      | 547      | 5.35   | cps   |
| Potassium  | 39-2  | 72503    | 71607    | 70970    | 71693    | 1.07   | cps   |
| Rhodium    | 103-1 | 11092575 | 10916947 | 11069561 | 11026361 | 0.87   | cps   |
| Rhodium    | 103-2 | 6237231  | 6218580  | 6155051  | 6203621  | 0.69   | cps   |
| Scandium   | 45-1  | 7005401  | 6976645  | 7008418  | 6996821  | 0.25   | cps   |
| Scandium   | 45-2  | 471012   | 467080   | 467599   | 468564   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 91       | 119      | 106      | 105      | 13.25  | cps   |
| Selenium   | 82-1  | 79       | 113      | 125      | 106      | 22.38  | cps   |
| Silicon    | 28-1  | 329661   | 325641   | 325781   | 327028   | 0.70   | cps   |
| Silver     | 109-1 | 525      | 517      | 583      | 542      | 6.71   | cps   |
| Silver     | 107-1 | 617      | 650      | 625      | 631      | 2.75   | cps   |
| Sodium     | 23-2  | 67812    | 65594    | 64155    | 65854    | 2.80   | cps   |
| Strontium  | 86-1  | 908      | 817      | 1092     | 939      | 14.91  | cps   |
| Strontium  | 88-1  | 375      | 325      | 317      | 339      | 9.31   | cps   |
| Sulfur     | 34-1  | 426712   | 422541   | 425198   | 424817   | 0.50   | cps   |
| Terbium    | 159-1 | 16076137 | 15864458 | 15968551 | 15969715 | 0.66   | cps   |
| Terbium    | 159-2 | 8881341  | 8945748  | 8927262  | 8918117  | 0.37   | cps   |
| Thallium   | 203-1 | 2084     | 2084     | 1525     | 1897     | 16.99  | cps   |
| Thallium   | 205-1 | 4501     | 4176     | 4426     | 4368     | 3.90   | cps   |
| Tin        | 118-1 | 1192     | 1192     | 1325     | 1236     | 6.23   | cps   |
| Titanium   | 47-1  | 208      | 158      | 158      | 175      | 16.50  | cps   |
| Uranium    | 238-1 | 492      | 417      | 317      | 408      | 21.50  | cps   |
| Vanadium   | 51-2  | 47       | 40       | 23       | 37       | 32.79  | cps   |
| Yttrium    | 89-1  | 12163454 | 12068570 | 12063094 | 12098372 | 0.47   | cps   |
| Yttrium    | 89-2  | 2440310  | 2437324  | 2422224  | 2433286  | 0.40   | cps   |
| Zinc       | 66-2  | 133      | 170      | 167      | 157      | 12.94  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:19:01 | DataFile Name :   | 018CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1183 | 1167 | 1200 | 1183    | 1.41   | cps   |
| Zirconium | 91-1 | 308  | 233  | 233  | 258     | 16.76  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4334     | 4909     | 4709     | 4651     | 6.28   | cps   |
| Antimony   | 121-1 | 50366    | 49722    | 50275    | 50121    | 0.70   | cps   |
| Arsenic    | 75-2  | 474      | 433      | 409      | 439      | 7.47   | cps   |
| Barium     | 135-1 | 20391    | 21693    | 21467    | 21183    | 3.28   | cps   |
| Barium     | 137-1 | 36424    | 37610    | 36733    | 36922    | 1.67   | cps   |
| Beryllium  | 9-1   | 1967     | 1989     | 2028     | 1995     | 1.55   | cps   |
| Bismuth    | 209-1 | 10561154 | 10525144 | 10545242 | 10543847 | 0.17   | cps   |
| Bismuth    | 209-2 | 6230909  | 6195081  | 6267480  | 6231157  | 0.58   | cps   |
| Boron      | 10-1  | 5510     | 5485     | 5710     | 5568     | 2.22   | cps   |
| Boron      | 11-1  | 26666    | 27676    | 27267    | 27203    | 1.87   | cps   |
| Cadmium    | 111-1 | 4154     | 3935     | 4180     | 4090     | 3.30   | cps   |
| Cadmium    | 106-1 | 4426     | 3901     | 4259     | 4195     | 6.40   | cps   |
| Cadmium    | 108-1 | 192      | 225      | 196      | 204      | 8.90   | cps   |
| Calcium    | 43-1  | 11922    | 12139    | 12347    | 12136    | 1.75   | cps   |
| Calcium    | 44-1  | 208517   | 208229   | 206302   | 207683   | 0.58   | cps   |
| Chromium   | 52-2  | 7916     | 7849     | 7762     | 7842     | 0.98   | cps   |
| Cobalt     | 59-2  | 5384     | 5548     | 5274     | 5402     | 2.55   | cps   |
| Copper     | 63-2  | 10270    | 10150    | 10754    | 10392    | 3.08   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 33       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 58       | 67       | 108      | 78       | 34.44  | cps   |
| Erbium     | 164-2 | 20       | 40       | 33       | 31       | 32.73  | cps   |
| Gadolinium | 160-1 | 108      | 100      | 117      | 108      | 7.69   | cps   |
| Gadolinium | 160-2 | 157      | 207      | 193      | 186      | 13.95  | cps   |
| Holmium    | 165-1 | 16242205 | 16239393 | 15991981 | 16157859 | 0.89   | cps   |
| Holmium    | 165-2 | 8899823  | 8885228  | 8991955  | 8925669  | 0.65   | cps   |
| Indium     | 115-1 | 12057510 | 12062169 | 12043709 | 12054463 | 0.08   | cps   |
| Indium     | 115-2 | 3063657  | 3102280  | 3113557  | 3093165  | 0.85   | cps   |
| Iron       | 56-2  | 162084   | 164924   | 166083   | 164364   | 1.25   | cps   |
| Iron       | 57-2  | 4518     | 4940     | 4440     | 4632     | 5.81   | cps   |
| Krypton    | 83-1  | 507      | 587      | 603      | 566      | 9.14   | cps   |
| Lead       | 206-1 | 8614     | 8097     | 41466    | 19393    | 98.58  | cps   |
| Lead       | 207-1 | 7252     | 7469     | 7642     | 7454     | 2.62   | cps   |
| Lead       | 208-1 | 33773    | 33412    | 66793    | 44659    | 42.92  | cps   |
| Lithium    | 6-1   | 2752068  | 2748756  | 2734953  | 2745259  | 0.33   | cps   |
| Magnesium  | 24-2  | 126993   | 128976   | 127296   | 127755   | 0.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2600     | 2530     | 2340     | 2490     | 5.40   | cps   |
| Molybdenum | 94-1  | 18880    | 17562    | 18354    | 18265    | 3.63   | cps   |
| Molybdenum | 95-1  | 22076    | 22377    | 22026    | 22160    | 0.86   | cps   |
| Molybdenum | 96-1  | 25006    | 23946    | 24689    | 24547    | 2.22   | cps   |
| Molybdenum | 97-1  | 13507    | 13165    | 13474    | 13382    | 1.41   | cps   |
| Molybdenum | 98-1  | 34501    | 34083    | 35487    | 34690    | 2.08   | cps   |
| Neodymium  | 150-1 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 1977     | 1827     | 1760     | 1855     | 5.98   | cps   |
| Phosphorus | 31-2  | 733      | 625      | 592      | 650      | 11.40  | cps   |
| Potassium  | 39-2  | 209718   | 210606   | 210786   | 210370   | 0.27   | cps   |
| Rhodium    | 103-1 | 11418751 | 11494992 | 11331331 | 11415025 | 0.72   | cps   |
| Rhodium    | 103-2 | 6197263  | 6237757  | 6250196  | 6228406  | 0.44   | cps   |
| Scandium   | 45-1  | 7262506  | 7281110  | 7260743  | 7268120  | 0.16   | cps   |
| Scandium   | 45-2  | 470308   | 471566   | 474255   | 472043   | 0.43   | cps   |
| Selenium   | 77-2  | 47       | 47       | 50       | 48       | 4.02   | cps   |
| Selenium   | 78-2  | 226      | 283      | 285      | 265      | 12.72  | cps   |
| Selenium   | 82-1  | 779      | 701      | 589      | 690      | 13.80  | cps   |
| Silicon    | 28-1  | 406727   | 402617   | 399736   | 403027   | 0.87   | cps   |
| Silver     | 109-1 | 10830    | 10913    | 10713    | 10819    | 0.93   | cps   |
| Silver     | 107-1 | 11955    | 11113    | 11847    | 11639    | 3.94   | cps   |
| Sodium     | 23-2  | 293374   | 294704   | 297706   | 295261   | 0.75   | cps   |
| Strontium  | 86-1  | 3909     | 3742     | 3651     | 3767     | 3.48   | cps   |
| Strontium  | 88-1  | 23979    | 24864    | 23804    | 24216    | 2.35   | cps   |
| Sulfur     | 34-1  | 446590   | 444592   | 443748   | 444977   | 0.33   | cps   |
| Terbium    | 159-1 | 16515174 | 16474769 | 16256062 | 16415335 | 0.85   | cps   |
| Terbium    | 159-2 | 8851540  | 8933829  | 8935284  | 8906884  | 0.54   | cps   |
| Thallium   | 203-1 | 9904     | 9896     | 9395     | 9732     | 2.99   | cps   |
| Thallium   | 205-1 | 23639    | 23722    | 23622    | 23661    | 0.23   | cps   |
| Tin        | 118-1 | 35429    | 34919    | 34853    | 35067    | 0.90   | cps   |
| Titanium   | 47-1  | 6076     | 6043     | 5676     | 5932     | 3.74   | cps   |
| Uranium    | 238-1 | 28917    | 29360    | 29652    | 29310    | 1.26   | cps   |
| Vanadium   | 51-2  | 13903    | 13733    | 13757    | 13798    | 0.67   | cps   |
| Yttrium    | 89-1  | 12566972 | 12579856 | 12467204 | 12538011 | 0.49   | cps   |
| Yttrium    | 89-2  | 2407384  | 2437243  | 2447146  | 2430591  | 0.85   | cps   |
| Zinc       | 66-2  | 32379    | 32409    | 32630    | 32473    | 0.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:22:34 | DataFile Name :   | 019SMPL_P7042318- M |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 16076 | 15884 | 16126 | 16029   | 0.80   | cps   |
| Zirconium | 91-1 | 3626  | 3684  | 3501  | 3603    | 2.60   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 125      | 67       | 83       | 92       | 32.78  | cps   |
| Antimony   | 121-1 | 1067     | 1042     | 1308     | 1139     | 12.93  | cps   |
| Arsenic    | 75-2  | 30       | 13       | 19       | 20       | 41.67  | cps   |
| Barium     | 135-1 | 50       | 100      | 42       | 64       | 49.39  | cps   |
| Barium     | 137-1 | 75       | 67       | 108      | 83       | 26.46  | cps   |
| Beryllium  | 9-1   | 128      | 150      | 128      | 135      | 9.49   | cps   |
| Bismuth    | 209-1 | 10416700 | 10403790 | 10453558 | 10424682 | 0.25   | cps   |
| Bismuth    | 209-2 | 6201295  | 6226730  | 6236649  | 6221558  | 0.29   | cps   |
| Boron      | 10-1  | 1025     | 1017     | 958      | 1000     | 3.63   | cps   |
| Boron      | 11-1  | 4976     | 4976     | 4818     | 4923     | 1.86   | cps   |
| Cadmium    | 111-1 | 1969     | 2022     | 1997     | 1996     | 1.33   | cps   |
| Cadmium    | 106-1 | 3942     | 4051     | 3976     | 3990     | 1.39   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 208      | 225      | 192      | 208      | 8.00   | cps   |
| Calcium    | 44-1  | 11296    | 11697    | 12055    | 11683    | 3.25   | cps   |
| Chromium   | 52-2  | 697      | 660      | 660      | 672      | 3.15   | cps   |
| Cobalt     | 59-2  | 103      | 117      | 103      | 108      | 7.14   | cps   |
| Copper     | 63-2  | 1410     | 1367     | 1433     | 1403     | 2.41   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 83       | 33       | 58       | 58       | 42.86  | cps   |
| Erbium     | 164-2 | 20       | 27       | 27       | 24       | 15.75  | cps   |
| Gadolinium | 160-1 | 83       | 117      | 83       | 94       | 20.37  | cps   |
| Gadolinium | 160-2 | 183      | 160      | 200      | 181      | 11.09  | cps   |
| Holmium    | 165-1 | 15720248 | 15985396 | 16007398 | 15904347 | 1.00   | cps   |
| Holmium    | 165-2 | 8982491  | 8879015  | 8881619  | 8914375  | 0.66   | cps   |
| Indium     | 115-1 | 11868047 | 11947911 | 11980679 | 11932213 | 0.49   | cps   |
| Indium     | 115-2 | 3080638  | 3083721  | 3106598  | 3090319  | 0.46   | cps   |
| Iron       | 56-2  | 8403     | 7969     | 8269     | 8214     | 2.70   | cps   |
| Iron       | 57-2  | 656      | 644      | 644      | 648      | 0.99   | cps   |
| Krypton    | 83-1  | 557      | 617      | 513      | 562      | 9.23   | cps   |
| Lead       | 206-1 | 683      | 1000     | 772      | 819      | 19.95  | cps   |
| Lead       | 207-1 | 761      | 795      | 756      | 770      | 2.73   | cps   |
| Lead       | 208-1 | 3273     | 3573     | 3189     | 3345     | 6.03   | cps   |
| Lithium    | 6-1   | 2692711  | 2729887  | 2702838  | 2708479  | 0.71   | cps   |
| Magnesium  | 24-2  | 433      | 400      | 567      | 467      | 18.90  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 87       | 93       | 60       | 80       | 22.05  | cps   |
| Molybdenum | 94-1  | 550      | 517      | 517      | 528      | 3.65   | cps   |
| Molybdenum | 95-1  | 383      | 408      | 383      | 392      | 3.68   | cps   |
| Molybdenum | 96-1  | 558      | 517      | 517      | 531      | 4.54   | cps   |
| Molybdenum | 97-1  | 233      | 308      | 308      | 283      | 15.28  | cps   |
| Molybdenum | 98-1  | 808      | 733      | 608      | 717      | 14.10  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 33       | 50       | 40       | 41       | 20.41  | cps   |
| Phosphorus | 31-2  | 633      | 600      | 683      | 639      | 6.57   | cps   |
| Potassium  | 39-2  | 67161    | 66266    | 64424    | 65950    | 2.12   | cps   |
| Rhodium    | 103-1 | 11253537 | 11418198 | 11323839 | 11331858 | 0.73   | cps   |
| Rhodium    | 103-2 | 6266992  | 6185738  | 6204489  | 6219073  | 0.68   | cps   |
| Scandium   | 45-1  | 7122582  | 7233074  | 7253991  | 7203216  | 0.98   | cps   |
| Scandium   | 45-2  | 477678   | 474111   | 475515   | 475768   | 0.38   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 163      | 119      | 128      | 136      | 17.19  | cps   |
| Selenium   | 82-1  | 47       | -36      | 84       | 32       | 195.50 | cps   |
| Silicon    | 28-1  | 323165   | 321492   | 323109   | 322589   | 0.29   | cps   |
| Silver     | 109-1 | 275      | 300      | 283      | 286      | 4.45   | cps   |
| Silver     | 107-1 | 167      | 392      | 292      | 283      | 39.79  | cps   |
| Sodium     | 23-2  | 45888    | 45729    | 44492    | 45370    | 1.68   | cps   |
| Strontium  | 86-1  | 817      | 992      | 883      | 897      | 9.84   | cps   |
| Strontium  | 88-1  | 192      | 75       | 83       | 117      | 55.79  | cps   |
| Sulfur     | 34-1  | 464879   | 467008   | 463475   | 465121   | 0.38   | cps   |
| Terbium    | 159-1 | 15935354 | 16404697 | 16318536 | 16219529 | 1.54   | cps   |
| Terbium    | 159-2 | 8878645  | 8802943  | 8823777  | 8835122  | 0.44   | cps   |
| Thallium   | 203-1 | 658      | 883      | 742      | 761      | 14.95  | cps   |
| Thallium   | 205-1 | 1750     | 1775     | 1909     | 1811     | 4.70   | cps   |
| Tin        | 118-1 | 500      | 675      | 533      | 569      | 16.32  | cps   |
| Titanium   | 47-1  | 133      | 208      | 183      | 175      | 21.82  | cps   |
| Uranium    | 238-1 | 67       | 92       | 50       | 69       | 30.21  | cps   |
| Vanadium   | 51-2  | 13       | 13       | 20       | 16       | 24.76  | cps   |
| Yttrium    | 89-1  | 12287850 | 12504913 | 12437896 | 12410220 | 0.90   | cps   |
| Yttrium    | 89-2  | 2431404  | 2406786  | 2399433  | 2412541  | 0.69   | cps   |
| Zinc       | 66-2  | 187      | 163      | 173      | 174      | 6.71   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108278BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108278BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:26:07 | DataFile Name :   | 020CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 783  | 725  | 800  | 770     | 5.12   | cps   |
| Zirconium | 91-1 | 133  | 158  | 250  | 181     | 34.02  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CRIRE Instrumnet Name : P7  
 Client Sample ID : CRIRE Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:29:41 DataFile Name : 021SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2767     | 2667     | 2834     | 2756     | 3.05   | cps   |
| Antimony   | 121-1 | 19389    | 19181    | 19080    | 19217    | 0.82   | cps   |
| Arsenic    | 75-2  | 461      | 441      | 452      | 451      | 2.26   | cps   |
| Barium     | 135-1 | 22102    | 22002    | 22244    | 22116    | 0.55   | cps   |
| Barium     | 137-1 | 36006    | 38396    | 36833    | 37078    | 3.27   | cps   |
| Beryllium  | 9-1   | 2011     | 1850     | 1867     | 1909     | 4.64   | cps   |
| Bismuth    | 209-1 | 10443018 | 10530018 | 10459164 | 10477400 | 0.44   | cps   |
| Bismuth    | 209-2 | 6292450  | 6331200  | 6308364  | 6310671  | 0.31   | cps   |
| Boron      | 10-1  | 5201     | 5843     | 5701     | 5582     | 6.04   | cps   |
| Boron      | 11-1  | 24178    | 26390    | 27150    | 25906    | 5.96   | cps   |
| Cadmium    | 111-1 | 4153     | 4075     | 4218     | 4149     | 1.72   | cps   |
| Cadmium    | 106-1 | 4334     | 4092     | 4084     | 4170     | 3.41   | cps   |
| Cadmium    | 108-1 | 146      | 138      | 154      | 146      | 5.72   | cps   |
| Calcium    | 43-1  | 12406    | 12089    | 12597    | 12364    | 2.08   | cps   |
| Calcium    | 44-1  | 206853   | 207088   | 210207   | 208049   | 0.90   | cps   |
| Chromium   | 52-2  | 8186     | 8282     | 8609     | 8359     | 2.66   | cps   |
| Cobalt     | 59-2  | 5715     | 5835     | 5631     | 5727     | 1.79   | cps   |
| Copper     | 63-2  | 9033     | 9246     | 9677     | 9319     | 3.52   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 27       | 47       | 17       | 30       | 50.91  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 133      | 97       | 32.45  | cps   |
| Gadolinium | 160-2 | 183      | 237      | 180      | 200      | 15.90  | cps   |
| Holmium    | 165-1 | 15859598 | 15988349 | 15922148 | 15923365 | 0.40   | cps   |
| Holmium    | 165-2 | 9005122  | 9050901  | 9056274  | 9037432  | 0.31   | cps   |
| Indium     | 115-1 | 12031308 | 11971352 | 12097739 | 12033466 | 0.53   | cps   |
| Indium     | 115-2 | 3155950  | 3151088  | 3170413  | 3159150  | 0.32   | cps   |
| Iron       | 56-2  | 159658   | 160213   | 159040   | 159637   | 0.37   | cps   |
| Iron       | 57-2  | 4417     | 4651     | 4573     | 4547     | 2.61   | cps   |
| Krypton    | 83-1  | 583      | 520      | 543      | 549      | 5.84   | cps   |
| Lead       | 206-1 | 8086     | 8125     | 8397     | 8203     | 2.07   | cps   |
| Lead       | 207-1 | 7547     | 7041     | 6880     | 7156     | 4.86   | cps   |
| Lead       | 208-1 | 32945    | 32022    | 32578    | 32515    | 1.43   | cps   |
| Lithium    | 6-1   | 2735131  | 2765548  | 2751215  | 2750631  | 0.55   | cps   |
| Magnesium  | 24-2  | 135255   | 136990   | 136037   | 136094   | 0.64   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:29:41 | DataFile Name :   | 021SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2417     | 2367     | 2360     | 2381     | 1.30   | cps   |
| Molybdenum | 94-1  | 17561    | 18538    | 18162    | 18087    | 2.72   | cps   |
| Molybdenum | 95-1  | 21868    | 21984    | 21968    | 21940    | 0.29   | cps   |
| Molybdenum | 96-1  | 23954    | 24322    | 24647    | 24308    | 1.43   | cps   |
| Molybdenum | 97-1  | 13632    | 13766    | 13907    | 13768    | 1.00   | cps   |
| Molybdenum | 98-1  | 34852    | 35737    | 35428    | 35339    | 1.27   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 1610     | 1713     | 1587     | 1637     | 4.12   | cps   |
| Phosphorus | 31-2  | 750      | 683      | 642      | 692      | 7.90   | cps   |
| Potassium  | 39-2  | 215018   | 214947   | 216567   | 215511   | 0.42   | cps   |
| Rhodium    | 103-1 | 11441828 | 11515148 | 11536437 | 11497804 | 0.43   | cps   |
| Rhodium    | 103-2 | 6351931  | 6342236  | 6338369  | 6344179  | 0.11   | cps   |
| Scandium   | 45-1  | 7194187  | 7282337  | 7371628  | 7282717  | 1.22   | cps   |
| Scandium   | 45-2  | 488108   | 483597   | 490454   | 487386   | 0.72   | cps   |
| Selenium   | 77-2  | 67       | 23       | 47       | 46       | 47.61  | cps   |
| Selenium   | 78-2  | 296      | 274      | 320      | 297      | 7.80   | cps   |
| Selenium   | 82-1  | 736      | 766      | 632      | 712      | 9.92   | cps   |
| Silicon    | 28-1  | 405172   | 402433   | 405705   | 404437   | 0.43   | cps   |
| Silver     | 109-1 | 10688    | 10671    | 11213    | 10857    | 2.84   | cps   |
| Silver     | 107-1 | 10796    | 11697    | 11188    | 11227    | 4.02   | cps   |
| Sodium     | 23-2  | 298267   | 297999   | 297355   | 297874   | 0.16   | cps   |
| Strontium  | 86-1  | 3342     | 3701     | 3551     | 3531     | 5.10   | cps   |
| Strontium  | 88-1  | 24522    | 25340    | 24655    | 24839    | 1.77   | cps   |
| Sulfur     | 34-1  | 466890   | 472226   | 468933   | 469349   | 0.57   | cps   |
| Terbium    | 159-1 | 16076746 | 16318473 | 16400483 | 16265234 | 1.03   | cps   |
| Terbium    | 159-2 | 8997087  | 9033396  | 8987197  | 9005893  | 0.27   | cps   |
| Thallium   | 203-1 | 10163    | 9520     | 9462     | 9715     | 4.00   | cps   |
| Thallium   | 205-1 | 23196    | 22988    | 22603    | 22929    | 1.31   | cps   |
| Tin        | 118-1 | 34493    | 35772    | 36214    | 35493    | 2.52   | cps   |
| Titanium   | 47-1  | 6143     | 5893     | 6218     | 6085     | 2.80   | cps   |
| Uranium    | 238-1 | 29677    | 30637    | 30412    | 30242    | 1.66   | cps   |
| Vanadium   | 51-2  | 14894    | 14644    | 14401    | 14646    | 1.69   | cps   |
| Yttrium    | 89-1  | 12441810 | 12453447 | 12596521 | 12497259 | 0.69   | cps   |
| Yttrium    | 89-2  | 2488041  | 2476957  | 2503310  | 2489436  | 0.53   | cps   |
| Zinc       | 66-2  | 1573     | 1430     | 1547     | 1517     | 5.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:29:41 | DataFile Name :   | 021SMPL_P7042318- M |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 15693 | 15618 | 16285 | 15865   | 2.30   | cps   |
| Zirconium | 91-1 | 3292  | 3584  | 3617  | 3498    | 5.11   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1248590  | 1253172  | 1233557  | 1245106  | 0.82   | cps   |
| Antimony   | 121-1 | 4954891  | 4973137  | 4943487  | 4957172  | 0.30   | cps   |
| Arsenic    | 75-2  | 223787   | 223895   | 222948   | 223544   | 0.23   | cps   |
| Barium     | 135-1 | 5747974  | 5817973  | 5836613  | 5800853  | 0.81   | cps   |
| Barium     | 137-1 | 9903514  | 10030908 | 10092213 | 10008879 | 0.96   | cps   |
| Beryllium  | 9-1   | 919064   | 921939   | 920802   | 920602   | 0.16   | cps   |
| Bismuth    | 209-1 | 10103316 | 10169090 | 10124052 | 10132153 | 0.33   | cps   |
| Bismuth    | 209-2 | 6138452  | 6198765  | 6179688  | 6172302  | 0.50   | cps   |
| Boron      | 10-1  | 106221   | 105039   | 107136   | 106132   | 0.99   | cps   |
| Boron      | 11-1  | 492172   | 495864   | 500604   | 496214   | 0.85   | cps   |
| Cadmium    | 111-1 | 1128666  | 1127774  | 1128802  | 1128414  | 0.05   | cps   |
| Cadmium    | 106-1 | 123929   | 124576   | 126460   | 124988   | 1.05   | cps   |
| Cadmium    | 108-1 | 84927    | 85485    | 85196    | 85203    | 0.33   | cps   |
| Calcium    | 43-1  | 1265825  | 1264291  | 1262398  | 1264171  | 0.14   | cps   |
| Calcium    | 44-1  | 20676742 | 20772369 | 20676430 | 20708513 | 0.27   | cps   |
| Chromium   | 52-2  | 1816885  | 1828292  | 1814637  | 1819938  | 0.40   | cps   |
| Cobalt     | 59-2  | 2803003  | 2822388  | 2800400  | 2808597  | 0.43   | cps   |
| Copper     | 63-2  | 3903069  | 3912815  | 3903044  | 3906310  | 0.14   | cps   |
| Dysprosium | 156-1 | 75       | 100      | 67       | 81       | 21.54  | cps   |
| Dysprosium | 156-2 | 87       | 83       | 53       | 74       | 24.66  | cps   |
| Erbium     | 164-1 | 92       | 58       | 67       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 23       | 33       | 20       | 26       | 27.15  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 125      | 103      | 30.70  | cps   |
| Gadolinium | 160-2 | 210      | 237      | 243      | 230      | 7.67   | cps   |
| Holmium    | 165-1 | 15982402 | 15911237 | 15932765 | 15942135 | 0.23   | cps   |
| Holmium    | 165-2 | 9016217  | 9055129  | 9004493  | 9025279  | 0.29   | cps   |
| Indium     | 115-1 | 11568723 | 11549442 | 11582529 | 11566898 | 0.14   | cps   |
| Indium     | 115-2 | 3026543  | 3062025  | 3028371  | 3038980  | 0.66   | cps   |
| Iron       | 56-2  | 77294024 | 76999141 | 76376157 | 76889774 | 0.61   | cps   |
| Iron       | 57-2  | 1876402  | 1873651  | 1855197  | 1868417  | 0.62   | cps   |
| Krypton    | 83-1  | 613      | 580      | 597      | 597      | 2.79   | cps   |
| Lead       | 206-1 | 3878897  | 3882044  | 3886640  | 3882527  | 0.10   | cps   |
| Lead       | 207-1 | 3400802  | 3394670  | 3413520  | 3402997  | 0.28   | cps   |
| Lead       | 208-1 | 15404893 | 15445110 | 15484598 | 15444867 | 0.26   | cps   |
| Lithium    | 6-1   | 2681929  | 2707903  | 2708287  | 2699373  | 0.56   | cps   |
| Magnesium  | 24-2  | 14029890 | 14035168 | 13952653 | 14005904 | 0.33   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2143090  | 2148452  | 2141955  | 2144499  | 0.16   | cps   |
| Molybdenum | 94-1  | 9276045  | 9366324  | 9360291  | 9334220  | 0.54   | cps   |
| Molybdenum | 95-1  | 11477793 | 11588480 | 11537827 | 11534700 | 0.48   | cps   |
| Molybdenum | 96-1  | 12562587 | 12626043 | 12639297 | 12609309 | 0.33   | cps   |
| Molybdenum | 97-1  | 7145018  | 7159854  | 7166947  | 7157273  | 0.16   | cps   |
| Molybdenum | 98-1  | 18375152 | 18549786 | 18536320 | 18487086 | 0.53   | cps   |
| Neodymium  | 150-1 | 333      | 307      | 400      | 347      | 13.87  | cps   |
| Neodymium  | 150-2 | 33       | 43       | 40       | 39       | 13.09  | cps   |
| Nickel     | 60-2  | 724822   | 728342   | 722183   | 725116   | 0.43   | cps   |
| Phosphorus | 31-2  | 73272    | 74821    | 73934    | 74009    | 1.05   | cps   |
| Potassium  | 39-2  | 7602663  | 7597614  | 7561441  | 7587239  | 0.30   | cps   |
| Rhodium    | 103-1 | 10812486 | 10917935 | 10924003 | 10884808 | 0.58   | cps   |
| Rhodium    | 103-2 | 5947751  | 6026644  | 5984238  | 5986211  | 0.66   | cps   |
| Scandium   | 45-1  | 7021816  | 7090467  | 7120432  | 7077572  | 0.71   | cps   |
| Scandium   | 45-2  | 468843   | 470480   | 467514   | 468946   | 0.32   | cps   |
| Selenium   | 77-2  | 5004     | 4657     | 4644     | 4769     | 4.28   | cps   |
| Selenium   | 78-2  | 15894    | 16026    | 15707    | 15875    | 1.01   | cps   |
| Selenium   | 82-1  | 68861    | 68012    | 68171    | 68348    | 0.66   | cps   |
| Silicon    | 28-1  | 3425669  | 3452482  | 3455829  | 3444660  | 0.48   | cps   |
| Silver     | 109-1 | 5533985  | 5474457  | 5493177  | 5500540  | 0.55   | cps   |
| Silver     | 107-1 | 5742120  | 5751314  | 5759903  | 5751112  | 0.15   | cps   |
| Sodium     | 23-2  | 26238729 | 26192531 | 26035014 | 26155424 | 0.41   | cps   |
| Strontium  | 86-1  | 1408443  | 1413302  | 1435347  | 1419031  | 1.01   | cps   |
| Strontium  | 88-1  | 12595148 | 12529820 | 12645734 | 12590234 | 0.46   | cps   |
| Sulfur     | 34-1  | 818614   | 804508   | 794984   | 806035   | 1.47   | cps   |
| Terbium    | 159-1 | 16053732 | 16345911 | 16276947 | 16225530 | 0.94   | cps   |
| Terbium    | 159-2 | 8933069  | 8951901  | 8973541  | 8952837  | 0.23   | cps   |
| Thallium   | 203-1 | 4779169  | 4783038  | 4749476  | 4770561  | 0.38   | cps   |
| Thallium   | 205-1 | 11367870 | 11399819 | 11470549 | 11412746 | 0.46   | cps   |
| Tin        | 118-1 | 3681573  | 3695624  | 3661102  | 3679433  | 0.47   | cps   |
| Titanium   | 47-1  | 3019467  | 3021204  | 3033405  | 3024692  | 0.25   | cps   |
| Uranium    | 238-1 | 16165363 | 16254597 | 16352991 | 16257650 | 0.58   | cps   |
| Vanadium   | 51-2  | 1511578  | 1525519  | 1519578  | 1518892  | 0.46   | cps   |
| Yttrium    | 89-1  | 12246002 | 12274502 | 12251549 | 12257351 | 0.12   | cps   |
| Yttrium    | 89-2  | 2405444  | 2414199  | 2404360  | 2408001  | 0.22   | cps   |
| Zinc       | 66-2  | 591077   | 592767   | 589739   | 591194   | 0.26   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108278BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108278BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:33:17 | DataFile Name :   | 022LCS6_P7042318- MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7674655 | 7700200 | 7630282 | 7668379 | 0.46   | cps   |
| Zirconium | 91-1 | 1703929 | 1700956 | 1698835 | 1701240 | 0.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108279BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108279BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:36:51 | DataFile Name :   | 023CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 117      | 67       | 94       | 26.96  | cps   |
| Antimony   | 121-1 | 3901     | 5201     | 5851     | 4984     | 19.93  | cps   |
| Arsenic    | 75-2  | 19       | 26       | 24       | 23       | 16.88  | cps   |
| Barium     | 135-1 | 217      | 242      | 175      | 211      | 15.95  | cps   |
| Barium     | 137-1 | 350      | 442      | 467      | 419      | 14.64  | cps   |
| Beryllium  | 9-1   | 233      | 194      | 167      | 198      | 16.90  | cps   |
| Bismuth    | 209-1 | 10315013 | 10221238 | 10308622 | 10281624 | 0.51   | cps   |
| Bismuth    | 209-2 | 6218765  | 6262204  | 6266857  | 6249275  | 0.42   | cps   |
| Boron      | 10-1  | 1592     | 1934     | 1642     | 1722     | 10.71  | cps   |
| Boron      | 11-1  | 8861     | 8644     | 7802     | 8436     | 6.63   | cps   |
| Cadmium    | 111-1 | 1661     | 1859     | 1661     | 1727     | 6.60   | cps   |
| Cadmium    | 106-1 | 3292     | 3667     | 3292     | 3417     | 6.34   | cps   |
| Cadmium    | 108-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Calcium    | 43-1  | 192      | 183      | 208      | 194      | 6.55   | cps   |
| Calcium    | 44-1  | 11238    | 11538    | 11622    | 11466    | 1.76   | cps   |
| Chromium   | 52-2  | 637      | 767      | 663      | 689      | 9.97   | cps   |
| Cobalt     | 59-2  | 87       | 130      | 120      | 112      | 20.22  | cps   |
| Copper     | 63-2  | 1540     | 1550     | 1633     | 1575     | 3.25   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 25       | 25       | 50       | 33       | 43.30  | cps   |
| Erbium     | 164-2 | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Gadolinium | 160-1 | 92       | 67       | 42       | 67       | 37.50  | cps   |
| Gadolinium | 160-2 | 230      | 190      | 210      | 210      | 9.53   | cps   |
| Holmium    | 165-1 | 15586413 | 15464653 | 15628555 | 15559874 | 0.55   | cps   |
| Holmium    | 165-2 | 8943009  | 8952057  | 9028002  | 8974356  | 0.52   | cps   |
| Indium     | 115-1 | 11576186 | 11529057 | 11662094 | 11589112 | 0.58   | cps   |
| Indium     | 115-2 | 3064130  | 3079413  | 3081831  | 3075125  | 0.31   | cps   |
| Iron       | 56-2  | 14719    | 13095    | 12650    | 13488    | 8.07   | cps   |
| Iron       | 57-2  | 806      | 789      | 739      | 778      | 4.46   | cps   |
| Krypton    | 83-1  | 577      | 487      | 567      | 543      | 9.08   | cps   |
| Lead       | 206-1 | 1172     | 1283     | 972      | 1143     | 13.80  | cps   |
| Lead       | 207-1 | 883      | 1111     | 1061     | 1019     | 11.75  | cps   |
| Lead       | 208-1 | 4206     | 4734     | 4695     | 4545     | 6.47   | cps   |
| Lithium    | 6-1   | 2649486  | 2625802  | 2650488  | 2641925  | 0.53   | cps   |
| Magnesium  | 24-2  | 450      | 500      | 417      | 456      | 9.21   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : PB108279BL Instrumnet Name : P7  
 Client Sample ID : PB108279BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:36:51 DataFile Name : 023CCBE\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 103      | 127      | 120      | 117      | 10.30  | cps   |
| Molybdenum | 94-1  | 1508     | 1392     | 1183     | 1361     | 12.10  | cps   |
| Molybdenum | 95-1  | 2359     | 1984     | 1984     | 2109     | 10.27  | cps   |
| Molybdenum | 96-1  | 2417     | 2117     | 1892     | 2142     | 12.30  | cps   |
| Molybdenum | 97-1  | 1450     | 1092     | 1250     | 1264     | 14.21  | cps   |
| Molybdenum | 98-1  | 3409     | 3267     | 2825     | 3167     | 9.61   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 57       | 40       | 67       | 54       | 24.75  | cps   |
| Phosphorus | 31-2  | 583      | 550      | 508      | 547      | 6.87   | cps   |
| Potassium  | 39-2  | 63780    | 63302    | 63988    | 63690    | 0.55   | cps   |
| Rhodium    | 103-1 | 10971567 | 10970947 | 10999408 | 10980641 | 0.15   | cps   |
| Rhodium    | 103-2 | 6194708  | 6186375  | 6228260  | 6203114  | 0.36   | cps   |
| Scandium   | 45-1  | 6999851  | 6943533  | 7006936  | 6983440  | 0.50   | cps   |
| Scandium   | 45-2  | 464652   | 464378   | 468166   | 465732   | 0.45   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 131      | 159      | 107      | 133      | 19.55  | cps   |
| Selenium   | 82-1  | -17      | 60       | 12       | 18       | 213.09 | cps   |
| Silicon    | 28-1  | 321907   | 320175   | 323232   | 321771   | 0.48   | cps   |
| Silver     | 109-1 | 350      | 425      | 475      | 417      | 15.10  | cps   |
| Silver     | 107-1 | 383      | 550      | 492      | 475      | 17.81  | cps   |
| Sodium     | 23-2  | 40656    | 41567    | 40899    | 41041    | 1.15   | cps   |
| Strontium  | 86-1  | 942      | 775      | 725      | 814      | 13.94  | cps   |
| Strontium  | 88-1  | 192      | 217      | 175      | 194      | 10.79  | cps   |
| Sulfur     | 34-1  | 398009   | 395960   | 402512   | 398827   | 0.84   | cps   |
| Terbium    | 159-1 | 15776232 | 15968307 | 16011947 | 15918829 | 0.79   | cps   |
| Terbium    | 159-2 | 8854407  | 8899803  | 8897136  | 8883782  | 0.29   | cps   |
| Thallium   | 203-1 | 1367     | 1117     | 975      | 1153     | 17.20  | cps   |
| Thallium   | 205-1 | 3376     | 3009     | 2750     | 3045     | 10.32  | cps   |
| Tin        | 118-1 | 950      | 892      | 958      | 933      | 3.89   | cps   |
| Titanium   | 47-1  | 192      | 92       | 225      | 169      | 40.95  | cps   |
| Uranium    | 238-1 | 242      | 267      | 175      | 228      | 20.80  | cps   |
| Vanadium   | 51-2  | 20       | 33       | 23       | 26       | 27.15  | cps   |
| Yttrium    | 89-1  | 11973844 | 11968602 | 12060080 | 12000842 | 0.43   | cps   |
| Yttrium    | 89-2  | 2395677  | 2399970  | 2413952  | 2403200  | 0.40   | cps   |
| Zinc       | 66-2  | 323      | 360      | 403      | 362      | 11.06  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB108279BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB108279BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:36:51 | DataFile Name :   | 023CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 817  | 750  | 858  | 808     | 6.76   | cps   |
| Zirconium | 91-1 | 208  | 150  | 175  | 178     | 16.46  | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1255346  | 1247249  | 1249432  | 1250676  | 0.33   | cps   |
| Antimony   | 121-1 | 5025714  | 4997589  | 5013117  | 5012140  | 0.28   | cps   |
| Arsenic    | 75-2  | 226799   | 225494   | 226513   | 226269   | 0.30   | cps   |
| Barium     | 135-1 | 5857760  | 5864105  | 5882436  | 5868100  | 0.22   | cps   |
| Barium     | 137-1 | 10035989 | 10157227 | 10162143 | 10118453 | 0.71   | cps   |
| Beryllium  | 9-1   | 925059   | 922077   | 925434   | 924190   | 0.20   | cps   |
| Bismuth    | 209-1 | 10167297 | 10284284 | 10261602 | 10237728 | 0.61   | cps   |
| Bismuth    | 209-2 | 6150063  | 6178614  | 6220319  | 6182999  | 0.57   | cps   |
| Boron      | 10-1  | 104652   | 106279   | 107564   | 106165   | 1.37   | cps   |
| Boron      | 11-1  | 498298   | 502542   | 513208   | 504683   | 1.52   | cps   |
| Cadmium    | 111-1 | 1129986  | 1133600  | 1131212  | 1131599  | 0.16   | cps   |
| Cadmium    | 106-1 | 124652   | 125426   | 125300   | 125126   | 0.33   | cps   |
| Cadmium    | 108-1 | 83473    | 83809    | 85066    | 84116    | 1.00   | cps   |
| Calcium    | 43-1  | 1265744  | 1280816  | 1273009  | 1273190  | 0.59   | cps   |
| Calcium    | 44-1  | 20773078 | 20750635 | 20755343 | 20759685 | 0.06   | cps   |
| Chromium   | 52-2  | 1827421  | 1820211  | 1833809  | 1827147  | 0.37   | cps   |
| Cobalt     | 59-2  | 2816820  | 2816870  | 2819388  | 2817692  | 0.05   | cps   |
| Copper     | 63-2  | 3902001  | 3900109  | 3910927  | 3904346  | 0.15   | cps   |
| Dysprosium | 156-1 | 83       | 83       | 75       | 81       | 5.98   | cps   |
| Dysprosium | 156-2 | 67       | 63       | 63       | 64       | 2.99   | cps   |
| Erbium     | 164-1 | 83       | 25       | 58       | 56       | 52.68  | cps   |
| Erbium     | 164-2 | 27       | 33       | 37       | 32       | 15.80  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 100      | 119      | 22.43  | cps   |
| Gadolinium | 160-2 | 253      | 187      | 240      | 227      | 15.56  | cps   |
| Holmium    | 165-1 | 16068851 | 16080283 | 16166732 | 16105289 | 0.33   | cps   |
| Holmium    | 165-2 | 9084661  | 9066907  | 9075797  | 9075788  | 0.10   | cps   |
| Indium     | 115-1 | 11566187 | 11665386 | 11686973 | 11639515 | 0.55   | cps   |
| Indium     | 115-2 | 3061297  | 3066650  | 3068460  | 3065469  | 0.12   | cps   |
| Iron       | 56-2  | 77790077 | 76999046 | 77568182 | 77452435 | 0.53   | cps   |
| Iron       | 57-2  | 1879962  | 1863645  | 1879590  | 1874399  | 0.50   | cps   |
| Krypton    | 83-1  | 540      | 560      | 580      | 560      | 3.57   | cps   |
| Lead       | 206-1 | 3907323  | 3924586  | 3911029  | 3914313  | 0.23   | cps   |
| Lead       | 207-1 | 3411623  | 3444410  | 3403706  | 3419913  | 0.63   | cps   |
| Lead       | 208-1 | 15519533 | 15626243 | 15516984 | 15554254 | 0.40   | cps   |
| Lithium    | 6-1   | 2675814  | 2670496  | 2667054  | 2671121  | 0.17   | cps   |
| Magnesium  | 24-2  | 14212577 | 14147743 | 14119103 | 14159808 | 0.34   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2160082  | 2159181  | 2165240  | 2161501  | 0.15   | cps   |
| Molybdenum | 94-1  | 9289582  | 9281075  | 9301627  | 9290761  | 0.11   | cps   |
| Molybdenum | 95-1  | 11552408 | 11514943 | 11486010 | 11517787 | 0.29   | cps   |
| Molybdenum | 96-1  | 12607764 | 12599349 | 12657734 | 12621616 | 0.25   | cps   |
| Molybdenum | 97-1  | 7146207  | 7180120  | 7163836  | 7163388  | 0.24   | cps   |
| Molybdenum | 98-1  | 18451958 | 18513132 | 18554342 | 18506477 | 0.28   | cps   |
| Neodymium  | 150-1 | 280      | 333      | 373      | 329      | 14.24  | cps   |
| Neodymium  | 150-2 | 47       | 60       | 23       | 43       | 42.83  | cps   |
| Nickel     | 60-2  | 731122   | 727460   | 733203   | 730595   | 0.40   | cps   |
| Phosphorus | 31-2  | 75191    | 75650    | 74437    | 75093    | 0.82   | cps   |
| Potassium  | 39-2  | 7726288  | 7666798  | 7679725  | 7690937  | 0.41   | cps   |
| Rhodium    | 103-1 | 10734975 | 10879018 | 10905460 | 10839818 | 0.85   | cps   |
| Rhodium    | 103-2 | 6037968  | 5983603  | 6050197  | 6023923  | 0.59   | cps   |
| Scandium   | 45-1  | 7040788  | 7091302  | 7108396  | 7080162  | 0.50   | cps   |
| Scandium   | 45-2  | 472294   | 471467   | 473050   | 472270   | 0.17   | cps   |
| Selenium   | 77-2  | 4774     | 4728     | 4781     | 4761     | 0.61   | cps   |
| Selenium   | 78-2  | 16029    | 16231    | 16365    | 16209    | 1.04   | cps   |
| Selenium   | 82-1  | 68172    | 68330    | 68265    | 68256    | 0.12   | cps   |
| Silicon    | 28-1  | 3422352  | 3447355  | 3474160  | 3447956  | 0.75   | cps   |
| Silver     | 109-1 | 5496014  | 5489606  | 5500443  | 5495355  | 0.10   | cps   |
| Silver     | 107-1 | 5751146  | 5778494  | 5803401  | 5777681  | 0.45   | cps   |
| Sodium     | 23-2  | 26472739 | 26390163 | 26485367 | 26449423 | 0.20   | cps   |
| Strontium  | 86-1  | 1411860  | 1405675  | 1435967  | 1417834  | 1.13   | cps   |
| Strontium  | 88-1  | 12660786 | 12587021 | 12629059 | 12625622 | 0.29   | cps   |
| Sulfur     | 34-1  | 775503   | 777120   | 772515   | 775046   | 0.30   | cps   |
| Terbium    | 159-1 | 16305045 | 16453628 | 16455806 | 16404826 | 0.53   | cps   |
| Terbium    | 159-2 | 9035274  | 9017098  | 8954184  | 9002185  | 0.47   | cps   |
| Thallium   | 203-1 | 4860023  | 4841837  | 4906007  | 4869289  | 0.68   | cps   |
| Thallium   | 205-1 | 11525859 | 11595036 | 11631379 | 11584091 | 0.46   | cps   |
| Tin        | 118-1 | 3698364  | 3696651  | 3690916  | 3695311  | 0.11   | cps   |
| Titanium   | 47-1  | 3015365  | 3030796  | 3016655  | 3020939  | 0.28   | cps   |
| Uranium    | 238-1 | 16287068 | 16374539 | 16414436 | 16358681 | 0.40   | cps   |
| Vanadium   | 51-2  | 1532841  | 1521281  | 1520999  | 1525040  | 0.44   | cps   |
| Yttrium    | 89-1  | 12261339 | 12291271 | 12330360 | 12294323 | 0.28   | cps   |
| Yttrium    | 89-2  | 2424014  | 2431052  | 2447719  | 2434262  | 0.50   | cps   |
| Zinc       | 66-2  | 593769   | 590007   | 594215   | 592663   | 0.39   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB108279BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB108279BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 15:40:24 | DataFile Name :   | 024LCS6_P7042318- MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7694851 | 7619810 | 7727539 | 7680734 | 0.72   | cps   |
| Zirconium | 91-1 | 1699327 | 1687501 | 1694948 | 1693925 | 0.35   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3134     | 3176     | 2859     | 3056     | 5.63   | cps   |
| Antimony   | 121-1 | 25240    | 28605    | 30810    | 28218    | 9.94   | cps   |
| Arsenic    | 75-2  | 1161     | 1170     | 1087     | 1140     | 4.01   | cps   |
| Barium     | 135-1 | 315916   | 320471   | 318807   | 318398   | 0.72   | cps   |
| Barium     | 137-1 | 550154   | 556350   | 553953   | 553486   | 0.56   | cps   |
| Beryllium  | 9-1   | 317      | 178      | 250      | 248      | 27.99  | cps   |
| Bismuth    | 209-1 | 9934980  | 9955327  | 9909475  | 9933261  | 0.23   | cps   |
| Bismuth    | 209-2 | 5879129  | 5887351  | 5932757  | 5899746  | 0.49   | cps   |
| Boron      | 10-1  | 36821    | 36537    | 35543    | 36300    | 1.85   | cps   |
| Boron      | 11-1  | 181040   | 178593   | 178036   | 179223   | 0.89   | cps   |
| Cadmium    | 111-1 | 2112     | 2126     | 1893     | 2044     | 6.39   | cps   |
| Cadmium    | 106-1 | 3259     | 3351     | 2975     | 3195     | 6.12   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 46       | 29       | 51.50  | cps   |
| Calcium    | 43-1  | 3929743  | 3920837  | 3852350  | 3900977  | 1.09   | cps   |
| Calcium    | 44-1  | 63688085 | 63963804 | 63127143 | 63593010 | 0.67   | cps   |
| Chromium   | 52-2  | 4341     | 4434     | 4337     | 4371     | 1.26   | cps   |
| Cobalt     | 59-2  | 1377     | 1383     | 1333     | 1365     | 1.99   | cps   |
| Copper     | 63-2  | 28675    | 29283    | 29917    | 29292    | 2.12   | cps   |
| Dysprosium | 156-1 | 108      | 142      | 133      | 128      | 13.57  | cps   |
| Dysprosium | 156-2 | 73       | 40       | 70       | 61       | 30.04  | cps   |
| Erbium     | 164-1 | 133      | 200      | 100      | 144      | 35.25  | cps   |
| Erbium     | 164-2 | 50       | 47       | 93       | 63       | 41.11  | cps   |
| Gadolinium | 160-1 | 208      | 175      | 183      | 189      | 9.18   | cps   |
| Gadolinium | 160-2 | 247      | 257      | 227      | 243      | 6.28   | cps   |
| Holmium    | 165-1 | 14950167 | 14916282 | 14899609 | 14922019 | 0.17   | cps   |
| Holmium    | 165-2 | 8382860  | 8465721  | 8497329  | 8448637  | 0.70   | cps   |
| Indium     | 115-1 | 13293722 | 13300386 | 13100092 | 13231400 | 0.86   | cps   |
| Indium     | 115-2 | 3321041  | 3357959  | 3345122  | 3341374  | 0.56   | cps   |
| Iron       | 56-2  | 144756   | 144178   | 145928   | 144954   | 0.62   | cps   |
| Iron       | 57-2  | 23964    | 24265    | 24532    | 24254    | 1.17   | cps   |
| Krypton    | 83-1  | 687      | 637      | 677      | 667      | 3.97   | cps   |
| Lead       | 206-1 | 5540     | 5196     | 5190     | 5309     | 3.78   | cps   |
| Lead       | 207-1 | 4779     | 4629     | 4295     | 4568     | 5.42   | cps   |
| Lead       | 208-1 | 21735    | 20635    | 19779    | 20716    | 4.74   | cps   |
| Lithium    | 6-1   | 3253426  | 3421675  | 3500047  | 3391716  | 3.72   | cps   |
| Magnesium  | 24-2  | 3852235  | 3891502  | 3945572  | 3896437  | 1.20   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 61709    | 63556    | 64086    | 63117    | 1.98   | cps   |
| Molybdenum | 94-1  | 7427     | 6627     | 5851     | 6635     | 11.88  | cps   |
| Molybdenum | 95-1  | 10629    | 9962     | 9620     | 10071    | 5.10   | cps   |
| Molybdenum | 96-1  | 11622    | 10963    | 9745     | 10777    | 8.83   | cps   |
| Molybdenum | 97-1  | 6518     | 6618     | 5893     | 6343     | 6.20   | cps   |
| Molybdenum | 98-1  | 16810    | 16193    | 14566    | 15857    | 7.31   | cps   |
| Neodymium  | 150-1 | 140      | 247      | 173      | 187      | 29.23  | cps   |
| Neodymium  | 150-2 | 60       | 63       | 103      | 76       | 31.92  | cps   |
| Nickel     | 60-2  | 2397     | 2444     | 2390     | 2410     | 1.21   | cps   |
| Phosphorus | 31-2  | 1258     | 1158     | 1175     | 1197     | 4.48   | cps   |
| Potassium  | 39-2  | 4008554  | 4055624  | 4077197  | 4047125  | 0.87   | cps   |
| Rhodium    | 103-1 | 10274744 | 10262786 | 10173942 | 10237157 | 0.54   | cps   |
| Rhodium    | 103-2 | 5667449  | 5766678  | 5813207  | 5749112  | 1.29   | cps   |
| Scandium   | 45-1  | 6616263  | 6535067  | 6497805  | 6549712  | 0.92   | cps   |
| Scandium   | 45-2  | 457037   | 460481   | 464394   | 460637   | 0.80   | cps   |
| Selenium   | 77-2  | 37       | 50       | 27       | 38       | 30.98  | cps   |
| Selenium   | 78-2  | 187      | 157      | 146      | 164      | 12.87  | cps   |
| Selenium   | 82-1  | 191      | 167      | 141      | 166      | 15.19  | cps   |
| Silicon    | 28-1  | 27474567 | 27194093 | 26776441 | 27148367 | 1.29   | cps   |
| Silver     | 109-1 | 10229    | 9687     | 8786     | 9568     | 7.62   | cps   |
| Silver     | 107-1 | 11146    | 10129    | 8937     | 10071    | 10.98  | cps   |
| Sodium     | 23-2  | 13783156 | 13792731 | 14000738 | 13858875 | 0.89   | cps   |
| Strontium  | 86-1  | 1853274  | 1843048  | 1822379  | 1839567  | 0.86   | cps   |
| Strontium  | 88-1  | 16457873 | 16433968 | 16339280 | 16410373 | 0.38   | cps   |
| Sulfur     | 34-1  | 1703635  | 1699669  | 1658661  | 1687322  | 1.48   | cps   |
| Terbium    | 159-1 | 15244433 | 15223809 | 15196032 | 15221425 | 0.16   | cps   |
| Terbium    | 159-2 | 8355732  | 8406527  | 8455191  | 8405817  | 0.59   | cps   |
| Thallium   | 203-1 | 7719     | 5768     | 4084     | 5857     | 31.06  | cps   |
| Thallium   | 205-1 | 19415    | 12823    | 9862     | 14034    | 34.85  | cps   |
| Tin        | 118-1 | 14216    | 14333    | 14116    | 14222    | 0.76   | cps   |
| Titanium   | 47-1  | 1417     | 1000     | 1067     | 1161     | 19.28  | cps   |
| Uranium    | 238-1 | 47647    | 49228    | 48526    | 48467    | 1.63   | cps   |
| Vanadium   | 51-2  | 17517    | 17597    | 17831    | 17649    | 0.92   | cps   |
| Yttrium    | 89-1  | 11641216 | 11679438 | 11526432 | 11615695 | 0.69   | cps   |
| Yttrium    | 89-2  | 2294864  | 2340172  | 2332480  | 2322505  | 1.04   | cps   |
| Zinc       | 66-2  | 8122     | 8746     | 8236     | 8368     | 3.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:43:58 | DataFile Name :   | 025SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3592 | 3201 | 3159 | 3317    | 7.21   | cps   |
| Zirconium | 91-1 | 717  | 733  | 733  | 728     | 1.32   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-02 Instrumnet Name : P7  
 Client Sample ID : LF012MW028-180409 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 15:47:31 DataFile Name : 026SMPL\_P7042318- M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1350      | 1384      | 1583      | 1439      | 8.77   | cps   |
| Antimony   | 121-1 | 20658     | 22235     | 23612     | 22168     | 6.67   | cps   |
| Arsenic    | 75-2  | 2148      | 2009      | 2137      | 2098      | 3.68   | cps   |
| Barium     | 135-1 | 355808    | 360260    | 360155    | 358741    | 0.71   | cps   |
| Barium     | 137-1 | 618289    | 623859    | 631159    | 624435    | 1.03   | cps   |
| Beryllium  | 9-1   | 239       | 278       | 228       | 248       | 10.58  | cps   |
| Bismuth    | 209-1 | 9810266   | 9969901   | 9860094   | 9880087   | 0.83   | cps   |
| Bismuth    | 209-2 | 5817340   | 5873002   | 5861177   | 5850506   | 0.50   | cps   |
| Boron      | 10-1  | 101623    | 105752    | 106130    | 104502    | 2.39   | cps   |
| Boron      | 11-1  | 509053    | 513810    | 515037    | 512634    | 0.62   | cps   |
| Cadmium    | 111-1 | 32322     | 32483     | 32043     | 32283     | 0.69   | cps   |
| Cadmium    | 106-1 | 6377      | 6318      | 6377      | 6357      | 0.53   | cps   |
| Cadmium    | 108-1 | 2059      | 2079      | 2279      | 2139      | 5.70   | cps   |
| Calcium    | 43-1  | 7369394   | 7400449   | 7399325   | 7389723   | 0.24   | cps   |
| Calcium    | 44-1  | 121194574 | 121857003 | 121983953 | 121678510 | 0.35   | cps   |
| Chromium   | 52-2  | 5725      | 5755      | 5718      | 5732      | 0.34   | cps   |
| Cobalt     | 59-2  | 37117     | 38126     | 37792     | 37679     | 1.36   | cps   |
| Copper     | 63-2  | 187990    | 188811    | 188949    | 188584    | 0.27   | cps   |
| Dysprosium | 156-1 | 92        | 158       | 158       | 136       | 28.28  | cps   |
| Dysprosium | 156-2 | 47        | 93        | 73        | 71        | 32.92  | cps   |
| Erbium     | 164-1 | 167       | 208       | 200       | 192       | 11.51  | cps   |
| Erbium     | 164-2 | 107       | 90        | 103       | 100       | 8.82   | cps   |
| Gadolinium | 160-1 | 167       | 183       | 208       | 186       | 11.27  | cps   |
| Gadolinium | 160-2 | 223       | 230       | 297       | 250       | 16.22  | cps   |
| Holmium    | 165-1 | 15336194  | 15399303  | 15407674  | 15381057  | 0.25   | cps   |
| Holmium    | 165-2 | 8650568   | 8716724   | 8735400   | 8700897   | 0.51   | cps   |
| Indium     | 115-1 | 12649530  | 12520724  | 12610366  | 12593540  | 0.52   | cps   |
| Indium     | 115-2 | 3219878   | 3241796   | 3199706   | 3220460   | 0.65   | cps   |
| Iron       | 56-2  | 26634176  | 26672222  | 26621260  | 26642553  | 0.10   | cps   |
| Iron       | 57-2  | 671518    | 678981    | 672269    | 674256    | 0.61   | cps   |
| Krypton    | 83-1  | 690       | 613       | 523       | 609       | 13.70  | cps   |
| Lead       | 206-1 | 38072     | 37944     | 37475     | 37830     | 0.83   | cps   |
| Lead       | 207-1 | 30603     | 31700     | 31617     | 31306     | 1.95   | cps   |
| Lead       | 208-1 | 143514    | 145563    | 144575    | 144551    | 0.71   | cps   |
| Lithium    | 6-1   | 3018890   | 3033724   | 3018207   | 3023607   | 0.29   | cps   |
| Magnesium  | 24-2  | 7956060   | 7969833   | 7936493   | 7954128   | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW028-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:47:31 | DataFile Name :   | 026SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1803976  | 1804980  | 1804551  | 1804502  | 0.03   | cps   |
| Molybdenum | 94-1  | 8136     | 7511     | 7944     | 7864     | 4.07   | cps   |
| Molybdenum | 95-1  | 12181    | 12281    | 11922    | 12128    | 1.53   | cps   |
| Molybdenum | 96-1  | 12848    | 13415    | 13574    | 13279    | 2.87   | cps   |
| Molybdenum | 97-1  | 7044     | 7827     | 7286     | 7386     | 5.43   | cps   |
| Molybdenum | 98-1  | 19422    | 19581    | 18955    | 19319    | 1.68   | cps   |
| Neodymium  | 150-1 | 167      | 207      | 147      | 173      | 17.63  | cps   |
| Neodymium  | 150-2 | 47       | 57       | 53       | 52       | 9.75   | cps   |
| Nickel     | 60-2  | 65844    | 65616    | 65322    | 65594    | 0.40   | cps   |
| Phosphorus | 31-2  | 867      | 792      | 817      | 825      | 4.63   | cps   |
| Potassium  | 39-2  | 3323621  | 3326343  | 3308002  | 3319322  | 0.30   | cps   |
| Rhodium    | 103-1 | 10232509 | 10317512 | 10293922 | 10281314 | 0.43   | cps   |
| Rhodium    | 103-2 | 5768756  | 5857370  | 5853616  | 5826580  | 0.86   | cps   |
| Scandium   | 45-1  | 6464679  | 6471227  | 6493583  | 6476496  | 0.23   | cps   |
| Scandium   | 45-2  | 459183   | 464257   | 469499   | 464313   | 1.11   | cps   |
| Selenium   | 77-2  | 40       | 47       | 37       | 41       | 12.39  | cps   |
| Selenium   | 78-2  | 141      | 150      | 120      | 137      | 11.06  | cps   |
| Selenium   | 82-1  | 151      | 200      | 240      | 197      | 22.63  | cps   |
| Silicon    | 28-1  | 51767704 | 52140757 | 51903506 | 51937323 | 0.36   | cps   |
| Silver     | 109-1 | 10604    | 10788    | 10705    | 10699    | 0.86   | cps   |
| Silver     | 107-1 | 11197    | 11755    | 10921    | 11291    | 3.76   | cps   |
| Sodium     | 23-2  | 34109063 | 34278299 | 34168513 | 34185292 | 0.25   | cps   |
| Strontium  | 86-1  | 3159981  | 3175713  | 3187392  | 3174362  | 0.43   | cps   |
| Strontium  | 88-1  | 28044666 | 28253177 | 28239861 | 28179235 | 0.41   | cps   |
| Sulfur     | 34-1  | 4331738  | 4377380  | 4324601  | 4344573  | 0.66   | cps   |
| Terbium    | 159-1 | 15467464 | 15483560 | 15757386 | 15569470 | 1.05   | cps   |
| Terbium    | 159-2 | 8602012  | 8619832  | 8689480  | 8637108  | 0.54   | cps   |
| Thallium   | 203-1 | 1142     | 1050     | 875      | 1022     | 13.25  | cps   |
| Thallium   | 205-1 | 2967     | 2600     | 2134     | 2567     | 16.27  | cps   |
| Tin        | 118-1 | 12957    | 13440    | 13916    | 13437    | 3.57   | cps   |
| Titanium   | 47-1  | 1267     | 1408     | 1575     | 1417     | 10.90  | cps   |
| Uranium    | 238-1 | 36152    | 35149    | 36135    | 35812    | 1.60   | cps   |
| Vanadium   | 51-2  | 4394     | 4441     | 4331     | 4388     | 1.26   | cps   |
| Yttrium    | 89-1  | 11707466 | 11781329 | 11779542 | 11756112 | 0.36   | cps   |
| Yttrium    | 89-2  | 2341136  | 2347862  | 2355508  | 2348168  | 0.31   | cps   |
| Zinc       | 66-2  | 169713   | 168901   | 170785   | 169800   | 0.56   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW028-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:47:31 | DataFile Name :   | 026SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3559 | 3442 | 3809 | 3604    | 5.21   | cps   |
| Zirconium | 91-1 | 833  | 833  | 1008 | 892     | 11.33  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 992      | 1150     | 1092     | 1078     | 7.43   | cps   |
| Antimony   | 121-1 | 12156    | 12723    | 12673    | 12517    | 2.51   | cps   |
| Arsenic    | 75-2  | 4154     | 4080     | 4147     | 4127     | 0.99   | cps   |
| Barium     | 135-1 | 170137   | 169183   | 174481   | 171267   | 1.65   | cps   |
| Barium     | 137-1 | 294404   | 301167   | 302603   | 299391   | 1.46   | cps   |
| Beryllium  | 9-1   | 156      | 122      | 161      | 146      | 14.38  | cps   |
| Bismuth    | 209-1 | 9798089  | 9864738  | 9934246  | 9865691  | 0.69   | cps   |
| Bismuth    | 209-2 | 5789471  | 5703853  | 5779342  | 5757555  | 0.81   | cps   |
| Boron      | 10-1  | 134443   | 133544   | 136637   | 134875   | 1.18   | cps   |
| Boron      | 11-1  | 680543   | 674889   | 681213   | 678882   | 0.51   | cps   |
| Cadmium    | 111-1 | 1829     | 1785     | 1828     | 1814     | 1.39   | cps   |
| Cadmium    | 106-1 | 3442     | 3284     | 3342     | 3356     | 2.39   | cps   |
| Cadmium    | 108-1 | 25       | 46       | 38       | 36       | 29.03  | cps   |
| Calcium    | 43-1  | 5856070  | 5920394  | 5883058  | 5886507  | 0.55   | cps   |
| Calcium    | 44-1  | 96149521 | 97481192 | 96881544 | 96837419 | 0.69   | cps   |
| Chromium   | 52-2  | 5184     | 4804     | 4888     | 4959     | 4.03   | cps   |
| Cobalt     | 59-2  | 5621     | 5895     | 5348     | 5621     | 4.86   | cps   |
| Copper     | 63-2  | 24788    | 24577    | 24451    | 24605    | 0.69   | cps   |
| Dysprosium | 156-1 | 83       | 58       | 83       | 75       | 19.24  | cps   |
| Dysprosium | 156-2 | 67       | 47       | 60       | 58       | 17.62  | cps   |
| Erbium     | 164-1 | 125      | 117      | 242      | 161      | 43.38  | cps   |
| Erbium     | 164-2 | 80       | 53       | 50       | 61       | 26.91  | cps   |
| Gadolinium | 160-1 | 117      | 183      | 117      | 139      | 27.71  | cps   |
| Gadolinium | 160-2 | 213      | 167      | 223      | 201      | 15.04  | cps   |
| Holmium    | 165-1 | 15669997 | 15692998 | 15688919 | 15683971 | 0.08   | cps   |
| Holmium    | 165-2 | 8782720  | 8584117  | 8672449  | 8679762  | 1.15   | cps   |
| Indium     | 115-1 | 12298063 | 12312554 | 12288768 | 12299795 | 0.10   | cps   |
| Indium     | 115-2 | 3103565  | 3034386  | 3068122  | 3068691  | 1.13   | cps   |
| Iron       | 56-2  | 34563024 | 33755965 | 34305482 | 34208157 | 1.21   | cps   |
| Iron       | 57-2  | 852326   | 839750   | 855700   | 849259   | 0.99   | cps   |
| Krypton    | 83-1  | 620      | 627      | 573      | 607      | 4.79   | cps   |
| Lead       | 206-1 | 3962     | 3828     | 3851     | 3880     | 1.84   | cps   |
| Lead       | 207-1 | 3328     | 3289     | 3206     | 3275     | 1.91   | cps   |
| Lead       | 208-1 | 14959    | 15104    | 14848    | 14970    | 0.86   | cps   |
| Lithium    | 6-1   | 2656244  | 2617920  | 2614668  | 2629611  | 0.88   | cps   |
| Magnesium  | 24-2  | 12024705 | 11820110 | 11918702 | 11921172 | 0.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1661189  | 1637315  | 1662692  | 1653732  | 0.86   | cps   |
| Molybdenum | 94-1  | 6493     | 6418     | 5843     | 6252     | 5.69   | cps   |
| Molybdenum | 95-1  | 8561     | 8645     | 8778     | 8661     | 1.26   | cps   |
| Molybdenum | 96-1  | 9270     | 9370     | 9829     | 9490     | 3.14   | cps   |
| Molybdenum | 97-1  | 5710     | 5360     | 5568     | 5546     | 3.18   | cps   |
| Molybdenum | 98-1  | 14408    | 13824    | 13766    | 13999    | 2.54   | cps   |
| Neodymium  | 150-1 | 93       | 93       | 100      | 96       | 4.02   | cps   |
| Neodymium  | 150-2 | 30       | 23       | 23       | 26       | 15.07  | cps   |
| Nickel     | 60-2  | 5208     | 5164     | 5238     | 5203     | 0.71   | cps   |
| Phosphorus | 31-2  | 983      | 1058     | 967      | 1003     | 4.87   | cps   |
| Potassium  | 39-2  | 2972236  | 2957652  | 2998590  | 2976159  | 0.70   | cps   |
| Rhodium    | 103-1 | 10329161 | 10354391 | 10408048 | 10363867 | 0.39   | cps   |
| Rhodium    | 103-2 | 5945889  | 5804557  | 5857810  | 5869419  | 1.22   | cps   |
| Scandium   | 45-1  | 6327445  | 6421017  | 6368941  | 6372468  | 0.74   | cps   |
| Scandium   | 45-2  | 467692   | 462440   | 470884   | 467006   | 0.91   | cps   |
| Selenium   | 77-2  | 53       | 33       | 30       | 39       | 32.45  | cps   |
| Selenium   | 78-2  | 131      | 146      | 133      | 137      | 5.89   | cps   |
| Selenium   | 82-1  | 245      | 212      | 313      | 257      | 20.13  | cps   |
| Silicon    | 28-1  | 54543010 | 54191803 | 53640132 | 54124982 | 0.84   | cps   |
| Silver     | 109-1 | 6027     | 5485     | 5276     | 5596     | 6.92   | cps   |
| Silver     | 107-1 | 6185     | 6060     | 6002     | 6082     | 1.54   | cps   |
| Sodium     | 23-2  | 50036170 | 49321468 | 49729162 | 49695600 | 0.72   | cps   |
| Strontium  | 86-1  | 3721886  | 3749262  | 3703916  | 3725021  | 0.61   | cps   |
| Strontium  | 88-1  | 32987473 | 33098430 | 32879261 | 32988388 | 0.33   | cps   |
| Sulfur     | 34-1  | 4262488  | 4229461  | 4191141  | 4227697  | 0.84   | cps   |
| Terbium    | 159-1 | 15779906 | 15834546 | 16011313 | 15875255 | 0.76   | cps   |
| Terbium    | 159-2 | 8685170  | 8496622  | 8626101  | 8602631  | 1.12   | cps   |
| Thallium   | 203-1 | 475      | 558      | 508      | 514      | 8.16   | cps   |
| Thallium   | 205-1 | 1242     | 1067     | 1008     | 1106     | 10.98  | cps   |
| Tin        | 118-1 | 12965    | 14266    | 14208    | 13813    | 5.32   | cps   |
| Titanium   | 47-1  | 1433     | 1375     | 1442     | 1417     | 2.56   | cps   |
| Uranium    | 238-1 | 18013    | 18047    | 17938    | 17999    | 0.31   | cps   |
| Vanadium   | 51-2  | 3130     | 3177     | 3094     | 3134     | 1.33   | cps   |
| Yttrium    | 89-1  | 11824723 | 11915927 | 11901511 | 11880720 | 0.41   | cps   |
| Yttrium    | 89-2  | 2343523  | 2300855  | 2328699  | 2324359  | 0.93   | cps   |
| Zinc       | 66-2  | 32523    | 32396    | 33392    | 32770    | 1.65   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW200-180409   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:51:08 | DataFile Name :   | 027SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3409 | 3551 | 3367 | 3442    | 2.79   | cps   |
| Zirconium | 91-1 | 1008 | 825  | 917  | 917     | 10.00  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1659      | 1767      | 1767      | 1731      | 3.61   | cps   |
| Antimony   | 121-1 | 21050     | 21142     | 20958     | 21050     | 0.44   | cps   |
| Arsenic    | 75-2  | 2104      | 2241      | 2065      | 2137      | 4.33   | cps   |
| Barium     | 135-1 | 359796    | 356628    | 352356    | 356260    | 1.05   | cps   |
| Barium     | 137-1 | 622249    | 621488    | 619704    | 621147    | 0.21   | cps   |
| Beryllium  | 9-1   | 228       | 172       | 150       | 183       | 21.85  | cps   |
| Bismuth    | 209-1 | 9961964   | 9981046   | 9889891   | 9944300   | 0.48   | cps   |
| Bismuth    | 209-2 | 5693116   | 5664160   | 5658252   | 5671842   | 0.33   | cps   |
| Boron      | 10-1  | 91369     | 93145     | 92533     | 92349     | 0.98   | cps   |
| Boron      | 11-1  | 458251    | 462122    | 460390    | 460254    | 0.42   | cps   |
| Cadmium    | 111-1 | 30906     | 30985     | 30326     | 30739     | 1.17   | cps   |
| Cadmium    | 106-1 | 5977      | 6068      | 5768      | 5938      | 2.59   | cps   |
| Cadmium    | 108-1 | 2234      | 2054      | 2084      | 2124      | 4.53   | cps   |
| Calcium    | 43-1  | 6999939   | 7043900   | 6866687   | 6970176   | 1.32   | cps   |
| Calcium    | 44-1  | 115130086 | 115575223 | 113709582 | 114804964 | 0.85   | cps   |
| Chromium   | 52-2  | 8072      | 8089      | 8252      | 8138      | 1.22   | cps   |
| Cobalt     | 59-2  | 37949     | 38056     | 37441     | 37815     | 0.87   | cps   |
| Copper     | 63-2  | 179479    | 177117    | 176520    | 177705    | 0.88   | cps   |
| Dysprosium | 156-1 | 125       | 192       | 100       | 139       | 34.12  | cps   |
| Dysprosium | 156-2 | 83        | 53        | 67        | 68        | 22.18  | cps   |
| Erbium     | 164-1 | 150       | 208       | 208       | 189       | 17.83  | cps   |
| Erbium     | 164-2 | 93        | 113       | 107       | 104       | 9.75   | cps   |
| Gadolinium | 160-1 | 142       | 233       | 142       | 172       | 30.73  | cps   |
| Gadolinium | 160-2 | 240       | 230       | 230       | 233       | 2.47   | cps   |
| Holmium    | 165-1 | 15645856  | 15565788  | 15538987  | 15583544  | 0.36   | cps   |
| Holmium    | 165-2 | 8534904   | 8550754   | 8456810   | 8514156   | 0.59   | cps   |
| Indium     | 115-1 | 12206583  | 12188555  | 12166186  | 12187108  | 0.17   | cps   |
| Indium     | 115-2 | 2998495   | 2991136   | 2969445   | 2986358   | 0.51   | cps   |
| Iron       | 56-2  | 23945615  | 23510592  | 23314480  | 23590229  | 1.37   | cps   |
| Iron       | 57-2  | 604758    | 598623    | 596312    | 599898    | 0.73   | cps   |
| Krypton    | 83-1  | 620       | 633       | 580       | 611       | 4.54   | cps   |
| Lead       | 206-1 | 35459     | 35643     | 35943     | 35682     | 0.69   | cps   |
| Lead       | 207-1 | 30887     | 29172     | 29467     | 29842     | 3.07   | cps   |
| Lead       | 208-1 | 140834    | 137140    | 138300    | 138758    | 1.36   | cps   |
| Lithium    | 6-1   | 2402537   | 2344382   | 2340708   | 2362542   | 1.47   | cps   |
| Magnesium  | 24-2  | 7746087   | 7665081   | 7614654   | 7675274   | 0.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1741966  | 1728662  | 1711154  | 1727261  | 0.89   | cps   |
| Molybdenum | 94-1  | 7552     | 7369     | 7444     | 7455     | 1.24   | cps   |
| Molybdenum | 95-1  | 11972    | 10963    | 11830    | 11588    | 4.71   | cps   |
| Molybdenum | 96-1  | 12356    | 12631    | 12014    | 12334    | 2.51   | cps   |
| Molybdenum | 97-1  | 7169     | 7044     | 6810     | 7008     | 2.60   | cps   |
| Molybdenum | 98-1  | 17812    | 18112    | 17879    | 17934    | 0.88   | cps   |
| Neodymium  | 150-1 | 173      | 160      | 113      | 149      | 21.16  | cps   |
| Neodymium  | 150-2 | 80       | 63       | 83       | 76       | 14.18  | cps   |
| Nickel     | 60-2  | 64243    | 63986    | 63225    | 63818    | 0.83   | cps   |
| Phosphorus | 31-2  | 925      | 758      | 725      | 803      | 13.35  | cps   |
| Potassium  | 39-2  | 3201711  | 3150610  | 3124846  | 3159056  | 1.24   | cps   |
| Rhodium    | 103-1 | 10228921 | 10410871 | 10252124 | 10297305 | 0.96   | cps   |
| Rhodium    | 103-2 | 5817151  | 5787668  | 5762795  | 5789205  | 0.47   | cps   |
| Scandium   | 45-1  | 6211153  | 6192976  | 6175464  | 6193198  | 0.29   | cps   |
| Scandium   | 45-2  | 457970   | 453416   | 448383   | 453256   | 1.06   | cps   |
| Selenium   | 77-2  | 40       | 37       | 50       | 42       | 16.43  | cps   |
| Selenium   | 78-2  | 107      | 117      | 104      | 109      | 6.11   | cps   |
| Selenium   | 82-1  | 68       | 115      | 199      | 127      | 52.34  | cps   |
| Silicon    | 28-1  | 46254967 | 46174471 | 45574590 | 46001342 | 0.81   | cps   |
| Silver     | 109-1 | 8895     | 8853     | 8303     | 8684     | 3.81   | cps   |
| Silver     | 107-1 | 8853     | 8795     | 8886     | 8845     | 0.52   | cps   |
| Sodium     | 23-2  | 33547781 | 33237900 | 32964785 | 33250155 | 0.88   | cps   |
| Strontium  | 86-1  | 3142442  | 3093263  | 3075529  | 3103745  | 1.12   | cps   |
| Strontium  | 88-1  | 27875813 | 27726329 | 27540331 | 27714158 | 0.61   | cps   |
| Sulfur     | 34-1  | 4035056  | 4037315  | 3981005  | 4017792  | 0.79   | cps   |
| Terbium    | 159-1 | 15836297 | 15814422 | 15925118 | 15858612 | 0.37   | cps   |
| Terbium    | 159-2 | 8525932  | 8456521  | 8410642  | 8464365  | 0.69   | cps   |
| Thallium   | 203-1 | 642      | 383      | 533      | 519      | 24.97  | cps   |
| Thallium   | 205-1 | 1450     | 1367     | 1075     | 1297     | 15.18  | cps   |
| Tin        | 118-1 | 14108    | 15301    | 14800    | 14736    | 4.07   | cps   |
| Titanium   | 47-1  | 1133     | 1625     | 1208     | 1322     | 20.04  | cps   |
| Uranium    | 238-1 | 36753    | 36787    | 36161    | 36567    | 0.96   | cps   |
| Vanadium   | 51-2  | 5194     | 5004     | 5374     | 5191     | 3.57   | cps   |
| Yttrium    | 89-1  | 11806587 | 11825671 | 11730451 | 11787570 | 0.43   | cps   |
| Yttrium    | 89-2  | 2286257  | 2270667  | 2266477  | 2274467  | 0.46   | cps   |
| Zinc       | 66-2  | 161909   | 159240   | 158021   | 159724   | 1.25   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0439-180409     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 15:54:42 | DataFile Name :   | 028SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3317 | 2925 | 3726 | 3323    | 12.04  | cps   |
| Zirconium | 91-1 | 742  | 783  | 875  | 800     | 8.53   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6584027   | 6592630   | 6591597   | 6589418   | 0.07   | cps   |
| Antimony   | 121-1 | 5038437   | 5015597   | 5033738   | 5029257   | 0.24   | cps   |
| Arsenic    | 75-2  | 225240    | 226344    | 225736    | 225773    | 0.24   | cps   |
| Barium     | 135-1 | 5885589   | 5936808   | 5948175   | 5923524   | 0.56   | cps   |
| Barium     | 137-1 | 10167540  | 10222476  | 10304733  | 10231583  | 0.67   | cps   |
| Beryllium  | 9-1   | 831488    | 828454    | 847751    | 835898    | 1.24   | cps   |
| Bismuth    | 209-1 | 10050143  | 10149407  | 10085037  | 10094862  | 0.50   | cps   |
| Bismuth    | 209-2 | 5893094   | 5893998   | 5872605   | 5886566   | 0.21   | cps   |
| Boron      | 10-1  | 96775     | 100549    | 101951    | 99759     | 2.68   | cps   |
| Boron      | 11-1  | 465226    | 476795    | 484394    | 475472    | 2.03   | cps   |
| Cadmium    | 111-1 | 1113054   | 1124869   | 1122748   | 1120224   | 0.56   | cps   |
| Cadmium    | 106-1 | 124752    | 124780    | 127017    | 125516    | 1.04   | cps   |
| Cadmium    | 108-1 | 84442     | 84404     | 85674     | 84840     | 0.85   | cps   |
| Calcium    | 43-1  | 6201285   | 6235014   | 6252425   | 6229575   | 0.42   | cps   |
| Calcium    | 44-1  | 102006850 | 101718967 | 102335200 | 102020339 | 0.30   | cps   |
| Chromium   | 52-2  | 1944106   | 1931556   | 1918124   | 1931262   | 0.67   | cps   |
| Cobalt     | 59-2  | 2856793   | 2846552   | 2842098   | 2848481   | 0.26   | cps   |
| Copper     | 63-2  | 3870061   | 3879648   | 3861923   | 3870544   | 0.23   | cps   |
| Dysprosium | 156-1 | 108       | 158       | 117       | 128       | 20.96  | cps   |
| Dysprosium | 156-2 | 103       | 127       | 87        | 106       | 19.03  | cps   |
| Erbium     | 164-1 | 92        | 67        | 50        | 69        | 30.20  | cps   |
| Erbium     | 164-2 | 37        | 50        | 33        | 40        | 22.05  | cps   |
| Gadolinium | 160-1 | 125       | 192       | 133       | 150       | 24.22  | cps   |
| Gadolinium | 160-2 | 197       | 193       | 253       | 214       | 15.72  | cps   |
| Holmium    | 165-1 | 16242222  | 16445060  | 16439212  | 16375498  | 0.71   | cps   |
| Holmium    | 165-2 | 9019247   | 9036360   | 8951036   | 9002214   | 0.50   | cps   |
| Indium     | 115-1 | 11677360  | 11663508  | 11650508  | 11663792  | 0.12   | cps   |
| Indium     | 115-2 | 2922811   | 2923128   | 2950114   | 2932018   | 0.53   | cps   |
| Iron       | 56-2  | 392826153 | 389715098 | 389138653 | 390559968 | 0.51   | cps   |
| Iron       | 57-2  | 9567104   | 9466123   | 9522942   | 9518723   | 0.53   | cps   |
| Krypton    | 83-1  | 540       | 577       | 550       | 556       | 3.41   | cps   |
| Lead       | 206-1 | 3881626   | 3895172   | 3943460   | 3906753   | 0.83   | cps   |
| Lead       | 207-1 | 3399566   | 3414975   | 3468474   | 3427672   | 1.06   | cps   |
| Lead       | 208-1 | 15520126  | 15665707  | 15756491  | 15647441  | 0.76   | cps   |
| Lithium    | 6-1   | 2264578   | 2280037   | 2307199   | 2283938   | 0.94   | cps   |
| Magnesium  | 24-2  | 70915635  | 70919133  | 70478749  | 70771172  | 0.36   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 2170405   | 2182416   | 2163042   | 2171954   | 0.45   | cps   |
| Molybdenum | 94-1  | 9543680   | 9506901   | 9594918   | 9548499   | 0.46   | cps   |
| Molybdenum | 95-1  | 11807238  | 11845932  | 11890018  | 11847730  | 0.35   | cps   |
| Molybdenum | 96-1  | 12862784  | 12964070  | 13026991  | 12951282  | 0.64   | cps   |
| Molybdenum | 97-1  | 7288826   | 7370006   | 7362031   | 7340287   | 0.61   | cps   |
| Molybdenum | 98-1  | 18947907  | 18992401  | 19038797  | 18993035  | 0.24   | cps   |
| Neodymium  | 150-1 | 560       | 533       | 387       | 493       | 18.92  | cps   |
| Neodymium  | 150-2 | 83        | 87        | 67        | 79        | 13.58  | cps   |
| Nickel     | 60-2  | 746836    | 747456    | 742018    | 745437    | 0.40   | cps   |
| Phosphorus | 31-2  | 75558     | 75441     | 75760     | 75586     | 0.21   | cps   |
| Potassium  | 39-2  | 39104194  | 39028102  | 38865197  | 38999164  | 0.31   | cps   |
| Rhodium    | 103-1 | 10675692  | 10682998  | 10745614  | 10701435  | 0.36   | cps   |
| Rhodium    | 103-2 | 5907007   | 5859073   | 5871661   | 5879247   | 0.42   | cps   |
| Scandium   | 45-1  | 7002822   | 6920576   | 6944992   | 6956130   | 0.61   | cps   |
| Scandium   | 45-2  | 481555    | 480452    | 481241    | 481083    | 0.12   | cps   |
| Selenium   | 77-2  | 4688      | 4524      | 4447      | 4553      | 2.69   | cps   |
| Selenium   | 78-2  | 15924     | 15419     | 15551     | 15631     | 1.67   | cps   |
| Selenium   | 82-1  | 68199     | 68740     | 68011     | 68316     | 0.55   | cps   |
| Silicon    | 28-1  | 3428897   | 3501933   | 3560569   | 3497133   | 1.89   | cps   |
| Silver     | 109-1 | 5320883   | 5377832   | 5401938   | 5366884   | 0.78   | cps   |
| Silver     | 107-1 | 5589131   | 5630098   | 5670840   | 5630023   | 0.73   | cps   |
| Sodium     | 23-2  | 135604711 | 135689216 | 135817682 | 135703870 | 0.08   | cps   |
| Strontium  | 86-1  | 1477062   | 1484062   | 1488468   | 1483197   | 0.39   | cps   |
| Strontium  | 88-1  | 13211096  | 13247547  | 13225886  | 13228176  | 0.14   | cps   |
| Sulfur     | 34-1  | 803368    | 803323    | 800379    | 802357    | 0.21   | cps   |
| Terbium    | 159-1 | 16614806  | 16546762  | 16725961  | 16629176  | 0.54   | cps   |
| Terbium    | 159-2 | 8891824   | 8918894   | 8855133   | 8888617   | 0.36   | cps   |
| Thallium   | 203-1 | 4780108   | 4831950   | 4841973   | 4818010   | 0.69   | cps   |
| Thallium   | 205-1 | 11509929  | 11569372  | 11690543  | 11589948  | 0.79   | cps   |
| Tin        | 118-1 | 3734356   | 3730406   | 3736507   | 3733756   | 0.08   | cps   |
| Titanium   | 47-1  | 2963328   | 2935870   | 2966194   | 2955130   | 0.57   | cps   |
| Uranium    | 238-1 | 17173726  | 17213163  | 17257531  | 17214806  | 0.24   | cps   |
| Vanadium   | 51-2  | 1592451   | 1580509   | 1573155   | 1582038   | 0.62   | cps   |
| Yttrium    | 89-1  | 12481113  | 12549469  | 12504646  | 12511743  | 0.28   | cps   |
| Yttrium    | 89-2  | 2405060   | 2403314   | 2406671   | 2405015   | 0.07   | cps   |
| Zinc       | 66-2  | 584171    | 581972    | 582905    | 583016    | 0.19   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:01:48 | DataFile Name :   | 030CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7853023 | 7876805 | 7898878 | 7876236 | 0.29   | cps   |
| Zirconium | 91-1 | 1737654 | 1729751 | 1745485 | 1737630 | 0.45   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 350      | 358      | 283      | 331      | 12.44  | cps   |
| Antimony   | 121-1 | 4459     | 5793     | 7210     | 5821     | 23.64  | cps   |
| Arsenic    | 75-2  | 26       | 17       | 35       | 26       | 35.71  | cps   |
| Barium     | 135-1 | 183      | 342      | 275      | 267      | 29.81  | cps   |
| Barium     | 137-1 | 550      | 500      | 592      | 547      | 8.39   | cps   |
| Beryllium  | 9-1   | 233      | 211      | 239      | 228      | 6.45   | cps   |
| Bismuth    | 209-1 | 10899528 | 10843741 | 10689458 | 10810909 | 1.01   | cps   |
| Bismuth    | 209-2 | 6152513  | 6217148  | 6235894  | 6201852  | 0.71   | cps   |
| Boron      | 10-1  | 2492     | 2567     | 2392     | 2484     | 3.54   | cps   |
| Boron      | 11-1  | 12672    | 11855    | 10938    | 11822    | 7.34   | cps   |
| Cadmium    | 111-1 | 1891     | 1972     | 1907     | 1923     | 2.24   | cps   |
| Cadmium    | 106-1 | 3684     | 3859     | 3734     | 3759     | 2.40   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 8        | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 492      | 283      | 317      | 364      | 30.75  | cps   |
| Calcium    | 44-1  | 14850    | 15267    | 14791    | 14969    | 1.73   | cps   |
| Chromium   | 52-2  | 723      | 733      | 750      | 736      | 1.83   | cps   |
| Cobalt     | 59-2  | 153      | 147      | 147      | 149      | 2.59   | cps   |
| Copper     | 63-2  | 2797     | 2987     | 2810     | 2865     | 3.70   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 13       | 6        | 124.93 | cps   |
| Erbium     | 164-1 | 33       | 83       | 75       | 64       | 41.93  | cps   |
| Erbium     | 164-2 | 17       | 17       | 27       | 20       | 28.86  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 108      | 94       | 25.47  | cps   |
| Gadolinium | 160-2 | 223      | 147      | 187      | 186      | 20.67  | cps   |
| Holmium    | 165-1 | 16361304 | 16181195 | 16178387 | 16240296 | 0.65   | cps   |
| Holmium    | 165-2 | 8900790  | 8864314  | 8843378  | 8869494  | 0.33   | cps   |
| Indium     | 115-1 | 12196116 | 12171442 | 11993877 | 12120478 | 0.91   | cps   |
| Indium     | 115-2 | 3000904  | 3009156  | 3003054  | 3004371  | 0.14   | cps   |
| Iron       | 56-2  | 26909    | 25673    | 23024    | 25202    | 7.87   | cps   |
| Iron       | 57-2  | 1111     | 945      | 850      | 969      | 13.65  | cps   |
| Krypton    | 83-1  | 577      | 530      | 587      | 564      | 5.36   | cps   |
| Lead       | 206-1 | 1067     | 1250     | 1300     | 1206     | 10.19  | cps   |
| Lead       | 207-1 | 917      | 1117     | 1067     | 1033     | 10.07  | cps   |
| Lead       | 208-1 | 4450     | 4995     | 5184     | 4876     | 7.81   | cps   |
| Lithium    | 6-1   | 2477098  | 2452022  | 2430843  | 2453321  | 0.94   | cps   |
| Magnesium  | 24-2  | 1775     | 1425     | 1567     | 1589     | 11.08  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 133      | 173      | 157      | 154      | 13.01   | cps   |
| Molybdenum | 94-1  | 1934     | 1567     | 1400     | 1634     | 16.71   | cps   |
| Molybdenum | 95-1  | 2542     | 2242     | 2267     | 2350     | 7.08    | cps   |
| Molybdenum | 96-1  | 2425     | 2734     | 2400     | 2520     | 7.37    | cps   |
| Molybdenum | 97-1  | 1433     | 1192     | 1308     | 1311     | 9.22    | cps   |
| Molybdenum | 98-1  | 3492     | 3467     | 3376     | 3445     | 1.78    | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 43       | 23       | 57       | 41       | 40.82   | cps   |
| Phosphorus | 31-2  | 475      | 475      | 600      | 517      | 13.97   | cps   |
| Potassium  | 39-2  | 64625    | 64390    | 63638    | 64217    | 0.80    | cps   |
| Rhodium    | 103-1 | 11480441 | 11386417 | 11307873 | 11391577 | 0.76    | cps   |
| Rhodium    | 103-2 | 6226259  | 6307128  | 6205582  | 6246323  | 0.86    | cps   |
| Scandium   | 45-1  | 7024916  | 6945867  | 6940993  | 6970592  | 0.68    | cps   |
| Scandium   | 45-2  | 465871   | 467202   | 463062   | 465378   | 0.45    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 115      | 124      | 131      | 123      | 6.76    | cps   |
| Selenium   | 82-1  | -1       | 12       | -56      | -15      | -238.27 | cps   |
| Silicon    | 28-1  | 354630   | 348061   | 341816   | 348169   | 1.84    | cps   |
| Silver     | 109-1 | 892      | 900      | 883      | 892      | 0.94    | cps   |
| Silver     | 107-1 | 808      | 975      | 975      | 920      | 10.47   | cps   |
| Sodium     | 23-2  | 48504    | 47284    | 46874    | 47554    | 1.78    | cps   |
| Strontium  | 86-1  | 1100     | 992      | 900      | 997      | 10.04   | cps   |
| Strontium  | 88-1  | 608      | 583      | 658      | 617      | 6.19    | cps   |
| Sulfur     | 34-1  | 429119   | 427466   | 426976   | 427854   | 0.26    | cps   |
| Terbium    | 159-1 | 16753480 | 16544447 | 16428548 | 16575491 | 0.99    | cps   |
| Terbium    | 159-2 | 8818833  | 8821561  | 8782578  | 8807657  | 0.25    | cps   |
| Thallium   | 203-1 | 1975     | 2067     | 1750     | 1931     | 8.44    | cps   |
| Thallium   | 205-1 | 5101     | 5009     | 4434     | 4848     | 7.46    | cps   |
| Tin        | 118-1 | 1275     | 1333     | 1258     | 1289     | 3.06    | cps   |
| Titanium   | 47-1  | 217      | 208      | 125      | 183      | 27.65   | cps   |
| Uranium    | 238-1 | 567      | 483      | 442      | 497      | 12.80   | cps   |
| Vanadium   | 51-2  | 40       | 83       | 47       | 57       | 41.18   | cps   |
| Yttrium    | 89-1  | 12459236 | 12450434 | 12396268 | 12435313 | 0.27    | cps   |
| Yttrium    | 89-2  | 2336727  | 2376901  | 2354350  | 2355993  | 0.85    | cps   |
| Zinc       | 66-2  | 293      | 257      | 363      | 304      | 17.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:05:25 | DataFile Name :   | 031CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1083 | 1117 | 1242 | 1147    | 7.28   | cps   |
| Zirconium | 91-1 | 333  | 200  | 317  | 283     | 25.64  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05DUP Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:08:58 DataFile Name : 032SMPL\_P7042318- M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5535      | 5801      | 5718      | 5685      | 2.40   | cps   |
| Antimony   | 121-1 | 15126     | 17170     | 17887     | 16727     | 8.57   | cps   |
| Arsenic    | 75-2  | 1898      | 1989      | 1959      | 1949      | 2.37   | cps   |
| Barium     | 135-1 | 77206     | 79469     | 77289     | 77988     | 1.65   | cps   |
| Barium     | 137-1 | 135052    | 138241    | 134500    | 135931    | 1.49   | cps   |
| Beryllium  | 9-1   | 150       | 128       | 139       | 139       | 8.00   | cps   |
| Bismuth    | 209-1 | 9662064   | 9697290   | 9665142   | 9674832   | 0.20   | cps   |
| Bismuth    | 209-2 | 5664709   | 5731599   | 5676882   | 5691063   | 0.63   | cps   |
| Boron      | 10-1  | 137317    | 136729    | 134663    | 136237    | 1.02   | cps   |
| Boron      | 11-1  | 681299    | 679701    | 675805    | 678935    | 0.42   | cps   |
| Cadmium    | 111-1 | 1980      | 1864      | 1770      | 1872      | 5.61   | cps   |
| Cadmium    | 106-1 | 3417      | 3334      | 3176      | 3309      | 3.71   | cps   |
| Cadmium    | 108-1 | 29        | 33        | 25        | 29        | 14.28  | cps   |
| Calcium    | 43-1  | 8718344   | 8684749   | 8643045   | 8682046   | 0.43   | cps   |
| Calcium    | 44-1  | 143018612 | 142514999 | 141137636 | 142223749 | 0.68   | cps   |
| Chromium   | 52-2  | 7018      | 7145      | 7189      | 7117      | 1.24   | cps   |
| Cobalt     | 59-2  | 5718      | 5621      | 5708      | 5682      | 0.94   | cps   |
| Copper     | 63-2  | 18539     | 18512     | 18929     | 18660     | 1.25   | cps   |
| Dysprosium | 156-1 | 175       | 217       | 200       | 197       | 10.63  | cps   |
| Dysprosium | 156-2 | 73        | 153       | 77        | 101       | 44.76  | cps   |
| Erbium     | 164-1 | 200       | 192       | 233       | 208       | 10.58  | cps   |
| Erbium     | 164-2 | 67        | 103       | 110       | 93        | 25.00  | cps   |
| Gadolinium | 160-1 | 250       | 150       | 275       | 225       | 29.40  | cps   |
| Gadolinium | 160-2 | 207       | 277       | 267       | 250       | 15.14  | cps   |
| Holmium    | 165-1 | 15107526  | 15339083  | 15269137  | 15238582  | 0.78   | cps   |
| Holmium    | 165-2 | 8491909   | 8641260   | 8537983   | 8557051   | 0.89   | cps   |
| Indium     | 115-1 | 11948788  | 11906263  | 11902834  | 11919295  | 0.21   | cps   |
| Indium     | 115-2 | 2933248   | 2977413   | 2949213   | 2953291   | 0.76   | cps   |
| Iron       | 56-2  | 15756553  | 16082387  | 15870728  | 15903223  | 1.04   | cps   |
| Iron       | 57-2  | 419112    | 424810    | 426248    | 423390    | 0.89   | cps   |
| Krypton    | 83-1  | 593       | 630       | 603       | 609       | 3.11   | cps   |
| Lead       | 206-1 | 3401      | 3473      | 3395      | 3423      | 1.27   | cps   |
| Lead       | 207-1 | 2834      | 2728      | 2623      | 2728      | 3.87   | cps   |
| Lead       | 208-1 | 13442     | 13414     | 13092     | 13316     | 1.46   | cps   |
| Lithium    | 6-1   | 2492080   | 2505612   | 2470762   | 2489484   | 0.71   | cps   |
| Magnesium  | 24-2  | 25965587  | 26334283  | 25870941  | 26056937  | 0.94   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410DL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:08:58 | DataFile Name :   | 032SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 980249   | 997078   | 983150   | 986826   | 0.91   | cps   |
| Molybdenum | 94-1  | 5060     | 5093     | 5068     | 5073     | 0.34   | cps   |
| Molybdenum | 95-1  | 5743     | 6060     | 5676     | 5826     | 3.52   | cps   |
| Molybdenum | 96-1  | 6702     | 6802     | 6468     | 6657     | 2.57   | cps   |
| Molybdenum | 97-1  | 4376     | 3576     | 3617     | 3856     | 11.68  | cps   |
| Molybdenum | 98-1  | 9954     | 9862     | 9720     | 9845     | 1.20   | cps   |
| Neodymium  | 150-1 | 220      | 213      | 240      | 224      | 6.18   | cps   |
| Neodymium  | 150-2 | 110      | 93       | 117      | 107      | 11.26  | cps   |
| Nickel     | 60-2  | 7405     | 7635     | 7642     | 7561     | 1.78   | cps   |
| Phosphorus | 31-2  | 650      | 858      | 767      | 758      | 13.77  | cps   |
| Potassium  | 39-2  | 3401775  | 3477063  | 3435949  | 3438262  | 1.10   | cps   |
| Rhodium    | 103-1 | 9997951  | 10102843 | 9940534  | 10013776 | 0.82   | cps   |
| Rhodium    | 103-2 | 5601501  | 5703653  | 5657407  | 5654187  | 0.90   | cps   |
| Scandium   | 45-1  | 6210449  | 6213719  | 6172193  | 6198787  | 0.37   | cps   |
| Scandium   | 45-2  | 451143   | 457763   | 460099   | 456335   | 1.02   | cps   |
| Selenium   | 77-2  | 33       | 37       | 67       | 46       | 40.30  | cps   |
| Selenium   | 78-2  | 148      | 133      | 104      | 128      | 17.63  | cps   |
| Selenium   | 82-1  | 215      | 186      | 210      | 204      | 7.67   | cps   |
| Silicon    | 28-1  | 53781276 | 53040928 | 53195530 | 53339245 | 0.73   | cps   |
| Silver     | 109-1 | 6619     | 5718     | 6152     | 6163     | 7.31   | cps   |
| Silver     | 107-1 | 6727     | 6410     | 6010     | 6382     | 5.63   | cps   |
| Sodium     | 23-2  | 66296247 | 67334481 | 66211443 | 66614057 | 0.94   | cps   |
| Strontium  | 86-1  | 7287878  | 7337655  | 7237129  | 7287554  | 0.69   | cps   |
| Strontium  | 88-1  | 63941147 | 64669272 | 63884914 | 64165111 | 0.68   | cps   |
| Sulfur     | 34-1  | 8991944  | 8815658  | 8916401  | 8908001  | 0.99   | cps   |
| Terbium    | 159-1 | 15519744 | 15587141 | 15595143 | 15567342 | 0.27   | cps   |
| Terbium    | 159-2 | 8381654  | 8515391  | 8442700  | 8446582  | 0.79   | cps   |
| Thallium   | 203-1 | 8103     | 5043     | 3226     | 5457     | 45.17  | cps   |
| Thallium   | 205-1 | 19090    | 12006    | 8036     | 13044    | 42.93  | cps   |
| Tin        | 118-1 | 11856    | 12606    | 12181    | 12214    | 3.08   | cps   |
| Titanium   | 47-1  | 1792     | 3040     | 1700     | 2177     | 34.38  | cps   |
| Uranium    | 238-1 | 39454    | 39938    | 40172    | 39855    | 0.92   | cps   |
| Vanadium   | 51-2  | 7675     | 7792     | 7916     | 7794     | 1.54   | cps   |
| Yttrium    | 89-1  | 11538596 | 11526221 | 11565874 | 11543564 | 0.18   | cps   |
| Yttrium    | 89-2  | 2245652  | 2273671  | 2262655  | 2260659  | 0.62   | cps   |
| Zinc       | 66-2  | 4094     | 4317     | 4087     | 4166     | 3.14   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410DL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:08:58 | DataFile Name :   | 032SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4493 | 4026 | 4368 | 4295    | 5.63   | cps   |
| Zirconium | 91-1 | 1058 | 967  | 1033 | 1020    | 4.65   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2767     | 2867     | 2726     | 2787     | 2.61   | cps   |
| Antimony   | 121-1 | 2925     | 2617     | 3251     | 2931     | 10.81  | cps   |
| Arsenic    | 75-2  | 433      | 448      | 465      | 449      | 3.51   | cps   |
| Barium     | 135-1 | 17019    | 16636    | 16844    | 16833    | 1.14   | cps   |
| Barium     | 137-1 | 29399    | 30125    | 30434    | 29986    | 1.77   | cps   |
| Beryllium  | 9-1   | 117      | 78       | 117      | 104      | 21.65  | cps   |
| Bismuth    | 209-1 | 10331936 | 10315210 | 10478597 | 10375248 | 0.87   | cps   |
| Bismuth    | 209-2 | 5969048  | 6050862  | 6072101  | 6030670  | 0.90   | cps   |
| Boron      | 10-1  | 30924    | 32102    | 31409    | 31478    | 1.88   | cps   |
| Boron      | 11-1  | 155712   | 156182   | 157124   | 156339   | 0.46   | cps   |
| Cadmium    | 111-1 | 1802     | 1673     | 1858     | 1778     | 5.34   | cps   |
| Cadmium    | 106-1 | 3517     | 3317     | 3617     | 3484     | 4.39   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 13       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 1857410  | 1850260  | 1892611  | 1866760  | 1.21   | cps   |
| Calcium    | 44-1  | 30797105 | 30704430 | 31385205 | 30962247 | 1.19   | cps   |
| Chromium   | 52-2  | 2710     | 7027     | 2677     | 4138     | 60.47  | cps   |
| Cobalt     | 59-2  | 1333     | 1390     | 1287     | 1337     | 3.87   | cps   |
| Copper     | 63-2  | 6428     | 6602     | 6398     | 6476     | 1.70   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 53       | 13       | 23       | 30       | 69.40  | cps   |
| Erbium     | 164-1 | 133      | 75       | 42       | 83       | 55.68  | cps   |
| Erbium     | 164-2 | 33       | 23       | 53       | 37       | 41.66  | cps   |
| Gadolinium | 160-1 | 142      | 117      | 142      | 133      | 10.83  | cps   |
| Gadolinium | 160-2 | 163      | 217      | 160      | 180      | 17.67  | cps   |
| Holmium    | 165-1 | 16572429 | 16450113 | 16526311 | 16516285 | 0.37   | cps   |
| Holmium    | 165-2 | 9025204  | 9119916  | 9044659  | 9063260  | 0.55   | cps   |
| Indium     | 115-1 | 12273307 | 12204063 | 12406758 | 12294709 | 0.84   | cps   |
| Indium     | 115-2 | 3077256  | 3076965  | 3100091  | 3084771  | 0.43   | cps   |
| Iron       | 56-2  | 3356405  | 3375127  | 3381642  | 3371058  | 0.39   | cps   |
| Iron       | 57-2  | 92875    | 91931    | 92133    | 92313    | 0.54   | cps   |
| Krypton    | 83-1  | 550      | 477      | 593      | 540      | 10.92  | cps   |
| Lead       | 206-1 | 850      | 1022     | 972      | 948      | 9.35   | cps   |
| Lead       | 207-1 | 772      | 761      | 806      | 780      | 2.97   | cps   |
| Lead       | 208-1 | 3611     | 3734     | 3811     | 3719     | 2.71   | cps   |
| Lithium    | 6-1   | 2093668  | 2095421  | 2087272  | 2092120  | 0.21   | cps   |
| Magnesium  | 24-2  | 5645921  | 5643903  | 5650229  | 5646684  | 0.06   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 212302   | 212411   | 211794   | 212169   | 0.16   | cps   |
| Molybdenum | 94-1  | 1242     | 1233     | 1383     | 1286     | 6.56   | cps   |
| Molybdenum | 95-1  | 1292     | 1533     | 1525     | 1450     | 9.46   | cps   |
| Molybdenum | 96-1  | 1767     | 1759     | 1675     | 1734     | 2.93   | cps   |
| Molybdenum | 97-1  | 758      | 1000     | 1050     | 936      | 16.66  | cps   |
| Molybdenum | 98-1  | 2400     | 2234     | 2359     | 2331     | 3.72   | cps   |
| Neodymium  | 150-1 | 60       | 33       | 40       | 44       | 31.22  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 10       | 19       | 40.75  | cps   |
| Nickel     | 60-2  | 1917     | 1710     | 1793     | 1807     | 5.76   | cps   |
| Phosphorus | 31-2  | 767      | 625      | 650      | 681      | 11.11  | cps   |
| Potassium  | 39-2  | 786501   | 783947   | 792893   | 787780   | 0.58   | cps   |
| Rhodium    | 103-1 | 11223240 | 11166392 | 11188242 | 11192625 | 0.26   | cps   |
| Rhodium    | 103-2 | 6290257  | 6300472  | 6349530  | 6313419  | 0.50   | cps   |
| Scandium   | 45-1  | 6740091  | 6680775  | 6779944  | 6733603  | 0.74   | cps   |
| Scandium   | 45-2  | 490590   | 488809   | 490475   | 489958   | 0.20   | cps   |
| Selenium   | 77-2  | 17       | 13       | 10       | 13       | 25.01  | cps   |
| Selenium   | 78-2  | 144      | 111      | 143      | 133      | 14.12  | cps   |
| Selenium   | 82-1  | 51       | 88       | -11      | 43       | 116.21 | cps   |
| Silicon    | 28-1  | 11951200 | 11969440 | 12157364 | 12026001 | 0.95   | cps   |
| Silver     | 109-1 | 2525     | 1984     | 2059     | 2189     | 13.41  | cps   |
| Silver     | 107-1 | 2384     | 2192     | 2467     | 2348     | 6.01   | cps   |
| Sodium     | 23-2  | 14343215 | 14305557 | 14318143 | 14322305 | 0.13   | cps   |
| Strontium  | 86-1  | 1550472  | 1538486  | 1562613  | 1550524  | 0.78   | cps   |
| Strontium  | 88-1  | 13882612 | 13776685 | 13990121 | 13883139 | 0.77   | cps   |
| Sulfur     | 34-1  | 2866456  | 2850600  | 2899867  | 2872308  | 0.88   | cps   |
| Terbium    | 159-1 | 16792404 | 16787747 | 16862009 | 16814053 | 0.25   | cps   |
| Terbium    | 159-2 | 8967193  | 8982669  | 8973977  | 8974613  | 0.09   | cps   |
| Thallium   | 203-1 | 392      | 442      | 358      | 397      | 10.56  | cps   |
| Thallium   | 205-1 | 942      | 1158     | 1050     | 1050     | 10.32  | cps   |
| Tin        | 118-1 | 1542     | 1442     | 1450     | 1478     | 3.75   | cps   |
| Titanium   | 47-1  | 892      | 767      | 1184     | 947      | 22.58  | cps   |
| Uranium    | 238-1 | 8370     | 7861     | 9170     | 8467     | 7.79   | cps   |
| Vanadium   | 51-2  | 2410     | 2294     | 2347     | 2350     | 2.49   | cps   |
| Yttrium    | 89-1  | 12496922 | 12526029 | 12587574 | 12536841 | 0.37   | cps   |
| Yttrium    | 89-2  | 2426855  | 2432201  | 2447203  | 2435419  | 0.43   | cps   |
| Zinc       | 66-2  | 1263     | 1187     | 1137     | 1196     | 5.34   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 16:12:34 | DataFile Name :   | 033SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1725 | 1767 | 1725 | 1739    | 1.38   | cps   |
| Zirconium | 91-1 | 383  | 417  | 400  | 400     | 4.17   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-06 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:16:07 DataFile Name : 034SMPL\_P7042318- M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1171779   | 1177357   | 1178681   | 1175939   | 0.31   | cps   |
| Antimony   | 121-1 | 4820099   | 4906347   | 4932481   | 4886309   | 1.20   | cps   |
| Arsenic    | 75-2  | 227357    | 229784    | 232416    | 229852    | 1.10   | cps   |
| Barium     | 135-1 | 5708136   | 5749866   | 5823315   | 5760439   | 1.01   | cps   |
| Barium     | 137-1 | 9910337   | 9955036   | 10076344  | 9980572   | 0.86   | cps   |
| Beryllium  | 9-1   | 613486    | 607672    | 608658    | 609938    | 0.51   | cps   |
| Bismuth    | 209-1 | 9871604   | 9839441   | 9903139   | 9871395   | 0.32   | cps   |
| Bismuth    | 209-2 | 5669748   | 5662101   | 5643781   | 5658543   | 0.24   | cps   |
| Boron      | 10-1  | 203614    | 205929    | 204193    | 204579    | 0.59   | cps   |
| Boron      | 11-1  | 1015288   | 1022000   | 1020820   | 1019369   | 0.35   | cps   |
| Cadmium    | 111-1 | 1041854   | 1061354   | 1071736   | 1058315   | 1.43   | cps   |
| Cadmium    | 106-1 | 115921    | 116997    | 117416    | 116778    | 0.66   | cps   |
| Cadmium    | 108-1 | 78432     | 78608     | 79626     | 78889     | 0.82   | cps   |
| Calcium    | 43-1  | 9464280   | 9452220   | 9572241   | 9496247   | 0.70   | cps   |
| Calcium    | 44-1  | 155239003 | 154920537 | 156402304 | 155520615 | 0.50   | cps   |
| Chromium   | 52-2  | 1888723   | 1895813   | 1912280   | 1898939   | 0.64   | cps   |
| Cobalt     | 59-2  | 2838031   | 2840316   | 2848501   | 2842283   | 0.19   | cps   |
| Copper     | 63-2  | 3951643   | 3988639   | 4013266   | 3984516   | 0.78   | cps   |
| Dysprosium | 156-1 | 358       | 242       | 367       | 322       | 21.69  | cps   |
| Dysprosium | 156-2 | 190       | 200       | 227       | 206       | 9.22   | cps   |
| Erbium     | 164-1 | 5101      | 5601      | 5335      | 5346      | 4.68   | cps   |
| Erbium     | 164-2 | 2910      | 2914      | 2824      | 2883      | 1.77   | cps   |
| Gadolinium | 160-1 | 550       | 725       | 558       | 611       | 16.15  | cps   |
| Gadolinium | 160-2 | 423       | 463       | 493       | 460       | 7.63   | cps   |
| Holmium    | 165-1 | 15429206  | 15561623  | 15715043  | 15568624  | 0.92   | cps   |
| Holmium    | 165-2 | 8580971   | 8514348   | 8623590   | 8572970   | 0.64   | cps   |
| Indium     | 115-1 | 11450738  | 11541137  | 11546428  | 11512768  | 0.47   | cps   |
| Indium     | 115-2 | 2836193   | 2871532   | 2869012   | 2858912   | 0.69   | cps   |
| Iron       | 56-2  | 91710408  | 91817738  | 92418841  | 91982329  | 0.42   | cps   |
| Iron       | 57-2  | 2264661   | 2270980   | 2295437   | 2277026   | 0.71   | cps   |
| Krypton    | 83-1  | 607       | 563       | 667       | 612       | 8.48   | cps   |
| Lead       | 206-1 | 3801440   | 3836882   | 3904467   | 3847596   | 1.36   | cps   |
| Lead       | 207-1 | 3325789   | 3369960   | 3391700   | 3362483   | 1.00   | cps   |
| Lead       | 208-1 | 15178357  | 15364101  | 15528940  | 15357133  | 1.14   | cps   |
| Lithium    | 6-1   | 2196057   | 2187944   | 2150574   | 2178192   | 1.11   | cps   |
| Magnesium  | 24-2  | 39348298  | 39476480  | 39698650  | 39507809  | 0.45   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-06 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:16:07 DataFile Name : 034SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3066636  | 3089104  | 3115025  | 3090255  | 0.78   | cps   |
| Molybdenum | 94-1  | 9002170  | 9125119  | 9219712  | 9115667  | 1.20   | cps   |
| Molybdenum | 95-1  | 11165283 | 11339149 | 11408460 | 11304297 | 1.11   | cps   |
| Molybdenum | 96-1  | 12218428 | 12399400 | 12515476 | 12377768 | 1.21   | cps   |
| Molybdenum | 97-1  | 6970592  | 6985900  | 7117037  | 7024510  | 1.15   | cps   |
| Molybdenum | 98-1  | 17947119 | 18055063 | 18499120 | 18167101 | 1.61   | cps   |
| Neodymium  | 150-1 | 553      | 620      | 507      | 560      | 10.17  | cps   |
| Neodymium  | 150-2 | 147      | 140      | 120      | 136      | 10.24  | cps   |
| Nickel     | 60-2  | 743659   | 750854   | 748977   | 747830   | 0.50   | cps   |
| Phosphorus | 31-2  | 817      | 725      | 708      | 750      | 7.78   | cps   |
| Potassium  | 39-2  | 10862877 | 10916197 | 10898307 | 10892460 | 0.25   | cps   |
| Rhodium    | 103-1 | 9929141  | 9929672  | 10045437 | 9968084  | 0.67   | cps   |
| Rhodium    | 103-2 | 5647561  | 5687474  | 5720978  | 5685338  | 0.65   | cps   |
| Scandium   | 45-1  | 5915981  | 5918735  | 5951139  | 5928618  | 0.33   | cps   |
| Scandium   | 45-2  | 456579   | 456949   | 454884   | 456137   | 0.24   | cps   |
| Selenium   | 77-2  | 4654     | 4531     | 4661     | 4615     | 1.59   | cps   |
| Selenium   | 78-2  | 15195    | 15264    | 15714    | 15391    | 1.83   | cps   |
| Selenium   | 82-1  | 64343    | 65041    | 66603    | 65329    | 1.77   | cps   |
| Silicon    | 28-1  | 52622531 | 53134523 | 53428189 | 53061748 | 0.77   | cps   |
| Silver     | 109-1 | 5159252  | 5213575  | 5239004  | 5203944  | 0.78   | cps   |
| Silver     | 107-1 | 5438636  | 5464428  | 5532685  | 5478583  | 0.89   | cps   |
| Sodium     | 23-2  | 92810450 | 92466560 | 92992079 | 92756363 | 0.29   | cps   |
| Strontium  | 86-1  | 8626796  | 8661659  | 8747275  | 8678577  | 0.71   | cps   |
| Strontium  | 88-1  | 76208481 | 76640623 | 77752333 | 76867145 | 1.04   | cps   |
| Sulfur     | 34-1  | 8405914  | 8506297  | 8590610  | 8500940  | 1.09   | cps   |
| Terbium    | 159-1 | 15646545 | 15851880 | 15948346 | 15815590 | 0.97   | cps   |
| Terbium    | 159-2 | 8433522  | 8473223  | 8504418  | 8470388  | 0.42   | cps   |
| Thallium   | 203-1 | 4754190  | 4788232  | 4866226  | 4802883  | 1.20   | cps   |
| Thallium   | 205-1 | 11367775 | 11418608 | 11666340 | 11484241 | 1.39   | cps   |
| Tin        | 118-1 | 3508369  | 3561262  | 3596369  | 3555334  | 1.25   | cps   |
| Titanium   | 47-1  | 2590439  | 2616654  | 2633275  | 2613456  | 0.83   | cps   |
| Uranium    | 238-1 | 16765645 | 16862396 | 16841050 | 16823030 | 0.30   | cps   |
| Vanadium   | 51-2  | 1541122  | 1551117  | 1562645  | 1551628  | 0.69   | cps   |
| Yttrium    | 89-1  | 11418740 | 11469348 | 11591469 | 11493186 | 0.77   | cps   |
| Yttrium    | 89-2  | 2256563  | 2258715  | 2287421  | 2267566  | 0.76   | cps   |
| Zinc       | 66-2  | 552762   | 556031   | 563084   | 557292   | 0.95   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-06            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW001-180410M9 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:16:07 | DataFile Name :   | 034SMPL_P7042318- M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7494762 | 7510719 | 7648390 | 7551291 | 1.12   | cps   |
| Zirconium | 91-1 | 1652697 | 1662823 | 1676411 | 1663977 | 0.72   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-07 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:19:43 DataFile Name : 035SMPL\_P7042318- M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1178153   | 1168769   | 1150732   | 1165885   | 1.20   | cps   |
| Antimony   | 121-1 | 4969899   | 4983101   | 4993625   | 4982209   | 0.24   | cps   |
| Arsenic    | 75-2  | 229815    | 229733    | 227014    | 228854    | 0.70   | cps   |
| Barium     | 135-1 | 5858594   | 5865554   | 5880325   | 5868158   | 0.19   | cps   |
| Barium     | 137-1 | 10212239  | 10192553  | 10188772  | 10197855  | 0.12   | cps   |
| Beryllium  | 9-1   | 617528    | 603308    | 604330    | 608388    | 1.30   | cps   |
| Bismuth    | 209-1 | 9886838   | 9879694   | 9934455   | 9900329   | 0.30   | cps   |
| Bismuth    | 209-2 | 5656091   | 5723400   | 5639021   | 5672837   | 0.79   | cps   |
| Boron      | 10-1  | 208191    | 207556    | 205824    | 207191    | 0.59   | cps   |
| Boron      | 11-1  | 1029701   | 1036769   | 1034572   | 1033681   | 0.35   | cps   |
| Cadmium    | 111-1 | 1092592   | 1095666   | 1091030   | 1093096   | 0.22   | cps   |
| Cadmium    | 106-1 | 117979    | 121073    | 121905    | 120319    | 1.72   | cps   |
| Cadmium    | 108-1 | 81709     | 81948     | 83054     | 82237     | 0.87   | cps   |
| Calcium    | 43-1  | 9756241   | 9662495   | 9655637   | 9691458   | 0.58   | cps   |
| Calcium    | 44-1  | 159953970 | 159202820 | 159334970 | 159497254 | 0.25   | cps   |
| Chromium   | 52-2  | 1898041   | 1897979   | 1886675   | 1894232   | 0.35   | cps   |
| Cobalt     | 59-2  | 2842420   | 2873588   | 2830233   | 2848747   | 0.78   | cps   |
| Copper     | 63-2  | 4050276   | 4031390   | 4007080   | 4029582   | 0.54   | cps   |
| Dysprosium | 156-1 | 392       | 483       | 225       | 367       | 35.72  | cps   |
| Dysprosium | 156-2 | 173       | 167       | 183       | 174       | 4.81   | cps   |
| Erbium     | 164-1 | 5385      | 5251      | 5668      | 5435      | 3.92   | cps   |
| Erbium     | 164-2 | 3094      | 2974      | 2814      | 2960      | 4.75   | cps   |
| Gadolinium | 160-1 | 667       | 525       | 625       | 606       | 12.02  | cps   |
| Gadolinium | 160-2 | 463       | 483       | 483       | 477       | 2.42   | cps   |
| Holmium    | 165-1 | 15847508  | 15644441  | 15922290  | 15804746  | 0.91   | cps   |
| Holmium    | 165-2 | 8636879   | 8638861   | 8631841   | 8635860   | 0.04   | cps   |
| Indium     | 115-1 | 11539261  | 11590376  | 11547368  | 11559002  | 0.24   | cps   |
| Indium     | 115-2 | 2848063   | 2840527   | 2837988   | 2842193   | 0.18   | cps   |
| Iron       | 56-2  | 93014166  | 92960335  | 91610096  | 92528199  | 0.86   | cps   |
| Iron       | 57-2  | 2276434   | 2289059   | 2265750   | 2277081   | 0.51   | cps   |
| Krypton    | 83-1  | 573       | 640       | 623       | 612       | 5.67   | cps   |
| Lead       | 206-1 | 3927016   | 3938223   | 3918008   | 3927749   | 0.26   | cps   |
| Lead       | 207-1 | 3441927   | 3440274   | 3432921   | 3438374   | 0.14   | cps   |
| Lead       | 208-1 | 15646482  | 15683605  | 15681835  | 15670641  | 0.13   | cps   |
| Lithium    | 6-1   | 2054571   | 2049031   | 2021935   | 2041846   | 0.86   | cps   |
| Magnesium  | 24-2  | 39724265  | 39529593  | 39056013  | 39436624  | 0.87   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-07 Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:19:43 DataFile Name : 035SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3107779  | 3125930  | 3072521  | 3102077  | 0.88   | cps   |
| Molybdenum | 94-1  | 9360847  | 9318631  | 9375894  | 9351791  | 0.32   | cps   |
| Molybdenum | 95-1  | 11568742 | 11610770 | 11592461 | 11590658 | 0.18   | cps   |
| Molybdenum | 96-1  | 12633165 | 12666141 | 12647151 | 12648819 | 0.13   | cps   |
| Molybdenum | 97-1  | 7146772  | 7192981  | 7137671  | 7159141  | 0.41   | cps   |
| Molybdenum | 98-1  | 18505315 | 18623539 | 18605475 | 18578110 | 0.34   | cps   |
| Neodymium  | 150-1 | 640      | 407      | 460      | 502      | 24.34  | cps   |
| Neodymium  | 150-2 | 133      | 173      | 117      | 141      | 20.64  | cps   |
| Nickel     | 60-2  | 749659   | 756357   | 750387   | 752134   | 0.49   | cps   |
| Phosphorus | 31-2  | 600      | 950      | 775      | 775      | 22.58  | cps   |
| Potassium  | 39-2  | 10958240 | 10911836 | 10743353 | 10871143 | 1.04   | cps   |
| Rhodium    | 103-1 | 10098591 | 10168529 | 10129781 | 10132300 | 0.35   | cps   |
| Rhodium    | 103-2 | 5740313  | 5713748  | 5707725  | 5720595  | 0.30   | cps   |
| Scandium   | 45-1  | 6011102  | 6018594  | 5946900  | 5992198  | 0.66   | cps   |
| Scandium   | 45-2  | 458332   | 454639   | 449896   | 454289   | 0.93   | cps   |
| Selenium   | 77-2  | 4704     | 4577     | 4571     | 4617     | 1.63   | cps   |
| Selenium   | 78-2  | 15071    | 15571    | 15410    | 15351    | 1.66   | cps   |
| Selenium   | 82-1  | 67830    | 67058    | 67574    | 67487    | 0.58   | cps   |
| Silicon    | 28-1  | 54458247 | 54068441 | 53980074 | 54168921 | 0.47   | cps   |
| Silver     | 109-1 | 5371527  | 5320016  | 5389021  | 5360188  | 0.67   | cps   |
| Silver     | 107-1 | 5564803  | 5603772  | 5600943  | 5589840  | 0.39   | cps   |
| Sodium     | 23-2  | 93789538 | 93465113 | 92028833 | 93094494 | 1.01   | cps   |
| Strontium  | 86-1  | 8906504  | 8928361  | 8981175  | 8938680  | 0.43   | cps   |
| Strontium  | 88-1  | 78899166 | 78681991 | 79497441 | 79026200 | 0.53   | cps   |
| Sulfur     | 34-1  | 8922755  | 8852459  | 8842596  | 8872603  | 0.49   | cps   |
| Terbium    | 159-1 | 16024139 | 16191477 | 15931472 | 16049029 | 0.82   | cps   |
| Terbium    | 159-2 | 8545448  | 8493257  | 8469858  | 8502854  | 0.46   | cps   |
| Thallium   | 203-1 | 4888432  | 4856398  | 4920510  | 4888447  | 0.66   | cps   |
| Thallium   | 205-1 | 11690867 | 11794045 | 11834015 | 11772976 | 0.63   | cps   |
| Tin        | 118-1 | 3617130  | 3634731  | 3631584  | 3627815  | 0.26   | cps   |
| Titanium   | 47-1  | 2654357  | 2649801  | 2630996  | 2645051  | 0.47   | cps   |
| Uranium    | 238-1 | 17176314 | 17323742 | 17365901 | 17288652 | 0.58   | cps   |
| Vanadium   | 51-2  | 1554088  | 1556696  | 1537228  | 1549337  | 0.68   | cps   |
| Yttrium    | 89-1  | 11661814 | 11709906 | 11697251 | 11689657 | 0.21   | cps   |
| Yttrium    | 89-2  | 2263966  | 2257018  | 2252641  | 2257875  | 0.25   | cps   |
| Zinc       | 66-2  | 558642   | 558904   | 550515   | 556021   | 0.86   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-07            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW001-180410M9 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:19:43 | DataFile Name :   | 035SMPL_P7042318- M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7676249 | 7683849 | 7708707 | 7689602 | 0.22   | cps   |
| Zirconium | 91-1 | 1701242 | 1690492 | 1697015 | 1696250 | 0.32   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05A Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:23:19 DataFile Name : 036SMPL\_P7042318- M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1130724   | 1126555   | 1129488   | 1128922   | 0.19   | cps   |
| Antimony   | 121-1 | 4882561   | 4927837   | 4943066   | 4917821   | 0.64   | cps   |
| Arsenic    | 75-2  | 221917    | 222431    | 222720    | 222356    | 0.18   | cps   |
| Barium     | 135-1 | 5732856   | 5840794   | 5870820   | 5814823   | 1.25   | cps   |
| Barium     | 137-1 | 9962630   | 10111368  | 10190635  | 10088211  | 1.15   | cps   |
| Beryllium  | 9-1   | 607200    | 609647    | 611764    | 609537    | 0.37   | cps   |
| Bismuth    | 209-1 | 9788753   | 9943959   | 9996857   | 9909857   | 1.09   | cps   |
| Bismuth    | 209-2 | 5618633   | 5629104   | 5737501   | 5661746   | 1.16   | cps   |
| Boron      | 10-1  | 203113    | 206839    | 209500    | 206484    | 1.55   | cps   |
| Boron      | 11-1  | 1020209   | 1023138   | 1030853   | 1024733   | 0.54   | cps   |
| Cadmium    | 111-1 | 1067764   | 1082916   | 1085375   | 1078685   | 0.88   | cps   |
| Cadmium    | 106-1 | 118022    | 119013    | 117500    | 118178    | 0.65   | cps   |
| Cadmium    | 108-1 | 79928     | 80574     | 80184     | 80229     | 0.41   | cps   |
| Calcium    | 43-1  | 9518905   | 9485824   | 9530467   | 9511732   | 0.24   | cps   |
| Calcium    | 44-1  | 155614916 | 155856212 | 156275803 | 155915644 | 0.21   | cps   |
| Chromium   | 52-2  | 1854323   | 1848656   | 1869465   | 1857481   | 0.58   | cps   |
| Cobalt     | 59-2  | 2824113   | 2785967   | 2815747   | 2808609   | 0.71   | cps   |
| Copper     | 63-2  | 3939596   | 3956907   | 3965875   | 3954126   | 0.34   | cps   |
| Dysprosium | 156-1 | 450       | 175       | 350       | 325       | 42.83  | cps   |
| Dysprosium | 156-2 | 170       | 170       | 160       | 167       | 3.46   | cps   |
| Erbium     | 164-1 | 4851      | 5243      | 5443      | 5179      | 5.81   | cps   |
| Erbium     | 164-2 | 2984      | 2790      | 2740      | 2838      | 4.53   | cps   |
| Gadolinium | 160-1 | 675       | 600       | 692       | 656       | 7.45   | cps   |
| Gadolinium | 160-2 | 503       | 547       | 447       | 499       | 10.05  | cps   |
| Holmium    | 165-1 | 15671380  | 15778059  | 16071239  | 15840226  | 1.31   | cps   |
| Holmium    | 165-2 | 8609482   | 8617984   | 8721297   | 8649588   | 0.72   | cps   |
| Indium     | 115-1 | 11401407  | 11497003  | 11542892  | 11480434  | 0.63   | cps   |
| Indium     | 115-2 | 2768490   | 2766733   | 2797279   | 2777501   | 0.62   | cps   |
| Iron       | 56-2  | 90774485  | 90272860  | 90895374  | 90647573  | 0.36   | cps   |
| Iron       | 57-2  | 2222390   | 2221041   | 2237352   | 2226928   | 0.41   | cps   |
| Krypton    | 83-1  | 697       | 647       | 597       | 647       | 7.73   | cps   |
| Lead       | 206-1 | 3905988   | 3925745   | 3957558   | 3929764   | 0.66   | cps   |
| Lead       | 207-1 | 3412674   | 3426663   | 3445839   | 3428392   | 0.49   | cps   |
| Lead       | 208-1 | 15567286  | 15672266  | 15763366  | 15667640  | 0.63   | cps   |
| Lithium    | 6-1   | 2102356   | 2096522   | 2121935   | 2106938   | 0.63   | cps   |
| Magnesium  | 24-2  | 38202440  | 38050610  | 38426185  | 38226412  | 0.49   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05A Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:23:19 DataFile Name : 036SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3017904  | 3017153  | 3043869  | 3026308  | 0.50   | cps   |
| Molybdenum | 94-1  | 9194606  | 9222930  | 9305121  | 9240886  | 0.62   | cps   |
| Molybdenum | 95-1  | 11360144 | 11381241 | 11576731 | 11439372 | 1.04   | cps   |
| Molybdenum | 96-1  | 12468321 | 12545580 | 12693484 | 12569128 | 0.91   | cps   |
| Molybdenum | 97-1  | 7087471  | 7134831  | 7208950  | 7143751  | 0.86   | cps   |
| Molybdenum | 98-1  | 18458072 | 18437143 | 18560107 | 18485107 | 0.36   | cps   |
| Neodymium  | 150-1 | 540      | 507      | 493      | 513      | 4.68   | cps   |
| Neodymium  | 150-2 | 177      | 153      | 150      | 160      | 9.08   | cps   |
| Nickel     | 60-2  | 741036   | 736866   | 741758   | 739887   | 0.36   | cps   |
| Phosphorus | 31-2  | 733      | 725      | 800      | 753      | 5.46   | cps   |
| Potassium  | 39-2  | 10523331 | 10466534 | 10455499 | 10481788 | 0.35   | cps   |
| Rhodium    | 103-1 | 10108861 | 10096208 | 10181840 | 10128970 | 0.46   | cps   |
| Rhodium    | 103-2 | 5652835  | 5659984  | 5717841  | 5676887  | 0.63   | cps   |
| Scandium   | 45-1  | 5922234  | 5921684  | 5966911  | 5936943  | 0.44   | cps   |
| Scandium   | 45-2  | 441206   | 439320   | 444057   | 441528   | 0.54   | cps   |
| Selenium   | 77-2  | 4294     | 4571     | 4384     | 4416     | 3.20   | cps   |
| Selenium   | 78-2  | 15088    | 15080    | 14973    | 15047    | 0.43   | cps   |
| Selenium   | 82-1  | 65913    | 65975    | 66514    | 66134    | 0.50   | cps   |
| Silicon    | 28-1  | 52847053 | 53328621 | 53100765 | 53092146 | 0.45   | cps   |
| Silver     | 109-1 | 5296298  | 5342775  | 5362676  | 5333916  | 0.64   | cps   |
| Silver     | 107-1 | 5485989  | 5528862  | 5567700  | 5527517  | 0.74   | cps   |
| Sodium     | 23-2  | 89967854 | 89506762 | 90438477 | 89971031 | 0.52   | cps   |
| Strontium  | 86-1  | 8743518  | 8833803  | 8781313  | 8786211  | 0.52   | cps   |
| Strontium  | 88-1  | 76878333 | 77983220 | 77660243 | 77507266 | 0.73   | cps   |
| Sulfur     | 34-1  | 8565178  | 8584208  | 8589090  | 8579492  | 0.15   | cps   |
| Terbium    | 159-1 | 16017269 | 16087017 | 16179379 | 16094555 | 0.51   | cps   |
| Terbium    | 159-2 | 8498278  | 8544603  | 8566052  | 8536311  | 0.41   | cps   |
| Thallium   | 203-1 | 4818628  | 4927278  | 4972363  | 4906090  | 1.61   | cps   |
| Thallium   | 205-1 | 11653867 | 11803988 | 11934574 | 11797476 | 1.19   | cps   |
| Tin        | 118-1 | 3568927  | 3590398  | 3605366  | 3588230  | 0.51   | cps   |
| Titanium   | 47-1  | 2605180  | 2605176  | 2624260  | 2611539  | 0.42   | cps   |
| Uranium    | 238-1 | 17296684 | 17377888 | 17613308 | 17429293 | 0.94   | cps   |
| Vanadium   | 51-2  | 1521158  | 1509732  | 1518729  | 1516540  | 0.40   | cps   |
| Yttrium    | 89-1  | 11493646 | 11543692 | 11631550 | 11556296 | 0.60   | cps   |
| Yttrium    | 89-2  | 2211004  | 2212487  | 2241548  | 2221680  | 0.78   | cps   |
| Zinc       | 66-2  | 543029   | 540937   | 546899   | 543622   | 0.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:23:19 | DataFile Name :   | 036SMPL_P7042318- M |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7539354 | 7530792 | 7622219 | 7564122 | 0.67   | cps   |
| Zirconium | 91-1 | 1656398 | 1673219 | 1682647 | 1670755 | 0.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11813    | 11597    | 11438    | 11616    | 1.62   | cps   |
| Antimony   | 121-1 | 12781    | 13449    | 13490    | 13240    | 3.00   | cps   |
| Arsenic    | 75-2  | 2391     | 2426     | 2441     | 2419     | 1.06   | cps   |
| Barium     | 135-1 | 482707   | 483101   | 482297   | 482701   | 0.08   | cps   |
| Barium     | 137-1 | 843247   | 840549   | 830886   | 838227   | 0.78   | cps   |
| Beryllium  | 9-1   | 400      | 239      | 261      | 300      | 29.10  | cps   |
| Bismuth    | 209-1 | 10549793 | 10616780 | 10704915 | 10623829 | 0.73   | cps   |
| Bismuth    | 209-2 | 5834510  | 5886953  | 5934302  | 5885255  | 0.85   | cps   |
| Boron      | 10-1  | 43547    | 42444    | 43221    | 43071    | 1.32   | cps   |
| Boron      | 11-1  | 215110   | 215915   | 215830   | 215619   | 0.21   | cps   |
| Cadmium    | 111-1 | 2071     | 1864     | 1751     | 1895     | 8.58   | cps   |
| Cadmium    | 106-1 | 3684     | 3442     | 3242     | 3456     | 6.40   | cps   |
| Cadmium    | 108-1 | 42       | 17       | 29       | 29       | 42.85  | cps   |
| Calcium    | 43-1  | 2960403  | 2913183  | 2917344  | 2930310  | 0.89   | cps   |
| Calcium    | 44-1  | 48436733 | 47792018 | 48163497 | 48130749 | 0.67   | cps   |
| Chromium   | 52-2  | 5481     | 5308     | 5068     | 5285     | 3.93   | cps   |
| Cobalt     | 59-2  | 2367     | 2070     | 2237     | 2225     | 6.69   | cps   |
| Copper     | 63-2  | 19667    | 19797    | 19800    | 19755    | 0.39   | cps   |
| Dysprosium | 156-1 | 617      | 425      | 467      | 503      | 20.05  | cps   |
| Dysprosium | 156-2 | 233      | 290      | 223      | 249      | 14.45  | cps   |
| Erbium     | 164-1 | 492      | 417      | 542      | 483      | 13.02  | cps   |
| Erbium     | 164-2 | 240      | 247      | 223      | 237      | 5.08   | cps   |
| Gadolinium | 160-1 | 492      | 525      | 467      | 494      | 5.92   | cps   |
| Gadolinium | 160-2 | 443      | 397      | 460      | 433      | 7.58   | cps   |
| Holmium    | 165-1 | 16169261 | 16211210 | 15989927 | 16123466 | 0.73   | cps   |
| Holmium    | 165-2 | 8630228  | 8749965  | 8674007  | 8684733  | 0.70   | cps   |
| Indium     | 115-1 | 12099149 | 12167237 | 12114062 | 12126816 | 0.30   | cps   |
| Indium     | 115-2 | 2864299  | 2886618  | 2885788  | 2878902  | 0.44   | cps   |
| Iron       | 56-2  | 15039001 | 15120849 | 14998679 | 15052843 | 0.41   | cps   |
| Iron       | 57-2  | 374541   | 375288   | 373534   | 374455   | 0.24   | cps   |
| Krypton    | 83-1  | 633      | 593      | 547      | 591      | 7.34   | cps   |
| Lead       | 206-1 | 5568     | 5546     | 5718     | 5611     | 1.67   | cps   |
| Lead       | 207-1 | 4551     | 4601     | 4395     | 4516     | 2.38   | cps   |
| Lead       | 208-1 | 21747    | 20974    | 20596    | 21105    | 2.78   | cps   |
| Lithium    | 6-1   | 2144867  | 2122046  | 2091530  | 2119481  | 1.26   | cps   |
| Magnesium  | 24-2  | 4388813  | 4401887  | 4382317  | 4391005  | 0.23   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 624359   | 627094   | 620628   | 624027   | 0.52   | cps   |
| Molybdenum | 94-1  | 7661     | 7102     | 6585     | 7116     | 7.56   | cps   |
| Molybdenum | 95-1  | 9862     | 9420     | 9295     | 9526     | 3.13   | cps   |
| Molybdenum | 96-1  | 11213    | 10713    | 10363    | 10763    | 3.97   | cps   |
| Molybdenum | 97-1  | 6360     | 6502     | 5910     | 6257     | 4.94   | cps   |
| Molybdenum | 98-1  | 16301    | 15242    | 15134    | 15559    | 4.15   | cps   |
| Neodymium  | 150-1 | 813      | 733      | 707      | 751      | 7.39   | cps   |
| Neodymium  | 150-2 | 353      | 323      | 323      | 333      | 5.20   | cps   |
| Nickel     | 60-2  | 3524     | 3570     | 3490     | 3528     | 1.14   | cps   |
| Phosphorus | 31-2  | 825      | 767      | 833      | 808      | 4.49   | cps   |
| Potassium  | 39-2  | 2011639  | 2030676  | 2007953  | 2016756  | 0.60   | cps   |
| Rhodium    | 103-1 | 10559664 | 10550592 | 10549841 | 10553366 | 0.05   | cps   |
| Rhodium    | 103-2 | 5895500  | 5959853  | 5937144  | 5930832  | 0.55   | cps   |
| Scandium   | 45-1  | 6018615  | 6006771  | 5986398  | 6003928  | 0.27   | cps   |
| Scandium   | 45-2  | 439860   | 442685   | 442742   | 441762   | 0.37   | cps   |
| Selenium   | 77-2  | 27       | 50       | 30       | 36       | 35.49  | cps   |
| Selenium   | 78-2  | 98       | 107      | 119      | 108      | 9.44   | cps   |
| Selenium   | 82-1  | 110      | 70       | 197      | 125      | 51.75  | cps   |
| Silicon    | 28-1  | 34604166 | 34294708 | 34125421 | 34341432 | 0.71   | cps   |
| Silver     | 109-1 | 4593     | 4668     | 4276     | 4512     | 4.61   | cps   |
| Silver     | 107-1 | 5318     | 5318     | 4534     | 5057     | 8.95   | cps   |
| Sodium     | 23-2  | 16898065 | 16839762 | 16838642 | 16858823 | 0.20   | cps   |
| Strontium  | 86-1  | 1768642  | 1778730  | 1774762  | 1774045  | 0.29   | cps   |
| Strontium  | 88-1  | 15827297 | 16022307 | 16022764 | 15957456 | 0.71   | cps   |
| Sulfur     | 34-1  | 950293   | 932178   | 936429   | 939634   | 1.01   | cps   |
| Terbium    | 159-1 | 16456802 | 16425507 | 16408885 | 16430398 | 0.15   | cps   |
| Terbium    | 159-2 | 8572528  | 8537536  | 8554824  | 8554963  | 0.20   | cps   |
| Thallium   | 203-1 | 3576     | 3117     | 2675     | 3123     | 14.41  | cps   |
| Thallium   | 205-1 | 7994     | 7286     | 6252     | 7177     | 12.21  | cps   |
| Tin        | 118-1 | 19756    | 19606    | 18964    | 19442    | 2.17   | cps   |
| Titanium   | 47-1  | 2184     | 2500     | 2109     | 2264     | 9.18   | cps   |
| Uranium    | 238-1 | 47547    | 46101    | 47506    | 47051    | 1.75   | cps   |
| Vanadium   | 51-2  | 4187     | 4234     | 4247     | 4223     | 0.75   | cps   |
| Yttrium    | 89-1  | 11799703 | 11857287 | 11755231 | 11804074 | 0.43   | cps   |
| Yttrium    | 89-2  | 2220739  | 2236016  | 2223986  | 2226914  | 0.36   | cps   |
| Zinc       | 66-2  | 19333    | 19697    | 19767    | 19599    | 1.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:26:55 | DataFile Name :   | 037SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4901 | 4526 | 4876 | 4768    | 4.40   | cps   |
| Zirconium | 91-1 | 1050 | 1067 | 1233 | 1117    | 9.08   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 23244    | 24396    | 24179    | 23940    | 2.56   | cps   |
| Antimony   | 121-1 | 13674    | 13857    | 13390    | 13641    | 1.73   | cps   |
| Arsenic    | 75-2  | 2376     | 2426     | 2384     | 2395     | 1.13   | cps   |
| Barium     | 135-1 | 294846   | 296077   | 296449   | 295791   | 0.28   | cps   |
| Barium     | 137-1 | 517635   | 519757   | 513405   | 516932   | 0.63   | cps   |
| Beryllium  | 9-1   | 256      | 222      | 189      | 222      | 15.00  | cps   |
| Bismuth    | 209-1 | 10690490 | 10706984 | 10596025 | 10664500 | 0.56   | cps   |
| Bismuth    | 209-2 | 5918810  | 6053080  | 5914684  | 5962191  | 1.32   | cps   |
| Boron      | 10-1  | 26825    | 25213    | 25923    | 25987    | 3.11   | cps   |
| Boron      | 11-1  | 129746   | 128326   | 128626   | 128899   | 0.58   | cps   |
| Cadmium    | 111-1 | 2052     | 1918     | 1947     | 1973     | 3.57   | cps   |
| Cadmium    | 106-1 | 3576     | 3542     | 3534     | 3551     | 0.62   | cps   |
| Cadmium    | 108-1 | 33       | 46       | 46       | 42       | 17.32  | cps   |
| Calcium    | 43-1  | 2886541  | 2896078  | 2864421  | 2882346  | 0.56   | cps   |
| Calcium    | 44-1  | 47517190 | 47538963 | 47265371 | 47440508 | 0.32   | cps   |
| Chromium   | 52-2  | 4237     | 4411     | 4494     | 4381     | 2.99   | cps   |
| Cobalt     | 59-2  | 4237     | 4007     | 3967     | 4071     | 3.58   | cps   |
| Copper     | 63-2  | 25199    | 25329    | 25025    | 25184    | 0.61   | cps   |
| Dysprosium | 156-1 | 433      | 533      | 492      | 486      | 10.33  | cps   |
| Dysprosium | 156-2 | 247      | 370      | 320      | 312      | 19.87  | cps   |
| Erbium     | 164-1 | 475      | 667      | 592      | 578      | 16.72  | cps   |
| Erbium     | 164-2 | 287      | 277      | 263      | 276      | 4.25   | cps   |
| Gadolinium | 160-1 | 625      | 667      | 617      | 636      | 4.21   | cps   |
| Gadolinium | 160-2 | 487      | 440      | 507      | 478      | 7.16   | cps   |
| Holmium    | 165-1 | 16369802 | 16301072 | 16256106 | 16308993 | 0.35   | cps   |
| Holmium    | 165-2 | 8757579  | 8901276  | 8703907  | 8787587  | 1.16   | cps   |
| Indium     | 115-1 | 12248924 | 12136257 | 12119217 | 12168133 | 0.58   | cps   |
| Indium     | 115-2 | 2897320  | 2942068  | 2926755  | 2922047  | 0.78   | cps   |
| Iron       | 56-2  | 4282594  | 4385605  | 4315378  | 4327859  | 1.22   | cps   |
| Iron       | 57-2  | 121067   | 122832   | 119611   | 121170   | 1.33   | cps   |
| Krypton    | 83-1  | 583      | 523      | 520      | 542      | 6.57   | cps   |
| Lead       | 206-1 | 6146     | 5907     | 6163     | 6072     | 2.36   | cps   |
| Lead       | 207-1 | 4773     | 4984     | 4523     | 4760     | 4.85   | cps   |
| Lead       | 208-1 | 23754    | 23498    | 22647    | 23300    | 2.49   | cps   |
| Lithium    | 6-1   | 2106903  | 2134521  | 2056986  | 2099470  | 1.87   | cps   |
| Magnesium  | 24-2  | 2829191  | 2870077  | 2820917  | 2840061  | 0.93   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 538860   | 553336   | 543933   | 545376   | 1.35   | cps   |
| Molybdenum | 94-1  | 5443     | 4843     | 4926     | 5071     | 6.41   | cps   |
| Molybdenum | 95-1  | 6010     | 6293     | 6035     | 6113     | 2.57   | cps   |
| Molybdenum | 96-1  | 6902     | 6910     | 6752     | 6855     | 1.30   | cps   |
| Molybdenum | 97-1  | 4167     | 4109     | 3867     | 4048     | 3.93   | cps   |
| Molybdenum | 98-1  | 10112    | 9987     | 9846     | 9982     | 1.34   | cps   |
| Neodymium  | 150-1 | 813      | 893      | 887      | 864      | 5.14   | cps   |
| Neodymium  | 150-2 | 410      | 460      | 370      | 413      | 10.91  | cps   |
| Nickel     | 60-2  | 2927     | 2994     | 3004     | 2975     | 1.40   | cps   |
| Phosphorus | 31-2  | 1383     | 1283     | 1300     | 1322     | 4.05   | cps   |
| Potassium  | 39-2  | 2601874  | 2637712  | 2632008  | 2623865  | 0.73   | cps   |
| Rhodium    | 103-1 | 10666865 | 10656478 | 10595843 | 10639729 | 0.36   | cps   |
| Rhodium    | 103-2 | 5968739  | 6091732  | 6029150  | 6029874  | 1.02   | cps   |
| Scandium   | 45-1  | 6049197  | 6000226  | 5988095  | 6012506  | 0.54   | cps   |
| Scandium   | 45-2  | 448838   | 453414   | 449607   | 450620   | 0.54   | cps   |
| Selenium   | 77-2  | 40       | 30       | 50       | 40       | 25.00  | cps   |
| Selenium   | 78-2  | 94       | 80       | 89       | 88       | 8.54   | cps   |
| Selenium   | 82-1  | 288      | 321      | 442      | 350      | 23.06  | cps   |
| Silicon    | 28-1  | 25049359 | 25148866 | 24846310 | 25014845 | 0.62   | cps   |
| Silver     | 109-1 | 4017     | 3826     | 3767     | 3870     | 3.38   | cps   |
| Silver     | 107-1 | 4559     | 4609     | 4067     | 4412     | 6.79   | cps   |
| Sodium     | 23-2  | 25432287 | 25847348 | 25297372 | 25525669 | 1.12   | cps   |
| Strontium  | 86-1  | 1082994  | 1076154  | 1072848  | 1077332  | 0.48   | cps   |
| Strontium  | 88-1  | 9782034  | 9703551  | 9631687  | 9705757  | 0.77   | cps   |
| Sulfur     | 34-1  | 979881   | 986833   | 973367   | 980027   | 0.69   | cps   |
| Terbium    | 159-1 | 16449057 | 16467035 | 16493601 | 16469898 | 0.14   | cps   |
| Terbium    | 159-2 | 8680810  | 8825267  | 8648920  | 8718332  | 1.08   | cps   |
| Thallium   | 203-1 | 833      | 933      | 783      | 850      | 8.99   | cps   |
| Thallium   | 205-1 | 2050     | 1642     | 1834     | 1842     | 11.09  | cps   |
| Tin        | 118-1 | 15117    | 15234    | 15025    | 15125    | 0.69   | cps   |
| Titanium   | 47-1  | 3709     | 3634     | 3234     | 3526     | 7.25   | cps   |
| Uranium    | 238-1 | 33862    | 32960    | 32901    | 33241    | 1.62   | cps   |
| Vanadium   | 51-2  | 6221     | 6472     | 6411     | 6368     | 2.05   | cps   |
| Yttrium    | 89-1  | 11925696 | 11881373 | 11828346 | 11878471 | 0.41   | cps   |
| Yttrium    | 89-2  | 2235709  | 2278406  | 2255586  | 2256567  | 0.95   | cps   |
| Zinc       | 66-2  | 10704    | 9947     | 10074    | 10242    | 3.96   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:30:29 | DataFile Name :   | 038SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4985 | 4284 | 4351 | 4540    | 8.51   | cps   |
| Zirconium | 91-1 | 1092 | 1050 | 900  | 1014    | 9.94   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 733      | 617      | 675      | 675      | 8.64   | cps   |
| Antimony   | 121-1 | 13048    | 12689    | 13682    | 13140    | 3.83   | cps   |
| Arsenic    | 75-2  | 752      | 746      | 743      | 747      | 0.62   | cps   |
| Barium     | 135-1 | 534645   | 528930   | 522113   | 528563   | 1.19   | cps   |
| Barium     | 137-1 | 920303   | 922333   | 921965   | 921534   | 0.12   | cps   |
| Beryllium  | 9-1   | 178      | 144      | 139      | 154      | 13.68  | cps   |
| Bismuth    | 209-1 | 10465235 | 10376889 | 10400021 | 10414049 | 0.44   | cps   |
| Bismuth    | 209-2 | 5728639  | 5699648  | 5677188  | 5701825  | 0.45   | cps   |
| Boron      | 10-1  | 56449    | 56164    | 56172    | 56261    | 0.29   | cps   |
| Boron      | 11-1  | 278857   | 281192   | 284118   | 281389   | 0.94   | cps   |
| Cadmium    | 111-1 | 6332     | 6326     | 6467     | 6375     | 1.25   | cps   |
| Cadmium    | 106-1 | 3734     | 3642     | 4034     | 3803     | 5.39   | cps   |
| Cadmium    | 108-1 | 367      | 292      | 329      | 329      | 11.39  | cps   |
| Calcium    | 43-1  | 3891541  | 3816095  | 3801977  | 3836537  | 1.26   | cps   |
| Calcium    | 44-1  | 63455872 | 62796110 | 62512570 | 62921517 | 0.77   | cps   |
| Chromium   | 52-2  | 4724     | 4754     | 4758     | 4745     | 0.39   | cps   |
| Cobalt     | 59-2  | 3574     | 3314     | 3217     | 3368     | 5.48   | cps   |
| Copper     | 63-2  | 22384    | 21887    | 21857    | 22042    | 1.34   | cps   |
| Dysprosium | 156-1 | 58       | 42       | 67       | 56       | 22.91  | cps   |
| Dysprosium | 156-2 | 23       | 20       | 7        | 17       | 52.90  | cps   |
| Erbium     | 164-1 | 67       | 50       | 33       | 50       | 33.34  | cps   |
| Erbium     | 164-2 | 60       | 50       | 37       | 49       | 23.94  | cps   |
| Gadolinium | 160-1 | 67       | 125      | 100      | 97       | 30.10  | cps   |
| Gadolinium | 160-2 | 187      | 203      | 133      | 174      | 20.96  | cps   |
| Holmium    | 165-1 | 15888493 | 15959850 | 16092919 | 15980420 | 0.65   | cps   |
| Holmium    | 165-2 | 8534571  | 8505966  | 8416501  | 8485679  | 0.73   | cps   |
| Indium     | 115-1 | 11816995 | 11818313 | 11938253 | 11857854 | 0.59   | cps   |
| Indium     | 115-2 | 2813258  | 2794350  | 2775594  | 2794401  | 0.67   | cps   |
| Iron       | 56-2  | 3540424  | 3516727  | 3490587  | 3515913  | 0.71   | cps   |
| Iron       | 57-2  | 107077   | 106455   | 104190   | 105907   | 1.43   | cps   |
| Krypton    | 83-1  | 517      | 570      | 650      | 579      | 11.59  | cps   |
| Lead       | 206-1 | 10232    | 10371    | 10543    | 10382    | 1.50   | cps   |
| Lead       | 207-1 | 8281     | 8181     | 8798     | 8420     | 3.93   | cps   |
| Lead       | 208-1 | 39969    | 39441    | 40353    | 39921    | 1.15   | cps   |
| Lithium    | 6-1   | 2067042  | 1997131  | 2012706  | 2025626  | 1.81   | cps   |
| Magnesium  | 24-2  | 6178043  | 6091361  | 6059159  | 6109521  | 1.01   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1111201  | 1111456  | 1105102  | 1109253  | 0.32   | cps   |
| Molybdenum | 94-1  | 4434     | 4426     | 4801     | 4554     | 4.70   | cps   |
| Molybdenum | 95-1  | 6952     | 6677     | 6527     | 6719     | 3.21   | cps   |
| Molybdenum | 96-1  | 8153     | 7944     | 7177     | 7758     | 6.62   | cps   |
| Molybdenum | 97-1  | 3984     | 4359     | 4359     | 4234     | 5.11   | cps   |
| Molybdenum | 98-1  | 11472    | 10696    | 10830    | 10999    | 3.77   | cps   |
| Neodymium  | 150-1 | 53       | 80       | 100      | 78       | 30.10  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 3651     | 3731     | 3417     | 3599     | 4.52   | cps   |
| Phosphorus | 31-2  | 517      | 658      | 500      | 558      | 15.58  | cps   |
| Potassium  | 39-2  | 2041660  | 2024434  | 2013886  | 2026660  | 0.69   | cps   |
| Rhodium    | 103-1 | 10400713 | 10345210 | 10392415 | 10379446 | 0.29   | cps   |
| Rhodium    | 103-2 | 5780230  | 5793085  | 5764480  | 5779265  | 0.25   | cps   |
| Scandium   | 45-1  | 5910011  | 5871008  | 5850905  | 5877308  | 0.51   | cps   |
| Scandium   | 45-2  | 439692   | 432679   | 432545   | 434972   | 0.94   | cps   |
| Selenium   | 77-2  | 33       | 40       | 40       | 38       | 10.19  | cps   |
| Selenium   | 78-2  | 94       | 107      | 102      | 101      | 6.42   | cps   |
| Selenium   | 82-1  | 250      | 200      | 178      | 210      | 17.50  | cps   |
| Silicon    | 28-1  | 37186803 | 36977453 | 37390038 | 37184765 | 0.55   | cps   |
| Silver     | 109-1 | 3551     | 3684     | 3159     | 3464     | 7.88   | cps   |
| Silver     | 107-1 | 3876     | 3301     | 3409     | 3528     | 8.66   | cps   |
| Sodium     | 23-2  | 28897319 | 28533210 | 28309616 | 28580049 | 1.04   | cps   |
| Strontium  | 86-1  | 2368495  | 2368683  | 2348926  | 2362035  | 0.48   | cps   |
| Strontium  | 88-1  | 21047643 | 21254016 | 21365964 | 21222541 | 0.76   | cps   |
| Sulfur     | 34-1  | 1131032  | 1119472  | 1118716  | 1123073  | 0.61   | cps   |
| Terbium    | 159-1 | 16271908 | 16244236 | 16256271 | 16257472 | 0.09   | cps   |
| Terbium    | 159-2 | 8522898  | 8411192  | 8343757  | 8425949  | 1.07   | cps   |
| Thallium   | 203-1 | 700      | 608      | 567      | 625      | 10.91  | cps   |
| Thallium   | 205-1 | 1525     | 1609     | 1500     | 1545     | 3.67   | cps   |
| Tin        | 118-1 | 14383    | 13982    | 13807    | 14058    | 2.10   | cps   |
| Titanium   | 47-1  | 1175     | 1308     | 1250     | 1245     | 5.37   | cps   |
| Uranium    | 238-1 | 27522    | 26253    | 28249    | 27341    | 3.69   | cps   |
| Vanadium   | 51-2  | 3190     | 3237     | 3304     | 3244     | 1.76   | cps   |
| Yttrium    | 89-1  | 11569699 | 11611062 | 11680419 | 11620393 | 0.48   | cps   |
| Yttrium    | 89-2  | 2201223  | 2176398  | 2161467  | 2179696  | 0.92   | cps   |
| Zinc       | 66-2  | 11114    | 11054    | 11381    | 11183    | 1.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-10            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW160-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:34:03 | DataFile Name :   | 039SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1809 | 1984 | 1700 | 1831    | 7.81   | cps   |
| Zirconium | 91-1 | 392  | 417  | 425  | 411     | 4.22   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5701     | 5510     | 5760     | 5657     | 2.31   | cps   |
| Antimony   | 121-1 | 16227    | 17653    | 17437    | 17106    | 4.49   | cps   |
| Arsenic    | 75-2  | 2385     | 2376     | 2404     | 2388     | 0.59   | cps   |
| Barium     | 135-1 | 386479   | 385222   | 378833   | 383511   | 1.07   | cps   |
| Barium     | 137-1 | 674093   | 666516   | 663964   | 668191   | 0.79   | cps   |
| Beryllium  | 9-1   | 233      | 167      | 156      | 185      | 22.72  | cps   |
| Bismuth    | 209-1 | 10334648 | 10496095 | 10366553 | 10399098 | 0.82   | cps   |
| Bismuth    | 209-2 | 5628094  | 5719219  | 5686623  | 5677979  | 0.81   | cps   |
| Boron      | 10-1  | 66723    | 66672    | 65133    | 66176    | 1.37   | cps   |
| Boron      | 11-1  | 336274   | 336312   | 333466   | 335351   | 0.49   | cps   |
| Cadmium    | 111-1 | 2467     | 2293     | 2228     | 2329     | 5.32   | cps   |
| Cadmium    | 106-1 | 3584     | 3234     | 3309     | 3376     | 5.46   | cps   |
| Cadmium    | 108-1 | 71       | 58       | 50       | 60       | 17.56  | cps   |
| Calcium    | 43-1  | 4675652  | 4662725  | 4593792  | 4644056  | 0.95   | cps   |
| Calcium    | 44-1  | 76203737 | 76281118 | 75446229 | 75977028 | 0.61   | cps   |
| Chromium   | 52-2  | 6778     | 6862     | 6652     | 6764     | 1.56   | cps   |
| Cobalt     | 59-2  | 5028     | 5251     | 5038     | 5105     | 2.47   | cps   |
| Copper     | 63-2  | 24103    | 24213    | 24207    | 24175    | 0.26   | cps   |
| Dysprosium | 156-1 | 408      | 600      | 542      | 517      | 19.02  | cps   |
| Dysprosium | 156-2 | 317      | 313      | 320      | 317      | 1.05   | cps   |
| Erbium     | 164-1 | 717      | 600      | 442      | 586      | 23.55  | cps   |
| Erbium     | 164-2 | 290      | 330      | 313      | 311      | 6.46   | cps   |
| Gadolinium | 160-1 | 558      | 467      | 583      | 536      | 11.46  | cps   |
| Gadolinium | 160-2 | 480      | 430      | 450      | 453      | 5.55   | cps   |
| Holmium    | 165-1 | 16092500 | 16230139 | 16217014 | 16179885 | 0.47   | cps   |
| Holmium    | 165-2 | 8549850  | 8638954  | 8511019  | 8566608  | 0.77   | cps   |
| Indium     | 115-1 | 11757004 | 11815449 | 11801002 | 11791152 | 0.26   | cps   |
| Indium     | 115-2 | 2750389  | 2777530  | 2798007  | 2775308  | 0.86   | cps   |
| Iron       | 56-2  | 17583134 | 17542912 | 17470874 | 17532307 | 0.32   | cps   |
| Iron       | 57-2  | 438195   | 439512   | 439539   | 439082   | 0.17   | cps   |
| Krypton    | 83-1  | 513      | 590      | 487      | 530      | 10.12  | cps   |
| Lead       | 206-1 | 28526    | 28203    | 27618    | 28115    | 1.64   | cps   |
| Lead       | 207-1 | 23193    | 22798    | 23221    | 23071    | 1.03   | cps   |
| Lead       | 208-1 | 108865   | 108493   | 107026   | 108128   | 0.90   | cps   |
| Lithium    | 6-1   | 2000746  | 1960574  | 1941703  | 1967674  | 1.53   | cps   |
| Magnesium  | 24-2  | 8154969  | 8209397  | 8126265  | 8163544  | 0.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 349493   | 351121   | 349182   | 349932   | 0.30   | cps   |
| Molybdenum | 94-1  | 9053     | 8945     | 9061     | 9020     | 0.72   | cps   |
| Molybdenum | 95-1  | 13373    | 13866    | 13799    | 13679    | 1.95   | cps   |
| Molybdenum | 96-1  | 14383    | 14575    | 14433    | 14463    | 0.69   | cps   |
| Molybdenum | 97-1  | 8203     | 8244     | 8361     | 8269     | 0.99   | cps   |
| Molybdenum | 98-1  | 21392    | 21884    | 21909    | 21729    | 1.34   | cps   |
| Neodymium  | 150-1 | 833      | 693      | 760      | 762      | 9.19   | cps   |
| Neodymium  | 150-2 | 363      | 313      | 330      | 336      | 7.59   | cps   |
| Nickel     | 60-2  | 6505     | 6775     | 6642     | 6640     | 2.03   | cps   |
| Phosphorus | 31-2  | 1375     | 1383     | 1358     | 1372     | 0.93   | cps   |
| Potassium  | 39-2  | 2836230  | 2869118  | 2855441  | 2853596  | 0.58   | cps   |
| Rhodium    | 103-1 | 10328644 | 10378416 | 10306008 | 10337689 | 0.36   | cps   |
| Rhodium    | 103-2 | 5704289  | 5761374  | 5769307  | 5744990  | 0.62   | cps   |
| Scandium   | 45-1  | 5861330  | 5876540  | 5830430  | 5856100  | 0.40   | cps   |
| Scandium   | 45-2  | 432303   | 437451   | 433823   | 434526   | 0.61   | cps   |
| Selenium   | 77-2  | 17       | 30       | 50       | 32       | 52.06  | cps   |
| Selenium   | 78-2  | 106      | 98       | 80       | 94       | 14.14  | cps   |
| Selenium   | 82-1  | 232      | 126      | 253      | 204      | 33.41  | cps   |
| Silicon    | 28-1  | 40039954 | 39894150 | 39329874 | 39754659 | 0.94   | cps   |
| Silver     | 109-1 | 3092     | 2934     | 2767     | 2931     | 5.55   | cps   |
| Silver     | 107-1 | 3442     | 2950     | 2892     | 3095     | 9.76   | cps   |
| Sodium     | 23-2  | 32396863 | 32572055 | 32557823 | 32508914 | 0.30   | cps   |
| Strontium  | 86-1  | 2936960  | 2926106  | 2931633  | 2931566  | 0.19   | cps   |
| Strontium  | 88-1  | 26199088 | 26067724 | 26130282 | 26132364 | 0.25   | cps   |
| Sulfur     | 34-1  | 1823888  | 1812989  | 1782758  | 1806545  | 1.18   | cps   |
| Terbium    | 159-1 | 16371964 | 16440516 | 16298782 | 16370421 | 0.43   | cps   |
| Terbium    | 159-2 | 8420923  | 8515315  | 8404096  | 8446778  | 0.71   | cps   |
| Thallium   | 203-1 | 475      | 558      | 517      | 517      | 8.06   | cps   |
| Thallium   | 205-1 | 1333     | 1217     | 1225     | 1258     | 5.17   | cps   |
| Tin        | 118-1 | 10721    | 11205    | 11880    | 11269    | 5.17   | cps   |
| Titanium   | 47-1  | 1950     | 2392     | 1975     | 2106     | 11.78  | cps   |
| Uranium    | 238-1 | 220871   | 220109   | 220993   | 220658   | 0.22   | cps   |
| Vanadium   | 51-2  | 11485    | 11061    | 11345    | 11297    | 1.91   | cps   |
| Yttrium    | 89-1  | 11591871 | 11608928 | 11661930 | 11620910 | 0.31   | cps   |
| Yttrium    | 89-2  | 2161262  | 2187773  | 2171262  | 2173432  | 0.62   | cps   |
| Zinc       | 66-2  | 41766    | 41867    | 42044    | 41892    | 0.34   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW043-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:37:37 | DataFile Name :   | 040SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3651 | 3592 | 3834 | 3692    | 3.42   | cps   |
| Zirconium | 91-1 | 1000 | 842  | 700  | 847     | 17.71  | cps   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-12 Instrumnet Name : P7  
 Client Sample ID : LF012RW161-180411 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:41:10 DataFile Name : 041SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 450      | 417      | 383      | 417      | 8.00   | cps   |
| Antimony   | 121-1 | 9670     | 9946     | 10605    | 10074    | 4.77   | cps   |
| Arsenic    | 75-2  | 2302     | 2219     | 2222     | 2248     | 2.10   | cps   |
| Barium     | 135-1 | 405785   | 402131   | 405332   | 404416   | 0.49   | cps   |
| Barium     | 137-1 | 705685   | 697855   | 711906   | 705149   | 1.00   | cps   |
| Beryllium  | 9-1   | 128      | 122      | 172      | 141      | 19.47  | cps   |
| Bismuth    | 209-1 | 10381754 | 10356779 | 10480188 | 10406240 | 0.63   | cps   |
| Bismuth    | 209-2 | 5775113  | 5725496  | 5789957  | 5763522  | 0.59   | cps   |
| Boron      | 10-1  | 58255    | 58924    | 58481    | 58553    | 0.58   | cps   |
| Boron      | 11-1  | 297818   | 293050   | 294168   | 295012   | 0.85   | cps   |
| Cadmium    | 111-1 | 2286     | 2358     | 2244     | 2296     | 2.51   | cps   |
| Cadmium    | 106-1 | 3284     | 3217     | 3034     | 3178     | 4.07   | cps   |
| Cadmium    | 108-1 | 50       | 54       | 63       | 56       | 11.46  | cps   |
| Calcium    | 43-1  | 3882443  | 3891853  | 3926392  | 3900230  | 0.59   | cps   |
| Calcium    | 44-1  | 63766387 | 64179654 | 64382258 | 64109433 | 0.49   | cps   |
| Chromium   | 52-2  | 3387     | 3234     | 3260     | 3294     | 2.49   | cps   |
| Cobalt     | 59-2  | 2470     | 2544     | 2577     | 2530     | 2.16   | cps   |
| Copper     | 63-2  | 28017    | 27416    | 27870    | 27768    | 1.13   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Dysprosium | 156-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Erbium     | 164-1 | 92       | 67       | 58       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 43       | 27       | 40       | 37       | 24.04  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 75       | 81       | 21.54  | cps   |
| Gadolinium | 160-2 | 187      | 143      | 137      | 156      | 17.45  | cps   |
| Holmium    | 165-1 | 16082949 | 16085124 | 16252075 | 16140049 | 0.60   | cps   |
| Holmium    | 165-2 | 8629627  | 8557931  | 8579778  | 8589112  | 0.43   | cps   |
| Indium     | 115-1 | 11613293 | 11558852 | 11807952 | 11660032 | 1.12   | cps   |
| Indium     | 115-2 | 2776902  | 2782152  | 2808921  | 2789325  | 0.62   | cps   |
| Iron       | 56-2  | 10462668 | 10291253 | 10395201 | 10383041 | 0.83   | cps   |
| Iron       | 57-2  | 269701   | 267089   | 269261   | 268684   | 0.52   | cps   |
| Krypton    | 83-1  | 540      | 543      | 457      | 513      | 9.57   | cps   |
| Lead       | 206-1 | 10199    | 10110    | 10115    | 10141    | 0.49   | cps   |
| Lead       | 207-1 | 7986     | 8431     | 8675     | 8364     | 4.18   | cps   |
| Lead       | 208-1 | 39291    | 39641    | 39685    | 39539    | 0.55   | cps   |
| Lithium    | 6-1   | 1928825  | 1876654  | 1841463  | 1882314  | 2.34   | cps   |
| Magnesium  | 24-2  | 6567448  | 6512427  | 6531339  | 6537071  | 0.43   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW161-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:41:10 | DataFile Name :   | 041SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 705254   | 698447   | 703715   | 702472   | 0.51   | cps   |
| Molybdenum | 94-1  | 3951     | 3676     | 3967     | 3865     | 4.24   | cps   |
| Molybdenum | 95-1  | 5801     | 5943     | 6152     | 5965     | 2.95   | cps   |
| Molybdenum | 96-1  | 6168     | 6310     | 6452     | 6310     | 2.25   | cps   |
| Molybdenum | 97-1  | 3426     | 3576     | 3517     | 3506     | 2.16   | cps   |
| Molybdenum | 98-1  | 9295     | 9237     | 9779     | 9437     | 3.15   | cps   |
| Neodymium  | 150-1 | 73       | 20       | 47       | 47       | 57.15  | cps   |
| Neodymium  | 150-2 | 17       | 0        | 23       | 13       | 90.13  | cps   |
| Nickel     | 60-2  | 3050     | 3054     | 2850     | 2985     | 3.90   | cps   |
| Phosphorus | 31-2  | 667      | 750      | 725      | 714      | 5.99   | cps   |
| Potassium  | 39-2  | 2148548  | 2139262  | 2150208  | 2146006  | 0.27   | cps   |
| Rhodium    | 103-1 | 10211534 | 10164948 | 10306606 | 10227696 | 0.71   | cps   |
| Rhodium    | 103-2 | 5783453  | 5809768  | 5817428  | 5803550  | 0.31   | cps   |
| Scandium   | 45-1  | 5737519  | 5723575  | 5800030  | 5753708  | 0.71   | cps   |
| Scandium   | 45-2  | 442186   | 436950   | 439648   | 439595   | 0.60   | cps   |
| Selenium   | 77-2  | 33       | 50       | 40       | 41       | 20.41  | cps   |
| Selenium   | 78-2  | 100      | 91       | 100      | 97       | 5.52   | cps   |
| Selenium   | 82-1  | 153      | 210      | 293      | 218      | 32.27  | cps   |
| Silicon    | 28-1  | 41362664 | 40643225 | 41636755 | 41214215 | 1.25   | cps   |
| Silver     | 109-1 | 2484     | 2434     | 2767     | 2561     | 7.02   | cps   |
| Silver     | 107-1 | 2742     | 2817     | 2717     | 2759     | 1.89   | cps   |
| Sodium     | 23-2  | 30659064 | 30650102 | 30532011 | 30613726 | 0.23   | cps   |
| Strontium  | 86-1  | 2426408  | 2414681  | 2455570  | 2432220  | 0.87   | cps   |
| Strontium  | 88-1  | 21911788 | 21723612 | 22084153 | 21906518 | 0.82   | cps   |
| Sulfur     | 34-1  | 1143790  | 1123246  | 1131232  | 1132756  | 0.91   | cps   |
| Terbium    | 159-1 | 16220559 | 16203911 | 16504599 | 16309690 | 1.04   | cps   |
| Terbium    | 159-2 | 8532261  | 8514663  | 8527222  | 8524715  | 0.11   | cps   |
| Thallium   | 203-1 | 283      | 342      | 350      | 325      | 11.18  | cps   |
| Thallium   | 205-1 | 658      | 617      | 592      | 622      | 5.41   | cps   |
| Tin        | 118-1 | 10571    | 11180    | 11021    | 10924    | 2.89   | cps   |
| Titanium   | 47-1  | 1400     | 1233     | 1167     | 1267     | 9.49   | cps   |
| Uranium    | 238-1 | 39395    | 39696    | 40474    | 39855    | 1.40   | cps   |
| Vanadium   | 51-2  | 3147     | 3080     | 3134     | 3120     | 1.13   | cps   |
| Yttrium    | 89-1  | 11524005 | 11425084 | 11599310 | 11516133 | 0.76   | cps   |
| Yttrium    | 89-2  | 2193531  | 2180308  | 2191478  | 2188439  | 0.33   | cps   |
| Zinc       | 66-2  | 33078    | 33505    | 33910    | 33497    | 1.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW161-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 16:41:10 | DataFile Name :   | 041SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1975 | 1875 | 2025 | 1959    | 3.90   | cps   |
| Zirconium | 91-1 | 433  | 392  | 400  | 408     | 5.40   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCV90 Instrumnet Name : P7  
 Client Sample ID : CCV90 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 16:58:20 DataFile Name : 044CCV\_P7042318- MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6232944   | 6212112   | 6224907   | 6223321   | 0.17   | cps   |
| Antimony   | 121-1 | 4738383   | 4760352   | 4757306   | 4752014   | 0.25   | cps   |
| Arsenic    | 75-2  | 217534    | 216459    | 218311    | 217435    | 0.43   | cps   |
| Barium     | 135-1 | 5613076   | 5594647   | 5631953   | 5613225   | 0.33   | cps   |
| Barium     | 137-1 | 9786125   | 9829454   | 9775197   | 9796925   | 0.29   | cps   |
| Beryllium  | 9-1   | 771210    | 774721    | 778887    | 774940    | 0.50   | cps   |
| Bismuth    | 209-1 | 10090306  | 10098897  | 10089455  | 10092886  | 0.05   | cps   |
| Bismuth    | 209-2 | 5887647   | 5820789   | 5935931   | 5881455   | 0.98   | cps   |
| Boron      | 10-1  | 91266     | 91299     | 93614     | 92060     | 1.46   | cps   |
| Boron      | 11-1  | 437212    | 447312    | 448214    | 444246    | 1.37   | cps   |
| Cadmium    | 111-1 | 1058482   | 1055802   | 1050913   | 1055065   | 0.36   | cps   |
| Cadmium    | 106-1 | 118299    | 118745    | 117156    | 118066    | 0.69   | cps   |
| Cadmium    | 108-1 | 77917     | 79517     | 79073     | 78836     | 1.05   | cps   |
| Calcium    | 43-1  | 5783114   | 5775617   | 5758377   | 5772369   | 0.22   | cps   |
| Calcium    | 44-1  | 95112500  | 95131156  | 94889398  | 95044351  | 0.14   | cps   |
| Chromium   | 52-2  | 1834771   | 1832277   | 1829080   | 1832043   | 0.16   | cps   |
| Cobalt     | 59-2  | 2714489   | 2695441   | 2705802   | 2705244   | 0.35   | cps   |
| Copper     | 63-2  | 3685535   | 3655864   | 3687449   | 3676283   | 0.48   | cps   |
| Dysprosium | 156-1 | 92        | 75        | 92        | 86        | 11.18  | cps   |
| Dysprosium | 156-2 | 90        | 53        | 87        | 77        | 26.45  | cps   |
| Erbium     | 164-1 | 92        | 75        | 50        | 72        | 29.04  | cps   |
| Erbium     | 164-2 | 33        | 40        | 23        | 32        | 26.04  | cps   |
| Gadolinium | 160-1 | 58        | 117       | 192       | 122       | 54.69  | cps   |
| Gadolinium | 160-2 | 203       | 177       | 190       | 190       | 7.02   | cps   |
| Holmium    | 165-1 | 16567228  | 16392392  | 16429763  | 16463128  | 0.56   | cps   |
| Holmium    | 165-2 | 9150878   | 9101034   | 9084314   | 9112075   | 0.38   | cps   |
| Indium     | 115-1 | 11525125  | 11537355  | 11500471  | 11520984  | 0.16   | cps   |
| Indium     | 115-2 | 2949266   | 2949653   | 2958647   | 2952522   | 0.18   | cps   |
| Iron       | 56-2  | 372425153 | 369935797 | 371126886 | 371162612 | 0.34   | cps   |
| Iron       | 57-2  | 9081512   | 9073154   | 9076868   | 9077178   | 0.05   | cps   |
| Krypton    | 83-1  | 530       | 580       | 550       | 553       | 4.55   | cps   |
| Lead       | 206-1 | 3713138   | 3735852   | 3766674   | 3738555   | 0.72   | cps   |
| Lead       | 207-1 | 3246662   | 3278992   | 3273500   | 3266385   | 0.53   | cps   |
| Lead       | 208-1 | 14887174  | 15005340  | 14930291  | 14940935  | 0.40   | cps   |
| Lithium    | 6-1   | 2204302   | 2200734   | 2197444   | 2200827   | 0.16   | cps   |
| Magnesium  | 24-2  | 66962170  | 66655349  | 67279706  | 66965742  | 0.47   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:58:20 | DataFile Name :   | 044CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 2067923   | 2056433   | 2070047   | 2064801   | 0.35   | cps   |
| Molybdenum | 94-1  | 9060425   | 9112917   | 9001636   | 9058326   | 0.61   | cps   |
| Molybdenum | 95-1  | 11184338  | 11264314  | 11185217  | 11211289  | 0.41   | cps   |
| Molybdenum | 96-1  | 12204605  | 12284372  | 12187410  | 12225463  | 0.42   | cps   |
| Molybdenum | 97-1  | 6934505   | 6907456   | 6895956   | 6912639   | 0.29   | cps   |
| Molybdenum | 98-1  | 18077907  | 17836314  | 17948127  | 17954116  | 0.67   | cps   |
| Neodymium  | 150-1 | 307       | 313       | 327       | 316       | 3.23   | cps   |
| Neodymium  | 150-2 | 87        | 80        | 63        | 77        | 15.68  | cps   |
| Nickel     | 60-2  | 709433    | 707837    | 705713    | 707661    | 0.26   | cps   |
| Phosphorus | 31-2  | 72159     | 71891     | 70384     | 71478     | 1.34   | cps   |
| Potassium  | 39-2  | 37028404  | 36849691  | 36835875  | 36904657  | 0.29   | cps   |
| Rhodium    | 103-1 | 10530685  | 10539858  | 10563561  | 10544701  | 0.16   | cps   |
| Rhodium    | 103-2 | 5850719   | 5819738   | 5859193   | 5843217   | 0.36   | cps   |
| Scandium   | 45-1  | 6795861   | 6778236   | 6731043   | 6768380   | 0.50   | cps   |
| Scandium   | 45-2  | 478369    | 474093    | 474654    | 475705    | 0.49   | cps   |
| Selenium   | 77-2  | 4337      | 4337      | 4637      | 4437      | 3.90   | cps   |
| Selenium   | 78-2  | 14732     | 14999     | 14776     | 14835     | 0.96   | cps   |
| Selenium   | 82-1  | 63251     | 62987     | 62680     | 62973     | 0.45   | cps   |
| Silicon    | 28-1  | 3098014   | 3148970   | 3174399   | 3140461   | 1.24   | cps   |
| Silver     | 109-1 | 5038565   | 5061227   | 5047820   | 5049204   | 0.23   | cps   |
| Silver     | 107-1 | 5265862   | 5310783   | 5227336   | 5267994   | 0.79   | cps   |
| Sodium     | 23-2  | 128676836 | 128238520 | 128407074 | 128440810 | 0.17   | cps   |
| Strontium  | 86-1  | 1393545   | 1398036   | 1388859   | 1393480   | 0.33   | cps   |
| Strontium  | 88-1  | 12474366  | 12454379  | 12374772  | 12434506  | 0.42   | cps   |
| Sulfur     | 34-1  | 745127    | 753203    | 743714    | 747348    | 0.69   | cps   |
| Terbium    | 159-1 | 16793732  | 16701442  | 16762576  | 16752584  | 0.28   | cps   |
| Terbium    | 159-2 | 9032669   | 8961780   | 9022759   | 9005736   | 0.43   | cps   |
| Thallium   | 203-1 | 4639904   | 4616472   | 4623555   | 4626644   | 0.26   | cps   |
| Thallium   | 205-1 | 11122773  | 11196694  | 11174708  | 11164725  | 0.34   | cps   |
| Tin        | 118-1 | 3499665   | 3537949   | 3552548   | 3530054   | 0.77   | cps   |
| Titanium   | 47-1  | 2774686   | 2768230   | 2765727   | 2769547   | 0.17   | cps   |
| Uranium    | 238-1 | 16308766  | 16284803  | 16297690  | 16297086  | 0.07   | cps   |
| Vanadium   | 51-2  | 1506031   | 1501026   | 1505757   | 1504272   | 0.19   | cps   |
| Yttrium    | 89-1  | 12246224  | 12110546  | 12177035  | 12177935  | 0.56   | cps   |
| Yttrium    | 89-2  | 2418942   | 2405184   | 2422655   | 2415594   | 0.38   | cps   |
| Zinc       | 66-2  | 553160    | 550023    | 554473    | 552552    | 0.41   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 16:58:20 | DataFile Name :   | 044CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7445120 | 7382825 | 7363973 | 7397306 | 0.57   | cps   |
| Zirconium | 91-1 | 1636522 | 1628290 | 1623299 | 1629370 | 0.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 183      | 150      | 158      | 13.92  | cps   |
| Antimony   | 121-1 | 3084     | 3942     | 5501     | 4176     | 29.35  | cps   |
| Arsenic    | 75-2  | 24       | 19       | 35       | 26       | 32.74  | cps   |
| Barium     | 135-1 | 242      | 283      | 208      | 244      | 15.37  | cps   |
| Barium     | 137-1 | 400      | 433      | 250      | 361      | 27.04  | cps   |
| Beryllium  | 9-1   | 289      | 217      | 228      | 244      | 15.91  | cps   |
| Bismuth    | 209-1 | 10842912 | 10867155 | 10909557 | 10873208 | 0.31   | cps   |
| Bismuth    | 209-2 | 6152968  | 6208223  | 6290613  | 6217268  | 1.11   | cps   |
| Boron      | 10-1  | 2467     | 2550     | 2209     | 2409     | 7.40   | cps   |
| Boron      | 11-1  | 11922    | 11188    | 11471    | 11527    | 3.21   | cps   |
| Cadmium    | 111-1 | 1929     | 1882     | 1976     | 1929     | 2.45   | cps   |
| Cadmium    | 106-1 | 3751     | 3726     | 3901     | 3792     | 2.50   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 17       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 350      | 342      | 292      | 328      | 9.62   | cps   |
| Calcium    | 44-1  | 14433    | 14257    | 13632    | 14107    | 2.98   | cps   |
| Chromium   | 52-2  | 673      | 577      | 720      | 657      | 11.13  | cps   |
| Cobalt     | 59-2  | 107      | 137      | 113      | 119      | 13.25  | cps   |
| Copper     | 63-2  | 2537     | 2314     | 2260     | 2370     | 6.19   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 33       | 11       | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 83       | 67       | 78       | 12.37  | cps   |
| Erbium     | 164-2 | 13       | 20       | 47       | 27       | 66.16  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 108      | 100      | 8.33   | cps   |
| Gadolinium | 160-2 | 160      | 170      | 163      | 164      | 3.10   | cps   |
| Holmium    | 165-1 | 16334721 | 16393033 | 16556448 | 16428067 | 0.70   | cps   |
| Holmium    | 165-2 | 8909615  | 8956784  | 9024098  | 8963499  | 0.64   | cps   |
| Indium     | 115-1 | 12100022 | 12039697 | 12088890 | 12076203 | 0.27   | cps   |
| Indium     | 115-2 | 2976517  | 3021500  | 3036610  | 3011542  | 1.04   | cps   |
| Iron       | 56-2  | 13562    | 12066    | 12178    | 12602    | 6.61   | cps   |
| Iron       | 57-2  | 706      | 739      | 717      | 720      | 2.36   | cps   |
| Krypton    | 83-1  | 593      | 497      | 503      | 531      | 10.17  | cps   |
| Lead       | 206-1 | 1761     | 1695     | 1489     | 1648     | 8.61   | cps   |
| Lead       | 207-1 | 1372     | 1300     | 1428     | 1367     | 4.69   | cps   |
| Lead       | 208-1 | 6684     | 6584     | 6345     | 6538     | 2.66   | cps   |
| Lithium    | 6-1   | 2236976  | 2271707  | 2294367  | 2267683  | 1.27   | cps   |
| Magnesium  | 24-2  | 1125     | 967      | 975      | 1022     | 8.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 110      | 100      | 83       | 98       | 13.77  | cps   |
| Molybdenum | 94-1  | 1267     | 1242     | 1192     | 1233     | 3.10   | cps   |
| Molybdenum | 95-1  | 1692     | 1475     | 1350     | 1506     | 11.48  | cps   |
| Molybdenum | 96-1  | 1775     | 1992     | 1600     | 1789     | 10.97  | cps   |
| Molybdenum | 97-1  | 1017     | 983      | 792      | 931      | 13.05  | cps   |
| Molybdenum | 98-1  | 2692     | 2384     | 2684     | 2586     | 6.79   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 47       | 63       | 59       | 18.19  | cps   |
| Phosphorus | 31-2  | 583      | 425      | 425      | 478      | 19.13  | cps   |
| Potassium  | 39-2  | 66943    | 66282    | 65905    | 66377    | 0.79   | cps   |
| Rhodium    | 103-1 | 11234667 | 11297630 | 11418719 | 11317005 | 0.83   | cps   |
| Rhodium    | 103-2 | 6232693  | 6281073  | 6304726  | 6272831  | 0.59   | cps   |
| Scandium   | 45-1  | 6682409  | 6679907  | 6827054  | 6729790  | 1.25   | cps   |
| Scandium   | 45-2  | 455229   | 456920   | 457726   | 456625   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 124      | 102      | 111      | 112      | 9.94   | cps   |
| Selenium   | 82-1  | -3       | 50       | 37       | 28       | 99.17  | cps   |
| Silicon    | 28-1  | 295727   | 295694   | 290646   | 294022   | 0.99   | cps   |
| Silver     | 109-1 | 950      | 700      | 825      | 825      | 15.15  | cps   |
| Silver     | 107-1 | 850      | 900      | 767      | 839      | 8.03   | cps   |
| Sodium     | 23-2  | 46648    | 45478    | 45470    | 45865    | 1.48   | cps   |
| Strontium  | 86-1  | 692      | 875      | 867      | 811      | 12.76  | cps   |
| Strontium  | 88-1  | 450      | 450      | 392      | 431      | 7.82   | cps   |
| Sulfur     | 34-1  | 445717   | 445449   | 448728   | 446631   | 0.41   | cps   |
| Terbium    | 159-1 | 16584339 | 16597959 | 16741258 | 16641185 | 0.52   | cps   |
| Terbium    | 159-2 | 8865640  | 8964323  | 8937515  | 8922493  | 0.57   | cps   |
| Thallium   | 203-1 | 2050     | 1825     | 1959     | 1945     | 5.82   | cps   |
| Thallium   | 205-1 | 4526     | 4476     | 3959     | 4320     | 7.26   | cps   |
| Tin        | 118-1 | 892      | 817      | 925      | 878      | 6.32   | cps   |
| Titanium   | 47-1  | 208      | 142      | 225      | 192      | 23.01  | cps   |
| Uranium    | 238-1 | 467      | 258      | 242      | 322      | 38.91  | cps   |
| Vanadium   | 51-2  | 53       | 77       | 63       | 64       | 18.17  | cps   |
| Yttrium    | 89-1  | 12226898 | 12305516 | 12412872 | 12315095 | 0.76   | cps   |
| Yttrium    | 89-2  | 2341348  | 2363573  | 2356727  | 2353883  | 0.48   | cps   |
| Zinc       | 66-2  | 317      | 230      | 250      | 266      | 17.09  | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:03:35 | DataFile Name :   | 045CCBE_P7042318- M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1108 | 1042 | 1158 | 1103    | 5.31   | cps   |
| Zirconium | 91-1 | 300  | 258  | 258  | 272     | 8.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 608      | 383      | 408      | 467      | 26.43  | cps   |
| Antimony   | 121-1 | 15868    | 18596    | 20432    | 18299    | 12.55  | cps   |
| Arsenic    | 75-2  | 2671     | 2545     | 2650     | 2622     | 2.58   | cps   |
| Barium     | 135-1 | 355831   | 359948   | 369469   | 361749   | 1.93   | cps   |
| Barium     | 137-1 | 616609   | 621465   | 634921   | 624332   | 1.52   | cps   |
| Beryllium  | 9-1   | 111      | 183      | 183      | 159      | 26.18  | cps   |
| Bismuth    | 209-1 | 9761572  | 9810331  | 10026658 | 9866187  | 1.43   | cps   |
| Bismuth    | 209-2 | 5632121  | 5736132  | 5700115  | 5689456  | 0.93   | cps   |
| Boron      | 10-1  | 69719    | 68782    | 68614    | 69038    | 0.86   | cps   |
| Boron      | 11-1  | 339641   | 341001   | 347197   | 342613   | 1.18   | cps   |
| Cadmium    | 111-1 | 1967     | 1810     | 1913     | 1897     | 4.20   | cps   |
| Cadmium    | 106-1 | 3467     | 3150     | 3209     | 3276     | 5.15   | cps   |
| Cadmium    | 108-1 | 42       | 33       | 42       | 39       | 12.38  | cps   |
| Calcium    | 43-1  | 4211598  | 4178911  | 4222491  | 4204333  | 0.54   | cps   |
| Calcium    | 44-1  | 68899064 | 68427495 | 68782845 | 68703135 | 0.36   | cps   |
| Chromium   | 52-2  | 4761     | 4818     | 4914     | 4831     | 1.61   | cps   |
| Cobalt     | 59-2  | 3310     | 3437     | 3100     | 3283     | 5.18   | cps   |
| Copper     | 63-2  | 27272    | 27035    | 26938    | 27082    | 0.63   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 17       | 25       | 57.73  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 13       | 19       | 36.75  | cps   |
| Erbium     | 164-1 | 100      | 67       | 75       | 81       | 21.54  | cps   |
| Erbium     | 164-2 | 70       | 17       | 37       | 41       | 65.53  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 92       | 94       | 5.09   | cps   |
| Gadolinium | 160-2 | 190      | 173      | 173      | 179      | 5.38   | cps   |
| Holmium    | 165-1 | 15191809 | 15144110 | 15577564 | 15304494 | 1.55   | cps   |
| Holmium    | 165-2 | 8496744  | 8576389  | 8482618  | 8518584  | 0.59   | cps   |
| Indium     | 115-1 | 11512354 | 11521786 | 11683608 | 11572583 | 0.83   | cps   |
| Indium     | 115-2 | 2850079  | 2843356  | 2827618  | 2840351  | 0.41   | cps   |
| Iron       | 56-2  | 11128123 | 11142435 | 11176807 | 11149122 | 0.22   | cps   |
| Iron       | 57-2  | 286836   | 285653   | 288176   | 286888   | 0.44   | cps   |
| Krypton    | 83-1  | 473      | 560      | 563      | 532      | 9.59   | cps   |
| Lead       | 206-1 | 5568     | 5018     | 5707     | 5431     | 6.71   | cps   |
| Lead       | 207-1 | 4723     | 4634     | 4779     | 4712     | 1.55   | cps   |
| Lead       | 208-1 | 22002    | 21224    | 22119    | 21782    | 2.23   | cps   |
| Lithium    | 6-1   | 2284447  | 2287499  | 2351513  | 2307820  | 1.64   | cps   |
| Magnesium  | 24-2  | 6923244  | 6885830  | 6896038  | 6901704  | 0.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 860324   | 861290   | 863729   | 861781   | 0.20   | cps   |
| Molybdenum | 94-1  | 3676     | 3467     | 3651     | 3598     | 3.16   | cps   |
| Molybdenum | 95-1  | 4559     | 4509     | 4559     | 4543     | 0.64   | cps   |
| Molybdenum | 96-1  | 5310     | 5226     | 5151     | 5229     | 1.52   | cps   |
| Molybdenum | 97-1  | 2767     | 2975     | 2842     | 2862     | 3.69   | cps   |
| Molybdenum | 98-1  | 7536     | 7444     | 7277     | 7419     | 1.77   | cps   |
| Neodymium  | 150-1 | 40       | 20       | 60       | 40       | 50.00  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 4387     | 4301     | 4331     | 4340     | 1.01   | cps   |
| Phosphorus | 31-2  | 608      | 500      | 758      | 622      | 20.85  | cps   |
| Potassium  | 39-2  | 2490059  | 2482991  | 2503715  | 2492255  | 0.42   | cps   |
| Rhodium    | 103-1 | 10009501 | 10000309 | 10245378 | 10085063 | 1.38   | cps   |
| Rhodium    | 103-2 | 5662695  | 5644560  | 5682525  | 5663260  | 0.34   | cps   |
| Scandium   | 45-1  | 5900724  | 5860836  | 5896264  | 5885941  | 0.37   | cps   |
| Scandium   | 45-2  | 428381   | 429898   | 431579   | 429952   | 0.37   | cps   |
| Selenium   | 77-2  | 10       | 17       | 43       | 23       | 75.58  | cps   |
| Selenium   | 78-2  | 130      | 107      | 131      | 123      | 10.90  | cps   |
| Selenium   | 82-1  | 302      | 220      | 248      | 257      | 16.20  | cps   |
| Silicon    | 28-1  | 49849785 | 49608830 | 49799735 | 49752784 | 0.26   | cps   |
| Silver     | 109-1 | 7844     | 7069     | 5902     | 6938     | 14.09  | cps   |
| Silver     | 107-1 | 7744     | 7344     | 6143     | 7077     | 11.77  | cps   |
| Sodium     | 23-2  | 32428167 | 32282306 | 32330902 | 32347125 | 0.23   | cps   |
| Strontium  | 86-1  | 2627864  | 2644067  | 2684166  | 2652032  | 1.09   | cps   |
| Strontium  | 88-1  | 23571901 | 23756390 | 24108373 | 23812221 | 1.14   | cps   |
| Sulfur     | 34-1  | 1344694  | 1334432  | 1333528  | 1337551  | 0.46   | cps   |
| Terbium    | 159-1 | 15502806 | 15463685 | 15842184 | 15602892 | 1.33   | cps   |
| Terbium    | 159-2 | 8419484  | 8488788  | 8409944  | 8439405  | 0.51   | cps   |
| Thallium   | 203-1 | 18831    | 11597    | 7202     | 12544    | 46.81  | cps   |
| Thallium   | 205-1 | 43616    | 26093    | 16912    | 28874    | 46.99  | cps   |
| Tin        | 118-1 | 11881    | 12923    | 13807    | 12870    | 7.49   | cps   |
| Titanium   | 47-1  | 1200     | 1008     | 1100     | 1103     | 8.69   | cps   |
| Uranium    | 238-1 | 35976    | 36185    | 36227    | 36130    | 0.37   | cps   |
| Vanadium   | 51-2  | 1947     | 2260     | 2234     | 2147     | 8.09   | cps   |
| Yttrium    | 89-1  | 11238488 | 11335342 | 11391481 | 11321771 | 0.68   | cps   |
| Yttrium    | 89-2  | 2188604  | 2168296  | 2185970  | 2180957  | 0.51   | cps   |
| Zinc       | 66-2  | 38093    | 37829    | 38547    | 38157    | 0.95   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW162-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:07:08 | DataFile Name :   | 046SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3134 | 3000 | 3342 | 3159    | 5.45   | cps   |
| Zirconium | 91-1 | 633  | 692  | 667  | 664     | 4.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 625      | 733      | 592      | 650      | 11.40  | cps   |
| Antimony   | 121-1 | 10221    | 11230    | 12122    | 11191    | 8.50   | cps   |
| Arsenic    | 75-2  | 2789     | 2652     | 2576     | 2672     | 4.04   | cps   |
| Barium     | 135-1 | 331007   | 324408   | 330582   | 328666   | 1.12   | cps   |
| Barium     | 137-1 | 570337   | 570051   | 574401   | 571596   | 0.43   | cps   |
| Beryllium  | 9-1   | 172      | 117      | 183      | 157      | 22.69  | cps   |
| Bismuth    | 209-1 | 10136224 | 10128936 | 10306871 | 10190677 | 0.99   | cps   |
| Bismuth    | 209-2 | 5552071  | 5539087  | 5628167  | 5573108  | 0.86   | cps   |
| Boron      | 10-1  | 67442    | 67442    | 66907    | 67264    | 0.46   | cps   |
| Boron      | 11-1  | 338607   | 343213   | 337999   | 339940   | 0.84   | cps   |
| Cadmium    | 111-1 | 1882     | 1812     | 1758     | 1817     | 3.42   | cps   |
| Cadmium    | 106-1 | 3542     | 3417     | 3267     | 3409     | 4.04   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 25       | 24       | 10.20  | cps   |
| Calcium    | 43-1  | 4272525  | 4234654  | 4271218  | 4259466  | 0.50   | cps   |
| Calcium    | 44-1  | 69521060 | 69695837 | 69530589 | 69582495 | 0.14   | cps   |
| Chromium   | 52-2  | 15148    | 15882    | 15615    | 15548    | 2.39   | cps   |
| Cobalt     | 59-2  | 3114     | 3004     | 3200     | 3106     | 3.17   | cps   |
| Copper     | 63-2  | 15468    | 15352    | 15599    | 15473    | 0.80   | cps   |
| Dysprosium | 156-1 | 42       | 58       | 50       | 50       | 16.67  | cps   |
| Dysprosium | 156-2 | 27       | 13       | 23       | 21       | 32.88  | cps   |
| Erbium     | 164-1 | 92       | 75       | 67       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 33       | 30       | 23       | 29       | 17.63  | cps   |
| Gadolinium | 160-1 | 117      | 108      | 133      | 119      | 10.66  | cps   |
| Gadolinium | 160-2 | 173      | 223      | 157      | 184      | 18.81  | cps   |
| Holmium    | 165-1 | 15855734 | 15893655 | 16122468 | 15957285 | 0.90   | cps   |
| Holmium    | 165-2 | 8520025  | 8454859  | 8503744  | 8492876  | 0.40   | cps   |
| Indium     | 115-1 | 11748908 | 11778000 | 11913284 | 11813398 | 0.74   | cps   |
| Indium     | 115-2 | 2803927  | 2791476  | 2785442  | 2793615  | 0.34   | cps   |
| Iron       | 56-2  | 8678732  | 8692116  | 8721020  | 8697289  | 0.25   | cps   |
| Iron       | 57-2  | 227300   | 227183   | 226464   | 226982   | 0.20   | cps   |
| Krypton    | 83-1  | 560      | 510      | 490      | 520      | 6.93   | cps   |
| Lead       | 206-1 | 3106     | 2895     | 2606     | 2869     | 8.75   | cps   |
| Lead       | 207-1 | 2406     | 2628     | 2489     | 2508     | 4.48   | cps   |
| Lead       | 208-1 | 11436    | 11708    | 10997    | 11380    | 3.15   | cps   |
| Lithium    | 6-1   | 2106590  | 2080423  | 2072917  | 2086643  | 0.85   | cps   |
| Magnesium  | 24-2  | 7172213  | 7164908  | 7128808  | 7155310  | 0.32   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 775709   | 779821   | 779790   | 778440   | 0.30   | cps   |
| Molybdenum | 94-1  | 2825     | 2825     | 2975     | 2875     | 3.01   | cps   |
| Molybdenum | 95-1  | 3792     | 3667     | 3551     | 3670     | 3.29   | cps   |
| Molybdenum | 96-1  | 4109     | 4059     | 4059     | 4076     | 0.71   | cps   |
| Molybdenum | 97-1  | 2525     | 2167     | 2242     | 2311     | 8.18   | cps   |
| Molybdenum | 98-1  | 6068     | 5743     | 6052     | 5954     | 3.08   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 27       | 36       | 21.64  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 20       | 13       | 43.30  | cps   |
| Nickel     | 60-2  | 4447     | 4407     | 4367     | 4407     | 0.91   | cps   |
| Phosphorus | 31-2  | 450      | 492      | 533      | 492      | 8.48   | cps   |
| Potassium  | 39-2  | 2399196  | 2398923  | 2407001  | 2401707  | 0.19   | cps   |
| Rhodium    | 103-1 | 10218177 | 10285127 | 10398765 | 10300690 | 0.89   | cps   |
| Rhodium    | 103-2 | 5726802  | 5719207  | 5671596  | 5705868  | 0.52   | cps   |
| Scandium   | 45-1  | 5842161  | 5837113  | 5911800  | 5863692  | 0.71   | cps   |
| Scandium   | 45-2  | 431380   | 428594   | 429372   | 429782   | 0.33   | cps   |
| Selenium   | 77-2  | 37       | 27       | 67       | 43       | 48.03  | cps   |
| Selenium   | 78-2  | 96       | 111      | 96       | 101      | 8.45   | cps   |
| Selenium   | 82-1  | 240      | 322      | 412      | 325      | 26.55  | cps   |
| Silicon    | 28-1  | 50130356 | 50218369 | 50024220 | 50124315 | 0.19   | cps   |
| Silver     | 109-1 | 4376     | 4184     | 4243     | 4268     | 2.30   | cps   |
| Silver     | 107-1 | 4926     | 4318     | 4109     | 4451     | 9.54   | cps   |
| Sodium     | 23-2  | 34740103 | 34660889 | 34662659 | 34687884 | 0.13   | cps   |
| Strontium  | 86-1  | 2894895  | 2900235  | 2917682  | 2904270  | 0.41   | cps   |
| Strontium  | 88-1  | 26024480 | 26049839 | 26249648 | 26107989 | 0.47   | cps   |
| Sulfur     | 34-1  | 1493288  | 1481942  | 1474435  | 1483222  | 0.64   | cps   |
| Terbium    | 159-1 | 15893868 | 16109291 | 16232461 | 16078540 | 1.07   | cps   |
| Terbium    | 159-2 | 8413741  | 8335059  | 8347355  | 8365385  | 0.51   | cps   |
| Thallium   | 203-1 | 1617     | 1308     | 892      | 1272     | 28.60  | cps   |
| Thallium   | 205-1 | 3859     | 3159     | 2267     | 3095     | 25.78  | cps   |
| Tin        | 118-1 | 12840    | 13382    | 14233    | 13485    | 5.21   | cps   |
| Titanium   | 47-1  | 1233     | 1200     | 1192     | 1208     | 1.82   | cps   |
| Uranium    | 238-1 | 67730    | 68600    | 69524    | 68618    | 1.31   | cps   |
| Vanadium   | 51-2  | 3490     | 3804     | 3634     | 3643     | 4.31   | cps   |
| Yttrium    | 89-1  | 11551915 | 11651195 | 11760954 | 11654688 | 0.90   | cps   |
| Yttrium    | 89-2  | 2168341  | 2184615  | 2159880  | 2170945  | 0.58   | cps   |
| Zinc       | 66-2  | 6588     | 6848     | 6912     | 6783     | 2.53   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW163-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:10:41 | DataFile Name :   | 047SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1859 | 1809 | 2334 | 2000    | 14.49  | cps   |
| Zirconium | 91-1 | 425  | 408  | 467  | 433     | 6.93   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1017      | 1125      | 892       | 1011      | 11.55  | cps   |
| Antimony   | 121-1 | 8861      | 9345      | 10288     | 9498      | 7.64   | cps   |
| Arsenic    | 75-2  | 700       | 643       | 665       | 669       | 4.33   | cps   |
| Barium     | 135-1 | 53830     | 54031     | 54918     | 54259     | 1.07   | cps   |
| Barium     | 137-1 | 92314     | 94998     | 93313     | 93542     | 1.45   | cps   |
| Beryllium  | 9-1   | 361       | 311       | 278       | 317       | 13.24  | cps   |
| Bismuth    | 209-1 | 8929849   | 9156917   | 9251911   | 9112892   | 1.82   | cps   |
| Bismuth    | 209-2 | 5079826   | 5071569   | 5075283   | 5075559   | 0.08   | cps   |
| Boron      | 10-1  | 639011    | 657324    | 668850    | 655062    | 2.30   | cps   |
| Boron      | 11-1  | 3318254   | 3434598   | 3436399   | 3396417   | 1.99   | cps   |
| Cadmium    | 111-1 | 1725      | 1918      | 1678      | 1774      | 7.17   | cps   |
| Cadmium    | 106-1 | 3384      | 3751      | 3309      | 3481      | 6.79   | cps   |
| Cadmium    | 108-1 | 42        | 46        | 79        | 56        | 37.00  | cps   |
| Calcium    | 43-1  | 9737165   | 9987337   | 9923331   | 9882611   | 1.32   | cps   |
| Calcium    | 44-1  | 159537437 | 163797558 | 162808324 | 162047773 | 1.38   | cps   |
| Chromium   | 52-2  | 15582     | 15565     | 15865     | 15671     | 1.08   | cps   |
| Cobalt     | 59-2  | 1287      | 1280      | 1373      | 1313      | 3.96   | cps   |
| Copper     | 63-2  | 19176     | 19426     | 19440     | 19347     | 0.77   | cps   |
| Dysprosium | 156-1 | 758       | 750       | 867       | 792       | 8.22   | cps   |
| Dysprosium | 156-2 | 370       | 440       | 433       | 414       | 9.32   | cps   |
| Erbium     | 164-1 | 917       | 775       | 1025      | 906       | 13.85  | cps   |
| Erbium     | 164-2 | 493       | 510       | 377       | 460       | 15.79  | cps   |
| Gadolinium | 160-1 | 758       | 692       | 850       | 767       | 10.37  | cps   |
| Gadolinium | 160-2 | 643       | 580       | 547       | 590       | 8.32   | cps   |
| Holmium    | 165-1 | 14632402  | 15081060  | 14973328  | 14895597  | 1.57   | cps   |
| Holmium    | 165-2 | 8081772   | 8111516   | 8094130   | 8095806   | 0.18   | cps   |
| Indium     | 115-1 | 10717661  | 10930512  | 10906968  | 10851714  | 1.08   | cps   |
| Indium     | 115-2 | 2604841   | 2591000   | 2595767   | 2597203   | 0.27   | cps   |
| Iron       | 56-2  | 17582695  | 17504393  | 17501814  | 17529634  | 0.26   | cps   |
| Iron       | 57-2  | 465818    | 466273    | 464211    | 465434    | 0.23   | cps   |
| Krypton    | 83-1  | 627       | 633       | 640       | 633       | 1.05   | cps   |
| Lead       | 206-1 | 2845      | 2950      | 2973      | 2923      | 2.34   | cps   |
| Lead       | 207-1 | 2234      | 2350      | 2406      | 2330      | 3.77   | cps   |
| Lead       | 208-1 | 11208     | 11124     | 11347     | 11226     | 1.00   | cps   |
| Lithium    | 6-1   | 2117888   | 2128271   | 2124853   | 2123670   | 0.25   | cps   |
| Magnesium  | 24-2  | 71764606  | 71811435  | 71931572  | 71835871  | 0.12   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1620724   | 1611712   | 1619637   | 1617358   | 0.30   | cps   |
| Molybdenum | 94-1  | 10079     | 10796     | 10880     | 10585     | 4.16   | cps   |
| Molybdenum | 95-1  | 1325      | 1583      | 1183      | 1364      | 14.87  | cps   |
| Molybdenum | 96-1  | 2950      | 3050      | 3234      | 3078      | 4.67   | cps   |
| Molybdenum | 97-1  | 942       | 975       | 908       | 942       | 3.54   | cps   |
| Molybdenum | 98-1  | 2300      | 2284      | 2000      | 2195      | 7.68   | cps   |
| Neodymium  | 150-1 | 693       | 813       | 660       | 722       | 11.17  | cps   |
| Neodymium  | 150-2 | 327       | 353       | 350       | 343       | 4.23   | cps   |
| Nickel     | 60-2  | 1317      | 1303      | 1257      | 1292      | 2.44   | cps   |
| Phosphorus | 31-2  | 817       | 792       | 825       | 811       | 2.14   | cps   |
| Potassium  | 39-2  | 1164143   | 1155676   | 1158103   | 1159308   | 0.38   | cps   |
| Rhodium    | 103-1 | 9228190   | 9358285   | 9448430   | 9344968   | 1.18   | cps   |
| Rhodium    | 103-2 | 5138277   | 5166588   | 5177659   | 5160841   | 0.39   | cps   |
| Scandium   | 45-1  | 5598971   | 5737411   | 5678819   | 5671734   | 1.23   | cps   |
| Scandium   | 45-2  | 407799    | 408416    | 407391    | 407869    | 0.13   | cps   |
| Selenium   | 77-2  | 37        | 47        | 60        | 48        | 24.50  | cps   |
| Selenium   | 78-2  | 109       | 111       | 91        | 104       | 10.86  | cps   |
| Selenium   | 82-1  | 312       | 270       | 367       | 316       | 15.39  | cps   |
| Silicon    | 28-1  | 54687141  | 55872935  | 55034464  | 55198180  | 1.10   | cps   |
| Silver     | 109-1 | 3526      | 3376      | 3551      | 3484      | 2.72   | cps   |
| Silver     | 107-1 | 4134      | 4009      | 3517      | 3887      | 8.39   | cps   |
| Sodium     | 23-2  | 348859358 | 348636616 | 349352566 | 348949513 | 0.10   | cps   |
| Strontium  | 86-1  | 16657900  | 16945283  | 17122121  | 16908435  | 1.39   | cps   |
| Strontium  | 88-1  | 147475282 | 150208716 | 150229270 | 149304423 | 1.06   | cps   |
| Sulfur     | 34-1  | 19378298  | 19754856  | 19553867  | 19562340  | 0.96   | cps   |
| Terbium    | 159-1 | 14908265  | 15197859  | 15158654  | 15088259  | 1.04   | cps   |
| Terbium    | 159-2 | 8031856   | 7989099   | 7979602   | 8000186   | 0.35   | cps   |
| Thallium   | 203-1 | 667       | 492       | 517       | 558       | 16.95  | cps   |
| Thallium   | 205-1 | 1725      | 1400      | 1283      | 1470      | 15.58  | cps   |
| Tin        | 118-1 | 10713     | 12039     | 12222     | 11658     | 7.07   | cps   |
| Titanium   | 47-1  | 1792      | 1709      | 1767      | 1756      | 2.44   | cps   |
| Uranium    | 238-1 | 65393     | 64689     | 66664     | 65582     | 1.53   | cps   |
| Vanadium   | 51-2  | 7342      | 7299      | 7519      | 7386      | 1.58   | cps   |
| Yttrium    | 89-1  | 10814484  | 11092703  | 11026132  | 10977773  | 1.32   | cps   |
| Yttrium    | 89-2  | 2065932   | 2063689   | 2062082   | 2063901   | 0.09   | cps   |
| Zinc       | 66-2  | 2560      | 2574      | 2390      | 2508      | 4.08   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF014MW086-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:14:14 | DataFile Name :   | 048SMPL_P7042318- M |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 26197 | 26959 | 26709 | 26622   | 1.46   | cps   |
| Zirconium | 91-1 | 5835  | 6285  | 6593  | 6238    | 6.12   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-16 Instrumnet Name : P7  
 Client Sample ID : DUP-0441-180411 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:17:54 DataFile Name : 049SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1408     | 1483     | 1217     | 1370     | 10.04  | cps   |
| Antimony   | 121-1 | 14058    | 14591    | 15367    | 14672    | 4.49   | cps   |
| Arsenic    | 75-2  | 1580     | 1659     | 1539     | 1593     | 3.84   | cps   |
| Barium     | 135-1 | 369817   | 373455   | 368580   | 370617   | 0.68   | cps   |
| Barium     | 137-1 | 646094   | 650954   | 647441   | 648163   | 0.39   | cps   |
| Beryllium  | 9-1   | 172      | 94       | 150      | 139      | 28.84  | cps   |
| Bismuth    | 209-1 | 10202992 | 10258127 | 10217510 | 10226209 | 0.28   | cps   |
| Bismuth    | 209-2 | 5622592  | 5681490  | 5669620  | 5657901  | 0.55   | cps   |
| Boron      | 10-1  | 75087    | 75196    | 74107    | 74797    | 0.80   | cps   |
| Boron      | 11-1  | 381924   | 375456   | 375884   | 377755   | 0.96   | cps   |
| Cadmium    | 111-1 | 2099     | 2051     | 2241     | 2130     | 4.64   | cps   |
| Cadmium    | 106-1 | 3309     | 3059     | 3284     | 3217     | 4.28   | cps   |
| Cadmium    | 108-1 | 50       | 58       | 67       | 58       | 14.29  | cps   |
| Calcium    | 43-1  | 4648761  | 4632136  | 4620885  | 4633927  | 0.30   | cps   |
| Calcium    | 44-1  | 75472785 | 75681679 | 75664535 | 75606333 | 0.15   | cps   |
| Chromium   | 52-2  | 3024     | 3234     | 3157     | 3138     | 3.39   | cps   |
| Cobalt     | 59-2  | 3057     | 3270     | 3014     | 3114     | 4.41   | cps   |
| Copper     | 63-2  | 21606    | 21192    | 21533    | 21444    | 1.03   | cps   |
| Dysprosium | 156-1 | 100      | 75       | 92       | 89       | 14.33  | cps   |
| Dysprosium | 156-2 | 53       | 50       | 60       | 54       | 9.35   | cps   |
| Erbium     | 164-1 | 142      | 167      | 117      | 142      | 17.65  | cps   |
| Erbium     | 164-2 | 63       | 57       | 67       | 62       | 8.18   | cps   |
| Gadolinium | 160-1 | 158      | 225      | 217      | 200      | 18.16  | cps   |
| Gadolinium | 160-2 | 190      | 213      | 203      | 202      | 5.79   | cps   |
| Holmium    | 165-1 | 15988563 | 16015072 | 15923495 | 15975710 | 0.29   | cps   |
| Holmium    | 165-2 | 8596742  | 8570516  | 8604138  | 8590465  | 0.21   | cps   |
| Indium     | 115-1 | 11673766 | 11720487 | 11671335 | 11688529 | 0.24   | cps   |
| Indium     | 115-2 | 2758095  | 2769165  | 2765106  | 2764122  | 0.20   | cps   |
| Iron       | 56-2  | 3201779  | 3214071  | 3190359  | 3202070  | 0.37   | cps   |
| Iron       | 57-2  | 102002   | 102780   | 101140   | 101974   | 0.80   | cps   |
| Krypton    | 83-1  | 573      | 490      | 520      | 528      | 8.00   | cps   |
| Lead       | 206-1 | 4273     | 4356     | 4473     | 4368     | 2.30   | cps   |
| Lead       | 207-1 | 3912     | 3523     | 3456     | 3630     | 6.78   | cps   |
| Lead       | 208-1 | 17327    | 16327    | 16460    | 16705    | 3.25   | cps   |
| Lithium    | 6-1   | 2032315  | 1983636  | 1954631  | 1990194  | 1.97   | cps   |
| Magnesium  | 24-2  | 8012396  | 8074302  | 7997292  | 8027997  | 0.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-16            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0441-180411     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:17:54 | DataFile Name :   | 049SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 277314   | 276433   | 273340   | 275695   | 0.76   | cps   |
| Molybdenum | 94-1  | 8203     | 8486     | 7794     | 8161     | 4.26   | cps   |
| Molybdenum | 95-1  | 12773    | 12698    | 12406    | 12626    | 1.54   | cps   |
| Molybdenum | 96-1  | 14057    | 13499    | 13974    | 13843    | 2.18   | cps   |
| Molybdenum | 97-1  | 7903     | 7961     | 7911     | 7925     | 0.40   | cps   |
| Molybdenum | 98-1  | 20516    | 21116    | 20991    | 20874    | 1.52   | cps   |
| Neodymium  | 150-1 | 100      | 167      | 220      | 162      | 37.06  | cps   |
| Neodymium  | 150-2 | 60       | 57       | 77       | 64       | 16.63  | cps   |
| Nickel     | 60-2  | 4277     | 4221     | 4494     | 4331     | 3.33   | cps   |
| Phosphorus | 31-2  | 800      | 817      | 1108     | 908      | 19.09  | cps   |
| Potassium  | 39-2  | 2817782  | 2824172  | 2821955  | 2821303  | 0.11   | cps   |
| Rhodium    | 103-1 | 10181594 | 10321280 | 10285993 | 10262956 | 0.71   | cps   |
| Rhodium    | 103-2 | 5700750  | 5721486  | 5783149  | 5735128  | 0.75   | cps   |
| Scandium   | 45-1  | 5805542  | 5815317  | 5761782  | 5794214  | 0.49   | cps   |
| Scandium   | 45-2  | 425519   | 426080   | 425281   | 425627   | 0.10   | cps   |
| Selenium   | 77-2  | 50       | 60       | 37       | 49       | 23.94  | cps   |
| Selenium   | 78-2  | 104      | 117      | 109      | 110      | 5.92   | cps   |
| Selenium   | 82-1  | 249      | 264      | 248      | 254      | 3.63   | cps   |
| Silicon    | 28-1  | 39678438 | 39545803 | 39156950 | 39460397 | 0.69   | cps   |
| Silver     | 109-1 | 3417     | 2884     | 2692     | 2998     | 12.54  | cps   |
| Silver     | 107-1 | 3217     | 2859     | 3276     | 3117     | 7.24   | cps   |
| Sodium     | 23-2  | 31886889 | 32068489 | 31866316 | 31940565 | 0.35   | cps   |
| Strontium  | 86-1  | 2929933  | 2904225  | 2939832  | 2924663  | 0.63   | cps   |
| Strontium  | 88-1  | 26219241 | 26234111 | 26323457 | 26258936 | 0.21   | cps   |
| Sulfur     | 34-1  | 1851776  | 1841634  | 1817654  | 1837021  | 0.95   | cps   |
| Terbium    | 159-1 | 16082154 | 16298697 | 16263483 | 16214778 | 0.72   | cps   |
| Terbium    | 159-2 | 8394341  | 8477239  | 8476435  | 8449339  | 0.56   | cps   |
| Thallium   | 203-1 | 683      | 575      | 717      | 658      | 11.25  | cps   |
| Thallium   | 205-1 | 1584     | 1417     | 1275     | 1425     | 10.83  | cps   |
| Tin        | 118-1 | 9987     | 10146    | 10613    | 10249    | 3.17   | cps   |
| Titanium   | 47-1  | 858      | 933      | 992      | 928      | 7.20   | cps   |
| Uranium    | 238-1 | 216079   | 214706   | 218654   | 216480   | 0.93   | cps   |
| Vanadium   | 51-2  | 8579     | 8399     | 8266     | 8415     | 1.87   | cps   |
| Yttrium    | 89-1  | 11582722 | 11671299 | 11515448 | 11589823 | 0.67   | cps   |
| Yttrium    | 89-2  | 2149290  | 2170637  | 2171076  | 2163668  | 0.58   | cps   |
| Zinc       | 66-2  | 29099    | 29537    | 28969    | 29202    | 1.02   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-16            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0441-180411     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:17:54 | DataFile Name :   | 049SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2300 | 2200 | 2292 | 2264    | 2.45   | cps   |
| Zirconium | 91-1 | 525  | 600  | 550  | 558     | 6.84   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-18 Instrumnet Name : P7  
 Client Sample ID : LF012MW026-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:21:27 DataFile Name : 050SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1675     | 1600     | 1500     | 1592     | 5.52   | cps   |
| Antimony   | 121-1 | 7878     | 8703     | 8711     | 8431     | 5.68   | cps   |
| Arsenic    | 75-2  | 1576     | 1476     | 1498     | 1517     | 3.46   | cps   |
| Barium     | 135-1 | 186722   | 183902   | 188324   | 186316   | 1.20   | cps   |
| Barium     | 137-1 | 325333   | 322784   | 322742   | 323620   | 0.46   | cps   |
| Beryllium  | 9-1   | 100      | 117      | 122      | 113      | 10.24  | cps   |
| Bismuth    | 209-1 | 10562941 | 10553406 | 10567335 | 10561227 | 0.07   | cps   |
| Bismuth    | 209-2 | 5742233  | 5679805  | 5726366  | 5716135  | 0.57   | cps   |
| Boron      | 10-1  | 52325    | 51848    | 52216    | 52130    | 0.48   | cps   |
| Boron      | 11-1  | 260467   | 266456   | 264553   | 263825   | 1.16   | cps   |
| Cadmium    | 111-1 | 2405     | 2377     | 2698     | 2494     | 7.13   | cps   |
| Cadmium    | 106-1 | 3534     | 3234     | 3709     | 3492     | 6.88   | cps   |
| Cadmium    | 108-1 | 58       | 63       | 63       | 61       | 3.94   | cps   |
| Calcium    | 43-1  | 3634961  | 3672503  | 3636516  | 3647994  | 0.58   | cps   |
| Calcium    | 44-1  | 60029960 | 60474653 | 59571133 | 60025249 | 0.75   | cps   |
| Chromium   | 52-2  | 11094    | 11161    | 11375    | 11210    | 1.31   | cps   |
| Cobalt     | 59-2  | 10667    | 10707    | 10837    | 10737    | 0.83   | cps   |
| Copper     | 63-2  | 16146    | 16263    | 15308    | 15906    | 3.27   | cps   |
| Dysprosium | 156-1 | 125      | 92       | 100      | 106      | 16.44  | cps   |
| Dysprosium | 156-2 | 83       | 73       | 67       | 74       | 11.27  | cps   |
| Erbium     | 164-1 | 192      | 158      | 133      | 161      | 18.17  | cps   |
| Erbium     | 164-2 | 120      | 90       | 83       | 98       | 19.98  | cps   |
| Gadolinium | 160-1 | 208      | 183      | 167      | 186      | 11.27  | cps   |
| Gadolinium | 160-2 | 243      | 217      | 223      | 228      | 6.09   | cps   |
| Holmium    | 165-1 | 16382985 | 16308675 | 16403400 | 16365020 | 0.30   | cps   |
| Holmium    | 165-2 | 8683427  | 8591857  | 8683095  | 8652793  | 0.61   | cps   |
| Indium     | 115-1 | 11710219 | 11792467 | 11815125 | 11772604 | 0.47   | cps   |
| Indium     | 115-2 | 2760902  | 2754556  | 2764542  | 2760000  | 0.18   | cps   |
| Iron       | 56-2  | 16920430 | 16771605 | 16709841 | 16800625 | 0.64   | cps   |
| Iron       | 57-2  | 418121   | 416406   | 415602   | 416710   | 0.31   | cps   |
| Krypton    | 83-1  | 457      | 480      | 550      | 496      | 9.80   | cps   |
| Lead       | 206-1 | 2039     | 2256     | 1956     | 2084     | 7.43   | cps   |
| Lead       | 207-1 | 1934     | 1678     | 1678     | 1763     | 8.37   | cps   |
| Lead       | 208-1 | 8212     | 8451     | 7518     | 8060     | 6.02   | cps   |
| Lithium    | 6-1   | 1957426  | 1938552  | 1930059  | 1942012  | 0.72   | cps   |
| Magnesium  | 24-2  | 5697970  | 5645192  | 5661944  | 5668369  | 0.48   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW026-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:21:27 | DataFile Name :   | 050SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1434634  | 1434328  | 1434074  | 1434345  | 0.02   | cps   |
| Molybdenum | 94-1  | 12006    | 11430    | 11622    | 11686    | 2.51   | cps   |
| Molybdenum | 95-1  | 19673    | 20006    | 19289    | 19656    | 1.83   | cps   |
| Molybdenum | 96-1  | 20949    | 21542    | 20924    | 21139    | 1.65   | cps   |
| Molybdenum | 97-1  | 12765    | 12631    | 12297    | 12564    | 1.91   | cps   |
| Molybdenum | 98-1  | 31945    | 31661    | 32004    | 31870    | 0.57   | cps   |
| Neodymium  | 150-1 | 160      | 200      | 120      | 160      | 25.00  | cps   |
| Neodymium  | 150-2 | 87       | 53       | 47       | 62       | 34.44  | cps   |
| Nickel     | 60-2  | 56522    | 56177    | 56947    | 56549    | 0.68   | cps   |
| Phosphorus | 31-2  | 483      | 575      | 417      | 492      | 16.17  | cps   |
| Potassium  | 39-2  | 1212366  | 1194642  | 1201190  | 1202733  | 0.75   | cps   |
| Rhodium    | 103-1 | 10369772 | 10448717 | 10411187 | 10409892 | 0.38   | cps   |
| Rhodium    | 103-2 | 5810556  | 5744856  | 5768381  | 5774598  | 0.58   | cps   |
| Scandium   | 45-1  | 5744935  | 5730728  | 5668767  | 5714810  | 0.71   | cps   |
| Scandium   | 45-2  | 421571   | 420603   | 418524   | 420233   | 0.37   | cps   |
| Selenium   | 77-2  | 57       | 33       | 50       | 47       | 25.76  | cps   |
| Selenium   | 78-2  | 89       | 106      | 100      | 98       | 8.65   | cps   |
| Selenium   | 82-1  | 168      | 184      | 114      | 155      | 23.57  | cps   |
| Silicon    | 28-1  | 31721497 | 31652614 | 31619196 | 31664435 | 0.16   | cps   |
| Silver     | 109-1 | 2409     | 2584     | 2400     | 2464     | 4.20   | cps   |
| Silver     | 107-1 | 2750     | 2475     | 2767     | 2664     | 6.15   | cps   |
| Sodium     | 23-2  | 26387476 | 26021088 | 26066495 | 26158353 | 0.76   | cps   |
| Strontium  | 86-1  | 2103830  | 2119817  | 2100172  | 2107940  | 0.50   | cps   |
| Strontium  | 88-1  | 18902731 | 19080430 | 19077279 | 19020146 | 0.53   | cps   |
| Sulfur     | 34-1  | 2349461  | 2336878  | 2316450  | 2334263  | 0.71   | cps   |
| Terbium    | 159-1 | 16413162 | 16443576 | 16485581 | 16447440 | 0.22   | cps   |
| Terbium    | 159-2 | 8618452  | 8557796  | 8439756  | 8538668  | 1.06   | cps   |
| Thallium   | 203-1 | 408      | 317      | 417      | 381      | 14.58  | cps   |
| Thallium   | 205-1 | 1208     | 1175     | 825      | 1070     | 19.86  | cps   |
| Tin        | 118-1 | 10796    | 10946    | 11063    | 10935    | 1.22   | cps   |
| Titanium   | 47-1  | 875      | 833      | 825      | 845      | 3.17   | cps   |
| Uranium    | 238-1 | 115374   | 114012   | 113431   | 114272   | 0.87   | cps   |
| Vanadium   | 51-2  | 3717     | 3841     | 3781     | 3779     | 1.63   | cps   |
| Yttrium    | 89-1  | 11546953 | 11612092 | 11571481 | 11576842 | 0.28   | cps   |
| Yttrium    | 89-2  | 2147203  | 2147227  | 2149564  | 2147998  | 0.06   | cps   |
| Zinc       | 66-2  | 6198     | 6275     | 6355     | 6276     | 1.25   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW026-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:21:27 | DataFile Name :   | 050SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1900 | 1809 | 1825 | 1845    | 2.65   | cps   |
| Zirconium | 91-1 | 458  | 367  | 500  | 442     | 15.44  | cps   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-19 Instrumnet Name : P7  
 Client Sample ID : LF012MW147-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:25:01 DataFile Name : 051SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 358      | 392      | 383      | 378      | 4.59   | cps   |
| Antimony   | 121-1 | 8620     | 8761     | 9487     | 8956     | 5.19   | cps   |
| Arsenic    | 75-2  | 3391     | 3449     | 3313     | 3384     | 2.01   | cps   |
| Barium     | 135-1 | 344426   | 339496   | 343458   | 342460   | 0.76   | cps   |
| Barium     | 137-1 | 589511   | 590103   | 593176   | 590930   | 0.33   | cps   |
| Beryllium  | 9-1   | 122      | 106      | 144      | 124      | 15.72  | cps   |
| Bismuth    | 209-1 | 10411964 | 10491110 | 10570934 | 10491336 | 0.76   | cps   |
| Bismuth    | 209-2 | 5705001  | 5725794  | 5762167  | 5730987  | 0.50   | cps   |
| Boron      | 10-1  | 45002    | 44834    | 45411    | 45082    | 0.66   | cps   |
| Boron      | 11-1  | 226127   | 226851   | 230675   | 227885   | 1.07   | cps   |
| Cadmium    | 111-1 | 1576     | 1701     | 1762     | 1680     | 5.63   | cps   |
| Cadmium    | 106-1 | 2909     | 3134     | 3176     | 3073     | 4.67   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 38       | 24       | 50.93  | cps   |
| Calcium    | 43-1  | 3116319  | 3128365  | 3133439  | 3126041  | 0.28   | cps   |
| Calcium    | 44-1  | 51276973 | 51573136 | 51988223 | 51612777 | 0.69   | cps   |
| Chromium   | 52-2  | 5618     | 5745     | 5411     | 5591     | 3.01   | cps   |
| Cobalt     | 59-2  | 1523     | 1620     | 1630     | 1591     | 3.70   | cps   |
| Copper     | 63-2  | 13196    | 12746    | 13209    | 13050    | 2.02   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 75       | 61       | 20.83  | cps   |
| Dysprosium | 156-2 | 37       | 40       | 47       | 41       | 12.39  | cps   |
| Erbium     | 164-1 | 50       | 100      | 83       | 78       | 32.74  | cps   |
| Erbium     | 164-2 | 73       | 63       | 57       | 64       | 13.01  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 100      | 97       | 13.09  | cps   |
| Gadolinium | 160-2 | 203      | 183      | 187      | 191      | 5.61   | cps   |
| Holmium    | 165-1 | 16005652 | 16131674 | 16339922 | 16159083 | 1.04   | cps   |
| Holmium    | 165-2 | 8586846  | 8526231  | 8609424  | 8574167  | 0.50   | cps   |
| Indium     | 115-1 | 11574068 | 11525684 | 11678142 | 11592631 | 0.67   | cps   |
| Indium     | 115-2 | 2759309  | 2712826  | 2748892  | 2740342  | 0.89   | cps   |
| Iron       | 56-2  | 11332862 | 11296672 | 11314450 | 11314661 | 0.16   | cps   |
| Iron       | 57-2  | 285379   | 283137   | 285494   | 284670   | 0.47   | cps   |
| Krypton    | 83-1  | 483      | 517      | 483      | 494      | 3.89   | cps   |
| Lead       | 206-1 | 1745     | 1728     | 1800     | 1758     | 2.15   | cps   |
| Lead       | 207-1 | 1628     | 1606     | 1572     | 1602     | 1.75   | cps   |
| Lead       | 208-1 | 6840     | 7173     | 7234     | 7082     | 3.00   | cps   |
| Lithium    | 6-1   | 1847279  | 1811157  | 1808091  | 1822176  | 1.20   | cps   |
| Magnesium  | 24-2  | 5116624  | 5106542  | 5128407  | 5117191  | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-19            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW147-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:25:01 | DataFile Name :   | 051SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1923164  | 1929869  | 1934783  | 1929272  | 0.30   | cps   |
| Molybdenum | 94-1  | 2725     | 2609     | 2350     | 2561     | 7.49   | cps   |
| Molybdenum | 95-1  | 3067     | 3634     | 3267     | 3323     | 8.65   | cps   |
| Molybdenum | 96-1  | 3984     | 3709     | 3576     | 3756     | 5.55   | cps   |
| Molybdenum | 97-1  | 1984     | 2267     | 2009     | 2086     | 7.52   | cps   |
| Molybdenum | 98-1  | 5335     | 5368     | 5451     | 5385     | 1.12   | cps   |
| Neodymium  | 150-1 | 73       | 107      | 113      | 98       | 21.92  | cps   |
| Neodymium  | 150-2 | 30       | 37       | 23       | 30       | 22.23  | cps   |
| Nickel     | 60-2  | 1750     | 1920     | 1660     | 1777     | 7.43   | cps   |
| Phosphorus | 31-2  | 742      | 750      | 800      | 764      | 4.13   | cps   |
| Potassium  | 39-2  | 1550934  | 1551751  | 1555820  | 1552835  | 0.17   | cps   |
| Rhodium    | 103-1 | 10069596 | 10170710 | 10267103 | 10169136 | 0.97   | cps   |
| Rhodium    | 103-2 | 5742692  | 5705211  | 5780835  | 5742912  | 0.66   | cps   |
| Scandium   | 45-1  | 5536998  | 5552078  | 5578294  | 5555790  | 0.38   | cps   |
| Scandium   | 45-2  | 417792   | 418663   | 421911   | 419455   | 0.52   | cps   |
| Selenium   | 77-2  | 53       | 40       | 30       | 41       | 28.47  | cps   |
| Selenium   | 78-2  | 96       | 74       | 113      | 94       | 20.65  | cps   |
| Selenium   | 82-1  | 122      | 77       | 99       | 99       | 22.36  | cps   |
| Silicon    | 28-1  | 36693607 | 37046501 | 36733009 | 36824372 | 0.53   | cps   |
| Silver     | 109-1 | 2275     | 2275     | 2225     | 2259     | 1.28   | cps   |
| Silver     | 107-1 | 2550     | 2484     | 2500     | 2511     | 1.38   | cps   |
| Sodium     | 23-2  | 22603216 | 22749632 | 22786643 | 22713164 | 0.43   | cps   |
| Strontium  | 86-1  | 2019922  | 2042713  | 2032171  | 2031602  | 0.56   | cps   |
| Strontium  | 88-1  | 18184280 | 18227927 | 18343072 | 18251760 | 0.45   | cps   |
| Sulfur     | 34-1  | 1307478  | 1315916  | 1307518  | 1310304  | 0.37   | cps   |
| Terbium    | 159-1 | 16283001 | 16357491 | 16590389 | 16410294 | 0.98   | cps   |
| Terbium    | 159-2 | 8530762  | 8453095  | 8516828  | 8500228  | 0.49   | cps   |
| Thallium   | 203-1 | 358      | 383      | 183      | 308      | 35.34  | cps   |
| Thallium   | 205-1 | 950      | 608      | 683      | 747      | 24.03  | cps   |
| Tin        | 118-1 | 9979     | 10788    | 10346    | 10371    | 3.91   | cps   |
| Titanium   | 47-1  | 908      | 783      | 1025     | 906      | 13.35  | cps   |
| Uranium    | 238-1 | 11739    | 11606    | 12073    | 11806    | 2.04   | cps   |
| Vanadium   | 51-2  | 3264     | 3010     | 3170     | 3148     | 4.07   | cps   |
| Yttrium    | 89-1  | 11324388 | 11387887 | 11491479 | 11401251 | 0.74   | cps   |
| Yttrium    | 89-2  | 2152309  | 2125636  | 2170317  | 2149420  | 1.05   | cps   |
| Zinc       | 66-2  | 1390     | 1417     | 1367     | 1391     | 1.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-19            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW147-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:25:01 | DataFile Name :   | 051SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1717 | 1767 | 1675 | 1720    | 2.67   | cps   |
| Zirconium | 91-1 | 408  | 342  | 325  | 358     | 12.31  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-20            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW201-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:28:35 | DataFile Name :   | 052SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 975       | 1317      | 858       | 1050      | 22.70  | cps   |
| Antimony   | 121-1 | 9303      | 8945      | 9120      | 9123      | 1.97   | cps   |
| Arsenic    | 75-2  | 352       | 376       | 319       | 349       | 8.26   | cps   |
| Barium     | 135-1 | 59252     | 59344     | 59713     | 59436     | 0.41   | cps   |
| Barium     | 137-1 | 104837    | 103652    | 102962    | 103817    | 0.91   | cps   |
| Beryllium  | 9-1   | 111       | 89        | 56        | 85        | 32.82  | cps   |
| Bismuth    | 209-1 | 9879966   | 9926869   | 9877273   | 9894703   | 0.28   | cps   |
| Bismuth    | 209-2 | 5432385   | 5413435   | 5332708   | 5392843   | 0.98   | cps   |
| Boron      | 10-1  | 500096    | 506991    | 512204    | 506431    | 1.20   | cps   |
| Boron      | 11-1  | 2559782   | 2611714   | 2582368   | 2584621   | 1.01   | cps   |
| Cadmium    | 111-1 | 1800      | 1638      | 1792      | 1743      | 5.22   | cps   |
| Cadmium    | 106-1 | 3234      | 3017      | 3267      | 3173      | 4.28   | cps   |
| Cadmium    | 108-1 | 13        | 29        | 13        | 18        | 53.30  | cps   |
| Calcium    | 43-1  | 6119751   | 6131490   | 6103344   | 6118195   | 0.23   | cps   |
| Calcium    | 44-1  | 100520625 | 100878342 | 101191902 | 100863623 | 0.33   | cps   |
| Chromium   | 52-2  | 3777      | 3797      | 3744      | 3773      | 0.71   | cps   |
| Cobalt     | 59-2  | 2830      | 2797      | 2864      | 2830      | 1.18   | cps   |
| Copper     | 63-2  | 16583     | 16893     | 16553     | 16676     | 1.13   | cps   |
| Dysprosium | 156-1 | 308       | 358       | 383       | 350       | 10.91  | cps   |
| Dysprosium | 156-2 | 190       | 203       | 177       | 190       | 7.02   | cps   |
| Erbium     | 164-1 | 367       | 442       | 383       | 397       | 9.91   | cps   |
| Erbium     | 164-2 | 227       | 247       | 273       | 249       | 9.41   | cps   |
| Gadolinium | 160-1 | 408       | 325       | 375       | 369       | 11.35  | cps   |
| Gadolinium | 160-2 | 300       | 357       | 433       | 363       | 18.42  | cps   |
| Holmium    | 165-1 | 15893015  | 15918427  | 16102834  | 15971425  | 0.72   | cps   |
| Holmium    | 165-2 | 8604667   | 8476109   | 8326875   | 8469217   | 1.64   | cps   |
| Indium     | 115-1 | 11212383  | 11274627  | 11264751  | 11250587  | 0.30   | cps   |
| Indium     | 115-2 | 2681282   | 2664359   | 2608908   | 2651516   | 1.43   | cps   |
| Iron       | 56-2  | 264428    | 260042    | 258373    | 260947    | 1.20   | cps   |
| Iron       | 57-2  | 36902     | 36953     | 37376     | 37077     | 0.70   | cps   |
| Krypton    | 83-1  | 543       | 530       | 530       | 534       | 1.44   | cps   |
| Lead       | 206-1 | 1672      | 1567      | 1706      | 1648      | 4.40   | cps   |
| Lead       | 207-1 | 1345      | 1595      | 1500      | 1480      | 8.53   | cps   |
| Lead       | 208-1 | 6456      | 6706      | 6957      | 6706      | 3.73   | cps   |
| Lithium    | 6-1   | 1872528   | 1892867   | 1861485   | 1875627   | 0.85   | cps   |
| Magnesium  | 24-2  | 55900930  | 55704266  | 55192420  | 55599205  | 0.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-20            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW201-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:28:35 | DataFile Name :   | 052SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 143687    | 143249    | 142250    | 143062    | 0.51   | cps   |
| Molybdenum | 94-1  | 3159      | 3192      | 3209      | 3187      | 0.80   | cps   |
| Molybdenum | 95-1  | 4359      | 4176      | 3976      | 4170      | 4.60   | cps   |
| Molybdenum | 96-1  | 4509      | 4993      | 4701      | 4734      | 5.14   | cps   |
| Molybdenum | 97-1  | 3000      | 2850      | 2609      | 2820      | 7.01   | cps   |
| Molybdenum | 98-1  | 6902      | 7035      | 6744      | 6894      | 2.12   | cps   |
| Neodymium  | 150-1 | 460       | 367       | 280       | 369       | 24.40  | cps   |
| Neodymium  | 150-2 | 203       | 143       | 173       | 173       | 17.31  | cps   |
| Nickel     | 60-2  | 2617      | 2580      | 2670      | 2623      | 1.73   | cps   |
| Phosphorus | 31-2  | 500       | 517       | 575       | 531       | 7.42   | cps   |
| Potassium  | 39-2  | 3410116   | 3402540   | 3353687   | 3388781   | 0.90   | cps   |
| Rhodium    | 103-1 | 9738841   | 9826426   | 9798483   | 9787917   | 0.46   | cps   |
| Rhodium    | 103-2 | 5496862   | 5472464   | 5417696   | 5462341   | 0.74   | cps   |
| Scandium   | 45-1  | 5610457   | 5558322   | 5608058   | 5592279   | 0.53   | cps   |
| Scandium   | 45-2  | 424794    | 423731    | 413268    | 420598    | 1.51   | cps   |
| Selenium   | 77-2  | 73        | 83        | 60        | 72        | 16.21  | cps   |
| Selenium   | 78-2  | 111       | 144       | 137       | 131       | 13.38  | cps   |
| Selenium   | 82-1  | 285       | 324       | 275       | 295       | 8.85   | cps   |
| Silicon    | 28-1  | 44254043  | 44275627  | 44424238  | 44317969  | 0.21   | cps   |
| Silver     | 109-1 | 2009      | 1917      | 2109      | 2011      | 4.77   | cps   |
| Silver     | 107-1 | 2150      | 2442      | 2450      | 2348      | 7.28   | cps   |
| Sodium     | 23-2  | 136180561 | 135690307 | 133097340 | 134989403 | 1.23   | cps   |
| Strontium  | 86-1  | 13492880  | 13854002  | 13645496  | 13664126  | 1.33   | cps   |
| Strontium  | 88-1  | 120932065 | 121860649 | 120783907 | 121192207 | 0.48   | cps   |
| Sulfur     | 34-1  | 10564470  | 10639949  | 10650134  | 10618185  | 0.44   | cps   |
| Terbium    | 159-1 | 16155379  | 16058090  | 16146121  | 16119863  | 0.33   | cps   |
| Terbium    | 159-2 | 8519149   | 8376391   | 8295954   | 8397165   | 1.35   | cps   |
| Thallium   | 203-1 | 350       | 358       | 275       | 328       | 14.00  | cps   |
| Thallium   | 205-1 | 858       | 842       | 750       | 817       | 7.14   | cps   |
| Tin        | 118-1 | 10021     | 10196     | 10363     | 10193     | 1.68   | cps   |
| Titanium   | 47-1  | 1125      | 1392      | 1217      | 1245      | 10.89  | cps   |
| Uranium    | 238-1 | 1024650   | 1029217   | 1034840   | 1029569   | 0.50   | cps   |
| Vanadium   | 51-2  | 7242      | 7142      | 7259      | 7214      | 0.87   | cps   |
| Yttrium    | 89-1  | 11325626  | 11276810  | 11264402  | 11288946  | 0.29   | cps   |
| Yttrium    | 89-2  | 2155834   | 2132608   | 2108623   | 2132355   | 1.11   | cps   |
| Zinc       | 66-2  | 4154      | 4444      | 4167      | 4255      | 3.85   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-20            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW201-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:28:35 | DataFile Name :   | 052SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2525 | 2375 | 2584 | 2495    | 4.31   | cps   |
| Zirconium | 91-1 | 608  | 567  | 575  | 583     | 3.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2942     | 3276     | 2767     | 2995     | 8.63   | cps   |
| Antimony   | 121-1 | 10146    | 10329    | 11247    | 10574    | 5.58   | cps   |
| Arsenic    | 75-2  | 1828     | 1919     | 1858     | 1868     | 2.48   | cps   |
| Barium     | 135-1 | 460851   | 467372   | 468665   | 465629   | 0.90   | cps   |
| Barium     | 137-1 | 811467   | 811042   | 827299   | 816603   | 1.13   | cps   |
| Beryllium  | 9-1   | 100      | 111      | 117      | 109      | 7.77   | cps   |
| Bismuth    | 209-1 | 10500416 | 10495278 | 10599356 | 10531683 | 0.56   | cps   |
| Bismuth    | 209-2 | 5770464  | 5824038  | 5801351  | 5798618  | 0.46   | cps   |
| Boron      | 10-1  | 43020    | 41040    | 42870    | 42310    | 2.61   | cps   |
| Boron      | 11-1  | 213418   | 211005   | 209299   | 211241   | 0.98   | cps   |
| Cadmium    | 111-1 | 1633     | 1742     | 1697     | 1691     | 3.22   | cps   |
| Cadmium    | 106-1 | 3184     | 3376     | 3334     | 3298     | 3.06   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 17       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 2641053  | 2660205  | 2680059  | 2660439  | 0.73   | cps   |
| Calcium    | 44-1  | 43768074 | 44038455 | 44158050 | 43988193 | 0.45   | cps   |
| Chromium   | 52-2  | 3744     | 3661     | 3697     | 3701     | 1.13   | cps   |
| Cobalt     | 59-2  | 1897     | 1857     | 1970     | 1908     | 3.01   | cps   |
| Copper     | 63-2  | 16149    | 15879    | 15375    | 15801    | 2.49   | cps   |
| Dysprosium | 156-1 | 75       | 167      | 142      | 128      | 37.08  | cps   |
| Dysprosium | 156-2 | 53       | 63       | 63       | 60       | 9.62   | cps   |
| Erbium     | 164-1 | 192      | 133      | 200      | 175      | 20.76  | cps   |
| Erbium     | 164-2 | 70       | 73       | 63       | 69       | 7.39   | cps   |
| Gadolinium | 160-1 | 192      | 150      | 158      | 167      | 13.23  | cps   |
| Gadolinium | 160-2 | 260      | 203      | 200      | 221      | 15.25  | cps   |
| Holmium    | 165-1 | 16095809 | 16184973 | 16208819 | 16163200 | 0.37   | cps   |
| Holmium    | 165-2 | 8702379  | 8700013  | 8659327  | 8687240  | 0.28   | cps   |
| Indium     | 115-1 | 11638946 | 11672772 | 11682492 | 11664736 | 0.20   | cps   |
| Indium     | 115-2 | 2791598  | 2806595  | 2778185  | 2792126  | 0.51   | cps   |
| Iron       | 56-2  | 11661757 | 11727588 | 11564200 | 11651181 | 0.71   | cps   |
| Iron       | 57-2  | 291122   | 288996   | 291782   | 290633   | 0.50   | cps   |
| Krypton    | 83-1  | 507      | 413      | 540      | 487      | 13.49  | cps   |
| Lead       | 206-1 | 2423     | 2206     | 2245     | 2291     | 5.04   | cps   |
| Lead       | 207-1 | 1817     | 1850     | 1972     | 1880     | 4.36   | cps   |
| Lead       | 208-1 | 8846     | 8818     | 9479     | 9048     | 4.13   | cps   |
| Lithium    | 6-1   | 1664151  | 1624540  | 1600291  | 1629661  | 1.98   | cps   |
| Magnesium  | 24-2  | 4165302  | 4166423  | 4108810  | 4146845  | 0.79   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 576358   | 581138   | 572877   | 576791   | 0.72   | cps   |
| Molybdenum | 94-1  | 4484     | 4859     | 4718     | 4687     | 4.04   | cps   |
| Molybdenum | 95-1  | 6694     | 7527     | 6819     | 7013     | 6.41   | cps   |
| Molybdenum | 96-1  | 7227     | 7519     | 7302     | 7349     | 2.06   | cps   |
| Molybdenum | 97-1  | 4626     | 4576     | 4493     | 4565     | 1.48   | cps   |
| Molybdenum | 98-1  | 10588    | 10988    | 10704    | 10760    | 1.91   | cps   |
| Neodymium  | 150-1 | 153      | 227      | 207      | 196      | 19.39  | cps   |
| Neodymium  | 150-2 | 57       | 80       | 43       | 60       | 30.93  | cps   |
| Nickel     | 60-2  | 2997     | 2934     | 3054     | 2995     | 2.01   | cps   |
| Phosphorus | 31-2  | 600      | 675      | 742      | 672      | 10.54  | cps   |
| Potassium  | 39-2  | 1948674  | 1952299  | 1915315  | 1938762  | 1.05   | cps   |
| Rhodium    | 103-1 | 10211074 | 10310434 | 10250239 | 10257249 | 0.49   | cps   |
| Rhodium    | 103-2 | 5853558  | 5962184  | 5916099  | 5910614  | 0.92   | cps   |
| Scandium   | 45-1  | 5626486  | 5595873  | 5580542  | 5600967  | 0.42   | cps   |
| Scandium   | 45-2  | 433455   | 432180   | 428340   | 431325   | 0.62   | cps   |
| Selenium   | 77-2  | 53       | 40       | 53       | 49       | 15.74  | cps   |
| Selenium   | 78-2  | 96       | 122      | 106      | 108      | 12.16  | cps   |
| Selenium   | 82-1  | 144      | 269      | 113      | 175      | 47.18  | cps   |
| Silicon    | 28-1  | 29661641 | 29428440 | 29697942 | 29596008 | 0.49   | cps   |
| Silver     | 109-1 | 2442     | 2575     | 2117     | 2378     | 9.92   | cps   |
| Silver     | 107-1 | 2584     | 2334     | 2117     | 2345     | 9.96   | cps   |
| Sodium     | 23-2  | 16083877 | 16026732 | 15869795 | 15993468 | 0.69   | cps   |
| Strontium  | 86-1  | 1675363  | 1676192  | 1687541  | 1679699  | 0.41   | cps   |
| Strontium  | 88-1  | 15007655 | 15009386 | 15268314 | 15095119 | 0.99   | cps   |
| Sulfur     | 34-1  | 915662   | 910312   | 903154   | 909709   | 0.69   | cps   |
| Terbium    | 159-1 | 16334628 | 16412903 | 16453269 | 16400267 | 0.37   | cps   |
| Terbium    | 159-2 | 8652775  | 8638950  | 8530854  | 8607526  | 0.78   | cps   |
| Thallium   | 203-1 | 300      | 250      | 325      | 292      | 13.09  | cps   |
| Thallium   | 205-1 | 642      | 617      | 483      | 581      | 14.66  | cps   |
| Tin        | 118-1 | 9587     | 10388    | 10696    | 10224    | 5.60   | cps   |
| Titanium   | 47-1  | 1133     | 1083     | 1058     | 1092     | 3.50   | cps   |
| Uranium    | 238-1 | 47865    | 46945    | 46845    | 47219    | 1.19   | cps   |
| Vanadium   | 51-2  | 5351     | 5201     | 4841     | 5131     | 5.11   | cps   |
| Yttrium    | 89-1  | 11458408 | 11394159 | 11446425 | 11432997 | 0.30   | cps   |
| Yttrium    | 89-2  | 2183849  | 2202204  | 2190891  | 2192315  | 0.42   | cps   |
| Zinc       | 66-2  | 15045    | 14871    | 14938    | 14951    | 0.59   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-21            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012OW009-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:32:11 | DataFile Name :   | 053SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1975 | 1934 | 1884 | 1931    | 2.38   | cps   |
| Zirconium | 91-1 | 450  | 442  | 550  | 481     | 12.54  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10913    | 11047    | 10629    | 10863    | 1.96   | cps   |
| Antimony   | 121-1 | 12047    | 12389    | 12431    | 12289    | 1.71   | cps   |
| Arsenic    | 75-2  | 1980     | 1989     | 2059     | 2009     | 2.17   | cps   |
| Barium     | 135-1 | 282145   | 282952   | 286020   | 283706   | 0.72   | cps   |
| Barium     | 137-1 | 492832   | 487171   | 491144   | 490382   | 0.59   | cps   |
| Beryllium  | 9-1   | 139      | 111      | 122      | 124      | 11.27  | cps   |
| Bismuth    | 209-1 | 10353866 | 10423879 | 10546934 | 10441560 | 0.94   | cps   |
| Bismuth    | 209-2 | 5691951  | 5718908  | 5680624  | 5697161  | 0.35   | cps   |
| Boron      | 10-1  | 24312    | 24587    | 24187    | 24362    | 0.84   | cps   |
| Boron      | 11-1  | 123879   | 122579   | 120796   | 122418   | 1.26   | cps   |
| Cadmium    | 111-1 | 1754     | 1776     | 1698     | 1743     | 2.30   | cps   |
| Cadmium    | 106-1 | 3276     | 3251     | 3192     | 3239     | 1.32   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 21       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 2598929  | 2622413  | 2620913  | 2614085  | 0.50   | cps   |
| Calcium    | 44-1  | 43041267 | 43458684 | 43321793 | 43273915 | 0.49   | cps   |
| Chromium   | 52-2  | 6258     | 6608     | 6191     | 6353     | 3.52   | cps   |
| Cobalt     | 59-2  | 3874     | 3897     | 4101     | 3957     | 3.15   | cps   |
| Copper     | 63-2  | 20428    | 20364    | 20041    | 20278    | 1.02   | cps   |
| Dysprosium | 156-1 | 267      | 225      | 325      | 272      | 18.45  | cps   |
| Dysprosium | 156-2 | 150      | 147      | 120      | 139      | 11.84  | cps   |
| Erbium     | 164-1 | 317      | 292      | 325      | 311      | 5.57   | cps   |
| Erbium     | 164-2 | 170      | 117      | 143      | 143      | 18.60  | cps   |
| Gadolinium | 160-1 | 233      | 350      | 383      | 322      | 24.44  | cps   |
| Gadolinium | 160-2 | 290      | 273      | 350      | 304      | 13.24  | cps   |
| Holmium    | 165-1 | 16107787 | 16151967 | 16175467 | 16145073 | 0.21   | cps   |
| Holmium    | 165-2 | 8624368  | 8462210  | 8551760  | 8546113  | 0.95   | cps   |
| Indium     | 115-1 | 11625207 | 11644802 | 11820374 | 11696794 | 0.92   | cps   |
| Indium     | 115-2 | 2766673  | 2742724  | 2775716  | 2761704  | 0.62   | cps   |
| Iron       | 56-2  | 2724631  | 2699521  | 2704689  | 2709614  | 0.49   | cps   |
| Iron       | 57-2  | 81107    | 78912    | 80777    | 80265    | 1.47   | cps   |
| Krypton    | 83-1  | 450      | 503      | 457      | 470      | 6.18   | cps   |
| Lead       | 206-1 | 3895     | 3623     | 3539     | 3686     | 5.05   | cps   |
| Lead       | 207-1 | 2823     | 2884     | 3078     | 2928     | 4.56   | cps   |
| Lead       | 208-1 | 14465    | 14120    | 14192    | 14259    | 1.27   | cps   |
| Lithium    | 6-1   | 1687523  | 1661105  | 1649410  | 1666013  | 1.17   | cps   |
| Magnesium  | 24-2  | 2639042  | 2620238  | 2619478  | 2626253  | 0.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 504296   | 499147   | 502285   | 501910   | 0.52   | cps   |
| Molybdenum | 94-1  | 3884     | 4184     | 3859     | 3976     | 4.55   | cps   |
| Molybdenum | 95-1  | 5535     | 5410     | 5168     | 5371     | 3.47   | cps   |
| Molybdenum | 96-1  | 5793     | 6202     | 6010     | 6002     | 3.41   | cps   |
| Molybdenum | 97-1  | 3317     | 3334     | 3467     | 3373     | 2.44   | cps   |
| Molybdenum | 98-1  | 8311     | 8811     | 8645     | 8589     | 2.97   | cps   |
| Neodymium  | 150-1 | 407      | 473      | 433      | 438      | 7.66   | cps   |
| Neodymium  | 150-2 | 210      | 127      | 207      | 181      | 26.05  | cps   |
| Nickel     | 60-2  | 3150     | 3300     | 3344     | 3265     | 3.11   | cps   |
| Phosphorus | 31-2  | 875      | 1033     | 875      | 928      | 9.85   | cps   |
| Potassium  | 39-2  | 2439233  | 2408729  | 2421753  | 2423238  | 0.63   | cps   |
| Rhodium    | 103-1 | 10269139 | 10284628 | 10330150 | 10294639 | 0.31   | cps   |
| Rhodium    | 103-2 | 5798517  | 5823312  | 5839959  | 5820596  | 0.36   | cps   |
| Scandium   | 45-1  | 5594775  | 5567043  | 5567187  | 5576335  | 0.29   | cps   |
| Scandium   | 45-2  | 426643   | 421119   | 425852   | 424538   | 0.70   | cps   |
| Selenium   | 77-2  | 43       | 63       | 40       | 49       | 25.81  | cps   |
| Selenium   | 78-2  | 119      | 141      | 98       | 119      | 17.88  | cps   |
| Selenium   | 82-1  | 285      | 300      | 351      | 312      | 11.08  | cps   |
| Silicon    | 28-1  | 21290667 | 21017141 | 21057788 | 21121865 | 0.70   | cps   |
| Silver     | 109-1 | 2117     | 2584     | 2184     | 2295     | 11.00  | cps   |
| Silver     | 107-1 | 2367     | 2275     | 2159     | 2267     | 4.61   | cps   |
| Sodium     | 23-2  | 24004267 | 23822328 | 23667423 | 23831339 | 0.71   | cps   |
| Strontium  | 86-1  | 1007737  | 1008924  | 1009510  | 1008724  | 0.09   | cps   |
| Strontium  | 88-1  | 9137014  | 9143770  | 9167768  | 9149517  | 0.18   | cps   |
| Sulfur     | 34-1  | 912854   | 914884   | 899893   | 909211   | 0.89   | cps   |
| Terbium    | 159-1 | 16278023 | 16402795 | 16318966 | 16333261 | 0.39   | cps   |
| Terbium    | 159-2 | 8492347  | 8454341  | 8474298  | 8473662  | 0.22   | cps   |
| Thallium   | 203-1 | 317      | 350      | 242      | 303      | 18.33  | cps   |
| Thallium   | 205-1 | 642      | 725      | 667      | 678      | 6.31   | cps   |
| Tin        | 118-1 | 10271    | 10429    | 10971    | 10557    | 3.48   | cps   |
| Titanium   | 47-1  | 2176     | 2234     | 1842     | 2084     | 10.15  | cps   |
| Uranium    | 238-1 | 30705    | 29719    | 31674    | 30699    | 3.18   | cps   |
| Vanadium   | 51-2  | 6015     | 5875     | 6098     | 5996     | 1.88   | cps   |
| Yttrium    | 89-1  | 11446699 | 11432341 | 11471837 | 11450292 | 0.17   | cps   |
| Yttrium    | 89-2  | 2164012  | 2144850  | 2151820  | 2153561  | 0.45   | cps   |
| Zinc       | 66-2  | 6028     | 5261     | 5464     | 5584     | 7.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-22            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW042-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:35:45 | DataFile Name :   | 054SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2742 | 3492 | 3034 | 3089    | 12.24  | cps   |
| Zirconium | 91-1 | 625  | 633  | 617  | 625     | 1.33   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:39:18 | DataFile Name :   | 055SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1867     | 1825     | 1809     | 1834     | 1.64   | cps   |
| Antimony   | 121-1 | 9270     | 9095     | 9987     | 9451     | 5.00   | cps   |
| Arsenic    | 75-2  | 8017     | 8006     | 7958     | 7994     | 0.39   | cps   |
| Barium     | 135-1 | 553214   | 553015   | 557666   | 554632   | 0.47   | cps   |
| Barium     | 137-1 | 969198   | 967126   | 971273   | 969199   | 0.21   | cps   |
| Beryllium  | 9-1   | 144      | 122      | 111      | 126      | 13.48  | cps   |
| Bismuth    | 209-1 | 10201420 | 10561766 | 10515494 | 10426227 | 1.88   | cps   |
| Bismuth    | 209-2 | 5587560  | 5682107  | 5701882  | 5657183  | 1.08   | cps   |
| Boron      | 10-1  | 45988    | 46690    | 47567    | 46748    | 1.69   | cps   |
| Boron      | 11-1  | 229106   | 234789   | 236945   | 233613   | 1.73   | cps   |
| Cadmium    | 111-1 | 1743     | 1698     | 1719     | 1720     | 1.31   | cps   |
| Cadmium    | 106-1 | 3267     | 3251     | 3326     | 3281     | 1.20   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 33       | 19       | 75.24  | cps   |
| Calcium    | 43-1  | 3446465  | 3400933  | 3422540  | 3423313  | 0.67   | cps   |
| Calcium    | 44-1  | 56286762 | 56225524 | 56316512 | 56276266 | 0.08   | cps   |
| Chromium   | 52-2  | 7449     | 7219     | 7242     | 7303     | 1.73   | cps   |
| Cobalt     | 59-2  | 3864     | 3974     | 4084     | 3974     | 2.77   | cps   |
| Copper     | 63-2  | 13873    | 13623    | 13613    | 13703    | 1.08   | cps   |
| Dysprosium | 156-1 | 100      | 50       | 83       | 78       | 32.73  | cps   |
| Dysprosium | 156-2 | 43       | 50       | 30       | 41       | 24.77  | cps   |
| Erbium     | 164-1 | 158      | 133      | 125      | 139      | 12.49  | cps   |
| Erbium     | 164-2 | 50       | 47       | 70       | 56       | 22.71  | cps   |
| Gadolinium | 160-1 | 133      | 133      | 158      | 142      | 10.19  | cps   |
| Gadolinium | 160-2 | 153      | 160      | 163      | 159      | 3.20   | cps   |
| Holmium    | 165-1 | 15729511 | 16092008 | 16258880 | 16026799 | 1.69   | cps   |
| Holmium    | 165-2 | 8563966  | 8518464  | 8602590  | 8561673  | 0.49   | cps   |
| Indium     | 115-1 | 11277090 | 11503156 | 11627464 | 11469237 | 1.55   | cps   |
| Indium     | 115-2 | 2701195  | 2691962  | 2692862  | 2695340  | 0.19   | cps   |
| Iron       | 56-2  | 33526785 | 33412072 | 33281926 | 33406927 | 0.37   | cps   |
| Iron       | 57-2  | 817168   | 814914   | 817768   | 816617   | 0.18   | cps   |
| Krypton    | 83-1  | 567      | 580      | 473      | 540      | 10.76  | cps   |
| Lead       | 206-1 | 3217     | 3250     | 3145     | 3204     | 1.68   | cps   |
| Lead       | 207-1 | 2428     | 2756     | 2795     | 2660     | 7.57   | cps   |
| Lead       | 208-1 | 12097    | 12308    | 12391    | 12265    | 1.24   | cps   |
| Lithium    | 6-1   | 1716968  | 1721199  | 1728987  | 1722385  | 0.35   | cps   |
| Magnesium  | 24-2  | 4824168  | 4791308  | 4760056  | 4791844  | 0.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:39:18 | DataFile Name :   | 055SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2422292  | 2411757  | 2425234  | 2419761  | 0.29   | cps   |
| Molybdenum | 94-1  | 3542     | 3201     | 3634     | 3459     | 6.60   | cps   |
| Molybdenum | 95-1  | 5535     | 4893     | 5518     | 5315     | 6.88   | cps   |
| Molybdenum | 96-1  | 5460     | 6185     | 5543     | 5729     | 6.93   | cps   |
| Molybdenum | 97-1  | 3509     | 3284     | 3217     | 3337     | 4.58   | cps   |
| Molybdenum | 98-1  | 8419     | 8403     | 7986     | 8269     | 2.97   | cps   |
| Neodymium  | 150-1 | 167      | 133      | 127      | 142      | 15.07  | cps   |
| Neodymium  | 150-2 | 33       | 47       | 37       | 39       | 17.85  | cps   |
| Nickel     | 60-2  | 1940     | 1994     | 1890     | 1941     | 2.66   | cps   |
| Phosphorus | 31-2  | 483      | 592      | 558      | 544      | 10.19  | cps   |
| Potassium  | 39-2  | 1899632  | 1879519  | 1884035  | 1887728  | 0.56   | cps   |
| Rhodium    | 103-1 | 9897595  | 10094600 | 10210706 | 10067634 | 1.57   | cps   |
| Rhodium    | 103-2 | 5736096  | 5715691  | 5717530  | 5723106  | 0.20   | cps   |
| Scandium   | 45-1  | 5343084  | 5453351  | 5465300  | 5420578  | 1.24   | cps   |
| Scandium   | 45-2  | 407499   | 406798   | 406614   | 406970   | 0.11   | cps   |
| Selenium   | 77-2  | 70       | 43       | 40       | 51       | 32.17  | cps   |
| Selenium   | 78-2  | 91       | 117      | 70       | 93       | 25.06  | cps   |
| Selenium   | 82-1  | 112      | 93       | 181      | 129      | 35.97  | cps   |
| Silicon    | 28-1  | 38521001 | 38203898 | 38121205 | 38282035 | 0.55   | cps   |
| Silver     | 109-1 | 1892     | 2017     | 1992     | 1967     | 3.36   | cps   |
| Silver     | 107-1 | 2450     | 2417     | 2367     | 2411     | 1.74   | cps   |
| Sodium     | 23-2  | 21368614 | 21232399 | 21108218 | 21236410 | 0.61   | cps   |
| Strontium  | 86-1  | 1985050  | 1987745  | 2020284  | 1997693  | 0.98   | cps   |
| Strontium  | 88-1  | 17852546 | 17892518 | 18033398 | 17926154 | 0.53   | cps   |
| Sulfur     | 34-1  | 1252632  | 1230957  | 1232074  | 1238554  | 0.99   | cps   |
| Terbium    | 159-1 | 15812130 | 16250704 | 16465184 | 16176006 | 2.06   | cps   |
| Terbium    | 159-2 | 8506230  | 8500752  | 8460904  | 8489295  | 0.29   | cps   |
| Thallium   | 203-1 | 275      | 242      | 200      | 239      | 15.73  | cps   |
| Thallium   | 205-1 | 550      | 450      | 500      | 500      | 10.00  | cps   |
| Tin        | 118-1 | 10996    | 10563    | 11122    | 10894    | 2.69   | cps   |
| Titanium   | 47-1  | 1058     | 1083     | 1025     | 1056     | 2.77   | cps   |
| Uranium    | 238-1 | 6043     | 6485     | 6560     | 6363     | 4.39   | cps   |
| Vanadium   | 51-2  | 2790     | 2840     | 2547     | 2726     | 5.76   | cps   |
| Yttrium    | 89-1  | 11036939 | 11188302 | 11372342 | 11199194 | 1.50   | cps   |
| Yttrium    | 89-2  | 2098254  | 2097934  | 2103139  | 2099776  | 0.14   | cps   |
| Zinc       | 66-2  | 2874     | 2950     | 2900     | 2908     | 1.34   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:39:18 | DataFile Name :   | 055SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1533 | 1542 | 1617 | 1564    | 2.93   | cps   |
| Zirconium | 91-1 | 325  | 392  | 492  | 403     | 20.83  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCV91 Instrumnet Name : P7  
 Client Sample ID : CCV91 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:44:05 DataFile Name : 056CCV\_P7042318- MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5949118   | 5924734   | 5942107   | 5938653   | 0.21   | cps   |
| Antimony   | 121-1 | 4863169   | 4902811   | 4892289   | 4886090   | 0.42   | cps   |
| Arsenic    | 75-2  | 210866    | 211312    | 208647    | 210275    | 0.68   | cps   |
| Barium     | 135-1 | 5770846   | 5817016   | 5838564   | 5808809   | 0.60   | cps   |
| Barium     | 137-1 | 10159811  | 10184302  | 10134965  | 10159693  | 0.24   | cps   |
| Beryllium  | 9-1   | 681363    | 695925    | 694706    | 690665    | 1.17   | cps   |
| Bismuth    | 209-1 | 10649723  | 10622401  | 10671442  | 10647855  | 0.23   | cps   |
| Bismuth    | 209-2 | 5817806   | 5788269   | 5769641   | 5791905   | 0.42   | cps   |
| Boron      | 10-1  | 83631     | 83699     | 86891     | 84740     | 2.20   | cps   |
| Boron      | 11-1  | 408740    | 413169    | 422456    | 414788    | 1.69   | cps   |
| Cadmium    | 111-1 | 1094636   | 1101178   | 1088548   | 1094787   | 0.58   | cps   |
| Cadmium    | 106-1 | 124601    | 121333    | 122972    | 122969    | 1.33   | cps   |
| Cadmium    | 108-1 | 82547     | 81453     | 83247     | 82416     | 1.10   | cps   |
| Calcium    | 43-1  | 5605057   | 5718520   | 5700302   | 5674626   | 1.07   | cps   |
| Calcium    | 44-1  | 92467612  | 93232413  | 93295383  | 92998469  | 0.50   | cps   |
| Chromium   | 52-2  | 1816975   | 1810764   | 1799268   | 1809002   | 0.50   | cps   |
| Cobalt     | 59-2  | 2691543   | 2679435   | 2661370   | 2677450   | 0.57   | cps   |
| Copper     | 63-2  | 3679300   | 3667100   | 3623156   | 3656519   | 0.81   | cps   |
| Dysprosium | 156-1 | 100       | 125       | 83        | 103       | 20.40  | cps   |
| Dysprosium | 156-2 | 90        | 97        | 67        | 84        | 18.65  | cps   |
| Erbium     | 164-1 | 67        | 75        | 67        | 69        | 6.93   | cps   |
| Erbium     | 164-2 | 43        | 47        | 37        | 42        | 12.06  | cps   |
| Gadolinium | 160-1 | 183       | 75        | 125       | 128       | 42.44  | cps   |
| Gadolinium | 160-2 | 163       | 240       | 170       | 191       | 22.22  | cps   |
| Holmium    | 165-1 | 17180973  | 17103738  | 17171885  | 17152199  | 0.25   | cps   |
| Holmium    | 165-2 | 9025773   | 9007561   | 8920289   | 8984541   | 0.63   | cps   |
| Indium     | 115-1 | 12015929  | 12046359  | 11983908  | 12015399  | 0.26   | cps   |
| Indium     | 115-2 | 2824044   | 2832772   | 2813247   | 2823354   | 0.35   | cps   |
| Iron       | 56-2  | 364620819 | 364077219 | 361634297 | 363444112 | 0.44   | cps   |
| Iron       | 57-2  | 8955181   | 8933467   | 8793886   | 8894178   | 0.98   | cps   |
| Krypton    | 83-1  | 577       | 557       | 563       | 566       | 1.80   | cps   |
| Lead       | 206-1 | 3870421   | 3919448   | 3942704   | 3910857   | 0.94   | cps   |
| Lead       | 207-1 | 3371269   | 3443439   | 3449982   | 3421563   | 1.28   | cps   |
| Lead       | 208-1 | 15525475  | 15748042  | 15795019  | 15689512  | 0.92   | cps   |
| Lithium    | 6-1   | 1881859   | 1945425   | 1946815   | 1924700   | 1.93   | cps   |
| Magnesium  | 24-2  | 65808858  | 65586910  | 65628960  | 65674909  | 0.18   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:44:05 | DataFile Name :   | 056CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 2006380   | 1999768   | 1989546   | 1998565   | 0.42   | cps   |
| Molybdenum | 94-1  | 9232817   | 9296414   | 9264338   | 9264523   | 0.34   | cps   |
| Molybdenum | 95-1  | 11495206  | 11484528  | 11530943  | 11503559  | 0.21   | cps   |
| Molybdenum | 96-1  | 12575852  | 12662507  | 12620778  | 12619712  | 0.34   | cps   |
| Molybdenum | 97-1  | 7087725   | 7190510   | 7212431   | 7163555   | 0.93   | cps   |
| Molybdenum | 98-1  | 18329317  | 18566284  | 18680616  | 18525406  | 0.97   | cps   |
| Neodymium  | 150-1 | 600       | 467       | 440       | 502       | 17.07  | cps   |
| Neodymium  | 150-2 | 127       | 143       | 127       | 132       | 7.28   | cps   |
| Nickel     | 60-2  | 705862    | 703353    | 695707    | 701641    | 0.75   | cps   |
| Phosphorus | 31-2  | 68274     | 68131     | 69043     | 68483     | 0.72   | cps   |
| Potassium  | 39-2  | 35501661  | 35337164  | 35212080  | 35350302  | 0.41   | cps   |
| Rhodium    | 103-1 | 10847518  | 10965818  | 11008277  | 10940537  | 0.76   | cps   |
| Rhodium    | 103-2 | 5820540   | 5810576   | 5750883   | 5793999   | 0.65   | cps   |
| Scandium   | 45-1  | 6592781   | 6631234   | 6610702   | 6611572   | 0.29   | cps   |
| Scandium   | 45-2  | 461918    | 459012    | 453861    | 458264    | 0.89   | cps   |
| Selenium   | 77-2  | 4267      | 4154      | 4357      | 4260      | 2.39   | cps   |
| Selenium   | 78-2  | 14405     | 14476     | 14235     | 14372     | 0.86   | cps   |
| Selenium   | 82-1  | 64293     | 64770     | 65077     | 64713     | 0.61   | cps   |
| Silicon    | 28-1  | 2855537   | 2931373   | 2978144   | 2921685   | 2.12   | cps   |
| Silver     | 109-1 | 5197452   | 5234826   | 5230940   | 5221073   | 0.39   | cps   |
| Silver     | 107-1 | 5427929   | 5455844   | 5435835   | 5439869   | 0.26   | cps   |
| Sodium     | 23-2  | 127355915 | 126591815 | 126300332 | 126749354 | 0.43   | cps   |
| Strontium  | 86-1  | 1416881   | 1420130   | 1416349   | 1417787   | 0.14   | cps   |
| Strontium  | 88-1  | 12603669  | 12743579  | 12853473  | 12733574  | 0.98   | cps   |
| Sulfur     | 34-1  | 742191    | 749332    | 747250    | 746258    | 0.49   | cps   |
| Terbium    | 159-1 | 17394603  | 17363278  | 17491652  | 17416511  | 0.38   | cps   |
| Terbium    | 159-2 | 8911865   | 8895012   | 8807865   | 8871581   | 0.63   | cps   |
| Thallium   | 203-1 | 4770869   | 4874613   | 4853461   | 4832981   | 1.13   | cps   |
| Thallium   | 205-1 | 11553510  | 11823299  | 11785697  | 11720835  | 1.25   | cps   |
| Tin        | 118-1 | 3665969   | 3663692   | 3676177   | 3668613   | 0.18   | cps   |
| Titanium   | 47-1  | 2672983   | 2680297   | 2714124   | 2689135   | 0.82   | cps   |
| Uranium    | 238-1 | 17206609  | 17420843  | 17537724  | 17388392  | 0.97   | cps   |
| Vanadium   | 51-2  | 1486638   | 1476346   | 1467169   | 1476717   | 0.66   | cps   |
| Yttrium    | 89-1  | 12451124  | 12562152  | 12688046  | 12567107  | 0.94   | cps   |
| Yttrium    | 89-2  | 2317373   | 2307330   | 2284925   | 2303209   | 0.72   | cps   |
| Zinc       | 66-2  | 543400    | 539739    | 536494    | 539878    | 0.64   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:44:05 | DataFile Name :   | 056CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7533030 | 7556337 | 7644372 | 7577913 | 0.77   | cps   |
| Zirconium | 91-1 | 1653279 | 1669030 | 1670288 | 1664199 | 0.57   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 17:49:38 | DataFile Name :   | 057CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 117      | 108      | 119      | 10.66  | cps   |
| Antimony   | 121-1 | 2325     | 2925     | 3709     | 2987     | 23.23  | cps   |
| Arsenic    | 75-2  | 24       | 26       | 19       | 23       | 16.88  | cps   |
| Barium     | 135-1 | 67       | 142      | 133      | 114      | 36.09  | cps   |
| Barium     | 137-1 | 183      | 200      | 183      | 189      | 5.10   | cps   |
| Beryllium  | 9-1   | 189      | 167      | 122      | 159      | 21.31  | cps   |
| Bismuth    | 209-1 | 11126472 | 11209500 | 10815709 | 11050560 | 1.88   | cps   |
| Bismuth    | 209-2 | 6200175  | 6246097  | 6167873  | 6204715  | 0.63   | cps   |
| Boron      | 10-1  | 2392     | 2184     | 2042     | 2206     | 7.98   | cps   |
| Boron      | 11-1  | 10904    | 11330    | 10479    | 10904    | 3.90   | cps   |
| Cadmium    | 111-1 | 1904     | 1743     | 1871     | 1839     | 4.64   | cps   |
| Cadmium    | 106-1 | 3717     | 3442     | 3676     | 3612     | 4.10   | cps   |
| Cadmium    | 108-1 | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Calcium    | 43-1  | 283      | 325      | 292      | 300      | 7.35   | cps   |
| Calcium    | 44-1  | 13540    | 13206    | 12256    | 13001    | 5.13   | cps   |
| Chromium   | 52-2  | 710      | 790      | 723      | 741      | 5.78   | cps   |
| Cobalt     | 59-2  | 133      | 93       | 87       | 104      | 24.17  | cps   |
| Copper     | 63-2  | 2437     | 2300     | 2290     | 2342     | 3.50   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 50       | 75       | 25       | 50       | 50.00  | cps   |
| Erbium     | 164-2 | 17       | 30       | 30       | 26       | 30.11  | cps   |
| Gadolinium | 160-1 | 100      | 75       | 83       | 86       | 14.79  | cps   |
| Gadolinium | 160-2 | 190      | 177      | 173      | 180      | 4.90   | cps   |
| Holmium    | 165-1 | 16653033 | 16888626 | 16232723 | 16591461 | 2.00   | cps   |
| Holmium    | 165-2 | 9097016  | 9033250  | 9006832  | 9045699  | 0.51   | cps   |
| Indium     | 115-1 | 12174117 | 12182168 | 11885179 | 12080488 | 1.40   | cps   |
| Indium     | 115-2 | 2923647  | 2931819  | 2915620  | 2923695  | 0.28   | cps   |
| Iron       | 56-2  | 10087    | 11199    | 11394    | 10893    | 6.47   | cps   |
| Iron       | 57-2  | 589      | 644      | 578      | 604      | 5.92   | cps   |
| Krypton    | 83-1  | 427      | 467      | 480      | 458      | 6.06   | cps   |
| Lead       | 206-1 | 1422     | 1300     | 1133     | 1285     | 11.28  | cps   |
| Lead       | 207-1 | 967      | 1133     | 1028     | 1043     | 8.09   | cps   |
| Lead       | 208-1 | 5356     | 4823     | 4939     | 5039     | 5.56   | cps   |
| Lithium    | 6-1   | 2107651  | 2120461  | 2076545  | 2101552  | 1.07   | cps   |
| Magnesium  | 24-2  | 925      | 1217     | 1458     | 1200     | 22.26  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCB91 Instrumnet Name : P7  
 Client Sample ID : CCB91 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:49:38 DataFile Name : 057CCBE\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 143      | 113      | 163      | 140      | 17.97  | cps   |
| Molybdenum | 94-1  | 967      | 1008     | 1142     | 1039     | 8.80   | cps   |
| Molybdenum | 95-1  | 1142     | 1208     | 975      | 1108     | 10.84  | cps   |
| Molybdenum | 96-1  | 1042     | 1108     | 1100     | 1083     | 3.35   | cps   |
| Molybdenum | 97-1  | 725      | 583      | 550      | 619      | 15.00  | cps   |
| Molybdenum | 98-1  | 1500     | 1475     | 1725     | 1567     | 8.79   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 23       | 87       | 73       | 61       | 54.64  | cps   |
| Phosphorus | 31-2  | 292      | 350      | 367      | 336      | 11.72  | cps   |
| Potassium  | 39-2  | 57245    | 57453    | 58432    | 57710    | 1.10   | cps   |
| Rhodium    | 103-1 | 11236456 | 11390193 | 10848574 | 11158408 | 2.50   | cps   |
| Rhodium    | 103-2 | 6361950  | 6339722  | 6299234  | 6333635  | 0.50   | cps   |
| Scandium   | 45-1  | 6329803  | 6465993  | 6231593  | 6342463  | 1.86   | cps   |
| Scandium   | 45-2  | 437074   | 439208   | 436975   | 437752   | 0.29   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 87       | 83       | 91       | 87       | 4.26   | cps   |
| Selenium   | 82-1  | 99       | 25       | 43       | 56       | 69.51  | cps   |
| Silicon    | 28-1  | 264583   | 262949   | 265169   | 264234   | 0.44   | cps   |
| Silver     | 109-1 | 667      | 708      | 783      | 719      | 8.22   | cps   |
| Silver     | 107-1 | 742      | 725      | 867      | 778      | 9.96   | cps   |
| Sodium     | 23-2  | 42862    | 43581    | 43146    | 43197    | 0.84   | cps   |
| Strontium  | 86-1  | 850      | 750      | 933      | 845      | 10.87  | cps   |
| Strontium  | 88-1  | 433      | 417      | 342      | 397      | 12.29  | cps   |
| Sulfur     | 34-1  | 421075   | 417447   | 415230   | 417917   | 0.71   | cps   |
| Terbium    | 159-1 | 16891384 | 17095367 | 16479788 | 16822180 | 1.86   | cps   |
| Terbium    | 159-2 | 8973894  | 9018872  | 8889657  | 8960808  | 0.73   | cps   |
| Thallium   | 203-1 | 1367     | 1358     | 1217     | 1314     | 6.42   | cps   |
| Thallium   | 205-1 | 3217     | 3075     | 3000     | 3098     | 3.55   | cps   |
| Tin        | 118-1 | 817      | 867      | 725      | 803      | 8.95   | cps   |
| Titanium   | 47-1  | 100      | 133      | 125      | 119      | 14.53  | cps   |
| Uranium    | 238-1 | 175      | 217      | 275      | 222      | 22.60  | cps   |
| Vanadium   | 51-2  | 97       | 57       | 73       | 76       | 26.59  | cps   |
| Yttrium    | 89-1  | 12223423 | 12272997 | 11830660 | 12109027 | 2.00   | cps   |
| Yttrium    | 89-2  | 2269508  | 2288285  | 2269326  | 2275706  | 0.48   | cps   |
| Zinc       | 66-2  | 210      | 220      | 243      | 224      | 7.62   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:49:38 | DataFile Name :   | 057CCBE_P7042318- M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1108 | 1158 | 900  | 1056    | 12.98  | cps   |
| Zirconium | 91-1 | 183  | 292  | 267  | 247     | 22.94  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01DUP Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:53:11 DataFile Name : 058SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 883      | 917      | 908      | 903      | 1.92   | cps   |
| Antimony   | 121-1 | 10371    | 12339    | 12915    | 11875    | 11.23  | cps   |
| Arsenic    | 75-2  | 7976     | 7811     | 7915     | 7901     | 1.06   | cps   |
| Barium     | 135-1 | 538939   | 544737   | 549935   | 544537   | 1.01   | cps   |
| Barium     | 137-1 | 941529   | 953366   | 955615   | 950170   | 0.80   | cps   |
| Beryllium  | 9-1   | 117      | 150      | 167      | 144      | 17.62  | cps   |
| Bismuth    | 209-1 | 10184166 | 10197933 | 10353468 | 10245189 | 0.92   | cps   |
| Bismuth    | 209-2 | 5611753  | 5624592  | 5701316  | 5645887  | 0.86   | cps   |
| Boron      | 10-1  | 47893    | 47835    | 49942    | 48557    | 2.47   | cps   |
| Boron      | 11-1  | 240374   | 238865   | 242241   | 240494   | 0.70   | cps   |
| Cadmium    | 111-1 | 1598     | 1433     | 1651     | 1560     | 7.29   | cps   |
| Cadmium    | 106-1 | 2950     | 2700     | 3067     | 2906     | 6.45   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 29       | 25       | 16.68  | cps   |
| Calcium    | 43-1  | 3441687  | 3447323  | 3453596  | 3447535  | 0.17   | cps   |
| Calcium    | 44-1  | 56460445 | 56830595 | 56705074 | 56665371 | 0.33   | cps   |
| Chromium   | 52-2  | 7382     | 7342     | 7559     | 7428     | 1.55   | cps   |
| Cobalt     | 59-2  | 3894     | 3804     | 4011     | 3903     | 2.66   | cps   |
| Copper     | 63-2  | 15101    | 14604    | 14404    | 14703    | 2.44   | cps   |
| Dysprosium | 156-1 | 33       | 58       | 33       | 42       | 34.65  | cps   |
| Dysprosium | 156-2 | 30       | 47       | 37       | 38       | 22.21  | cps   |
| Erbium     | 164-1 | 92       | 75       | 117      | 94       | 22.21  | cps   |
| Erbium     | 164-2 | 43       | 60       | 40       | 48       | 22.43  | cps   |
| Gadolinium | 160-1 | 125      | 100      | 117      | 114      | 11.18  | cps   |
| Gadolinium | 160-2 | 193      | 167      | 180      | 180      | 7.41   | cps   |
| Holmium    | 165-1 | 15599023 | 15832126 | 15882653 | 15771268 | 0.96   | cps   |
| Holmium    | 165-2 | 8494491  | 8462532  | 8542186  | 8499736  | 0.47   | cps   |
| Indium     | 115-1 | 11296061 | 11427423 | 11574575 | 11432686 | 1.22   | cps   |
| Indium     | 115-2 | 2670390  | 2684756  | 2707480  | 2687542  | 0.70   | cps   |
| Iron       | 56-2  | 32723116 | 32506073 | 32772960 | 32667383 | 0.43   | cps   |
| Iron       | 57-2  | 793283   | 792282   | 797774   | 794447   | 0.37   | cps   |
| Krypton    | 83-1  | 533      | 423      | 540      | 499      | 13.13  | cps   |
| Lead       | 206-1 | 3617     | 3484     | 3317     | 3473     | 4.33   | cps   |
| Lead       | 207-1 | 3112     | 2895     | 2700     | 2902     | 7.09   | cps   |
| Lead       | 208-1 | 14109    | 13520    | 12714    | 13448    | 5.21   | cps   |
| Lithium    | 6-1   | 2068657  | 2034210  | 2023431  | 2042099  | 1.16   | cps   |
| Magnesium  | 24-2  | 4686660  | 4642552  | 4723823  | 4684345  | 0.87   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01DUP Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 17:53:11 DataFile Name : 058SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2372761  | 2350890  | 2382642  | 2368764  | 0.69   | cps   |
| Molybdenum | 94-1  | 4059     | 3876     | 4184     | 4040     | 3.84   | cps   |
| Molybdenum | 95-1  | 5410     | 5376     | 5785     | 5524     | 4.11   | cps   |
| Molybdenum | 96-1  | 6810     | 6377     | 6018     | 6402     | 6.20   | cps   |
| Molybdenum | 97-1  | 3584     | 3717     | 3717     | 3673     | 2.10   | cps   |
| Molybdenum | 98-1  | 8403     | 8836     | 8828     | 8689     | 2.85   | cps   |
| Neodymium  | 150-1 | 133      | 147      | 113      | 131      | 12.79  | cps   |
| Neodymium  | 150-2 | 43       | 37       | 47       | 42       | 12.06  | cps   |
| Nickel     | 60-2  | 1817     | 1727     | 1937     | 1827     | 5.77   | cps   |
| Phosphorus | 31-2  | 533      | 475      | 550      | 519      | 7.58   | cps   |
| Potassium  | 39-2  | 1858798  | 1851357  | 1862039  | 1857398  | 0.29   | cps   |
| Rhodium    | 103-1 | 9873409  | 10050780 | 10109598 | 10011262 | 1.23   | cps   |
| Rhodium    | 103-2 | 5568438  | 5588579  | 5659253  | 5605423  | 0.85   | cps   |
| Scandium   | 45-1  | 5531823  | 5578792  | 5597508  | 5569375  | 0.61   | cps   |
| Scandium   | 45-2  | 398354   | 399134   | 407304   | 401597   | 1.23   | cps   |
| Selenium   | 77-2  | 30       | 20       | 23       | 24       | 20.83  | cps   |
| Selenium   | 78-2  | 102      | 93       | 107      | 101      | 7.44   | cps   |
| Selenium   | 82-1  | 168      | 263      | 130      | 187      | 36.56  | cps   |
| Silicon    | 28-1  | 39332631 | 39618855 | 39614195 | 39521894 | 0.41   | cps   |
| Silver     | 109-1 | 4167     | 3942     | 3801     | 3970     | 4.66   | cps   |
| Silver     | 107-1 | 4576     | 4101     | 3609     | 4095     | 11.81  | cps   |
| Sodium     | 23-2  | 20712670 | 20600250 | 20814002 | 20708974 | 0.52   | cps   |
| Strontium  | 86-1  | 1940779  | 1955510  | 1983161  | 1959817  | 1.10   | cps   |
| Strontium  | 88-1  | 17430559 | 17671563 | 17905937 | 17669353 | 1.35   | cps   |
| Sulfur     | 34-1  | 1244134  | 1232363  | 1232846  | 1236448  | 0.54   | cps   |
| Terbium    | 159-1 | 15786013 | 15840957 | 16128404 | 15918458 | 1.16   | cps   |
| Terbium    | 159-2 | 8323195  | 8240381  | 8374069  | 8312548  | 0.81   | cps   |
| Thallium   | 203-1 | 7411     | 4201     | 3084     | 4899     | 45.86  | cps   |
| Thallium   | 205-1 | 17304    | 9746     | 7002     | 11351    | 47.00  | cps   |
| Tin        | 118-1 | 10554    | 10655    | 11122    | 10777    | 2.81   | cps   |
| Titanium   | 47-1  | 1150     | 792      | 1008     | 983      | 18.35  | cps   |
| Uranium    | 238-1 | 6035     | 6193     | 5677     | 5968     | 4.44   | cps   |
| Vanadium   | 51-2  | 1660     | 1767     | 1650     | 1692     | 3.82   | cps   |
| Yttrium    | 89-1  | 11018520 | 11126438 | 11305494 | 11150151 | 1.30   | cps   |
| Yttrium    | 89-2  | 2067145  | 2087173  | 2099836  | 2084718  | 0.79   | cps   |
| Zinc       | 66-2  | 2644     | 2444     | 2564     | 2550     | 3.95   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-01DUP         | Instrumnet Name : | P7                   |
| Client Sample ID :      | SS032MW008-180410DL | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 17:53:11 | DataFile Name :   | 058SMPL_P7042318- M1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3009 | 2825 | 2442 | 2759    | 10.48  | cps   |
| Zirconium | 91-1 | 725  | 725  | 733  | 728     | 0.66   | cps   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01LX5 Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410L Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 17:56:44 DataFile Name : 059SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 275      | 233      | 269      | 12.50  | cps   |
| Antimony   | 121-1 | 2450     | 2300     | 2192     | 2314     | 5.61   | cps   |
| Arsenic    | 75-2  | 1645     | 1717     | 1622     | 1661     | 2.97   | cps   |
| Barium     | 135-1 | 114007   | 111956   | 112941   | 112968   | 0.91   | cps   |
| Barium     | 137-1 | 198441   | 197950   | 199506   | 198632   | 0.40   | cps   |
| Beryllium  | 9-1   | 106      | 94       | 111      | 104      | 8.18   | cps   |
| Bismuth    | 209-1 | 10707998 | 10727293 | 10842313 | 10759201 | 0.67   | cps   |
| Bismuth    | 209-2 | 5921880  | 6005442  | 5932645  | 5953322  | 0.76   | cps   |
| Boron      | 10-1  | 11722    | 11163    | 11805    | 11563    | 3.02   | cps   |
| Boron      | 11-1  | 57811    | 56950    | 57410    | 57390    | 0.75   | cps   |
| Cadmium    | 111-1 | 1521     | 1646     | 1576     | 1581     | 3.95   | cps   |
| Cadmium    | 106-1 | 3050     | 3234     | 3076     | 3120     | 3.19   | cps   |
| Cadmium    | 108-1 | 29       | 0        | 17       | 15       | 95.78  | cps   |
| Calcium    | 43-1  | 738319   | 729315   | 737755   | 735130   | 0.69   | cps   |
| Calcium    | 44-1  | 12246916 | 12160888 | 12263924 | 12223909 | 0.45   | cps   |
| Chromium   | 52-2  | 2214     | 2220     | 2140     | 2191     | 2.03   | cps   |
| Cobalt     | 59-2  | 783      | 930      | 840      | 851      | 8.69   | cps   |
| Copper     | 63-2  | 4884     | 4851     | 4841     | 4859     | 0.47   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 17       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 17       | 0        | 13       | 10       | 88.20  | cps   |
| Erbium     | 164-1 | 92       | 75       | 75       | 81       | 11.95  | cps   |
| Erbium     | 164-2 | 27       | 23       | 40       | 30       | 29.40  | cps   |
| Gadolinium | 160-1 | 75       | 42       | 58       | 58       | 28.57  | cps   |
| Gadolinium | 160-2 | 150      | 153      | 187      | 163      | 12.41  | cps   |
| Holmium    | 165-1 | 16464862 | 16575379 | 16703807 | 16581350 | 0.72   | cps   |
| Holmium    | 165-2 | 8853625  | 8962802  | 8828967  | 8881798  | 0.80   | cps   |
| Indium     | 115-1 | 12001148 | 11886001 | 12108271 | 11998473 | 0.93   | cps   |
| Indium     | 115-2 | 2848371  | 2879660  | 2843521  | 2857184  | 0.69   | cps   |
| Iron       | 56-2  | 6961295  | 7031066  | 6905665  | 6966009  | 0.90   | cps   |
| Iron       | 57-2  | 169628   | 168191   | 167455   | 168425   | 0.66   | cps   |
| Krypton    | 83-1  | 533      | 447      | 550      | 510      | 10.88  | cps   |
| Lead       | 206-1 | 1122     | 972      | 1100     | 1065     | 7.60   | cps   |
| Lead       | 207-1 | 856      | 822      | 794      | 824      | 3.71   | cps   |
| Lead       | 208-1 | 4173     | 4111     | 4106     | 4130     | 0.90   | cps   |
| Lithium    | 6-1   | 1889345  | 1878376  | 1868485  | 1878735  | 0.56   | cps   |
| Magnesium  | 24-2  | 984781   | 996466   | 989981   | 990409   | 0.59   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01LX5 Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410L Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 17:56:44 DataFile Name : 059SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 504083   | 507927   | 500847   | 504286   | 0.70   | cps   |
| Molybdenum | 94-1  | 992      | 1225     | 1100     | 1106     | 10.56  | cps   |
| Molybdenum | 95-1  | 1333     | 1342     | 1383     | 1353     | 1.98   | cps   |
| Molybdenum | 96-1  | 1617     | 1350     | 1433     | 1467     | 9.30   | cps   |
| Molybdenum | 97-1  | 892      | 850      | 792      | 845      | 5.95   | cps   |
| Molybdenum | 98-1  | 1992     | 2050     | 1959     | 2000     | 2.32   | cps   |
| Neodymium  | 150-1 | 33       | 47       | 40       | 40       | 16.66  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 403      | 430      | 437      | 423      | 4.17   | cps   |
| Phosphorus | 31-2  | 342      | 350      | 500      | 397      | 22.43  | cps   |
| Potassium  | 39-2  | 447805   | 444508   | 440746   | 444353   | 0.79   | cps   |
| Rhodium    | 103-1 | 10896562 | 10872830 | 10977610 | 10915668 | 0.50   | cps   |
| Rhodium    | 103-2 | 6025496  | 6145103  | 5979774  | 6050124  | 1.41   | cps   |
| Scandium   | 45-1  | 6026748  | 5990845  | 6036502  | 6018031  | 0.40   | cps   |
| Scandium   | 45-2  | 427678   | 431016   | 425186   | 427960   | 0.68   | cps   |
| Selenium   | 77-2  | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Selenium   | 78-2  | 85       | 93       | 91       | 90       | 4.30   | cps   |
| Selenium   | 82-1  | -4       | 122      | 29       | 49       | 132.94 | cps   |
| Silicon    | 28-1  | 8878064  | 8823390  | 8798070  | 8833175  | 0.46   | cps   |
| Silver     | 109-1 | 1700     | 1458     | 1450     | 1536     | 9.24   | cps   |
| Silver     | 107-1 | 1709     | 1617     | 1258     | 1528     | 15.57  | cps   |
| Sodium     | 23-2  | 4405136  | 4453538  | 4411865  | 4423513  | 0.59   | cps   |
| Strontium  | 86-1  | 414229   | 410875   | 412297   | 412467   | 0.41   | cps   |
| Strontium  | 88-1  | 3705561  | 3685961  | 3706569  | 3699364  | 0.31   | cps   |
| Sulfur     | 34-1  | 555708   | 552691   | 552194   | 553531   | 0.34   | cps   |
| Terbium    | 159-1 | 16886668 | 16839327 | 16906594 | 16877530 | 0.20   | cps   |
| Terbium    | 159-2 | 8727822  | 8831847  | 8765455  | 8775041  | 0.60   | cps   |
| Thallium   | 203-1 | 558      | 392      | 400      | 450      | 20.87  | cps   |
| Thallium   | 205-1 | 1100     | 1158     | 1033     | 1097     | 5.70   | cps   |
| Tin        | 118-1 | 1609     | 1734     | 1442     | 1595     | 9.18   | cps   |
| Titanium   | 47-1  | 408      | 342      | 483      | 411      | 17.24  | cps   |
| Uranium    | 238-1 | 1250     | 1400     | 1083     | 1245     | 12.73  | cps   |
| Vanadium   | 51-2  | 480      | 497      | 443      | 473      | 5.76   | cps   |
| Yttrium    | 89-1  | 11806126 | 11850202 | 11941395 | 11865908 | 0.58   | cps   |
| Yttrium    | 89-2  | 2227606  | 2240049  | 2219876  | 2229177  | 0.46   | cps   |
| Zinc       | 66-2  | 723      | 720      | 613      | 686      | 9.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 17:56:44 | DataFile Name :   | 059SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 967  | 967  | 1108 | 1014    | 8.07   | cps   |
| Zirconium | 91-1 | 200  | 275  | 283  | 253     | 18.16  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MS Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:00:18 DataFile Name : 060SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 907728   | 899572   | 913425   | 906908   | 0.77   | cps   |
| Antimony   | 121-1 | 4337512  | 4339904  | 4350147  | 4342521  | 0.15   | cps   |
| Arsenic    | 75-2  | 189212   | 188752   | 192947   | 190304   | 1.21   | cps   |
| Barium     | 135-1 | 5675515  | 5654400  | 5696587  | 5675501  | 0.37   | cps   |
| Barium     | 137-1 | 9948595  | 9881058  | 9897187  | 9908946  | 0.36   | cps   |
| Beryllium  | 9-1   | 515482   | 516623   | 509633   | 513913   | 0.73   | cps   |
| Bismuth    | 209-1 | 10091905 | 9962688  | 10029267 | 10027953 | 0.64   | cps   |
| Bismuth    | 209-2 | 5392023  | 5422044  | 5465826  | 5426631  | 0.68   | cps   |
| Boron      | 10-1  | 106599   | 106489   | 107757   | 106949   | 0.66   | cps   |
| Boron      | 11-1  | 538955   | 527008   | 533668   | 533211   | 1.12   | cps   |
| Cadmium    | 111-1 | 963985   | 952613   | 966250   | 960949   | 0.76   | cps   |
| Cadmium    | 106-1 | 105324   | 102973   | 107094   | 105130   | 1.97   | cps   |
| Cadmium    | 108-1 | 71099    | 69905    | 72246    | 71083    | 1.65   | cps   |
| Calcium    | 43-1  | 4222578  | 4213041  | 4195371  | 4210330  | 0.33   | cps   |
| Calcium    | 44-1  | 68996747 | 68887554 | 68577302 | 68820534 | 0.32   | cps   |
| Chromium   | 52-2  | 1551140  | 1550063  | 1579846  | 1560350  | 1.08   | cps   |
| Cobalt     | 59-2  | 2395491  | 2384806  | 2424666  | 2401654  | 0.86   | cps   |
| Copper     | 63-2  | 3408799  | 3390637  | 3451789  | 3417075  | 0.92   | cps   |
| Dysprosium | 156-1 | 200      | 192      | 242      | 211      | 12.69  | cps   |
| Dysprosium | 156-2 | 87       | 97       | 123      | 102      | 18.54  | cps   |
| Erbium     | 164-1 | 4468     | 5101     | 4784     | 4784     | 6.62   | cps   |
| Erbium     | 164-2 | 2604     | 2480     | 2397     | 2494     | 4.17   | cps   |
| Gadolinium | 160-1 | 408      | 575      | 533      | 506      | 17.16  | cps   |
| Gadolinium | 160-2 | 353      | 367      | 453      | 391      | 13.88  | cps   |
| Holmium    | 165-1 | 15643951 | 15450765 | 15636937 | 15577218 | 0.70   | cps   |
| Holmium    | 165-2 | 8216996  | 8236323  | 8344611  | 8265977  | 0.83   | cps   |
| Indium     | 115-1 | 10913263 | 10717916 | 10889401 | 10840194 | 0.98   | cps   |
| Indium     | 115-2 | 2517040  | 2533462  | 2574118  | 2541540  | 1.16   | cps   |
| Iron       | 56-2  | 93932191 | 93447502 | 95146363 | 94175352 | 0.93   | cps   |
| Iron       | 57-2  | 2285100  | 2277709  | 2297831  | 2286880  | 0.45   | cps   |
| Krypton    | 83-1  | 497      | 593      | 480      | 523      | 11.69  | cps   |
| Lead       | 206-1 | 3647744  | 3642533  | 3670063  | 3653447  | 0.40   | cps   |
| Lead       | 207-1 | 3202342  | 3209884  | 3205728  | 3205985  | 0.12   | cps   |
| Lead       | 208-1 | 14646007 | 14681276 | 14678831 | 14668705 | 0.13   | cps   |
| Lithium    | 6-1   | 1824809  | 1784277  | 1778853  | 1795979  | 1.40   | cps   |
| Magnesium  | 24-2  | 16014996 | 15857306 | 16144251 | 16005518 | 0.90   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MS Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:00:18 DataFile Name : 060SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3963868  | 3962559  | 4017937  | 3981454  | 0.79   | cps   |
| Molybdenum | 94-1  | 8017950  | 8019034  | 8069349  | 8035444  | 0.37   | cps   |
| Molybdenum | 95-1  | 9950115  | 9940422  | 10007545 | 9966027  | 0.36   | cps   |
| Molybdenum | 96-1  | 10882454 | 10913329 | 10992249 | 10929344 | 0.52   | cps   |
| Molybdenum | 97-1  | 6199922  | 6178796  | 6257413  | 6212044  | 0.65   | cps   |
| Molybdenum | 98-1  | 15959716 | 16067025 | 16167969 | 16064903 | 0.65   | cps   |
| Neodymium  | 150-1 | 367      | 387      | 300      | 351      | 12.92  | cps   |
| Neodymium  | 150-2 | 80       | 67       | 87       | 78       | 13.09  | cps   |
| Nickel     | 60-2  | 635243   | 627760   | 639342   | 634115   | 0.93   | cps   |
| Phosphorus | 31-2  | 583      | 617      | 483      | 561      | 12.37  | cps   |
| Potassium  | 39-2  | 7630014  | 7539537  | 7684934  | 7618162  | 0.96   | cps   |
| Rhodium    | 103-1 | 9725336  | 9606453  | 9639519  | 9657103  | 0.64   | cps   |
| Rhodium    | 103-2 | 5351326  | 5425743  | 5489588  | 5422219  | 1.28   | cps   |
| Scandium   | 45-1  | 5355561  | 5324148  | 5292636  | 5324115  | 0.59   | cps   |
| Scandium   | 45-2  | 381273   | 384283   | 391906   | 385821   | 1.42   | cps   |
| Selenium   | 77-2  | 3664     | 3601     | 3570     | 3612     | 1.32   | cps   |
| Selenium   | 78-2  | 12140    | 12176    | 12274    | 12197    | 0.57   | cps   |
| Selenium   | 82-1  | 55434    | 55490    | 56400    | 55775    | 0.97   | cps   |
| Silicon    | 28-1  | 38542054 | 37931991 | 37870775 | 38114940 | 0.97   | cps   |
| Silver     | 109-1 | 4751573  | 4688496  | 4789564  | 4743211  | 1.08   | cps   |
| Silver     | 107-1 | 4922217  | 4924549  | 4974493  | 4940420  | 0.60   | cps   |
| Sodium     | 23-2  | 41698221 | 41357653 | 41932854 | 41662909 | 0.69   | cps   |
| Strontium  | 86-1  | 3110561  | 3098334  | 3116144  | 3108346  | 0.29   | cps   |
| Strontium  | 88-1  | 27843879 | 27723212 | 27827321 | 27798137 | 0.24   | cps   |
| Sulfur     | 34-1  | 1140159  | 1131754  | 1122905  | 1131606  | 0.76   | cps   |
| Terbium    | 159-1 | 15928283 | 15627129 | 15766131 | 15773848 | 0.96   | cps   |
| Terbium    | 159-2 | 8071840  | 8178540  | 8209527  | 8153303  | 0.89   | cps   |
| Thallium   | 203-1 | 4554608  | 4501780  | 4544255  | 4533547  | 0.62   | cps   |
| Thallium   | 205-1 | 10977449 | 10935945 | 11008562 | 10973985 | 0.33   | cps   |
| Tin        | 118-1 | 3213928  | 3217490  | 3214270  | 3215229  | 0.06   | cps   |
| Titanium   | 47-1  | 2175595  | 2154437  | 2160506  | 2163513  | 0.50   | cps   |
| Uranium    | 238-1 | 15950531 | 15829974 | 16001118 | 15927207 | 0.55   | cps   |
| Vanadium   | 51-2  | 1248806  | 1247638  | 1262816  | 1253087  | 0.67   | cps   |
| Yttrium    | 89-1  | 10920978 | 10772651 | 10797897 | 10830509 | 0.73   | cps   |
| Yttrium    | 89-2  | 2010733  | 2031572  | 2052076  | 2031460  | 1.02   | cps   |
| Zinc       | 66-2  | 465890   | 463942   | 472908   | 467580   | 1.01   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01MS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410M  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:00:18 | DataFile Name :   | 060SMPL_P7042318- M |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6620584 | 6593795 | 6570123 | 6594834 | 0.38   | cps   |
| Zirconium | 91-1 | 1445282 | 1448445 | 1459818 | 1451181 | 0.53   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MSD Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:03:51 DataFile Name : 061SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 977027   | 979361   | 988761   | 981716   | 0.63   | cps   |
| Antimony   | 121-1 | 4697071  | 4744330  | 4756433  | 4732611  | 0.66   | cps   |
| Arsenic    | 75-2  | 205236   | 206793   | 206282   | 206104   | 0.38   | cps   |
| Barium     | 135-1 | 6102025  | 6139165  | 6188442  | 6143210  | 0.71   | cps   |
| Barium     | 137-1 | 10699211 | 10676982 | 10714431 | 10696875 | 0.18   | cps   |
| Beryllium  | 9-1   | 555201   | 557832   | 550091   | 554375   | 0.71   | cps   |
| Bismuth    | 209-1 | 10124436 | 10165570 | 10192598 | 10160868 | 0.34   | cps   |
| Bismuth    | 209-2 | 5382613  | 5440767  | 5452512  | 5425297  | 0.69   | cps   |
| Boron      | 10-1  | 108916   | 109964   | 113408   | 110763   | 2.12   | cps   |
| Boron      | 11-1  | 543441   | 551095   | 554317   | 549618   | 1.02   | cps   |
| Cadmium    | 111-1 | 1051527  | 1050345  | 1056720  | 1052864  | 0.32   | cps   |
| Cadmium    | 106-1 | 115216   | 114728   | 115234   | 115059   | 0.25   | cps   |
| Cadmium    | 108-1 | 77703    | 78324    | 77615    | 77881    | 0.50   | cps   |
| Calcium    | 43-1  | 4287980  | 4297169  | 4313635  | 4299595  | 0.30   | cps   |
| Calcium    | 44-1  | 70317866 | 69758177 | 70080733 | 70052259 | 0.40   | cps   |
| Chromium   | 52-2  | 1690112  | 1700896  | 1711266  | 1700758  | 0.62   | cps   |
| Cobalt     | 59-2  | 2588259  | 2625459  | 2607015  | 2606911  | 0.71   | cps   |
| Copper     | 63-2  | 3691085  | 3705273  | 3727685  | 3708015  | 0.50   | cps   |
| Dysprosium | 156-1 | 158      | 125      | 258      | 181      | 38.43  | cps   |
| Dysprosium | 156-2 | 107      | 143      | 133      | 128      | 14.83  | cps   |
| Erbium     | 164-1 | 5435     | 5326     | 5126     | 5296     | 2.95   | cps   |
| Erbium     | 164-2 | 2697     | 2707     | 2444     | 2616     | 5.71   | cps   |
| Gadolinium | 160-1 | 525      | 625      | 583      | 578      | 8.69   | cps   |
| Gadolinium | 160-2 | 367      | 440      | 363      | 390      | 11.11  | cps   |
| Holmium    | 165-1 | 15771105 | 15980699 | 16003076 | 15918293 | 0.80   | cps   |
| Holmium    | 165-2 | 8326454  | 8326819  | 8370206  | 8341160  | 0.30   | cps   |
| Indium     | 115-1 | 10927624 | 11000159 | 11087317 | 11005033 | 0.73   | cps   |
| Indium     | 115-2 | 2532919  | 2561159  | 2573576  | 2555884  | 0.82   | cps   |
| Iron       | 56-2  | 99245986 | 99863699 | 99302422 | 99470702 | 0.34   | cps   |
| Iron       | 57-2  | 2410708  | 2427867  | 2413006  | 2417194  | 0.39   | cps   |
| Krypton    | 83-1  | 503      | 520      | 550      | 524      | 4.51   | cps   |
| Lead       | 206-1 | 3966275  | 3995169  | 4042042  | 4001162  | 0.96   | cps   |
| Lead       | 207-1 | 3456887  | 3496092  | 3504325  | 3485768  | 0.73   | cps   |
| Lead       | 208-1 | 15838038 | 15969315 | 16086796 | 15964716 | 0.78   | cps   |
| Lithium    | 6-1   | 1780611  | 1756225  | 1734237  | 1757024  | 1.32   | cps   |
| Magnesium  | 24-2  | 15885342 | 15920794 | 15931672 | 15912603 | 0.15   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01MSD Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:03:51 DataFile Name : 061SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4132330  | 4151167  | 4172269  | 4151922  | 0.48   | cps   |
| Molybdenum | 94-1  | 8723374  | 8758166  | 8647017  | 8709519  | 0.65   | cps   |
| Molybdenum | 95-1  | 10784633 | 10895006 | 10704249 | 10794630 | 0.89   | cps   |
| Molybdenum | 96-1  | 11746233 | 11870101 | 11832857 | 11816397 | 0.54   | cps   |
| Molybdenum | 97-1  | 6697699  | 6732805  | 6787290  | 6739264  | 0.67   | cps   |
| Molybdenum | 98-1  | 17509940 | 17408546 | 17635844 | 17518110 | 0.65   | cps   |
| Neodymium  | 150-1 | 260      | 487      | 480      | 409      | 31.55  | cps   |
| Neodymium  | 150-2 | 73       | 30       | 87       | 63       | 46.78  | cps   |
| Nickel     | 60-2  | 684910   | 689352   | 696199   | 690154   | 0.82   | cps   |
| Phosphorus | 31-2  | 458      | 450      | 517      | 475      | 7.65   | cps   |
| Potassium  | 39-2  | 8067210  | 8073279  | 8126042  | 8088844  | 0.40   | cps   |
| Rhodium    | 103-1 | 9849127  | 9797894  | 9825935  | 9824319  | 0.26   | cps   |
| Rhodium    | 103-2 | 5443186  | 5515356  | 5502112  | 5486885  | 0.70   | cps   |
| Scandium   | 45-1  | 5373470  | 5295059  | 5352738  | 5340422  | 0.76   | cps   |
| Scandium   | 45-2  | 389964   | 390347   | 391863   | 390725   | 0.26   | cps   |
| Selenium   | 77-2  | 3957     | 4181     | 4101     | 4080     | 2.77   | cps   |
| Selenium   | 78-2  | 13106    | 13137    | 13430    | 13225    | 1.35   | cps   |
| Selenium   | 82-1  | 61496    | 61429    | 62125    | 61684    | 0.62   | cps   |
| Silicon    | 28-1  | 38315008 | 38406905 | 38374160 | 38365358 | 0.12   | cps   |
| Silver     | 109-1 | 5163834  | 5144044  | 5190937  | 5166272  | 0.46   | cps   |
| Silver     | 107-1 | 5355901  | 5378462  | 5408308  | 5380890  | 0.49   | cps   |
| Sodium     | 23-2  | 42508261 | 42883480 | 42834683 | 42742142 | 0.48   | cps   |
| Strontium  | 86-1  | 3223925  | 3251221  | 3216458  | 3230535  | 0.57   | cps   |
| Strontium  | 88-1  | 28877732 | 29197699 | 29011442 | 29028958 | 0.55   | cps   |
| Sulfur     | 34-1  | 1166089  | 1172989  | 1175691  | 1171590  | 0.42   | cps   |
| Terbium    | 159-1 | 16055086 | 16116843 | 16127591 | 16099840 | 0.24   | cps   |
| Terbium    | 159-2 | 8216874  | 8187101  | 8240178  | 8214718  | 0.32   | cps   |
| Thallium   | 203-1 | 4925337  | 4960171  | 4985104  | 4956871  | 0.61   | cps   |
| Thallium   | 205-1 | 11895789 | 12001709 | 12149305 | 12015601 | 1.06   | cps   |
| Tin        | 118-1 | 3469158  | 3497435  | 3517152  | 3494582  | 0.69   | cps   |
| Titanium   | 47-1  | 2336447  | 2329321  | 2332151  | 2332640  | 0.15   | cps   |
| Uranium    | 238-1 | 17381404 | 17410076 | 17521570 | 17437683 | 0.42   | cps   |
| Vanadium   | 51-2  | 1347672  | 1356241  | 1365881  | 1356598  | 0.67   | cps   |
| Yttrium    | 89-1  | 10915013 | 11032914 | 11059149 | 11002359 | 0.70   | cps   |
| Yttrium    | 89-2  | 2038184  | 2047283  | 2053039  | 2046169  | 0.37   | cps   |
| Zinc       | 66-2  | 503566   | 507486   | 509086   | 506713   | 0.56   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01MSD         | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410M  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:03:51 | DataFile Name :   | 061SMPL_P7042318- M |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7143405 | 7233748 | 7230368 | 7202507 | 0.71   | cps   |
| Zirconium | 91-1 | 1572828 | 1587953 | 1582177 | 1580986 | 0.48   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01A Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:07:25 DataFile Name : 062SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 950062   | 957525   | 957165   | 954918   | 0.44   | cps   |
| Antimony   | 121-1 | 4581070  | 4629736  | 4691787  | 4634198  | 1.20   | cps   |
| Arsenic    | 75-2  | 198834   | 203086   | 201998   | 201306   | 1.10   | cps   |
| Barium     | 135-1 | 5952981  | 6033635  | 6093170  | 6026595  | 1.17   | cps   |
| Barium     | 137-1 | 10391268 | 10500273 | 10604371 | 10498637 | 1.01   | cps   |
| Beryllium  | 9-1   | 538961   | 530781   | 541234   | 536992   | 1.02   | cps   |
| Bismuth    | 209-1 | 10201781 | 10255325 | 10299336 | 10252147 | 0.48   | cps   |
| Bismuth    | 209-2 | 5486504  | 5518072  | 5503522  | 5502699  | 0.29   | cps   |
| Boron      | 10-1  | 110981   | 109319   | 112122   | 110807   | 1.27   | cps   |
| Boron      | 11-1  | 541651   | 531317   | 546057   | 539675   | 1.40   | cps   |
| Cadmium    | 111-1 | 1016335  | 1019185  | 1041138  | 1025552  | 1.32   | cps   |
| Cadmium    | 106-1 | 112469   | 110998   | 110882   | 111450   | 0.79   | cps   |
| Cadmium    | 108-1 | 76380    | 76166    | 76363    | 76303    | 0.16   | cps   |
| Calcium    | 43-1  | 4290311  | 4262971  | 4344465  | 4299249  | 0.96   | cps   |
| Calcium    | 44-1  | 70008016 | 69606504 | 71206666 | 70273729 | 1.18   | cps   |
| Chromium   | 52-2  | 1651668  | 1655544  | 1652003  | 1653072  | 0.13   | cps   |
| Cobalt     | 59-2  | 2529967  | 2553890  | 2550735  | 2544864  | 0.51   | cps   |
| Copper     | 63-2  | 3634646  | 3661129  | 3660202  | 3651992  | 0.41   | cps   |
| Dysprosium | 156-1 | 200      | 175      | 175      | 183      | 7.87   | cps   |
| Dysprosium | 156-2 | 113      | 110      | 127      | 117      | 7.56   | cps   |
| Erbium     | 164-1 | 5476     | 5268     | 5426     | 5390     | 2.02   | cps   |
| Erbium     | 164-2 | 2744     | 2620     | 2594     | 2653     | 3.02   | cps   |
| Gadolinium | 160-1 | 575      | 717      | 442      | 578      | 23.80  | cps   |
| Gadolinium | 160-2 | 363      | 343      | 380      | 362      | 5.07   | cps   |
| Holmium    | 165-1 | 16201885 | 16138939 | 16305070 | 16215298 | 0.52   | cps   |
| Holmium    | 165-2 | 8492556  | 8486876  | 8452897  | 8477443  | 0.25   | cps   |
| Indium     | 115-1 | 11073120 | 11156862 | 11243725 | 11157902 | 0.76   | cps   |
| Indium     | 115-2 | 2589958  | 2603707  | 2609872  | 2601179  | 0.39   | cps   |
| Iron       | 56-2  | 98744933 | 98492474 | 98352436 | 98529948 | 0.20   | cps   |
| Iron       | 57-2  | 2383250  | 2399328  | 2402639  | 2395072  | 0.43   | cps   |
| Krypton    | 83-1  | 523      | 590      | 603      | 572      | 7.49   | cps   |
| Lead       | 206-1 | 3860159  | 3845572  | 3947682  | 3884471  | 1.42   | cps   |
| Lead       | 207-1 | 3376791  | 3386868  | 3446117  | 3403259  | 1.10   | cps   |
| Lead       | 208-1 | 15475334 | 15469255 | 15779557 | 15574715 | 1.14   | cps   |
| Lithium    | 6-1   | 1754630  | 1735998  | 1749929  | 1746852  | 0.55   | cps   |
| Magnesium  | 24-2  | 16217613 | 16302019 | 16281838 | 16267157 | 0.27   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-01A Instrumnet Name : P7  
 Client Sample ID : SS032MW008-180410A Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:07:25 DataFile Name : 062SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4108388  | 4140992  | 4140483  | 4129954  | 0.45   | cps   |
| Molybdenum | 94-1  | 8414759  | 8518301  | 8578644  | 8503901  | 0.97   | cps   |
| Molybdenum | 95-1  | 10479749 | 10529822 | 10626115 | 10545229 | 0.71   | cps   |
| Molybdenum | 96-1  | 11433422 | 11577915 | 11695037 | 11568791 | 1.13   | cps   |
| Molybdenum | 97-1  | 6500823  | 6582788  | 6702466  | 6595359  | 1.54   | cps   |
| Molybdenum | 98-1  | 16833513 | 17041788 | 17318194 | 17064498 | 1.42   | cps   |
| Neodymium  | 150-1 | 460      | 393      | 353      | 402      | 13.40  | cps   |
| Neodymium  | 150-2 | 67       | 67       | 53       | 62       | 12.38  | cps   |
| Nickel     | 60-2  | 670724   | 670588   | 671910   | 671074   | 0.11   | cps   |
| Phosphorus | 31-2  | 583      | 667      | 508      | 586      | 13.51  | cps   |
| Potassium  | 39-2  | 7976869  | 7993844  | 7992512  | 7987742  | 0.12   | cps   |
| Rhodium    | 103-1 | 9916145  | 10013221 | 10035792 | 9988386  | 0.64   | cps   |
| Rhodium    | 103-2 | 5529296  | 5565556  | 5561390  | 5552080  | 0.36   | cps   |
| Scandium   | 45-1  | 5437204  | 5380712  | 5458230  | 5425382  | 0.74   | cps   |
| Scandium   | 45-2  | 397426   | 395602   | 394574   | 395867   | 0.36   | cps   |
| Selenium   | 77-2  | 3967     | 3844     | 3874     | 3895     | 1.65   | cps   |
| Selenium   | 78-2  | 13097    | 13039    | 12906    | 13014    | 0.75   | cps   |
| Selenium   | 82-1  | 59524    | 59282    | 60317    | 59708    | 0.91   | cps   |
| Silicon    | 28-1  | 38395094 | 38114891 | 38726343 | 38412109 | 0.80   | cps   |
| Silver     | 109-1 | 5023693  | 5042730  | 5112653  | 5059692  | 0.93   | cps   |
| Silver     | 107-1 | 5224570  | 5258580  | 5276173  | 5253108  | 0.50   | cps   |
| Sodium     | 23-2  | 43057167 | 43063342 | 42967676 | 43029395 | 0.12   | cps   |
| Strontium  | 86-1  | 3202374  | 3216683  | 3258377  | 3225811  | 0.90   | cps   |
| Strontium  | 88-1  | 28621270 | 28856690 | 29233628 | 28903863 | 1.07   | cps   |
| Sulfur     | 34-1  | 1183416  | 1167083  | 1187097  | 1179199  | 0.90   | cps   |
| Terbium    | 159-1 | 16095534 | 16360600 | 16411930 | 16289355 | 1.04   | cps   |
| Terbium    | 159-2 | 8410582  | 8311416  | 8286638  | 8336212  | 0.79   | cps   |
| Thallium   | 203-1 | 4774084  | 4802652  | 4864509  | 4813749  | 0.96   | cps   |
| Thallium   | 205-1 | 11626221 | 11629467 | 11787290 | 11680993 | 0.79   | cps   |
| Tin        | 118-1 | 3403103  | 3408922  | 3470082  | 3427369  | 1.08   | cps   |
| Titanium   | 47-1  | 2252675  | 2252386  | 2281335  | 2262132  | 0.74   | cps   |
| Uranium    | 238-1 | 16804907 | 16906301 | 17268637 | 16993282 | 1.43   | cps   |
| Vanadium   | 51-2  | 1329638  | 1326277  | 1327397  | 1327770  | 0.13   | cps   |
| Yttrium    | 89-1  | 11065455 | 11189267 | 11224223 | 11159648 | 0.75   | cps   |
| Yttrium    | 89-2  | 2061496  | 2073619  | 2077152  | 2070756  | 0.40   | cps   |
| Zinc       | 66-2  | 494132   | 500324   | 496968   | 497141   | 0.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-01A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW008-180410A  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:07:25 | DataFile Name :   | 062SMPL_P7042318- M |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6944124 | 6978024 | 7042073 | 6988073 | 0.71   | cps   |
| Zirconium | 91-1 | 1515795 | 1537355 | 1559804 | 1537652 | 1.43   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-02 Instrumnet Name : P7  
 Client Sample ID : LF012MW003-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:10:58 DataFile Name : 063SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1684     | 2576     | 2017     | 2092     | 21.55  | cps   |
| Antimony   | 121-1 | 9078     | 9245     | 9403     | 9242     | 1.76   | cps   |
| Arsenic    | 75-2  | 485      | 456      | 556      | 499      | 10.30  | cps   |
| Barium     | 135-1 | 231838   | 239844   | 239592   | 237091   | 1.92   | cps   |
| Barium     | 137-1 | 405500   | 412374   | 416195   | 411357   | 1.32   | cps   |
| Beryllium  | 9-1   | 250      | 311      | 322      | 294      | 13.21  | cps   |
| Bismuth    | 209-1 | 10238609 | 10349878 | 10558884 | 10382457 | 1.57   | cps   |
| Bismuth    | 209-2 | 5453921  | 5540679  | 5531241  | 5508614  | 0.86   | cps   |
| Boron      | 10-1  | 63559    | 64614    | 66396    | 64856    | 2.21   | cps   |
| Boron      | 11-1  | 321440   | 317470   | 328194   | 322368   | 1.68   | cps   |
| Cadmium    | 111-1 | 2000     | 2045     | 2013     | 2019     | 1.15   | cps   |
| Cadmium    | 106-1 | 3050     | 3242     | 3159     | 3150     | 3.05   | cps   |
| Cadmium    | 108-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Calcium    | 43-1  | 4042792  | 4084570  | 4145972  | 4091111  | 1.27   | cps   |
| Calcium    | 44-1  | 66022756 | 67194195 | 68349381 | 67188777 | 1.73   | cps   |
| Chromium   | 52-2  | 63335    | 64942    | 64966    | 64414    | 1.45   | cps   |
| Cobalt     | 59-2  | 7115     | 7292     | 7038     | 7149     | 1.82   | cps   |
| Copper     | 63-2  | 17644    | 18685    | 17918    | 18082    | 2.99   | cps   |
| Dysprosium | 156-1 | 125      | 200      | 117      | 147      | 31.17  | cps   |
| Dysprosium | 156-2 | 87       | 80       | 87       | 84       | 4.56   | cps   |
| Erbium     | 164-1 | 175      | 242      | 258      | 225      | 19.60  | cps   |
| Erbium     | 164-2 | 67       | 93       | 107      | 89       | 22.91  | cps   |
| Gadolinium | 160-1 | 200      | 200      | 108      | 169      | 31.23  | cps   |
| Gadolinium | 160-2 | 233      | 233      | 267      | 244      | 7.87   | cps   |
| Holmium    | 165-1 | 15839850 | 16331327 | 16571391 | 16247523 | 2.30   | cps   |
| Holmium    | 165-2 | 8439054  | 8639456  | 8500080  | 8526197  | 1.20   | cps   |
| Indium     | 115-1 | 11396672 | 11512362 | 11790184 | 11566406 | 1.75   | cps   |
| Indium     | 115-2 | 2638918  | 2710273  | 2672257  | 2673816  | 1.34   | cps   |
| Iron       | 56-2  | 2624772  | 2691288  | 2626697  | 2647586  | 1.43   | cps   |
| Iron       | 57-2  | 83743    | 87577    | 84715    | 85345    | 2.34   | cps   |
| Krypton    | 83-1  | 513      | 530      | 490      | 511      | 3.93   | cps   |
| Lead       | 206-1 | 2962     | 2773     | 2784     | 2839     | 3.73   | cps   |
| Lead       | 207-1 | 2356     | 2284     | 2117     | 2252     | 5.44   | cps   |
| Lead       | 208-1 | 10752    | 10557    | 10385    | 10565    | 1.74   | cps   |
| Lithium    | 6-1   | 1702219  | 1685697  | 1685157  | 1691025  | 0.57   | cps   |
| Magnesium  | 24-2  | 6472310  | 6635513  | 6508969  | 6538931  | 1.31   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW003-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:10:58 | DataFile Name :   | 063SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 338479   | 352609   | 341484   | 344190   | 2.16   | cps   |
| Molybdenum | 94-1  | 7103     | 6102     | 6360     | 6522     | 7.97   | cps   |
| Molybdenum | 95-1  | 9055     | 8645     | 8328     | 8676     | 4.20   | cps   |
| Molybdenum | 96-1  | 10030    | 9570     | 9479     | 9693     | 3.05   | cps   |
| Molybdenum | 97-1  | 5660     | 5101     | 5151     | 5304     | 5.83   | cps   |
| Molybdenum | 98-1  | 14969    | 13949    | 13674    | 14197    | 4.81   | cps   |
| Neodymium  | 150-1 | 187      | 187      | 260      | 211      | 20.05  | cps   |
| Neodymium  | 150-2 | 83       | 100      | 103      | 96       | 11.22  | cps   |
| Nickel     | 60-2  | 26872    | 27807    | 27416    | 27365    | 1.72   | cps   |
| Phosphorus | 31-2  | 508      | 533      | 658      | 567      | 14.18  | cps   |
| Potassium  | 39-2  | 1976493  | 2010892  | 1974522  | 1987303  | 1.03   | cps   |
| Rhodium    | 103-1 | 9990560  | 10039242 | 10339924 | 10123242 | 1.87   | cps   |
| Rhodium    | 103-2 | 5579076  | 5743944  | 5689568  | 5670863  | 1.48   | cps   |
| Scandium   | 45-1  | 5397134  | 5445583  | 5597192  | 5479969  | 1.90   | cps   |
| Scandium   | 45-2  | 404880   | 415603   | 407027   | 409170   | 1.39   | cps   |
| Selenium   | 77-2  | 37       | 27       | 47       | 37       | 27.27  | cps   |
| Selenium   | 78-2  | 93       | 111      | 111      | 105      | 10.19  | cps   |
| Selenium   | 82-1  | 245      | 244      | 252      | 247      | 1.78   | cps   |
| Silicon    | 28-1  | 37043533 | 37003755 | 37911743 | 37319677 | 1.37   | cps   |
| Silver     | 109-1 | 3059     | 2892     | 3009     | 2987     | 2.86   | cps   |
| Silver     | 107-1 | 3909     | 3184     | 3342     | 3478     | 10.97  | cps   |
| Sodium     | 23-2  | 32093272 | 32990622 | 32232922 | 32438938 | 1.49   | cps   |
| Strontium  | 86-1  | 2595901  | 2622443  | 2689512  | 2635952  | 1.83   | cps   |
| Strontium  | 88-1  | 23394831 | 23646527 | 24068215 | 23703191 | 1.44   | cps   |
| Sulfur     | 34-1  | 1503505  | 1513131  | 1528429  | 1515022  | 0.83   | cps   |
| Terbium    | 159-1 | 16104073 | 16381536 | 16868688 | 16451432 | 2.35   | cps   |
| Terbium    | 159-2 | 8341336  | 8457107  | 8309828  | 8369423  | 0.93   | cps   |
| Thallium   | 203-1 | 3184     | 2950     | 2667     | 2934     | 8.82   | cps   |
| Thallium   | 205-1 | 7352     | 6860     | 6510     | 6908     | 6.13   | cps   |
| Tin        | 118-1 | 18755    | 18137    | 18730    | 18541    | 1.88   | cps   |
| Titanium   | 47-1  | 1233     | 1250     | 1342     | 1275     | 4.58   | cps   |
| Uranium    | 238-1 | 109626   | 109590   | 113264   | 110826   | 1.90   | cps   |
| Vanadium   | 51-2  | 4364     | 4477     | 4577     | 4473     | 2.39   | cps   |
| Yttrium    | 89-1  | 11259505 | 11294372 | 11583358 | 11379078 | 1.56   | cps   |
| Yttrium    | 89-2  | 2072453  | 2128935  | 2097020  | 2099469  | 1.35   | cps   |
| Zinc       | 66-2  | 1313     | 1410     | 1420     | 1381     | 4.27   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW003-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:10:58 | DataFile Name :   | 063SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4561 | 3284 | 3476 | 3773    | 18.25  | cps   |
| Zirconium | 91-1 | 892  | 658  | 700  | 750     | 16.60  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-03 Instrumnet Name : P7  
 Client Sample ID : LF012MW144-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:14:32 DataFile Name : 064SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400      | 425      | 442      | 422      | 4.97   | cps   |
| Antimony   | 121-1 | 9212     | 8862     | 9770     | 9281     | 4.94   | cps   |
| Arsenic    | 75-2  | 1495     | 1415     | 1456     | 1455     | 2.74   | cps   |
| Barium     | 135-1 | 352855   | 352463   | 354763   | 353360   | 0.35   | cps   |
| Barium     | 137-1 | 619748   | 610542   | 615604   | 615298   | 0.75   | cps   |
| Beryllium  | 9-1   | 167      | 139      | 133      | 146      | 12.21  | cps   |
| Bismuth    | 209-1 | 10313551 | 10347863 | 10307277 | 10322897 | 0.21   | cps   |
| Bismuth    | 209-2 | 5413700  | 5428833  | 5470925  | 5437819  | 0.55   | cps   |
| Boron      | 10-1  | 57560    | 56849    | 56624    | 57011    | 0.86   | cps   |
| Boron      | 11-1  | 284761   | 282712   | 285845   | 284440   | 0.56   | cps   |
| Cadmium    | 111-1 | 1599     | 1602     | 1722     | 1641     | 4.27   | cps   |
| Cadmium    | 106-1 | 3017     | 3092     | 3251     | 3120     | 3.82   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 4        | 17       | 66.13  | cps   |
| Calcium    | 43-1  | 3879825  | 3878587  | 3850350  | 3869587  | 0.43   | cps   |
| Calcium    | 44-1  | 63703397 | 63890514 | 63495020 | 63696310 | 0.31   | cps   |
| Chromium   | 52-2  | 9510     | 9887     | 9326     | 9574     | 2.98   | cps   |
| Cobalt     | 59-2  | 8529     | 8296     | 8563     | 8463     | 1.72   | cps   |
| Copper     | 63-2  | 13700    | 13733    | 13403    | 13612    | 1.34   | cps   |
| Dysprosium | 156-1 | 33       | 67       | 75       | 58       | 37.79  | cps   |
| Dysprosium | 156-2 | 30       | 17       | 37       | 28       | 36.66  | cps   |
| Erbium     | 164-1 | 42       | 67       | 42       | 50       | 28.87  | cps   |
| Erbium     | 164-2 | 17       | 40       | 27       | 28       | 42.13  | cps   |
| Gadolinium | 160-1 | 67       | 83       | 83       | 78       | 12.37  | cps   |
| Gadolinium | 160-2 | 167      | 183      | 190      | 180      | 6.68   | cps   |
| Holmium    | 165-1 | 16170929 | 16114782 | 16159051 | 16148254 | 0.18   | cps   |
| Holmium    | 165-2 | 8397817  | 8359962  | 8324939  | 8360906  | 0.44   | cps   |
| Indium     | 115-1 | 11666603 | 11509033 | 11663056 | 11612897 | 0.77   | cps   |
| Indium     | 115-2 | 2637777  | 2629907  | 2615175  | 2627620  | 0.44   | cps   |
| Iron       | 56-2  | 5049504  | 5047379  | 5020347  | 5039077  | 0.32   | cps   |
| Iron       | 57-2  | 140639   | 140684   | 140123   | 140482   | 0.22   | cps   |
| Krypton    | 83-1  | 450      | 513      | 550      | 504      | 10.03  | cps   |
| Lead       | 206-1 | 2061     | 2039     | 1950     | 2017     | 2.92   | cps   |
| Lead       | 207-1 | 1639     | 1722     | 1817     | 1726     | 5.15   | cps   |
| Lead       | 208-1 | 8007     | 7896     | 7951     | 7951     | 0.70   | cps   |
| Lithium    | 6-1   | 1679512  | 1652004  | 1631759  | 1654425  | 1.45   | cps   |
| Magnesium  | 24-2  | 6019519  | 6041257  | 5970200  | 6010325  | 0.61   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW144-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:14:32 | DataFile Name :   | 064SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1413697  | 1418870  | 1404503  | 1412357  | 0.52   | cps   |
| Molybdenum | 94-1  | 3951     | 4009     | 4534     | 4165     | 7.72   | cps   |
| Molybdenum | 95-1  | 5518     | 5935     | 5952     | 5801     | 4.23   | cps   |
| Molybdenum | 96-1  | 6510     | 6560     | 6110     | 6393     | 3.86   | cps   |
| Molybdenum | 97-1  | 3609     | 3601     | 3651     | 3620     | 0.74   | cps   |
| Molybdenum | 98-1  | 9362     | 9378     | 9387     | 9376     | 0.14   | cps   |
| Neodymium  | 150-1 | 133      | 80       | 100      | 104      | 25.80  | cps   |
| Neodymium  | 150-2 | 30       | 50       | 63       | 48       | 35.11  | cps   |
| Nickel     | 60-2  | 4914     | 5141     | 5101     | 5052     | 2.40   | cps   |
| Phosphorus | 31-2  | 325      | 408      | 450      | 394      | 16.14  | cps   |
| Potassium  | 39-2  | 1676417  | 1683175  | 1669269  | 1676287  | 0.41   | cps   |
| Rhodium    | 103-1 | 10112920 | 10014612 | 10112816 | 10080116 | 0.56   | cps   |
| Rhodium    | 103-2 | 5598062  | 5595707  | 5602654  | 5598808  | 0.06   | cps   |
| Scandium   | 45-1  | 5474677  | 5492331  | 5460965  | 5475991  | 0.29   | cps   |
| Scandium   | 45-2  | 400886   | 402277   | 395920   | 399694   | 0.84   | cps   |
| Selenium   | 77-2  | 53       | 17       | 30       | 33       | 55.67  | cps   |
| Selenium   | 78-2  | 119      | 107      | 85       | 104      | 16.36  | cps   |
| Selenium   | 82-1  | 317      | 261      | 222      | 266      | 17.94  | cps   |
| Silicon    | 28-1  | 36532730 | 36466659 | 36298462 | 36432617 | 0.33   | cps   |
| Silver     | 109-1 | 2509     | 2525     | 2359     | 2464     | 3.73   | cps   |
| Silver     | 107-1 | 2967     | 2667     | 2534     | 2723     | 8.15   | cps   |
| Sodium     | 23-2  | 33099569 | 33398264 | 33123892 | 33207242 | 0.50   | cps   |
| Strontium  | 86-1  | 2676175  | 2637952  | 2644644  | 2652924  | 0.77   | cps   |
| Strontium  | 88-1  | 23755344 | 23859882 | 24009859 | 23875028 | 0.54   | cps   |
| Sulfur     | 34-1  | 1555094  | 1539686  | 1531359  | 1542046  | 0.78   | cps   |
| Terbium    | 159-1 | 16386740 | 16415346 | 16394683 | 16398923 | 0.09   | cps   |
| Terbium    | 159-2 | 8283374  | 8312520  | 8208616  | 8268170  | 0.65   | cps   |
| Thallium   | 203-1 | 1267     | 1392     | 1308     | 1322     | 4.81   | cps   |
| Thallium   | 205-1 | 3526     | 3151     | 3092     | 3256     | 7.22   | cps   |
| Tin        | 118-1 | 12831    | 13274    | 13916    | 13340    | 4.09   | cps   |
| Titanium   | 47-1  | 1158     | 1242     | 1083     | 1161     | 6.82   | cps   |
| Uranium    | 238-1 | 92180    | 90158    | 90461    | 90933    | 1.20   | cps   |
| Vanadium   | 51-2  | 5738     | 5554     | 5424     | 5572     | 2.83   | cps   |
| Yttrium    | 89-1  | 11282569 | 11371427 | 11384682 | 11346226 | 0.49   | cps   |
| Yttrium    | 89-2  | 2049167  | 2071127  | 2056779  | 2059024  | 0.54   | cps   |
| Zinc       | 66-2  | 1740     | 1620     | 1583     | 1648     | 4.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW144-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:14:32 | DataFile Name :   | 064SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2009 | 2510 | 1567 | 2028    | 23.26  | cps   |
| Zirconium | 91-1 | 458  | 592  | 442  | 497     | 16.54  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 450      | 442      | 408      | 433      | 5.09   | cps   |
| Antimony   | 121-1 | 9070     | 9337     | 9904     | 9437     | 4.51   | cps   |
| Arsenic    | 75-2  | 1422     | 1315     | 1339     | 1359     | 4.15   | cps   |
| Barium     | 135-1 | 358856   | 365917   | 365448   | 363407   | 1.09   | cps   |
| Barium     | 137-1 | 629748   | 630683   | 639256   | 633229   | 0.83   | cps   |
| Beryllium  | 9-1   | 133      | 167      | 144      | 148      | 11.45  | cps   |
| Bismuth    | 209-1 | 10304012 | 10367567 | 10360775 | 10344118 | 0.34   | cps   |
| Bismuth    | 209-2 | 5344842  | 5380745  | 5411234  | 5378940  | 0.62   | cps   |
| Boron      | 10-1  | 57192    | 58355    | 58255    | 57934    | 1.11   | cps   |
| Boron      | 11-1  | 291852   | 294518   | 294471   | 293614   | 0.52   | cps   |
| Cadmium    | 111-1 | 1682     | 1672     | 1722     | 1692     | 1.55   | cps   |
| Cadmium    | 106-1 | 3142     | 3192     | 3317     | 3217     | 2.80   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 17       | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 3954033  | 3964595  | 3926906  | 3948511  | 0.49   | cps   |
| Calcium    | 44-1  | 64992545 | 65148968 | 65079289 | 65073601 | 0.12   | cps   |
| Chromium   | 52-2  | 8249     | 8556     | 8843     | 8549     | 3.47   | cps   |
| Cobalt     | 59-2  | 8336     | 8463     | 8469     | 8423     | 0.89   | cps   |
| Copper     | 63-2  | 13627    | 13376    | 13506    | 13503    | 0.93   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 75       | 61       | 39.37  | cps   |
| Dysprosium | 156-2 | 30       | 30       | 27       | 29       | 6.65   | cps   |
| Erbium     | 164-1 | 58       | 142      | 33       | 78       | 72.93  | cps   |
| Erbium     | 164-2 | 43       | 30       | 23       | 32       | 31.61  | cps   |
| Gadolinium | 160-1 | 75       | 108      | 58       | 81       | 31.60  | cps   |
| Gadolinium | 160-2 | 140      | 207      | 167      | 171      | 19.61  | cps   |
| Holmium    | 165-1 | 16182275 | 16142308 | 16358012 | 16227531 | 0.71   | cps   |
| Holmium    | 165-2 | 8314286  | 8317340  | 8271613  | 8301080  | 0.31   | cps   |
| Indium     | 115-1 | 11493042 | 11607647 | 11559283 | 11553324 | 0.50   | cps   |
| Indium     | 115-2 | 2586204  | 2593652  | 2603146  | 2594334  | 0.33   | cps   |
| Iron       | 56-2  | 4844470  | 4855373  | 4859717  | 4853187  | 0.16   | cps   |
| Iron       | 57-2  | 135716   | 136522   | 137589   | 136609   | 0.69   | cps   |
| Krypton    | 83-1  | 427      | 480      | 547      | 484      | 12.41  | cps   |
| Lead       | 206-1 | 1939     | 2017     | 2145     | 2034     | 5.10   | cps   |
| Lead       | 207-1 | 1650     | 1839     | 1767     | 1752     | 5.44   | cps   |
| Lead       | 208-1 | 7757     | 8073     | 8073     | 7968     | 2.29   | cps   |
| Lithium    | 6-1   | 1673754  | 1672629  | 1654072  | 1666819  | 0.66   | cps   |
| Magnesium  | 24-2  | 6130706  | 6160914  | 6151289  | 6147637  | 0.25   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1439666  | 1436319  | 1451762  | 1442582  | 0.56   | cps   |
| Molybdenum | 94-1  | 3392     | 3209     | 3351     | 3317     | 2.90   | cps   |
| Molybdenum | 95-1  | 5243     | 5451     | 5043     | 5246     | 3.89   | cps   |
| Molybdenum | 96-1  | 5768     | 5751     | 5460     | 5660     | 3.07   | cps   |
| Molybdenum | 97-1  | 3100     | 3125     | 3309     | 3178     | 3.58   | cps   |
| Molybdenum | 98-1  | 7436     | 8353     | 8436     | 8075     | 6.88   | cps   |
| Neodymium  | 150-1 | 73       | 87       | 40       | 67       | 36.06  | cps   |
| Neodymium  | 150-2 | 10       | 20       | 13       | 14       | 35.26  | cps   |
| Nickel     | 60-2  | 4788     | 5031     | 4881     | 4900     | 2.51   | cps   |
| Phosphorus | 31-2  | 325      | 358      | 342      | 342      | 4.88   | cps   |
| Potassium  | 39-2  | 1682787  | 1686985  | 1709359  | 1693044  | 0.84   | cps   |
| Rhodium    | 103-1 | 10172628 | 10170421 | 10056398 | 10133149 | 0.66   | cps   |
| Rhodium    | 103-2 | 5517674  | 5502419  | 5542056  | 5520716  | 0.36   | cps   |
| Scandium   | 45-1  | 5466582  | 5425390  | 5381987  | 5424653  | 0.78   | cps   |
| Scandium   | 45-2  | 390410   | 390517   | 391740   | 390889   | 0.19   | cps   |
| Selenium   | 77-2  | 47       | 37       | 37       | 40       | 14.43  | cps   |
| Selenium   | 78-2  | 126      | 115      | 106      | 115      | 8.84   | cps   |
| Selenium   | 82-1  | 325      | 252      | 262      | 280      | 14.18  | cps   |
| Silicon    | 28-1  | 37215107 | 37584075 | 37561321 | 37453501 | 0.55   | cps   |
| Silver     | 109-1 | 2500     | 2559     | 2392     | 2484     | 3.41   | cps   |
| Silver     | 107-1 | 2434     | 2742     | 2725     | 2634     | 6.59   | cps   |
| Sodium     | 23-2  | 33904980 | 33857289 | 34033524 | 33931931 | 0.27   | cps   |
| Strontium  | 86-1  | 2727286  | 2752951  | 2757367  | 2745868  | 0.59   | cps   |
| Strontium  | 88-1  | 24541476 | 24795116 | 24668676 | 24668423 | 0.51   | cps   |
| Sulfur     | 34-1  | 1579577  | 1588274  | 1592904  | 1586918  | 0.43   | cps   |
| Terbium    | 159-1 | 16415947 | 16398274 | 16438609 | 16417610 | 0.12   | cps   |
| Terbium    | 159-2 | 8182386  | 8225472  | 8233357  | 8213738  | 0.33   | cps   |
| Thallium   | 203-1 | 900      | 975      | 1017     | 964      | 6.13   | cps   |
| Thallium   | 205-1 | 2267     | 2459     | 2284     | 2336     | 4.55   | cps   |
| Tin        | 118-1 | 11972    | 12273    | 12523    | 12256    | 2.25   | cps   |
| Titanium   | 47-1  | 1158     | 1192     | 1083     | 1145     | 4.85   | cps   |
| Uranium    | 238-1 | 93322    | 94873    | 94456    | 94217    | 0.85   | cps   |
| Vanadium   | 51-2  | 5521     | 5251     | 5384     | 5386     | 2.51   | cps   |
| Yttrium    | 89-1  | 11328272 | 11429577 | 11299959 | 11352602 | 0.60   | cps   |
| Yttrium    | 89-2  | 2032978  | 2025365  | 2025292  | 2027878  | 0.22   | cps   |
| Zinc       | 66-2  | 2480     | 2700     | 2384     | 2521     | 6.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DUP-0440-180410     | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:18:06 | DataFile Name :   | 065SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1825 | 1775 | 1809 | 1803    | 1.41   | cps   |
| Zirconium | 91-1 | 325  | 275  | 358  | 319     | 13.13  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 583      | 508      | 467      | 519      | 11.38  | cps   |
| Antimony   | 121-1 | 8320     | 8645     | 8620     | 8528     | 2.12   | cps   |
| Arsenic    | 75-2  | 652      | 685      | 635      | 657      | 3.87   | cps   |
| Barium     | 135-1 | 262307   | 259525   | 259802   | 260545   | 0.59   | cps   |
| Barium     | 137-1 | 456327   | 457150   | 451524   | 455000   | 0.67   | cps   |
| Beryllium  | 9-1   | 122      | 156      | 150      | 143      | 12.52  | cps   |
| Bismuth    | 209-1 | 10334106 | 10254487 | 10264706 | 10284433 | 0.42   | cps   |
| Bismuth    | 209-2 | 5334934  | 5328007  | 5391611  | 5351518  | 0.65   | cps   |
| Boron      | 10-1  | 58589    | 58121    | 57946    | 58219    | 0.57   | cps   |
| Boron      | 11-1  | 291691   | 292862   | 289026   | 291193   | 0.68   | cps   |
| Cadmium    | 111-1 | 1624     | 1711     | 1646     | 1660     | 2.72   | cps   |
| Cadmium    | 106-1 | 3117     | 3317     | 3151     | 3195     | 3.35   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 0        | 10       | 107.86 | cps   |
| Calcium    | 43-1  | 3700228  | 3674157  | 3610724  | 3661703  | 1.26   | cps   |
| Calcium    | 44-1  | 60735787 | 60275793 | 59545016 | 60185532 | 1.00   | cps   |
| Chromium   | 52-2  | 2504     | 2644     | 2514     | 2554     | 3.06   | cps   |
| Cobalt     | 59-2  | 3751     | 3737     | 3931     | 3806     | 2.84   | cps   |
| Copper     | 63-2  | 16556    | 16102    | 16323    | 16327    | 1.39   | cps   |
| Dysprosium | 156-1 | 92       | 58       | 75       | 75       | 22.22  | cps   |
| Dysprosium | 156-2 | 43       | 33       | 27       | 34       | 24.35  | cps   |
| Erbium     | 164-1 | 75       | 92       | 25       | 64       | 54.31  | cps   |
| Erbium     | 164-2 | 47       | 40       | 53       | 47       | 14.28  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 75       | 92       | 15.75  | cps   |
| Gadolinium | 160-2 | 160      | 157      | 197      | 171      | 12.97  | cps   |
| Holmium    | 165-1 | 15989524 | 15997716 | 15999046 | 15995429 | 0.03   | cps   |
| Holmium    | 165-2 | 8290792  | 8272773  | 8252953  | 8272172  | 0.23   | cps   |
| Indium     | 115-1 | 11399892 | 11411443 | 11325567 | 11378967 | 0.41   | cps   |
| Indium     | 115-2 | 2573440  | 2566019  | 2554459  | 2564639  | 0.37   | cps   |
| Iron       | 56-2  | 1255357  | 1249563  | 1253689  | 1252869  | 0.24   | cps   |
| Iron       | 57-2  | 48676    | 48659    | 48040    | 48458    | 0.75   | cps   |
| Krypton    | 83-1  | 470      | 520      | 447      | 479      | 7.82   | cps   |
| Lead       | 206-1 | 2656     | 2845     | 2750     | 2750     | 3.43   | cps   |
| Lead       | 207-1 | 2473     | 2373     | 2295     | 2380     | 3.74   | cps   |
| Lead       | 208-1 | 11052    | 10891    | 10936    | 10960    | 0.76   | cps   |
| Lithium    | 6-1   | 1674399  | 1645895  | 1619310  | 1646534  | 1.67   | cps   |
| Magnesium  | 24-2  | 6403563  | 6377472  | 6395588  | 6392208  | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 455688   | 452885   | 453406   | 453993   | 0.33   | cps   |
| Molybdenum | 94-1  | 1909     | 1892     | 2042     | 1947     | 4.22   | cps   |
| Molybdenum | 95-1  | 2625     | 2750     | 2867     | 2748     | 4.40   | cps   |
| Molybdenum | 96-1  | 3426     | 2950     | 2859     | 3078     | 9.88   | cps   |
| Molybdenum | 97-1  | 1775     | 1659     | 1425     | 1620     | 11.00  | cps   |
| Molybdenum | 98-1  | 4568     | 4284     | 4251     | 4368     | 3.99   | cps   |
| Neodymium  | 150-1 | 53       | 140      | 107      | 100      | 43.71  | cps   |
| Neodymium  | 150-2 | 37       | 13       | 33       | 28       | 45.44  | cps   |
| Nickel     | 60-2  | 3090     | 3240     | 3414     | 3248     | 4.98   | cps   |
| Phosphorus | 31-2  | 292      | 342      | 433      | 356      | 20.21  | cps   |
| Potassium  | 39-2  | 1796986  | 1768465  | 1776681  | 1780711  | 0.82   | cps   |
| Rhodium    | 103-1 | 9962747  | 9823162  | 9846056  | 9877322  | 0.76   | cps   |
| Rhodium    | 103-2 | 5496037  | 5458986  | 5474022  | 5476348  | 0.34   | cps   |
| Scandium   | 45-1  | 5380015  | 5321170  | 5209491  | 5303559  | 1.63   | cps   |
| Scandium   | 45-2  | 388534   | 386100   | 385653   | 386762   | 0.40   | cps   |
| Selenium   | 77-2  | 37       | 20       | 30       | 29       | 29.04  | cps   |
| Selenium   | 78-2  | 94       | 78       | 102      | 91       | 13.49  | cps   |
| Selenium   | 82-1  | 224      | 212      | 256      | 231      | 9.81   | cps   |
| Silicon    | 28-1  | 39594860 | 40034735 | 38866453 | 39498683 | 1.49   | cps   |
| Silver     | 109-1 | 2109     | 2300     | 2100     | 2170     | 5.22   | cps   |
| Silver     | 107-1 | 2459     | 2592     | 2217     | 2423     | 7.85   | cps   |
| Sodium     | 23-2  | 31503673 | 31290387 | 31394661 | 31396240 | 0.34   | cps   |
| Strontium  | 86-1  | 2839465  | 2840968  | 2815783  | 2832072  | 0.50   | cps   |
| Strontium  | 88-1  | 25547483 | 25855834 | 25225635 | 25542984 | 1.23   | cps   |
| Sulfur     | 34-1  | 1485397  | 1491410  | 1450540  | 1475782  | 1.50   | cps   |
| Terbium    | 159-1 | 16264531 | 16183728 | 16148821 | 16199027 | 0.37   | cps   |
| Terbium    | 159-2 | 8166052  | 8155428  | 8127151  | 8149544  | 0.25   | cps   |
| Thallium   | 203-1 | 400      | 367      | 333      | 367      | 9.09   | cps   |
| Thallium   | 205-1 | 992      | 950      | 942      | 961      | 2.79   | cps   |
| Tin        | 118-1 | 10421    | 10846    | 11038    | 10768    | 2.93   | cps   |
| Titanium   | 47-1  | 867      | 908      | 700      | 825      | 13.36  | cps   |
| Uranium    | 238-1 | 107785   | 106515   | 107106   | 107135   | 0.59   | cps   |
| Vanadium   | 51-2  | 2557     | 2480     | 2464     | 2500     | 1.99   | cps   |
| Yttrium    | 89-1  | 11205269 | 11035810 | 10984334 | 11075138 | 1.04   | cps   |
| Yttrium    | 89-2  | 2022297  | 2004652  | 2002784  | 2009911  | 0.54   | cps   |
| Zinc       | 66-2  | 18025    | 17547    | 17401    | 17658    | 1.85   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW164-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:21:41 | DataFile Name :   | 066SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1133 | 1142 | 1058 | 1111    | 4.13   | cps   |
| Zirconium | 91-1 | 275  | 300  | 275  | 283     | 5.09   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 317      | 442      | 492      | 417      | 21.63  | cps   |
| Antimony   | 121-1 | 7394     | 7786     | 7711     | 7630     | 2.73   | cps   |
| Arsenic    | 75-2  | 2897     | 2984     | 2967     | 2949     | 1.57   | cps   |
| Barium     | 135-1 | 343779   | 350363   | 347321   | 347154   | 0.95   | cps   |
| Barium     | 137-1 | 597948   | 602957   | 602925   | 601277   | 0.48   | cps   |
| Beryllium  | 9-1   | 117      | 117      | 133      | 122      | 7.87   | cps   |
| Bismuth    | 209-1 | 10078707 | 10186376 | 10204070 | 10156384 | 0.67   | cps   |
| Bismuth    | 209-2 | 5282938  | 5316744  | 5379899  | 5326527  | 0.92   | cps   |
| Boron      | 10-1  | 58547    | 59510    | 60505    | 59521    | 1.64   | cps   |
| Boron      | 11-1  | 294952   | 297991   | 297178   | 296707   | 0.53   | cps   |
| Cadmium    | 111-1 | 1783     | 1509     | 1510     | 1601     | 9.85   | cps   |
| Cadmium    | 106-1 | 3259     | 2859     | 2834     | 2984     | 7.99   | cps   |
| Cadmium    | 108-1 | 25       | 29       | 33       | 29       | 14.28  | cps   |
| Calcium    | 43-1  | 3520978  | 3480707  | 3506899  | 3502861  | 0.58   | cps   |
| Calcium    | 44-1  | 57967978 | 57586387 | 57927622 | 57827329 | 0.36   | cps   |
| Chromium   | 52-2  | 10364    | 10327    | 9867     | 10186    | 2.72   | cps   |
| Cobalt     | 59-2  | 8259     | 7992     | 8079     | 8110     | 1.68   | cps   |
| Copper     | 63-2  | 11915    | 11858    | 11958    | 11911    | 0.42   | cps   |
| Dysprosium | 156-1 | 67       | 92       | 58       | 72       | 24.02  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 20       | 26       | 19.92  | cps   |
| Erbium     | 164-1 | 67       | 42       | 117      | 75       | 50.92  | cps   |
| Erbium     | 164-2 | 33       | 43       | 63       | 47       | 32.74  | cps   |
| Gadolinium | 160-1 | 133      | 83       | 50       | 89       | 47.19  | cps   |
| Gadolinium | 160-2 | 140      | 190      | 177      | 169      | 15.33  | cps   |
| Holmium    | 165-1 | 15714715 | 15854413 | 15837150 | 15802093 | 0.48   | cps   |
| Holmium    | 165-2 | 8177468  | 8235436  | 8244978  | 8219294  | 0.44   | cps   |
| Indium     | 115-1 | 11132815 | 11230329 | 11242721 | 11201955 | 0.54   | cps   |
| Indium     | 115-2 | 2515818  | 2552696  | 2579743  | 2549419  | 1.26   | cps   |
| Iron       | 56-2  | 11029845 | 11015552 | 11123106 | 11056168 | 0.53   | cps   |
| Iron       | 57-2  | 278042   | 278197   | 282914   | 279717   | 0.99   | cps   |
| Krypton    | 83-1  | 493      | 553      | 463      | 503      | 9.10   | cps   |
| Lead       | 206-1 | 1589     | 1656     | 1611     | 1619     | 2.10   | cps   |
| Lead       | 207-1 | 1550     | 1356     | 1356     | 1420     | 7.90   | cps   |
| Lead       | 208-1 | 6623     | 6095     | 6451     | 6390     | 4.21   | cps   |
| Lithium    | 6-1   | 1628384  | 1629110  | 1608280  | 1621925  | 0.73   | cps   |
| Magnesium  | 24-2  | 5904637  | 5931083  | 5991198  | 5942306  | 0.75   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1578128  | 1594631  | 1605753  | 1592837  | 0.87   | cps   |
| Molybdenum | 94-1  | 3376     | 3092     | 3259     | 3242     | 4.40   | cps   |
| Molybdenum | 95-1  | 4834     | 4626     | 4701     | 4720     | 2.24   | cps   |
| Molybdenum | 96-1  | 4934     | 4843     | 5601     | 5126     | 8.08   | cps   |
| Molybdenum | 97-1  | 2984     | 2967     | 2842     | 2931     | 2.64   | cps   |
| Molybdenum | 98-1  | 7819     | 7836     | 6902     | 7519     | 7.11   | cps   |
| Neodymium  | 150-1 | 40       | 67       | 73       | 60       | 29.40  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 33       | 29       | 13.31  | cps   |
| Nickel     | 60-2  | 4611     | 4647     | 4581     | 4613     | 0.72   | cps   |
| Phosphorus | 31-2  | 375      | 275      | 375      | 342      | 16.90  | cps   |
| Potassium  | 39-2  | 1017881  | 1024836  | 1032666  | 1025128  | 0.72   | cps   |
| Rhodium    | 103-1 | 9771842  | 9858340  | 9826802  | 9818994  | 0.45   | cps   |
| Rhodium    | 103-2 | 5349392  | 5437372  | 5501860  | 5429541  | 1.41   | cps   |
| Scandium   | 45-1  | 5261583  | 5220330  | 5223711  | 5235208  | 0.44   | cps   |
| Scandium   | 45-2  | 380558   | 383098   | 390990   | 384882   | 1.41   | cps   |
| Selenium   | 77-2  | 33       | 47       | 27       | 36       | 28.64  | cps   |
| Selenium   | 78-2  | 109      | 87       | 117      | 104      | 14.78  | cps   |
| Selenium   | 82-1  | 234      | 196      | 339      | 256      | 28.93  | cps   |
| Silicon    | 28-1  | 35545854 | 35664588 | 35535542 | 35581995 | 0.20   | cps   |
| Silver     | 109-1 | 1717     | 1909     | 1667     | 1764     | 7.23   | cps   |
| Silver     | 107-1 | 1909     | 2075     | 1867     | 1950     | 5.65   | cps   |
| Sodium     | 23-2  | 34763597 | 34865270 | 35088941 | 34905936 | 0.48   | cps   |
| Strontium  | 86-1  | 2436672  | 2464797  | 2474404  | 2458624  | 0.80   | cps   |
| Strontium  | 88-1  | 22059146 | 22444362 | 22279925 | 22261144 | 0.87   | cps   |
| Sulfur     | 34-1  | 1459122  | 1440988  | 1439566  | 1446559  | 0.75   | cps   |
| Terbium    | 159-1 | 16030555 | 16227085 | 16069034 | 16108891 | 0.65   | cps   |
| Terbium    | 159-2 | 8052265  | 8130183  | 8219401  | 8133950  | 1.03   | cps   |
| Thallium   | 203-1 | 433      | 358      | 342      | 378      | 12.93  | cps   |
| Thallium   | 205-1 | 892      | 633      | 708      | 744      | 17.85  | cps   |
| Tin        | 118-1 | 9212     | 9028     | 9312     | 9184     | 1.57   | cps   |
| Titanium   | 47-1  | 1008     | 858      | 1242     | 1036     | 18.65  | cps   |
| Uranium    | 238-1 | 78959    | 76636    | 76721    | 77439    | 1.70   | cps   |
| Vanadium   | 51-2  | 3430     | 3434     | 3354     | 3406     | 1.33   | cps   |
| Yttrium    | 89-1  | 10825102 | 11020985 | 10923832 | 10923307 | 0.90   | cps   |
| Yttrium    | 89-2  | 1972695  | 1996415  | 2009649  | 1992920  | 0.94   | cps   |
| Zinc       | 66-2  | 1583     | 1470     | 1523     | 1526     | 3.72   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-06            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW031-180411   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:25:14 | DataFile Name :   | 067SMPL_P7042318- M1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1525 | 1450 | 1909 | 1628    | 15.10  | cps   |
| Zirconium | 91-1 | 450  | 350  | 533  | 444     | 20.65  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5643747   | 5655532   | 5580793   | 5626691   | 0.71   | cps   |
| Antimony   | 121-1 | 4737203   | 4766984   | 4727276   | 4743821   | 0.44   | cps   |
| Arsenic    | 75-2  | 198882    | 199893    | 197078    | 198617    | 0.72   | cps   |
| Barium     | 135-1 | 5701139   | 5711806   | 5679673   | 5697539   | 0.29   | cps   |
| Barium     | 137-1 | 10036900  | 9966962   | 9946712   | 9983524   | 0.47   | cps   |
| Beryllium  | 9-1   | 641641    | 642742    | 650072    | 644818    | 0.71   | cps   |
| Bismuth    | 209-1 | 10457742  | 10387814  | 10283084  | 10376213  | 0.85   | cps   |
| Bismuth    | 209-2 | 5495153   | 5540627   | 5454328   | 5496702   | 0.79   | cps   |
| Boron      | 10-1  | 77264     | 79518     | 81310     | 79364     | 2.55   | cps   |
| Boron      | 11-1  | 375780    | 390009    | 391316    | 385702    | 2.23   | cps   |
| Cadmium    | 111-1 | 1059158   | 1047139   | 1048069   | 1051455   | 0.64   | cps   |
| Cadmium    | 106-1 | 116500    | 115417    | 115358    | 115758    | 0.56   | cps   |
| Cadmium    | 108-1 | 78466     | 79023     | 78696     | 78728     | 0.36   | cps   |
| Calcium    | 43-1  | 5335170   | 5353593   | 5355083   | 5347949   | 0.21   | cps   |
| Calcium    | 44-1  | 87620442  | 88161310  | 87938560  | 87906771  | 0.31   | cps   |
| Chromium   | 52-2  | 1722970   | 1731092   | 1697737   | 1717266   | 1.01   | cps   |
| Cobalt     | 59-2  | 2565484   | 2589036   | 2533944   | 2562821   | 1.08   | cps   |
| Copper     | 63-2  | 3536437   | 3524980   | 3461222   | 3507546   | 1.16   | cps   |
| Dysprosium | 156-1 | 142       | 50        | 92        | 94        | 48.60  | cps   |
| Dysprosium | 156-2 | 70        | 73        | 70        | 71        | 2.70   | cps   |
| Erbium     | 164-1 | 33        | 92        | 67        | 64        | 45.81  | cps   |
| Erbium     | 164-2 | 30        | 40        | 40        | 37        | 15.75  | cps   |
| Gadolinium | 160-1 | 58        | 108       | 125       | 97        | 35.68  | cps   |
| Gadolinium | 160-2 | 197       | 217       | 143       | 186       | 20.43  | cps   |
| Holmium    | 165-1 | 16824938  | 16876134  | 16823310  | 16841460  | 0.18   | cps   |
| Holmium    | 165-2 | 8724239   | 8742358   | 8583239   | 8683279   | 1.00   | cps   |
| Indium     | 115-1 | 11543253  | 11508185  | 11500262  | 11517233  | 0.20   | cps   |
| Indium     | 115-2 | 2714393   | 2698014   | 2644436   | 2685614   | 1.36   | cps   |
| Iron       | 56-2  | 348844897 | 348166163 | 342123530 | 346378197 | 1.07   | cps   |
| Iron       | 57-2  | 8523684   | 8569372   | 8348564   | 8480540   | 1.37   | cps   |
| Krypton    | 83-1  | 493       | 443       | 540       | 492       | 9.82   | cps   |
| Lead       | 206-1 | 3904521   | 3926090   | 3873346   | 3901319   | 0.68   | cps   |
| Lead       | 207-1 | 3407212   | 3408571   | 3393776   | 3403186   | 0.24   | cps   |
| Lead       | 208-1 | 15673668  | 15680622  | 15601315  | 15651868  | 0.28   | cps   |
| Lithium    | 6-1   | 1815225   | 1840284   | 1838677   | 1831395   | 0.77   | cps   |
| Magnesium  | 24-2  | 62887210  | 63188997  | 62187843  | 62754683  | 0.82   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1894072   | 1896202   | 1876166   | 1888813   | 0.58   | cps   |
| Molybdenum | 94-1  | 8914825   | 8976675   | 9000289   | 8963930   | 0.49   | cps   |
| Molybdenum | 95-1  | 11105410  | 11174927  | 11123950  | 11134762  | 0.32   | cps   |
| Molybdenum | 96-1  | 12214625  | 12168478  | 12115225  | 12166109  | 0.41   | cps   |
| Molybdenum | 97-1  | 6891890   | 6940685   | 6866861   | 6899812   | 0.54   | cps   |
| Molybdenum | 98-1  | 17866946  | 17868316  | 17795116  | 17843459  | 0.23   | cps   |
| Neodymium  | 150-1 | 440       | 413       | 360       | 404       | 10.07  | cps   |
| Neodymium  | 150-2 | 90        | 80        | 87        | 86        | 5.95   | cps   |
| Nickel     | 60-2  | 675272    | 670761    | 661042    | 669025    | 1.09   | cps   |
| Phosphorus | 31-2  | 63921     | 64248     | 63243     | 63804     | 0.80   | cps   |
| Potassium  | 39-2  | 33585439  | 34061547  | 33283221  | 33643402  | 1.17   | cps   |
| Rhodium    | 103-1 | 10337381  | 10335871  | 10360712  | 10344655  | 0.13   | cps   |
| Rhodium    | 103-2 | 5581090   | 5590093   | 5467695   | 5546293   | 1.23   | cps   |
| Scandium   | 45-1  | 6119190   | 6135081   | 6133470   | 6129247   | 0.14   | cps   |
| Scandium   | 45-2  | 432691    | 437648    | 429687    | 433342    | 0.93   | cps   |
| Selenium   | 77-2  | 3874      | 4001      | 4094      | 3990      | 2.77   | cps   |
| Selenium   | 78-2  | 13356     | 13301     | 12765     | 13141     | 2.48   | cps   |
| Selenium   | 82-1  | 60719     | 61799     | 60987     | 61168     | 0.92   | cps   |
| Silicon    | 28-1  | 2677661   | 2720442   | 2761561   | 2719888   | 1.54   | cps   |
| Silver     | 109-1 | 5039764   | 5030217   | 5050562   | 5040181   | 0.20   | cps   |
| Silver     | 107-1 | 5259329   | 5255347   | 5267962   | 5260879   | 0.12   | cps   |
| Sodium     | 23-2  | 122265378 | 122455757 | 119445828 | 121388987 | 1.39   | cps   |
| Strontium  | 86-1  | 1349768   | 1371818   | 1367832   | 1363140   | 0.86   | cps   |
| Strontium  | 88-1  | 12228348  | 12332235  | 12267114  | 12275899  | 0.43   | cps   |
| Sulfur     | 34-1  | 669932    | 674116    | 677065    | 673704    | 0.53   | cps   |
| Terbium    | 159-1 | 17005607  | 16989236  | 16815424  | 16936756  | 0.62   | cps   |
| Terbium    | 159-2 | 8619968   | 8570424   | 8397057   | 8529149   | 1.37   | cps   |
| Thallium   | 203-1 | 4842162   | 4860933   | 4843628   | 4848908   | 0.22   | cps   |
| Thallium   | 205-1 | 11745663  | 11736720  | 11613642  | 11698675  | 0.63   | cps   |
| Tin        | 118-1 | 3578126   | 3609145   | 3571924   | 3586399   | 0.56   | cps   |
| Titanium   | 47-1  | 2531335   | 2543219   | 2530609   | 2535054   | 0.28   | cps   |
| Uranium    | 238-1 | 17131025  | 17065104  | 17006622  | 17067584  | 0.36   | cps   |
| Vanadium   | 51-2  | 1407243   | 1408494   | 1388874   | 1401537   | 0.78   | cps   |
| Yttrium    | 89-1  | 11907036  | 11999881  | 11878788  | 11928568  | 0.53   | cps   |
| Yttrium    | 89-2  | 2212446   | 2205630   | 2161900   | 2193326   | 1.25   | cps   |
| Zinc       | 66-2  | 509412    | 510022    | 505693    | 508376    | 0.46   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:28:47 | DataFile Name :   | 068CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7310226 | 7369317 | 7330179 | 7336574 | 0.41   | cps   |
| Zirconium | 91-1 | 1607177 | 1610280 | 1600388 | 1605948 | 0.32   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCB92 Instrumnet Name : P7  
 Client Sample ID : CCB92 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:35:48 DataFile Name : 069CCBE\_P7042318- M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 75       | 92       | 83       | 10.00  | cps   |
| Antimony   | 121-1 | 1534     | 2384     | 2834     | 2250     | 29.34  | cps   |
| Arsenic    | 75-2  | 20       | 19       | 19       | 19       | 5.58   | cps   |
| Barium     | 135-1 | 50       | 83       | 100      | 78       | 32.73  | cps   |
| Barium     | 137-1 | 75       | 133      | 150      | 119      | 32.97  | cps   |
| Beryllium  | 9-1   | 167      | 183      | 150      | 167      | 10.00  | cps   |
| Bismuth    | 209-1 | 10938616 | 10903637 | 10897318 | 10913190 | 0.20   | cps   |
| Bismuth    | 209-2 | 5875962  | 5886804  | 5819716  | 5860827  | 0.61   | cps   |
| Boron      | 10-1  | 1842     | 1875     | 2000     | 1906     | 4.38   | cps   |
| Boron      | 11-1  | 8861     | 8536     | 8228     | 8542     | 3.71   | cps   |
| Cadmium    | 111-1 | 1659     | 1486     | 1640     | 1595     | 5.97   | cps   |
| Cadmium    | 106-1 | 3292     | 2925     | 3192     | 3137     | 6.04   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 8        | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 175      | 192      | 275      | 214      | 25.05  | cps   |
| Calcium    | 44-1  | 11238    | 11255    | 10980    | 11157    | 1.38   | cps   |
| Chromium   | 52-2  | 677      | 683      | 610      | 657      | 6.18   | cps   |
| Cobalt     | 59-2  | 57       | 87       | 80       | 74       | 21.16  | cps   |
| Copper     | 63-2  | 2034     | 2000     | 1974     | 2002     | 1.50   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 42       | 67       | 17       | 42       | 60.00  | cps   |
| Erbium     | 164-2 | 17       | 20       | 23       | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 67       | 75       | 100      | 81       | 21.53  | cps   |
| Gadolinium | 160-2 | 173      | 147      | 173      | 164      | 9.36   | cps   |
| Holmium    | 165-1 | 16318981 | 16507347 | 16459315 | 16428548 | 0.60   | cps   |
| Holmium    | 165-2 | 8720021  | 8606741  | 8608225  | 8644995  | 0.75   | cps   |
| Indium     | 115-1 | 11885126 | 11842296 | 11796845 | 11841422 | 0.37   | cps   |
| Indium     | 115-2 | 2798459  | 2796526  | 2786249  | 2793745  | 0.23   | cps   |
| Iron       | 56-2  | 7208     | 7653     | 7308     | 7389     | 3.16   | cps   |
| Iron       | 57-2  | 567      | 556      | 528      | 550      | 3.64   | cps   |
| Krypton    | 83-1  | 523      | 490      | 520      | 511      | 3.59   | cps   |
| Lead       | 206-1 | 1422     | 1506     | 1550     | 1493     | 4.35   | cps   |
| Lead       | 207-1 | 1411     | 1456     | 1283     | 1383     | 6.46   | cps   |
| Lead       | 208-1 | 5951     | 6367     | 6273     | 6197     | 3.53   | cps   |
| Lithium    | 6-1   | 1971954  | 1961892  | 1955877  | 1963241  | 0.41   | cps   |
| Magnesium  | 24-2  | 675      | 817      | 800      | 764      | 10.14  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:35:48 | DataFile Name :   | 069CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 113      | 87       | 73       | 91       | 22.36  | cps   |
| Molybdenum | 94-1  | 750      | 758      | 783      | 764      | 2.27   | cps   |
| Molybdenum | 95-1  | 783      | 817      | 892      | 831      | 6.68   | cps   |
| Molybdenum | 96-1  | 792      | 783      | 708      | 761      | 6.03   | cps   |
| Molybdenum | 97-1  | 467      | 542      | 383      | 464      | 17.07  | cps   |
| Molybdenum | 98-1  | 1217     | 1484     | 1267     | 1322     | 10.72  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 43       | 37       | 57       | 46       | 22.36  | cps   |
| Phosphorus | 31-2  | 400      | 458      | 383      | 414      | 9.52   | cps   |
| Potassium  | 39-2  | 56115    | 56325    | 55304    | 55915    | 0.96   | cps   |
| Rhodium    | 103-1 | 10902358 | 10917243 | 10907688 | 10909096 | 0.07   | cps   |
| Rhodium    | 103-2 | 6052161  | 5910046  | 5859420  | 5940542  | 1.68   | cps   |
| Scandium   | 45-1  | 6071594  | 6065206  | 6132060  | 6089620  | 0.61   | cps   |
| Scandium   | 45-2  | 412923   | 413108   | 410622   | 412218   | 0.34   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 107      | 106      | 106      | 106      | 1.01   | cps   |
| Selenium   | 82-1  | -11      | 16       | 32       | 12       | 175.60 | cps   |
| Silicon    | 28-1  | 249642   | 253134   | 251226   | 251334   | 0.70   | cps   |
| Silver     | 109-1 | 433      | 558      | 592      | 528      | 15.82  | cps   |
| Silver     | 107-1 | 592      | 650      | 708      | 650      | 8.97   | cps   |
| Sodium     | 23-2  | 33563    | 35526    | 34140    | 34410    | 2.93   | cps   |
| Strontium  | 86-1  | 783      | 950      | 675      | 803      | 17.26  | cps   |
| Strontium  | 88-1  | 233      | 217      | 267      | 239      | 10.66  | cps   |
| Sulfur     | 34-1  | 390931   | 391425   | 391287   | 391214   | 0.07   | cps   |
| Terbium    | 159-1 | 16630213 | 16631861 | 16644493 | 16635523 | 0.05   | cps   |
| Terbium    | 159-2 | 8569217  | 8572373  | 8504614  | 8548735  | 0.45   | cps   |
| Thallium   | 203-1 | 1092     | 1075     | 1075     | 1081     | 0.89   | cps   |
| Thallium   | 205-1 | 2567     | 2717     | 2375     | 2553     | 6.71   | cps   |
| Tin        | 118-1 | 600      | 800      | 842      | 747      | 17.29  | cps   |
| Titanium   | 47-1  | 133      | 175      | 108      | 139      | 24.25  | cps   |
| Uranium    | 238-1 | 92       | 92       | 33       | 72       | 46.64  | cps   |
| Vanadium   | 51-2  | 70       | 73       | 57       | 67       | 13.22  | cps   |
| Yttrium    | 89-1  | 11805153 | 11837819 | 11741404 | 11794792 | 0.42   | cps   |
| Yttrium    | 89-2  | 2175650  | 2166096  | 2155906  | 2165884  | 0.46   | cps   |
| Zinc       | 66-2  | 153      | 167      | 213      | 178      | 17.72  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:35:48 | DataFile Name :   | 069CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 750  | 958  | 992  | 900     | 14.55  | cps   |
| Zirconium | 91-1 | 225  | 225  | 208  | 219     | 4.39   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 458      | 417      | 542      | 472      | 13.48  | cps   |
| Antimony   | 121-1 | 8987     | 10513    | 11489    | 10329    | 12.21  | cps   |
| Arsenic    | 75-2  | 9351     | 9307     | 9216     | 9291     | 0.74   | cps   |
| Barium     | 135-1 | 792511   | 790027   | 792045   | 791528   | 0.17   | cps   |
| Barium     | 137-1 | 1375235  | 1387386  | 1379667  | 1380762  | 0.45   | cps   |
| Beryllium  | 9-1   | 217      | 144      | 100      | 154      | 38.31  | cps   |
| Bismuth    | 209-1 | 10201088 | 10344856 | 10328309 | 10291418 | 0.76   | cps   |
| Bismuth    | 209-2 | 5441274  | 5439190  | 5434299  | 5438254  | 0.07   | cps   |
| Boron      | 10-1  | 47877    | 47768    | 48813    | 48153    | 1.19   | cps   |
| Boron      | 11-1  | 239611   | 237980   | 236125   | 237905   | 0.73   | cps   |
| Cadmium    | 111-1 | 1615     | 1563     | 1666     | 1615     | 3.17   | cps   |
| Cadmium    | 106-1 | 3075     | 2967     | 3167     | 3070     | 3.26   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 38       | 25       | 60.10  | cps   |
| Calcium    | 43-1  | 3560759  | 3546976  | 3508109  | 3538615  | 0.77   | cps   |
| Calcium    | 44-1  | 58676060 | 58467412 | 58407124 | 58516865 | 0.24   | cps   |
| Chromium   | 52-2  | 2970     | 2920     | 3014     | 2968     | 1.57   | cps   |
| Cobalt     | 59-2  | 2317     | 2544     | 2484     | 2448     | 4.80   | cps   |
| Copper     | 63-2  | 13530    | 13033    | 13009    | 13191    | 2.23   | cps   |
| Dysprosium | 156-1 | 33       | 83       | 92       | 69       | 45.44  | cps   |
| Dysprosium | 156-2 | 43       | 27       | 47       | 39       | 27.55  | cps   |
| Erbium     | 164-1 | 75       | 75       | 133      | 94       | 35.66  | cps   |
| Erbium     | 164-2 | 70       | 27       | 50       | 49       | 44.36  | cps   |
| Gadolinium | 160-1 | 108      | 142      | 108      | 119      | 16.11  | cps   |
| Gadolinium | 160-2 | 117      | 187      | 170      | 158      | 23.17  | cps   |
| Holmium    | 165-1 | 15805355 | 15919186 | 15942346 | 15888963 | 0.46   | cps   |
| Holmium    | 165-2 | 8335472  | 8295641  | 8277099  | 8302737  | 0.36   | cps   |
| Indium     | 115-1 | 11230669 | 11358662 | 11469811 | 11353047 | 1.05   | cps   |
| Indium     | 115-2 | 2580764  | 2590115  | 2589887  | 2586922  | 0.21   | cps   |
| Iron       | 56-2  | 34231128 | 34090876 | 34075914 | 34132639 | 0.25   | cps   |
| Iron       | 57-2  | 831137   | 829108   | 836073   | 832106   | 0.43   | cps   |
| Krypton    | 83-1  | 523      | 543      | 597      | 554      | 6.84   | cps   |
| Lead       | 206-1 | 2617     | 2995     | 2423     | 2678     | 10.87  | cps   |
| Lead       | 207-1 | 2256     | 2078     | 2156     | 2163     | 4.12   | cps   |
| Lead       | 208-1 | 10280    | 10674    | 10219    | 10391    | 2.38   | cps   |
| Lithium    | 6-1   | 1820186  | 1796689  | 1791384  | 1802753  | 0.85   | cps   |
| Magnesium  | 24-2  | 4852862  | 4846290  | 4799319  | 4832824  | 0.60   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1812670  | 1801776  | 1812232  | 1808893  | 0.34   | cps   |
| Molybdenum | 94-1  | 4401     | 4176     | 4092     | 4223     | 3.78   | cps   |
| Molybdenum | 95-1  | 5910     | 5668     | 5951     | 5843     | 2.62   | cps   |
| Molybdenum | 96-1  | 6719     | 6777     | 6485     | 6660     | 2.32   | cps   |
| Molybdenum | 97-1  | 3309     | 3976     | 3334     | 3539     | 10.68  | cps   |
| Molybdenum | 98-1  | 9295     | 9287     | 8736     | 9106     | 3.52   | cps   |
| Neodymium  | 150-1 | 180      | 120      | 100      | 133      | 31.23  | cps   |
| Neodymium  | 150-2 | 23       | 20       | 33       | 26       | 27.15  | cps   |
| Nickel     | 60-2  | 1357     | 1500     | 1350     | 1402     | 6.04   | cps   |
| Phosphorus | 31-2  | 617      | 658      | 525      | 600      | 11.37  | cps   |
| Potassium  | 39-2  | 1845668  | 1851209  | 1849848  | 1848908  | 0.16   | cps   |
| Rhodium    | 103-1 | 9784588  | 9938307  | 9984625  | 9902507  | 1.06   | cps   |
| Rhodium    | 103-2 | 5430068  | 5482888  | 5474230  | 5462395  | 0.52   | cps   |
| Scandium   | 45-1  | 5420518  | 5401544  | 5375080  | 5399047  | 0.42   | cps   |
| Scandium   | 45-2  | 383709   | 383113   | 382635   | 383152   | 0.14   | cps   |
| Selenium   | 77-2  | 23       | 20       | 20       | 21       | 9.11   | cps   |
| Selenium   | 78-2  | 83       | 111      | 104      | 99       | 14.48  | cps   |
| Selenium   | 82-1  | 169      | 117      | 114      | 134      | 23.12  | cps   |
| Silicon    | 28-1  | 37425764 | 36918475 | 36804758 | 37049666 | 0.89   | cps   |
| Silver     | 109-1 | 3767     | 3359     | 3326     | 3484     | 7.06   | cps   |
| Silver     | 107-1 | 4042     | 3409     | 3534     | 3662     | 9.16   | cps   |
| Sodium     | 23-2  | 20958006 | 20931098 | 20922155 | 20937086 | 0.09   | cps   |
| Strontium  | 86-1  | 2013135  | 2004768  | 2003004  | 2006969  | 0.27   | cps   |
| Strontium  | 88-1  | 17977708 | 18162362 | 18062859 | 18067643 | 0.51   | cps   |
| Sulfur     | 34-1  | 1333026  | 1326788  | 1317694  | 1325836  | 0.58   | cps   |
| Terbium    | 159-1 | 15932006 | 16105280 | 16163178 | 16066821 | 0.75   | cps   |
| Terbium    | 159-2 | 8204042  | 8187630  | 8157830  | 8183167  | 0.29   | cps   |
| Thallium   | 203-1 | 6277     | 3976     | 2642     | 4298     | 42.78  | cps   |
| Thallium   | 205-1 | 15118    | 9012     | 6027     | 10052    | 46.10  | cps   |
| Tin        | 118-1 | 10046    | 10329    | 10396    | 10257    | 1.81   | cps   |
| Titanium   | 47-1  | 842      | 800      | 792      | 811      | 3.30   | cps   |
| Uranium    | 238-1 | 6735     | 6927     | 6685     | 6783     | 1.88   | cps   |
| Vanadium   | 51-2  | 1257     | 1397     | 1237     | 1297     | 6.72   | cps   |
| Yttrium    | 89-1  | 10918769 | 10997417 | 11154842 | 11023676 | 1.09   | cps   |
| Yttrium    | 89-2  | 2012027  | 2002300  | 2019465  | 2011264  | 0.43   | cps   |
| Zinc       | 66-2  | 1293     | 1503     | 1497     | 1431     | 8.34   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW033-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:39:21 | DataFile Name :   | 070SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2725 | 2600 | 2592 | 2639    | 2.83   | cps   |
| Zirconium | 91-1 | 600  | 617  | 558  | 592     | 5.08   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-08 Instrumnet Name : P7  
 Client Sample ID : SS032MW001-180411 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:42:55 DataFile Name : 071SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 592      | 517      | 508      | 539      | 8.52   | cps   |
| Antimony   | 121-1 | 6777     | 6902     | 7586     | 7088     | 6.14   | cps   |
| Arsenic    | 75-2  | 226      | 237      | 230      | 231      | 2.45   | cps   |
| Barium     | 135-1 | 268811   | 272764   | 273086   | 271554   | 0.88   | cps   |
| Barium     | 137-1 | 472936   | 468488   | 479631   | 473685   | 1.18   | cps   |
| Beryllium  | 9-1   | 167      | 128      | 139      | 144      | 13.87  | cps   |
| Bismuth    | 209-1 | 10200223 | 10259270 | 10240802 | 10233432 | 0.30   | cps   |
| Bismuth    | 209-2 | 5392823  | 5445317  | 5411771  | 5416637  | 0.49   | cps   |
| Boron      | 10-1  | 44718    | 45569    | 45135    | 45141    | 0.94   | cps   |
| Boron      | 11-1  | 225121   | 224044   | 226584   | 225250   | 0.57   | cps   |
| Cadmium    | 111-1 | 1614     | 1551     | 1635     | 1600     | 2.72   | cps   |
| Cadmium    | 106-1 | 2992     | 2942     | 3009     | 2981     | 1.16   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 4        | 13       | 57.72  | cps   |
| Calcium    | 43-1  | 2518016  | 2529435  | 2513645  | 2520366  | 0.32   | cps   |
| Calcium    | 44-1  | 41734489 | 41556054 | 41578916 | 41623153 | 0.23   | cps   |
| Chromium   | 52-2  | 4004     | 4197     | 4171     | 4124     | 2.54   | cps   |
| Cobalt     | 59-2  | 427      | 390      | 373      | 397      | 6.88   | cps   |
| Copper     | 63-2  | 12259    | 12739    | 11948    | 12315    | 3.23   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 42       | 31       | 41.65  | cps   |
| Dysprosium | 156-2 | 13       | 23       | 7        | 14       | 58.06  | cps   |
| Erbium     | 164-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 27       | 37       | 43       | 36       | 23.58  | cps   |
| Gadolinium | 160-1 | 92       | 67       | 58       | 72       | 24.02  | cps   |
| Gadolinium | 160-2 | 147      | 163      | 117      | 142      | 16.63  | cps   |
| Holmium    | 165-1 | 15862878 | 15866145 | 15848117 | 15859047 | 0.06   | cps   |
| Holmium    | 165-2 | 8306580  | 8344621  | 8159818  | 8270340  | 1.18   | cps   |
| Indium     | 115-1 | 11287432 | 11311959 | 11389265 | 11329552 | 0.47   | cps   |
| Indium     | 115-2 | 2598514  | 2618842  | 2610940  | 2609432  | 0.39   | cps   |
| Iron       | 56-2  | 63064    | 63220    | 62310    | 62864    | 0.77   | cps   |
| Iron       | 57-2  | 13390    | 14246    | 14636    | 14090    | 4.52   | cps   |
| Krypton    | 83-1  | 417      | 527      | 500      | 481      | 11.93  | cps   |
| Lead       | 206-1 | 2122     | 2200     | 1945     | 2089     | 6.27   | cps   |
| Lead       | 207-1 | 1761     | 1822     | 1650     | 1745     | 5.01   | cps   |
| Lead       | 208-1 | 8251     | 8346     | 7962     | 8186     | 2.44   | cps   |
| Lithium    | 6-1   | 1660424  | 1613026  | 1595581  | 1623010  | 2.07   | cps   |
| Magnesium  | 24-2  | 6201721  | 6185208  | 6172824  | 6186584  | 0.23   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-08 Instrumnet Name : P7  
 Client Sample ID : SS032MW001-180411 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:42:55 DataFile Name : 071SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1123     | 1123     | 1130     | 1126     | 0.34   | cps   |
| Molybdenum | 94-1  | 2900     | 2667     | 3092     | 2887     | 7.38   | cps   |
| Molybdenum | 95-1  | 3559     | 3867     | 3926     | 3784     | 5.21   | cps   |
| Molybdenum | 96-1  | 4276     | 4209     | 4067     | 4184     | 2.54   | cps   |
| Molybdenum | 97-1  | 2350     | 2234     | 2525     | 2370     | 6.20   | cps   |
| Molybdenum | 98-1  | 6360     | 6552     | 6527     | 6480     | 1.61   | cps   |
| Neodymium  | 150-1 | 47       | 80       | 100      | 76       | 35.66  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 20       | 22       | 8.65   | cps   |
| Nickel     | 60-2  | 797      | 827      | 797      | 807      | 2.15   | cps   |
| Phosphorus | 31-2  | 383      | 375      | 508      | 422      | 17.69  | cps   |
| Potassium  | 39-2  | 434868   | 437629   | 435518   | 436005   | 0.33   | cps   |
| Rhodium    | 103-1 | 9889046  | 9942671  | 10051780 | 9961165  | 0.83   | cps   |
| Rhodium    | 103-2 | 5569461  | 5567780  | 5566414  | 5567885  | 0.03   | cps   |
| Scandium   | 45-1  | 5312142  | 5292829  | 5282908  | 5295960  | 0.28   | cps   |
| Scandium   | 45-2  | 395150   | 395457   | 394488   | 395032   | 0.13   | cps   |
| Selenium   | 77-2  | 27       | 30       | 13       | 23       | 37.81  | cps   |
| Selenium   | 78-2  | 146      | 152      | 169      | 156      | 7.43   | cps   |
| Selenium   | 82-1  | 417      | 280      | 378      | 358      | 19.75  | cps   |
| Silicon    | 28-1  | 31338753 | 31199035 | 31299344 | 31279044 | 0.23   | cps   |
| Silver     | 109-1 | 3125     | 2492     | 2359     | 2659     | 15.41  | cps   |
| Silver     | 107-1 | 2725     | 2767     | 2467     | 2653     | 6.13   | cps   |
| Sodium     | 23-2  | 15927035 | 15977160 | 15935534 | 15946576 | 0.17   | cps   |
| Strontium  | 86-1  | 2269462  | 2272585  | 2275139  | 2272395  | 0.13   | cps   |
| Strontium  | 88-1  | 20470758 | 20391780 | 20697746 | 20520094 | 0.77   | cps   |
| Sulfur     | 34-1  | 930219   | 928350   | 931770   | 930113   | 0.18   | cps   |
| Terbium    | 159-1 | 15876794 | 15921155 | 16068917 | 15955622 | 0.63   | cps   |
| Terbium    | 159-2 | 8179612  | 8197995  | 8083713  | 8153773  | 0.75   | cps   |
| Thallium   | 203-1 | 725      | 458      | 467      | 550      | 27.57  | cps   |
| Thallium   | 205-1 | 1625     | 1600     | 1125     | 1450     | 19.43  | cps   |
| Tin        | 118-1 | 9312     | 10171    | 9896     | 9793     | 4.48   | cps   |
| Titanium   | 47-1  | 900      | 850      | 642      | 797      | 17.19  | cps   |
| Uranium    | 238-1 | 127418   | 128361   | 129736   | 128505   | 0.91   | cps   |
| Vanadium   | 51-2  | 5805     | 5908     | 5811     | 5841     | 0.99   | cps   |
| Yttrium    | 89-1  | 10957741 | 11059040 | 11103177 | 11039986 | 0.68   | cps   |
| Yttrium    | 89-2  | 2050749  | 2057383  | 2040714  | 2049615  | 0.41   | cps   |
| Zinc       | 66-2  | 1503     | 1367     | 1450     | 1440     | 4.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-08            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW001-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:42:55 | DataFile Name :   | 071SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1742 | 1659 | 1592 | 1664    | 4.52   | cps   |
| Zirconium | 91-1 | 383  | 483  | 308  | 392     | 22.42  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 397896   | 402998   | 395871   | 398922   | 0.92   | cps   |
| Antimony   | 121-1 | 8937     | 9020     | 9445     | 9134     | 2.99   | cps   |
| Arsenic    | 75-2  | 2645     | 2572     | 2578     | 2598     | 1.55   | cps   |
| Barium     | 135-1 | 438271   | 440812   | 450677   | 443254   | 1.48   | cps   |
| Barium     | 137-1 | 758553   | 777870   | 779747   | 772057   | 1.52   | cps   |
| Beryllium  | 9-1   | 689      | 733      | 683      | 702      | 3.90   | cps   |
| Bismuth    | 209-1 | 10411008 | 10521442 | 10533795 | 10488748 | 0.64   | cps   |
| Bismuth    | 209-2 | 5431550  | 5557000  | 5565440  | 5517997  | 1.36   | cps   |
| Boron      | 10-1  | 9779     | 10120    | 10020    | 9973     | 1.76   | cps   |
| Boron      | 11-1  | 50210    | 48879    | 48629    | 49239    | 1.73   | cps   |
| Cadmium    | 111-1 | 2796     | 2884     | 2709     | 2796     | 3.12   | cps   |
| Cadmium    | 106-1 | 3409     | 3567     | 3326     | 3434     | 3.58   | cps   |
| Cadmium    | 108-1 | 138      | 154      | 142      | 144      | 6.01   | cps   |
| Calcium    | 43-1  | 2963982  | 2957481  | 2972308  | 2964590  | 0.25   | cps   |
| Calcium    | 44-1  | 48547689 | 48896115 | 49112833 | 48852212 | 0.58   | cps   |
| Chromium   | 52-2  | 4952395  | 5020406  | 5040981  | 5004594  | 0.93   | cps   |
| Cobalt     | 59-2  | 44524    | 44384    | 44203    | 44370    | 0.36   | cps   |
| Copper     | 63-2  | 323882   | 326946   | 328023   | 326284   | 0.66   | cps   |
| Dysprosium | 156-1 | 11630    | 11155    | 11280    | 11355    | 2.17   | cps   |
| Dysprosium | 156-2 | 6038     | 6061     | 5605     | 5901     | 4.36   | cps   |
| Erbium     | 164-1 | 9037     | 8912     | 8903     | 8951     | 0.84   | cps   |
| Erbium     | 164-2 | 4561     | 4534     | 4537     | 4544     | 0.32   | cps   |
| Gadolinium | 160-1 | 10213    | 10646    | 10371    | 10410    | 2.11   | cps   |
| Gadolinium | 160-2 | 6005     | 6068     | 6151     | 6075     | 1.21   | cps   |
| Holmium    | 165-1 | 15809390 | 16065819 | 16248610 | 16041273 | 1.38   | cps   |
| Holmium    | 165-2 | 8270638  | 8324491  | 8335264  | 8310131  | 0.42   | cps   |
| Indium     | 115-1 | 11354692 | 11476624 | 11571543 | 11467620 | 0.95   | cps   |
| Indium     | 115-2 | 2569122  | 2609374  | 2603077  | 2593858  | 0.83   | cps   |
| Iron       | 56-2  | 16776080 | 16666016 | 16676300 | 16706132 | 0.36   | cps   |
| Iron       | 57-2  | 412424   | 413210   | 414079   | 413238   | 0.20   | cps   |
| Krypton    | 83-1  | 530      | 427      | 477      | 478      | 10.82  | cps   |
| Lead       | 206-1 | 84731    | 85704    | 86230    | 85555    | 0.89   | cps   |
| Lead       | 207-1 | 67836    | 68701    | 68813    | 68450    | 0.78   | cps   |
| Lead       | 208-1 | 322457   | 324503   | 325499   | 324153   | 0.48   | cps   |
| Lithium    | 6-1   | 1557639  | 1531943  | 1525704  | 1538429  | 1.10   | cps   |
| Magnesium  | 24-2  | 1672866  | 1702430  | 1674320  | 1683205  | 0.99   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 203247   | 205953   | 206706   | 205302   | 0.89   | cps   |
| Molybdenum | 94-1  | 14616    | 15659    | 15225    | 15167    | 3.45   | cps   |
| Molybdenum | 95-1  | 21300    | 22176    | 21425    | 21634    | 2.19   | cps   |
| Molybdenum | 96-1  | 23094    | 23295    | 23312    | 23234    | 0.52   | cps   |
| Molybdenum | 97-1  | 13223    | 13298    | 14007    | 13510    | 3.20   | cps   |
| Molybdenum | 98-1  | 34543    | 34969    | 34902    | 34805    | 0.66   | cps   |
| Neodymium  | 150-1 | 16884    | 17118    | 17371    | 17124    | 1.42   | cps   |
| Neodymium  | 150-2 | 7385     | 7802     | 7369     | 7519     | 3.27   | cps   |
| Nickel     | 60-2  | 146685   | 147917   | 146806   | 147136   | 0.46   | cps   |
| Phosphorus | 31-2  | 2675     | 2459     | 2709     | 2614     | 5.19   | cps   |
| Potassium  | 39-2  | 1241584  | 1244207  | 1244603  | 1243465  | 0.13   | cps   |
| Rhodium    | 103-1 | 9972623  | 10113277 | 10087925 | 10057942 | 0.75   | cps   |
| Rhodium    | 103-2 | 5565878  | 5626325  | 5643903  | 5612035  | 0.73   | cps   |
| Scandium   | 45-1  | 5265941  | 5356733  | 5328046  | 5316907  | 0.87   | cps   |
| Scandium   | 45-2  | 390191   | 391886   | 390907   | 390995   | 0.22   | cps   |
| Selenium   | 77-2  | 33       | 43       | 43       | 40       | 14.43  | cps   |
| Selenium   | 78-2  | 94       | 107      | 135      | 112      | 18.53  | cps   |
| Selenium   | 82-1  | 65       | 194      | 85       | 115      | 60.60  | cps   |
| Silicon    | 28-1  | 47739070 | 47200245 | 47085404 | 47341573 | 0.74   | cps   |
| Silver     | 109-1 | 4209     | 4534     | 4226     | 4323     | 4.23   | cps   |
| Silver     | 107-1 | 4584     | 4401     | 4409     | 4465     | 2.32   | cps   |
| Sodium     | 23-2  | 795203   | 814521   | 807909   | 805878   | 1.22   | cps   |
| Strontium  | 86-1  | 950642   | 955473   | 952887   | 953001   | 0.25   | cps   |
| Strontium  | 88-1  | 8618268  | 8615251  | 8760019  | 8664513  | 0.95   | cps   |
| Sulfur     | 34-1  | 372729   | 370524   | 359247   | 367500   | 1.97   | cps   |
| Terbium    | 159-1 | 16017038 | 16213799 | 16300556 | 16177131 | 0.90   | cps   |
| Terbium    | 159-2 | 8280387  | 8141747  | 8209182  | 8210439  | 0.84   | cps   |
| Thallium   | 203-1 | 1008     | 950      | 758      | 906      | 14.44  | cps   |
| Thallium   | 205-1 | 2084     | 2025     | 1950     | 2020     | 3.31   | cps   |
| Tin        | 118-1 | 24080    | 25232    | 25224    | 24845    | 2.67   | cps   |
| Titanium   | 47-1  | 35920    | 37816    | 37541    | 37092    | 2.76   | cps   |
| Uranium    | 238-1 | 108927   | 107379   | 109102   | 108469   | 0.87   | cps   |
| Vanadium   | 51-2  | 46744    | 47259    | 47697    | 47233    | 1.01   | cps   |
| Yttrium    | 89-1  | 11102222 | 11286128 | 11260789 | 11216380 | 0.89   | cps   |
| Yttrium    | 89-2  | 2052631  | 2067889  | 2065460  | 2061993  | 0.40   | cps   |
| Zinc       | 66-2  | 209128   | 210505   | 211620   | 210418   | 0.59   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2353-09            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF028MW018-180411   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 18:46:28 | DataFile Name :   | 072SMPL_P7042318- M1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|------|------|-------|---------|--------|-------|
| Zirconium | 90-1 | 8069 | 8286 | 12949 | 9768    | 28.22  | cps   |
| Zirconium | 91-1 | 1842 | 1950 | 1934  | 1909    | 3.06   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:50:01 | DataFile Name :   | 073SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2042     | 1775     | 1967     | 1928     | 7.13   | cps   |
| Antimony   | 121-1 | 8570     | 8178     | 9253     | 8667     | 6.28   | cps   |
| Arsenic    | 75-2  | 722      | 707      | 680      | 703      | 3.08   | cps   |
| Barium     | 135-1 | 358703   | 357513   | 359573   | 358597   | 0.29   | cps   |
| Barium     | 137-1 | 625754   | 622187   | 627403   | 625115   | 0.43   | cps   |
| Beryllium  | 9-1   | 106      | 39       | 106      | 83       | 46.19  | cps   |
| Bismuth    | 209-1 | 9922569  | 9896352  | 9999518  | 9939480  | 0.54   | cps   |
| Bismuth    | 209-2 | 5177121  | 5176591  | 5239959  | 5197890  | 0.70   | cps   |
| Boron      | 10-1  | 63844    | 62363    | 62095    | 62767    | 1.50   | cps   |
| Boron      | 11-1  | 322728   | 318049   | 319702   | 320160   | 0.74   | cps   |
| Cadmium    | 111-1 | 1481     | 1546     | 1404     | 1477     | 4.82   | cps   |
| Cadmium    | 106-1 | 2884     | 2925     | 2700     | 2837     | 4.22   | cps   |
| Cadmium    | 108-1 | 4        | 0        | 13       | 6        | 114.53 | cps   |
| Calcium    | 43-1  | 4682207  | 4692373  | 4675946  | 4683508  | 0.18   | cps   |
| Calcium    | 44-1  | 76732102 | 76800339 | 76990206 | 76840882 | 0.17   | cps   |
| Chromium   | 52-2  | 10938    | 11151    | 10864    | 10984    | 1.36   | cps   |
| Cobalt     | 59-2  | 3284     | 3390     | 3554     | 3409     | 3.99   | cps   |
| Copper     | 63-2  | 16116    | 16209    | 16439    | 16255    | 1.02   | cps   |
| Dysprosium | 156-1 | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 30       | 40       | 37       | 36       | 14.32  | cps   |
| Erbium     | 164-1 | 108      | 92       | 125      | 108      | 15.39  | cps   |
| Erbium     | 164-2 | 47       | 63       | 30       | 47       | 35.71  | cps   |
| Gadolinium | 160-1 | 133      | 117      | 100      | 117      | 14.29  | cps   |
| Gadolinium | 160-2 | 173      | 170      | 167      | 170      | 1.96   | cps   |
| Holmium    | 165-1 | 15572559 | 15747993 | 15969455 | 15763335 | 1.26   | cps   |
| Holmium    | 165-2 | 8187506  | 8130869  | 8202595  | 8173657  | 0.46   | cps   |
| Indium     | 115-1 | 11111678 | 11141222 | 11247651 | 11166850 | 0.64   | cps   |
| Indium     | 115-2 | 2544705  | 2514977  | 2540135  | 2533272  | 0.63   | cps   |
| Iron       | 56-2  | 606741   | 603300   | 605900   | 605313   | 0.30   | cps   |
| Iron       | 57-2  | 36930    | 37237    | 37276    | 37147    | 0.51   | cps   |
| Krypton    | 83-1  | 457      | 480      | 493      | 477      | 3.89   | cps   |
| Lead       | 206-1 | 7786     | 7802     | 7613     | 7734     | 1.35   | cps   |
| Lead       | 207-1 | 6207     | 6452     | 5851     | 6170     | 4.89   | cps   |
| Lead       | 208-1 | 28629    | 28468    | 28680    | 28592    | 0.39   | cps   |
| Lithium    | 6-1   | 1553802  | 1520614  | 1502658  | 1525691  | 1.70   | cps   |
| Magnesium  | 24-2  | 10422938 | 10320921 | 10436915 | 10393591 | 0.61   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:50:01 | DataFile Name :   | 073SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 48560    | 48694    | 47808    | 48354    | 0.99   | cps   |
| Molybdenum | 94-1  | 3234     | 3117     | 3401     | 3251     | 4.38   | cps   |
| Molybdenum | 95-1  | 4318     | 3934     | 4568     | 4273     | 7.47   | cps   |
| Molybdenum | 96-1  | 4384     | 4676     | 4109     | 4390     | 6.46   | cps   |
| Molybdenum | 97-1  | 2575     | 2575     | 2534     | 2561     | 0.94   | cps   |
| Molybdenum | 98-1  | 6435     | 6919     | 6810     | 6721     | 3.78   | cps   |
| Neodymium  | 150-1 | 100      | 133      | 153      | 129      | 20.91  | cps   |
| Neodymium  | 150-2 | 23       | 10       | 30       | 21       | 48.24  | cps   |
| Nickel     | 60-2  | 35436    | 35593    | 35700    | 35577    | 0.37   | cps   |
| Phosphorus | 31-2  | 350      | 425      | 458      | 411      | 13.50  | cps   |
| Potassium  | 39-2  | 1348762  | 1336993  | 1351554  | 1345770  | 0.57   | cps   |
| Rhodium    | 103-1 | 9635756  | 9689058  | 9798538  | 9707784  | 0.85   | cps   |
| Rhodium    | 103-2 | 5402177  | 5359634  | 5419403  | 5393738  | 0.57   | cps   |
| Scandium   | 45-1  | 5167169  | 5224942  | 5246217  | 5212776  | 0.78   | cps   |
| Scandium   | 45-2  | 387783   | 382496   | 389035   | 386438   | 0.90   | cps   |
| Selenium   | 77-2  | 37       | 40       | 43       | 40       | 8.32   | cps   |
| Selenium   | 78-2  | 135      | 120      | 107      | 121      | 11.49  | cps   |
| Selenium   | 82-1  | 406      | 434      | 419      | 420      | 3.25   | cps   |
| Silicon    | 28-1  | 36555851 | 36268054 | 36240880 | 36354928 | 0.48   | cps   |
| Silver     | 109-1 | 2075     | 1934     | 1875     | 1961     | 5.24   | cps   |
| Silver     | 107-1 | 2125     | 1934     | 2042     | 2034     | 4.73   | cps   |
| Sodium     | 23-2  | 46189122 | 45731694 | 46341795 | 46087537 | 0.69   | cps   |
| Strontium  | 86-1  | 3576852  | 3585196  | 3590133  | 3584060  | 0.19   | cps   |
| Strontium  | 88-1  | 32042888 | 32312110 | 32333187 | 32229395 | 0.50   | cps   |
| Sulfur     | 34-1  | 1936314  | 1924744  | 1932214  | 1931091  | 0.30   | cps   |
| Terbium    | 159-1 | 15840046 | 15860238 | 16116149 | 15938811 | 0.97   | cps   |
| Terbium    | 159-2 | 8112664  | 8031023  | 8113515  | 8085734  | 0.59   | cps   |
| Thallium   | 203-1 | 242      | 225      | 183      | 217      | 13.87  | cps   |
| Thallium   | 205-1 | 733      | 617      | 608      | 653      | 10.71  | cps   |
| Tin        | 118-1 | 11071    | 11405    | 12798    | 11758    | 7.79   | cps   |
| Titanium   | 47-1  | 1150     | 1467     | 1217     | 1278     | 13.07  | cps   |
| Uranium    | 238-1 | 136586   | 134245   | 134206   | 135012   | 1.01   | cps   |
| Vanadium   | 51-2  | 2867     | 2930     | 3027     | 2941     | 2.74   | cps   |
| Yttrium    | 89-1  | 10827117 | 10924272 | 10940332 | 10897240 | 0.56   | cps   |
| Yttrium    | 89-2  | 2012578  | 2004544  | 2009227  | 2008783  | 0.20   | cps   |
| Zinc       | 66-2  | 1797     | 1713     | 1917     | 1809     | 5.65   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:50:01 | DataFile Name :   | 073SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2217 | 2425 | 2100 | 2247    | 7.33   | cps   |
| Zirconium | 91-1 | 417  | 533  | 425  | 458     | 14.20  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:53:35 | DataFile Name :   | 074SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 733      | 692      | 742      | 722      | 3.71   | cps   |
| Antimony   | 121-1 | 6910     | 7419     | 7194     | 7174     | 3.55   | cps   |
| Arsenic    | 75-2  | 6051     | 6307     | 6005     | 6121     | 2.66   | cps   |
| Barium     | 135-1 | 396945   | 395904   | 401609   | 398153   | 0.76   | cps   |
| Barium     | 137-1 | 695497   | 688019   | 697295   | 693603   | 0.71   | cps   |
| Beryllium  | 9-1   | 78       | 100      | 94       | 91       | 12.74  | cps   |
| Bismuth    | 209-1 | 10101670 | 10180976 | 10199865 | 10160837 | 0.51   | cps   |
| Bismuth    | 209-2 | 5264430  | 5285036  | 5241593  | 5263686  | 0.41   | cps   |
| Boron      | 10-1  | 65309    | 67325    | 66121    | 66252    | 1.53   | cps   |
| Boron      | 11-1  | 330810   | 328210   | 338579   | 332533   | 1.62   | cps   |
| Cadmium    | 111-1 | 1929     | 1823     | 2043     | 1931     | 5.70   | cps   |
| Cadmium    | 106-1 | 2892     | 2850     | 3167     | 2970     | 5.79   | cps   |
| Cadmium    | 108-1 | 25       | 33       | 58       | 39       | 44.61  | cps   |
| Calcium    | 43-1  | 2919087  | 2905405  | 2933804  | 2919432  | 0.49   | cps   |
| Calcium    | 44-1  | 48370778 | 48076463 | 48385742 | 48277661 | 0.36   | cps   |
| Chromium   | 52-2  | 3004     | 2864     | 2837     | 2901     | 3.09   | cps   |
| Cobalt     | 59-2  | 1017     | 1133     | 973      | 1041     | 7.95   | cps   |
| Copper     | 63-2  | 11845    | 12048    | 11838    | 11911    | 1.00   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 50       | 44       | 21.66  | cps   |
| Dysprosium | 156-2 | 27       | 7        | 13       | 16       | 65.47  | cps   |
| Erbium     | 164-1 | 83       | 125      | 75       | 94       | 28.37  | cps   |
| Erbium     | 164-2 | 57       | 27       | 43       | 42       | 35.60  | cps   |
| Gadolinium | 160-1 | 50       | 100      | 92       | 81       | 33.25  | cps   |
| Gadolinium | 160-2 | 187      | 150      | 157      | 164      | 11.88  | cps   |
| Holmium    | 165-1 | 15811673 | 15895180 | 16057921 | 15921591 | 0.79   | cps   |
| Holmium    | 165-2 | 8165159  | 8213705  | 8121024  | 8166629  | 0.57   | cps   |
| Indium     | 115-1 | 11146112 | 11110893 | 11193565 | 11150190 | 0.37   | cps   |
| Indium     | 115-2 | 2484082  | 2530278  | 2487434  | 2500598  | 1.03   | cps   |
| Iron       | 56-2  | 25974358 | 26057017 | 25625757 | 25885711 | 0.88   | cps   |
| Iron       | 57-2  | 630423   | 630112   | 621126   | 627220   | 0.84   | cps   |
| Krypton    | 83-1  | 597      | 537      | 430      | 521      | 16.20  | cps   |
| Lead       | 206-1 | 1867     | 1911     | 2022     | 1934     | 4.14   | cps   |
| Lead       | 207-1 | 1467     | 1639     | 1583     | 1563     | 5.62   | cps   |
| Lead       | 208-1 | 7290     | 7334     | 7295     | 7307     | 0.33   | cps   |
| Lithium    | 6-1   | 1571966  | 1553990  | 1534850  | 1553602  | 1.19   | cps   |
| Magnesium  | 24-2  | 7468360  | 7479856  | 7337547  | 7428588  | 1.06   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-12 Instrumnet Name : P7  
 Client Sample ID : LF012MW007-180410 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 18:53:35 DataFile Name : 074SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1572766  | 1572455  | 1550312  | 1565178  | 0.82   | cps   |
| Molybdenum | 94-1  | 7561     | 7552     | 7719     | 7611     | 1.23   | cps   |
| Molybdenum | 95-1  | 12539    | 12489    | 12715    | 12581    | 0.94   | cps   |
| Molybdenum | 96-1  | 14333    | 13115    | 14466    | 13971    | 5.33   | cps   |
| Molybdenum | 97-1  | 7986     | 7727     | 7686     | 7800     | 2.08   | cps   |
| Molybdenum | 98-1  | 20616    | 19439    | 19856    | 19970    | 2.99   | cps   |
| Neodymium  | 150-1 | 40       | 33       | 53       | 42       | 24.12  | cps   |
| Neodymium  | 150-2 | 20       | 30       | 23       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 1037     | 967      | 967      | 990      | 4.08   | cps   |
| Phosphorus | 31-2  | 475      | 508      | 500      | 494      | 3.51   | cps   |
| Potassium  | 39-2  | 1095539  | 1099724  | 1075521  | 1090261  | 1.19   | cps   |
| Rhodium    | 103-1 | 9689689  | 9721684  | 9763378  | 9724917  | 0.38   | cps   |
| Rhodium    | 103-2 | 5381686  | 5455670  | 5314370  | 5383908  | 1.31   | cps   |
| Scandium   | 45-1  | 5182482  | 5137877  | 5178593  | 5166317  | 0.48   | cps   |
| Scandium   | 45-2  | 379271   | 379812   | 369554   | 376212   | 1.53   | cps   |
| Selenium   | 77-2  | 20       | 17       | 40       | 26       | 49.38  | cps   |
| Selenium   | 78-2  | 89       | 87       | 94       | 90       | 4.28   | cps   |
| Selenium   | 82-1  | 55       | 147      | 227      | 143      | 60.02  | cps   |
| Silicon    | 28-1  | 51337500 | 50894353 | 50886532 | 51039462 | 0.51   | cps   |
| Silver     | 109-1 | 1900     | 1834     | 1634     | 1789     | 7.76   | cps   |
| Silver     | 107-1 | 1717     | 1825     | 2075     | 1872     | 9.82   | cps   |
| Sodium     | 23-2  | 45071376 | 45263412 | 44521889 | 44952226 | 0.86   | cps   |
| Strontium  | 86-1  | 2282975  | 2291291  | 2327361  | 2300543  | 1.03   | cps   |
| Strontium  | 88-1  | 20823587 | 20864643 | 21226581 | 20971604 | 1.06   | cps   |
| Sulfur     | 34-1  | 1470934  | 1452533  | 1454235  | 1459234  | 0.70   | cps   |
| Terbium    | 159-1 | 15908467 | 16048899 | 16226261 | 16061209 | 0.99   | cps   |
| Terbium    | 159-2 | 8031723  | 8125304  | 7968414  | 8041813  | 0.98   | cps   |
| Thallium   | 203-1 | 233      | 300      | 333      | 289      | 17.62  | cps   |
| Thallium   | 205-1 | 558      | 525      | 550      | 544      | 3.19   | cps   |
| Tin        | 118-1 | 10288    | 10396    | 10830    | 10504    | 2.73   | cps   |
| Titanium   | 47-1  | 1167     | 1133     | 1192     | 1164     | 2.51   | cps   |
| Uranium    | 238-1 | 10455    | 10538    | 10697    | 10563    | 1.16   | cps   |
| Vanadium   | 51-2  | 2127     | 1967     | 2124     | 2072     | 4.41   | cps   |
| Yttrium    | 89-1  | 10904108 | 10857047 | 11019247 | 10926800 | 0.76   | cps   |
| Yttrium    | 89-2  | 1959150  | 1983117  | 1939268  | 1960512  | 1.12   | cps   |
| Zinc       | 66-2  | 2307     | 2127     | 2110     | 2181     | 5.00   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:53:35 | DataFile Name :   | 074SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1433 | 1300 | 1592 | 1442    | 10.13  | cps   |
| Zirconium | 91-1 | 450  | 358  | 358  | 389     | 13.61  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18437    | 19047    | 18647    | 18710    | 1.66   | cps   |
| Antimony   | 121-1 | 6393     | 6710     | 6594     | 6566     | 2.44   | cps   |
| Arsenic    | 75-2  | 1196     | 1209     | 1211     | 1206     | 0.67   | cps   |
| Barium     | 135-1 | 255150   | 250060   | 248443   | 251218   | 1.39   | cps   |
| Barium     | 137-1 | 436382   | 432584   | 435195   | 434720   | 0.45   | cps   |
| Beryllium  | 9-1   | 144      | 117      | 78       | 113      | 29.64  | cps   |
| Bismuth    | 209-1 | 10151656 | 10320761 | 10240278 | 10237565 | 0.83   | cps   |
| Bismuth    | 209-2 | 5172777  | 5247674  | 5320868  | 5247107  | 1.41   | cps   |
| Boron      | 10-1  | 58614    | 58983    | 60572    | 59390    | 1.75   | cps   |
| Boron      | 11-1  | 302712   | 302494   | 301328   | 302178   | 0.25   | cps   |
| Cadmium    | 111-1 | 2545     | 2607     | 2701     | 2618     | 3.00   | cps   |
| Cadmium    | 106-1 | 3084     | 2925     | 2984     | 2998     | 2.67   | cps   |
| Cadmium    | 108-1 | 108      | 104      | 100      | 104      | 4.00   | cps   |
| Calcium    | 43-1  | 2319245  | 2321449  | 2301907  | 2314201  | 0.46   | cps   |
| Calcium    | 44-1  | 38292250 | 38568309 | 38189026 | 38349862 | 0.51   | cps   |
| Chromium   | 52-2  | 14904    | 14334    | 15025    | 14754    | 2.50   | cps   |
| Cobalt     | 59-2  | 1577     | 1577     | 1707     | 1620     | 4.63   | cps   |
| Copper     | 63-2  | 28598    | 28344    | 29106    | 28683    | 1.35   | cps   |
| Dysprosium | 156-1 | 592      | 617      | 675      | 628      | 6.81   | cps   |
| Dysprosium | 156-2 | 323      | 330      | 317      | 323      | 2.06   | cps   |
| Erbium     | 164-1 | 675      | 617      | 658      | 650      | 4.62   | cps   |
| Erbium     | 164-2 | 283      | 310      | 330      | 308      | 7.61   | cps   |
| Gadolinium | 160-1 | 742      | 667      | 500      | 636      | 19.45  | cps   |
| Gadolinium | 160-2 | 413      | 487      | 517      | 472      | 11.26  | cps   |
| Holmium    | 165-1 | 15984534 | 16096775 | 16215181 | 16098830 | 0.72   | cps   |
| Holmium    | 165-2 | 8058643  | 8133121  | 8269853  | 8153872  | 1.31   | cps   |
| Indium     | 115-1 | 11235906 | 11278306 | 11236860 | 11250358 | 0.22   | cps   |
| Indium     | 115-2 | 2481916  | 2506452  | 2556101  | 2514823  | 1.50   | cps   |
| Iron       | 56-2  | 4509743  | 4491754  | 4614219  | 4538572  | 1.46   | cps   |
| Iron       | 57-2  | 119415   | 120339   | 124882   | 121546   | 2.41   | cps   |
| Krypton    | 83-1  | 520      | 380      | 447      | 449      | 15.60  | cps   |
| Lead       | 206-1 | 4373     | 4812     | 4368     | 4518     | 5.65   | cps   |
| Lead       | 207-1 | 3790     | 3578     | 3606     | 3658     | 3.14   | cps   |
| Lead       | 208-1 | 17294    | 17599    | 16955    | 17283    | 1.87   | cps   |
| Lithium    | 6-1   | 1578199  | 1572075  | 1556379  | 1568884  | 0.72   | cps   |
| Magnesium  | 24-2  | 5354276  | 5342044  | 5463584  | 5386635  | 1.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 955473   | 963318   | 981088   | 966626   | 1.36   | cps   |
| Molybdenum | 94-1  | 7119     | 7052     | 6368     | 6846     | 6.07   | cps   |
| Molybdenum | 95-1  | 5660     | 5068     | 5418     | 5382     | 5.53   | cps   |
| Molybdenum | 96-1  | 6293     | 6327     | 6068     | 6229     | 2.26   | cps   |
| Molybdenum | 97-1  | 3050     | 3109     | 3251     | 3137     | 3.28   | cps   |
| Molybdenum | 98-1  | 8820     | 8703     | 8611     | 8711     | 1.20   | cps   |
| Neodymium  | 150-1 | 853      | 953      | 1047     | 951      | 10.17  | cps   |
| Neodymium  | 150-2 | 400      | 380      | 397      | 392      | 2.73   | cps   |
| Nickel     | 60-2  | 3334     | 3337     | 3054     | 3242     | 5.02   | cps   |
| Phosphorus | 31-2  | 2442     | 2742     | 2642     | 2609     | 5.86   | cps   |
| Potassium  | 39-2  | 1686111  | 1699353  | 1724735  | 1703400  | 1.15   | cps   |
| Rhodium    | 103-1 | 9761651  | 9857933  | 9867793  | 9829126  | 0.60   | cps   |
| Rhodium    | 103-2 | 5336804  | 5370213  | 5472942  | 5393320  | 1.32   | cps   |
| Scandium   | 45-1  | 5148081  | 5192777  | 5161258  | 5167372  | 0.44   | cps   |
| Scandium   | 45-2  | 373058   | 375880   | 382698   | 377212   | 1.31   | cps   |
| Selenium   | 77-2  | 23       | 40       | 33       | 32       | 26.04  | cps   |
| Selenium   | 78-2  | 94       | 76       | 104      | 91       | 15.48  | cps   |
| Selenium   | 82-1  | 133      | 347      | 281      | 254      | 43.20  | cps   |
| Silicon    | 28-1  | 39893954 | 39563621 | 39291590 | 39583055 | 0.76   | cps   |
| Silver     | 109-1 | 1825     | 1734     | 1784     | 1781     | 2.58   | cps   |
| Silver     | 107-1 | 2034     | 1934     | 2092     | 2020     | 3.97   | cps   |
| Sodium     | 23-2  | 44642860 | 44856236 | 45568801 | 45022633 | 1.08   | cps   |
| Strontium  | 86-1  | 2176646  | 2171438  | 2165930  | 2171338  | 0.25   | cps   |
| Strontium  | 88-1  | 19672853 | 19629329 | 19517371 | 19606517 | 0.41   | cps   |
| Sulfur     | 34-1  | 1561791  | 1551416  | 1546587  | 1553265  | 0.50   | cps   |
| Terbium    | 159-1 | 16089079 | 16169155 | 16216926 | 16158387 | 0.40   | cps   |
| Terbium    | 159-2 | 7939493  | 7942244  | 8164029  | 8015256  | 1.61   | cps   |
| Thallium   | 203-1 | 367      | 367      | 217      | 317      | 27.35  | cps   |
| Thallium   | 205-1 | 583      | 567      | 375      | 508      | 22.77  | cps   |
| Tin        | 118-1 | 9612     | 10004    | 10563    | 10060    | 4.75   | cps   |
| Titanium   | 47-1  | 3726     | 3892     | 4501     | 4040     | 10.11  | cps   |
| Uranium    | 238-1 | 24458    | 24742    | 24224    | 24474    | 1.06   | cps   |
| Vanadium   | 51-2  | 12862    | 13196    | 13326    | 13128    | 1.82   | cps   |
| Yttrium    | 89-1  | 10947942 | 10891244 | 10933092 | 10924092 | 0.27   | cps   |
| Yttrium    | 89-2  | 1947265  | 1956129  | 1996720  | 1966704  | 1.34   | cps   |
| Zinc       | 66-2  | 19053    | 18589    | 19553    | 19065    | 2.53   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-13            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW029-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 18:57:09 | DataFile Name :   | 075SMPL_P7042318- M |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 11130 | 11063 | 11638 | 11277   | 2.79   | cps   |
| Zirconium | 91-1 | 2425  | 2525  | 2659  | 2536    | 4.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 500      | 600      | 918      | 673      | 32.41  | cps   |
| Antimony   | 121-1 | 7186     | 7044     | 7569     | 7266     | 3.74   | cps   |
| Arsenic    | 75-2  | 181      | 228      | 241      | 217      | 14.38  | cps   |
| Barium     | 135-1 | 253539   | 251479   | 250407   | 251808   | 0.63   | cps   |
| Barium     | 137-1 | 436772   | 436948   | 438185   | 437302   | 0.18   | cps   |
| Beryllium  | 9-1   | 67       | 111      | 94       | 91       | 24.74  | cps   |
| Bismuth    | 209-1 | 10333572 | 10193398 | 10294494 | 10273821 | 0.70   | cps   |
| Bismuth    | 209-2 | 5244375  | 5210505  | 5213281  | 5222720  | 0.36   | cps   |
| Boron      | 10-1  | 51831    | 52869    | 51146    | 51949    | 1.67   | cps   |
| Boron      | 11-1  | 259409   | 256729   | 252808   | 256315   | 1.30   | cps   |
| Cadmium    | 111-1 | 1644     | 1504     | 1524     | 1557     | 4.88   | cps   |
| Cadmium    | 106-1 | 3226     | 2984     | 2959     | 3056     | 4.82   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 8        | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 3282299  | 3252026  | 3227410  | 3253912  | 0.84   | cps   |
| Calcium    | 44-1  | 53984078 | 53409611 | 53688831 | 53694173 | 0.54   | cps   |
| Chromium   | 52-2  | 66663    | 66462    | 66355    | 66494    | 0.24   | cps   |
| Cobalt     | 59-2  | 1577     | 1667     | 1560     | 1601     | 3.58   | cps   |
| Copper     | 63-2  | 12732    | 12742    | 12792    | 12756    | 0.25   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 33       | 31       | 15.75  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 83       | 50       | 108      | 81       | 36.33  | cps   |
| Erbium     | 164-2 | 20       | 37       | 37       | 31       | 30.93  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 75       | 86       | 14.79  | cps   |
| Gadolinium | 160-2 | 163      | 110      | 133      | 136      | 19.72  | cps   |
| Holmium    | 165-1 | 16004118 | 15889508 | 16012668 | 15968764 | 0.43   | cps   |
| Holmium    | 165-2 | 8141103  | 8068156  | 8038459  | 8082573  | 0.65   | cps   |
| Indium     | 115-1 | 11229914 | 11132876 | 11272517 | 11211769 | 0.64   | cps   |
| Indium     | 115-2 | 2477838  | 2479751  | 2469031  | 2475540  | 0.23   | cps   |
| Iron       | 56-2  | 485600   | 487904   | 485869   | 486458   | 0.26   | cps   |
| Iron       | 57-2  | 27610    | 27671    | 27398    | 27560    | 0.52   | cps   |
| Krypton    | 83-1  | 443      | 437      | 493      | 458      | 6.77   | cps   |
| Lead       | 206-1 | 1611     | 1784     | 1600     | 1665     | 6.17   | cps   |
| Lead       | 207-1 | 1478     | 1478     | 1250     | 1402     | 9.38   | cps   |
| Lead       | 208-1 | 6684     | 6645     | 6201     | 6510     | 4.13   | cps   |
| Lithium    | 6-1   | 1549300  | 1517337  | 1502654  | 1523097  | 1.57   | cps   |
| Magnesium  | 24-2  | 5935049  | 5897249  | 5883321  | 5905206  | 0.45   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 13980    | 13503    | 13967    | 13817    | 1.97   | cps   |
| Molybdenum | 94-1  | 2500     | 2684     | 2600     | 2595     | 3.54   | cps   |
| Molybdenum | 95-1  | 4101     | 4034     | 4259     | 4131     | 2.80   | cps   |
| Molybdenum | 96-1  | 4534     | 4409     | 4484     | 4476     | 1.41   | cps   |
| Molybdenum | 97-1  | 2642     | 2517     | 2375     | 2511     | 5.31   | cps   |
| Molybdenum | 98-1  | 6810     | 5943     | 6393     | 6382     | 6.79   | cps   |
| Neodymium  | 150-1 | 33       | 80       | 100      | 71       | 48.11  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 33       | 24       | 31.49  | cps   |
| Nickel     | 60-2  | 12239    | 11842    | 12449    | 12176    | 2.53   | cps   |
| Phosphorus | 31-2  | 267      | 408      | 383      | 353      | 21.43  | cps   |
| Potassium  | 39-2  | 1534699  | 1531628  | 1521849  | 1529392  | 0.44   | cps   |
| Rhodium    | 103-1 | 9799140  | 9760935  | 9743187  | 9767754  | 0.29   | cps   |
| Rhodium    | 103-2 | 5333019  | 5311675  | 5339928  | 5328207  | 0.28   | cps   |
| Scandium   | 45-1  | 5174051  | 5082207  | 5136043  | 5130767  | 0.90   | cps   |
| Scandium   | 45-2  | 375100   | 372719   | 370277   | 372699   | 0.65   | cps   |
| Selenium   | 77-2  | 47       | 23       | 40       | 37       | 32.79  | cps   |
| Selenium   | 78-2  | 102      | 102      | 96       | 100      | 3.20   | cps   |
| Selenium   | 82-1  | 232      | 288      | 263      | 261      | 10.76  | cps   |
| Silicon    | 28-1  | 36885742 | 36250035 | 36107554 | 36414444 | 1.14   | cps   |
| Silver     | 109-1 | 1625     | 1717     | 1500     | 1614     | 6.74   | cps   |
| Silver     | 107-1 | 1725     | 1659     | 1784     | 1722     | 3.63   | cps   |
| Sodium     | 23-2  | 25104200 | 24911150 | 24702973 | 24906108 | 0.81   | cps   |
| Strontium  | 86-1  | 2373993  | 2372248  | 2375528  | 2373923  | 0.07   | cps   |
| Strontium  | 88-1  | 21626564 | 21427906 | 21364153 | 21472874 | 0.64   | cps   |
| Sulfur     | 34-1  | 1155175  | 1142047  | 1133157  | 1143460  | 0.97   | cps   |
| Terbium    | 159-1 | 16160025 | 16054033 | 16251306 | 16155121 | 0.61   | cps   |
| Terbium    | 159-2 | 7983463  | 7928781  | 7913885  | 7942043  | 0.46   | cps   |
| Thallium   | 203-1 | 175      | 258      | 158      | 197      | 27.17  | cps   |
| Thallium   | 205-1 | 567      | 508      | 533      | 536      | 5.46   | cps   |
| Tin        | 118-1 | 8778     | 8620     | 9128     | 8842     | 2.94   | cps   |
| Titanium   | 47-1  | 958      | 892      | 1108     | 986      | 11.25  | cps   |
| Uranium    | 238-1 | 105760   | 105338   | 104792   | 105297   | 0.46   | cps   |
| Vanadium   | 51-2  | 3234     | 3150     | 3240     | 3208     | 1.56   | cps   |
| Yttrium    | 89-1  | 10901166 | 10828399 | 10895665 | 10875077 | 0.37   | cps   |
| Yttrium    | 89-2  | 1946823  | 1945251  | 1947967  | 1946681  | 0.07   | cps   |
| Zinc       | 66-2  | 1643     | 1663     | 1823     | 1710     | 5.77   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:00:42 | DataFile Name :   | 076SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1008 | 1108 | 1183 | 1100    | 7.98   | cps   |
| Zirconium | 91-1 | 233  | 267  | 192  | 231     | 16.30  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05RE          | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410RE | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:04:16 | DataFile Name :   | 077SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4059      | 3917      | 4594      | 4190      | 8.51   | cps   |
| Antimony   | 121-1 | 7786      | 7761      | 8161      | 7903      | 2.84   | cps   |
| Arsenic    | 75-2  | 1689      | 1663      | 1732      | 1695      | 2.04   | cps   |
| Barium     | 135-1 | 78019     | 78623     | 77985     | 78209     | 0.46   | cps   |
| Barium     | 137-1 | 135438    | 135540    | 141101    | 137360    | 2.36   | cps   |
| Beryllium  | 9-1   | 94        | 72        | 67        | 78        | 18.90  | cps   |
| Bismuth    | 209-1 | 9933747   | 9987299   | 10189675  | 10036907  | 1.34   | cps   |
| Bismuth    | 209-2 | 5175513   | 5201377   | 5135817   | 5170902   | 0.64   | cps   |
| Boron      | 10-1  | 105643    | 105962    | 108563    | 106723    | 1.50   | cps   |
| Boron      | 11-1  | 521485    | 536980    | 538027    | 532164    | 1.74   | cps   |
| Cadmium    | 111-1 | 1498      | 1484      | 1615      | 1532      | 4.69   | cps   |
| Cadmium    | 106-1 | 2759      | 2767      | 2909      | 2812      | 3.00   | cps   |
| Cadmium    | 108-1 | 21        | 29        | 21        | 24        | 20.39  | cps   |
| Calcium    | 43-1  | 7230669   | 7261257   | 7287395   | 7259774   | 0.39   | cps   |
| Calcium    | 44-1  | 118943565 | 119789124 | 120987124 | 119906604 | 0.86   | cps   |
| Chromium   | 52-2  | 5855      | 5955      | 5791      | 5867      | 1.40   | cps   |
| Cobalt     | 59-2  | 4974      | 4758      | 4958      | 4896      | 2.46   | cps   |
| Copper     | 63-2  | 12549     | 12486     | 12055     | 12363     | 2.17   | cps   |
| Dysprosium | 156-1 | 225       | 108       | 183       | 172       | 34.33  | cps   |
| Dysprosium | 156-2 | 83        | 53        | 103       | 80        | 31.46  | cps   |
| Erbium     | 164-1 | 183       | 175       | 192       | 183       | 4.55   | cps   |
| Erbium     | 164-2 | 103       | 110       | 67        | 93        | 25.00  | cps   |
| Gadolinium | 160-1 | 200       | 167       | 217       | 194       | 13.10  | cps   |
| Gadolinium | 160-2 | 227       | 200       | 197       | 208       | 7.91   | cps   |
| Holmium    | 165-1 | 15898550  | 16144726  | 16046782  | 16030019  | 0.77   | cps   |
| Holmium    | 165-2 | 8294001   | 8296604   | 8120351   | 8236985   | 1.23   | cps   |
| Indium     | 115-1 | 10969532  | 11027786  | 11150673  | 11049331  | 0.84   | cps   |
| Indium     | 115-2 | 2485912   | 2494056   | 2466619   | 2482195   | 0.57   | cps   |
| Iron       | 56-2  | 13791247  | 13723499  | 13377841  | 13630862  | 1.63   | cps   |
| Iron       | 57-2  | 357503    | 357818    | 352373    | 355898    | 0.86   | cps   |
| Krypton    | 83-1  | 510       | 503       | 540       | 518       | 3.77   | cps   |
| Lead       | 206-1 | 2678      | 2600      | 2284      | 2521      | 8.29   | cps   |
| Lead       | 207-1 | 2128      | 2100      | 2200      | 2143      | 2.41   | cps   |
| Lead       | 208-1 | 9635      | 9880      | 10024     | 9846      | 2.00   | cps   |
| Lithium    | 6-1   | 1556489   | 1552993   | 1543092   | 1550858   | 0.45   | cps   |
| Magnesium  | 24-2  | 21785411  | 21749362  | 21233175  | 21589316  | 1.43   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-05RE Instrumnet Name : P7  
 Client Sample ID : LF012MW001-180410RE Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 19:04:16 DataFile Name : 077SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 825293   | 832268   | 808135   | 821899   | 1.51   | cps   |
| Molybdenum | 94-1  | 3859     | 3892     | 3784     | 3845     | 1.44   | cps   |
| Molybdenum | 95-1  | 5043     | 4768     | 5076     | 4962     | 3.41   | cps   |
| Molybdenum | 96-1  | 5835     | 6010     | 5360     | 5735     | 5.87   | cps   |
| Molybdenum | 97-1  | 3034     | 2884     | 3050     | 2989     | 3.07   | cps   |
| Molybdenum | 98-1  | 8069     | 8078     | 7928     | 8025     | 1.05   | cps   |
| Neodymium  | 150-1 | 233      | 120      | 167      | 173      | 32.86  | cps   |
| Neodymium  | 150-2 | 80       | 97       | 80       | 86       | 11.25  | cps   |
| Nickel     | 60-2  | 7042     | 6608     | 6275     | 6642     | 5.79   | cps   |
| Phosphorus | 31-2  | 417      | 533      | 492      | 481      | 12.30  | cps   |
| Potassium  | 39-2  | 2712865  | 2725401  | 2660148  | 2699471  | 1.28   | cps   |
| Rhodium    | 103-1 | 9499800  | 9562152  | 9656832  | 9572928  | 0.83   | cps   |
| Rhodium    | 103-2 | 5262879  | 5308361  | 5193630  | 5254957  | 1.10   | cps   |
| Scandium   | 45-1  | 5172413  | 5175349  | 5158136  | 5168632  | 0.18   | cps   |
| Scandium   | 45-2  | 375144   | 378397   | 366453   | 373332   | 1.65   | cps   |
| Selenium   | 77-2  | 57       | 50       | 30       | 46       | 30.47  | cps   |
| Selenium   | 78-2  | 81       | 91       | 124      | 99       | 22.69  | cps   |
| Selenium   | 82-1  | 206      | 181      | 129      | 172      | 22.79  | cps   |
| Silicon    | 28-1  | 41125693 | 41560914 | 41800008 | 41495538 | 0.82   | cps   |
| Silver     | 109-1 | 1934     | 1575     | 1467     | 1659     | 14.73  | cps   |
| Silver     | 107-1 | 1825     | 1625     | 1867     | 1772     | 7.29   | cps   |
| Sodium     | 23-2  | 56365903 | 56003799 | 54747132 | 55705612 | 1.53   | cps   |
| Strontium  | 86-1  | 6817167  | 6834268  | 6931573  | 6861002  | 0.90   | cps   |
| Strontium  | 88-1  | 60321941 | 60944858 | 61508091 | 60924963 | 0.97   | cps   |
| Sulfur     | 34-1  | 7149948  | 7232098  | 7235989  | 7206012  | 0.67   | cps   |
| Terbium    | 159-1 | 15959344 | 16198784 | 16249410 | 16135846 | 0.96   | cps   |
| Terbium    | 159-2 | 8185558  | 8088984  | 8025114  | 8099885  | 1.00   | cps   |
| Thallium   | 203-1 | 183      | 108      | 133      | 142      | 26.96  | cps   |
| Thallium   | 205-1 | 467      | 358      | 417      | 414      | 13.10  | cps   |
| Tin        | 118-1 | 8736     | 9312     | 9379     | 9142     | 3.86   | cps   |
| Titanium   | 47-1  | 1075     | 1292     | 1392     | 1253     | 12.92  | cps   |
| Uranium    | 238-1 | 43718    | 42405    | 43065    | 43063    | 1.52   | cps   |
| Vanadium   | 51-2  | 7442     | 7432     | 6795     | 7223     | 5.13   | cps   |
| Yttrium    | 89-1  | 10796209 | 10927596 | 10957729 | 10893845 | 0.79   | cps   |
| Yttrium    | 89-2  | 1959298  | 1988855  | 1947969  | 1965374  | 1.07   | cps   |
| Zinc       | 66-2  | 3180     | 3377     | 3197     | 3252     | 3.35   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05RE          | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410RE | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:04:16 | DataFile Name :   | 077SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2734 | 2784 | 2725 | 2748    | 1.15   | cps   |
| Zirconium | 91-1 | 658  | 767  | 767  | 731     | 8.56   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P7  
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:07:53 DataFile Name : 078SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 89924    | 89510    | 90491    | 89975    | 0.55   | cps   |
| Antimony   | 121-1 | 2675     | 2659     | 2434     | 2589     | 5.21   | cps   |
| Arsenic    | 75-2  | 580      | 502      | 607      | 563      | 9.72   | cps   |
| Barium     | 135-1 | 94512    | 93161    | 92717    | 93463    | 1.00   | cps   |
| Barium     | 137-1 | 166082   | 161665   | 161616   | 163121   | 1.57   | cps   |
| Beryllium  | 9-1   | 178      | 244      | 194      | 206      | 16.88  | cps   |
| Bismuth    | 209-1 | 11274503 | 11298541 | 11278855 | 11283966 | 0.11   | cps   |
| Bismuth    | 209-2 | 5854819  | 5865701  | 5865971  | 5862163  | 0.11   | cps   |
| Boron      | 10-1  | 4484     | 4026     | 4042     | 4184     | 6.21   | cps   |
| Boron      | 11-1  | 20556    | 20106    | 19538    | 20067    | 2.54   | cps   |
| Cadmium    | 111-1 | 1788     | 1796     | 1869     | 1818     | 2.46   | cps   |
| Cadmium    | 106-1 | 3050     | 3134     | 3242     | 3142     | 3.06   | cps   |
| Cadmium    | 108-1 | 29       | 54       | 21       | 35       | 49.97  | cps   |
| Calcium    | 43-1  | 628823   | 620225   | 616848   | 621966   | 0.99   | cps   |
| Calcium    | 44-1  | 10516014 | 10364783 | 10310563 | 10397120 | 1.02   | cps   |
| Chromium   | 52-2  | 1023908  | 1016753  | 1016367  | 1019009  | 0.42   | cps   |
| Cobalt     | 59-2  | 8993     | 9230     | 9206     | 9143     | 1.43   | cps   |
| Copper     | 63-2  | 69052    | 69517    | 70499    | 69689    | 1.06   | cps   |
| Dysprosium | 156-1 | 2659     | 2417     | 2309     | 2461     | 7.28   | cps   |
| Dysprosium | 156-2 | 1173     | 1180     | 1270     | 1208     | 4.47   | cps   |
| Erbium     | 164-1 | 1967     | 1642     | 1750     | 1786     | 9.27   | cps   |
| Erbium     | 164-2 | 877      | 890      | 890      | 886      | 0.87   | cps   |
| Gadolinium | 160-1 | 2184     | 2292     | 2159     | 2211     | 3.21   | cps   |
| Gadolinium | 160-2 | 1410     | 1377     | 1467     | 1418     | 3.21   | cps   |
| Holmium    | 165-1 | 17138795 | 17222554 | 17133879 | 17165076 | 0.29   | cps   |
| Holmium    | 165-2 | 8872684  | 8784286  | 8784438  | 8813802  | 0.58   | cps   |
| Indium     | 115-1 | 12294721 | 12229053 | 12138801 | 12220859 | 0.64   | cps   |
| Indium     | 115-2 | 2761158  | 2751567  | 2756788  | 2756505  | 0.17   | cps   |
| Iron       | 56-2  | 3434127  | 3462326  | 3434822  | 3443758  | 0.47   | cps   |
| Iron       | 57-2  | 88265    | 86588    | 88203    | 87685    | 1.08   | cps   |
| Krypton    | 83-1  | 540      | 497      | 520      | 519      | 4.18   | cps   |
| Lead       | 206-1 | 18569    | 18519    | 19776    | 18955    | 3.76   | cps   |
| Lead       | 207-1 | 14859    | 14859    | 14464    | 14727    | 1.55   | cps   |
| Lead       | 208-1 | 70514    | 70954    | 70736    | 70734    | 0.31   | cps   |
| Lithium    | 6-1   | 1627767  | 1612407  | 1623469  | 1621214  | 0.49   | cps   |
| Magnesium  | 24-2  | 357735   | 352097   | 350580   | 353471   | 1.07   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P7  
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:07:53 DataFile Name : 078SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 42762    | 43300    | 43050    | 43037    | 0.63   | cps   |
| Molybdenum | 94-1  | 3259     | 3659     | 3792     | 3570     | 7.78   | cps   |
| Molybdenum | 95-1  | 4409     | 4193     | 4376     | 4326     | 2.70   | cps   |
| Molybdenum | 96-1  | 5426     | 5368     | 5084     | 5293     | 3.46   | cps   |
| Molybdenum | 97-1  | 2692     | 2792     | 2775     | 2753     | 1.95   | cps   |
| Molybdenum | 98-1  | 7377     | 7044     | 6644     | 7021     | 5.23   | cps   |
| Neodymium  | 150-1 | 3521     | 3701     | 3627     | 3616     | 2.50   | cps   |
| Neodymium  | 150-2 | 1573     | 1627     | 1600     | 1600     | 1.67   | cps   |
| Nickel     | 60-2  | 31203    | 31451    | 30873    | 31176    | 0.93   | cps   |
| Phosphorus | 31-2  | 792      | 617      | 775      | 728      | 13.27  | cps   |
| Potassium  | 39-2  | 304183   | 296305   | 302372   | 300953   | 1.37   | cps   |
| Rhodium    | 103-1 | 11015608 | 11032393 | 10911274 | 10986425 | 0.60   | cps   |
| Rhodium    | 103-2 | 6134295  | 5977128  | 6091935  | 6067786  | 1.34   | cps   |
| Scandium   | 45-1  | 5822436  | 5759560  | 5747677  | 5776558  | 0.70   | cps   |
| Scandium   | 45-2  | 417936   | 415499   | 416792   | 416742   | 0.29   | cps   |
| Selenium   | 77-2  | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Selenium   | 78-2  | 106      | 81       | 78       | 88       | 17.09  | cps   |
| Selenium   | 82-1  | -14      | 33       | 1        | 7        | 362.87 | cps   |
| Silicon    | 28-1  | 10913136 | 10812635 | 10824076 | 10849949 | 0.51   | cps   |
| Silver     | 109-1 | 1258     | 1183     | 1150     | 1197     | 4.64   | cps   |
| Silver     | 107-1 | 1417     | 1300     | 1333     | 1350     | 4.45   | cps   |
| Sodium     | 23-2  | 194360   | 192452   | 194579   | 193797   | 0.60   | cps   |
| Strontium  | 86-1  | 201309   | 201605   | 200600   | 201172   | 0.26   | cps   |
| Strontium  | 88-1  | 1783362  | 1758148  | 1768671  | 1770061  | 0.72   | cps   |
| Sulfur     | 34-1  | 352832   | 347999   | 342899   | 347910   | 1.43   | cps   |
| Terbium    | 159-1 | 17542972 | 17420711 | 17439042 | 17467575 | 0.38   | cps   |
| Terbium    | 159-2 | 8800453  | 8703908  | 8633433  | 8712598  | 0.96   | cps   |
| Thallium   | 203-1 | 167      | 275      | 233      | 225      | 24.29  | cps   |
| Thallium   | 205-1 | 625      | 508      | 600      | 578      | 10.63  | cps   |
| Tin        | 118-1 | 4468     | 4284     | 4034     | 4262     | 5.11   | cps   |
| Titanium   | 47-1  | 9128     | 10431    | 9454     | 9671     | 7.01   | cps   |
| Uranium    | 238-1 | 22663    | 22763    | 22771    | 22732    | 0.27   | cps   |
| Vanadium   | 51-2  | 10430    | 10594    | 10534    | 10519    | 0.79   | cps   |
| Yttrium    | 89-1  | 11878086 | 11926261 | 11900991 | 11901779 | 0.20   | cps   |
| Yttrium    | 89-2  | 2173065  | 2162928  | 2170229  | 2168741  | 0.24   | cps   |
| Zinc       | 66-2  | 44765    | 44668    | 45344    | 44926    | 0.81   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-09DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF028MW018-180411DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:07:53 | DataFile Name :   | 078SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2809 | 3284 | 3703 | 3265    | 13.70  | cps   |
| Zirconium | 91-1 | 617  | 917  | 733  | 756     | 20.04  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : CCV93 Instrumnet Name : P7  
 Client Sample ID : CCV93 Dilution Factor : 1  
 Date & Time Acquired :: 2018-04-23 19:19:29 DataFile Name : 079CCV\_P7042318- MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5617472   | 5676729   | 5677860   | 5657354   | 0.61   | cps   |
| Antimony   | 121-1 | 4753974   | 4745138   | 4689895   | 4729669   | 0.73   | cps   |
| Arsenic    | 75-2  | 199129    | 199011    | 201251    | 199797    | 0.63   | cps   |
| Barium     | 135-1 | 5637229   | 5641234   | 5576556   | 5618340   | 0.65   | cps   |
| Barium     | 137-1 | 9943883   | 9944619   | 9750708   | 9879737   | 1.13   | cps   |
| Beryllium  | 9-1   | 676205    | 677705    | 679710    | 677873    | 0.26   | cps   |
| Bismuth    | 209-1 | 10211490  | 10233327  | 10109620  | 10184812  | 0.65   | cps   |
| Bismuth    | 209-2 | 5471466   | 5497937   | 5535924   | 5501776   | 0.59   | cps   |
| Boron      | 10-1  | 81360     | 82233     | 81276     | 81623     | 0.65   | cps   |
| Boron      | 11-1  | 390505    | 388856    | 399002    | 392788    | 1.39   | cps   |
| Cadmium    | 111-1 | 1043933   | 1052847   | 1042173   | 1046317   | 0.55   | cps   |
| Cadmium    | 106-1 | 116997    | 117190    | 118248    | 117478    | 0.57   | cps   |
| Cadmium    | 108-1 | 79736     | 79224     | 77356     | 78772     | 1.59   | cps   |
| Calcium    | 43-1  | 5456153   | 5401904   | 5398388   | 5418815   | 0.60   | cps   |
| Calcium    | 44-1  | 89449854  | 88373892  | 88733771  | 88852505  | 0.62   | cps   |
| Chromium   | 52-2  | 1702060   | 1706226   | 1735298   | 1714528   | 1.06   | cps   |
| Cobalt     | 59-2  | 2556793   | 2554388   | 2554490   | 2555224   | 0.05   | cps   |
| Copper     | 63-2  | 3476327   | 3480589   | 3502452   | 3486456   | 0.40   | cps   |
| Dysprosium | 156-1 | 83        | 150       | 142       | 125       | 29.06  | cps   |
| Dysprosium | 156-2 | 73        | 93        | 83        | 83        | 12.01  | cps   |
| Erbium     | 164-1 | 67        | 33        | 83        | 61        | 41.66  | cps   |
| Erbium     | 164-2 | 43        | 47        | 27        | 39        | 27.55  | cps   |
| Gadolinium | 160-1 | 117       | 142       | 42        | 100       | 52.04  | cps   |
| Gadolinium | 160-2 | 187       | 213       | 177       | 192       | 9.86   | cps   |
| Holmium    | 165-1 | 16694129  | 16712903  | 16352038  | 16586356  | 1.22   | cps   |
| Holmium    | 165-2 | 8696005   | 8763725   | 8770642   | 8743458   | 0.47   | cps   |
| Indium     | 115-1 | 11581474  | 11452532  | 11426996  | 11487000  | 0.72   | cps   |
| Indium     | 115-2 | 2696467   | 2722453   | 2745199   | 2721373   | 0.90   | cps   |
| Iron       | 56-2  | 345434841 | 346035408 | 347591986 | 346354078 | 0.32   | cps   |
| Iron       | 57-2  | 8433868   | 8466695   | 8515281   | 8471948   | 0.48   | cps   |
| Krypton    | 83-1  | 527       | 460       | 513       | 500       | 7.06   | cps   |
| Lead       | 206-1 | 3807939   | 3800537   | 3770564   | 3793014   | 0.52   | cps   |
| Lead       | 207-1 | 3308641   | 3318614   | 3297518   | 3308258   | 0.32   | cps   |
| Lead       | 208-1 | 15344083  | 15310297  | 15106029  | 15253470  | 0.84   | cps   |
| Lithium    | 6-1   | 1923543   | 1924021   | 1906491   | 1918018   | 0.52   | cps   |
| Magnesium  | 24-2  | 61838347  | 62252937  | 62655499  | 62248928  | 0.66   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:19:29 | DataFile Name :   | 079CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1884305   | 1900318   | 1917119   | 1900581   | 0.86   | cps   |
| Molybdenum | 94-1  | 8932216   | 8861609   | 8897229   | 8897018   | 0.40   | cps   |
| Molybdenum | 95-1  | 11019324  | 11022498  | 10899930  | 10980584  | 0.64   | cps   |
| Molybdenum | 96-1  | 12039162  | 12014838  | 11827834  | 11960611  | 0.97   | cps   |
| Molybdenum | 97-1  | 6814085   | 6843451   | 6776215   | 6811251   | 0.49   | cps   |
| Molybdenum | 98-1  | 17806745  | 17679621  | 17550585  | 17678984  | 0.72   | cps   |
| Neodymium  | 150-1 | 420       | 420       | 333       | 391       | 12.79  | cps   |
| Neodymium  | 150-2 | 87        | 123       | 80        | 97        | 24.14  | cps   |
| Nickel     | 60-2  | 664117    | 666929    | 670074    | 667040    | 0.45   | cps   |
| Phosphorus | 31-2  | 62967     | 64222     | 65160     | 64116     | 1.72   | cps   |
| Potassium  | 39-2  | 33355458  | 33646329  | 33932473  | 33644753  | 0.86   | cps   |
| Rhodium    | 103-1 | 10425624  | 10240165  | 10288468  | 10318086  | 0.93   | cps   |
| Rhodium    | 103-2 | 5549033   | 5537111   | 5580948   | 5555697   | 0.41   | cps   |
| Scandium   | 45-1  | 6224224   | 6143453   | 6202043   | 6189907   | 0.67   | cps   |
| Scandium   | 45-2  | 428207    | 433180    | 436105    | 432497    | 0.92   | cps   |
| Selenium   | 77-2  | 4044      | 3904      | 4064      | 4004      | 2.18   | cps   |
| Selenium   | 78-2  | 13458     | 13410     | 13732     | 13534     | 1.29   | cps   |
| Selenium   | 82-1  | 61858     | 61955     | 61380     | 61731     | 0.50   | cps   |
| Silicon    | 28-1  | 2731816   | 2764230   | 2761966   | 2752671   | 0.66   | cps   |
| Silver     | 109-1 | 5006871   | 5007656   | 4965063   | 4993197   | 0.49   | cps   |
| Silver     | 107-1 | 5252259   | 5193273   | 5209801   | 5218445   | 0.58   | cps   |
| Sodium     | 23-2  | 119531336 | 119658474 | 120751261 | 119980357 | 0.56   | cps   |
| Strontium  | 86-1  | 1364632   | 1345565   | 1352768   | 1354322   | 0.71   | cps   |
| Strontium  | 88-1  | 12281260  | 12154580  | 12217510  | 12217783  | 0.52   | cps   |
| Sulfur     | 34-1  | 720059    | 723650    | 718311    | 720673    | 0.38   | cps   |
| Terbium    | 159-1 | 17011423  | 16793265  | 16640541  | 16815076  | 1.11   | cps   |
| Terbium    | 159-2 | 8609997   | 8661058   | 8640019   | 8637025   | 0.30   | cps   |
| Thallium   | 203-1 | 4669977   | 4725229   | 4604987   | 4666731   | 1.29   | cps   |
| Thallium   | 205-1 | 11532712  | 11551949  | 11295751  | 11460137  | 1.25   | cps   |
| Tin        | 118-1 | 3560341   | 3542507   | 3512940   | 3538596   | 0.68   | cps   |
| Titanium   | 47-1  | 2559518   | 2559883   | 2565173   | 2561525   | 0.12   | cps   |
| Uranium    | 238-1 | 16716117  | 16788717  | 16584904  | 16696579  | 0.62   | cps   |
| Vanadium   | 51-2  | 1395546   | 1400506   | 1412468   | 1402840   | 0.62   | cps   |
| Yttrium    | 89-1  | 11924559  | 11970349  | 11904441  | 11933116  | 0.28   | cps   |
| Yttrium    | 89-2  | 2190609   | 2214067   | 2212396   | 2205690   | 0.59   | cps   |
| Zinc       | 66-2  | 509612    | 510910    | 517965    | 512829    | 0.88   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:19:29 | DataFile Name :   | 079CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7330447 | 7377440 | 7306160 | 7338016 | 0.49   | cps   |
| Zirconium | 91-1 | 1603530 | 1600814 | 1607892 | 1604078 | 0.22   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 50       | 75       | 64       | 19.92  | cps   |
| Antimony   | 121-1 | 1300     | 1608     | 2192     | 1700     | 26.64  | cps   |
| Arsenic    | 75-2  | 19       | 22       | 4        | 15       | 66.16  | cps   |
| Barium     | 135-1 | 17       | 67       | 67       | 50       | 57.73  | cps   |
| Barium     | 137-1 | 100      | 158      | 75       | 111      | 38.49  | cps   |
| Beryllium  | 9-1   | 117      | 78       | 122      | 106      | 22.94  | cps   |
| Bismuth    | 209-1 | 11057501 | 11033996 | 11005025 | 11032174 | 0.24   | cps   |
| Bismuth    | 209-2 | 5846423  | 5870057  | 5882867  | 5866449  | 0.32   | cps   |
| Boron      | 10-1  | 1067     | 1167     | 1117     | 1117     | 4.48   | cps   |
| Boron      | 11-1  | 5760     | 5568     | 5435     | 5587     | 2.93   | cps   |
| Cadmium    | 111-1 | 1792     | 1725     | 1773     | 1763     | 1.95   | cps   |
| Cadmium    | 106-1 | 3526     | 3426     | 3559     | 3503     | 1.98   | cps   |
| Cadmium    | 108-1 | 0        | 0        | 21       | 7        | 173.21 | cps   |
| Calcium    | 43-1  | 208      | 242      | 317      | 256      | 21.71  | cps   |
| Calcium    | 44-1  | 10404    | 10879    | 11021    | 10768    | 3.00   | cps   |
| Chromium   | 52-2  | 523      | 590      | 687      | 600      | 13.69  | cps   |
| Cobalt     | 59-2  | 87       | 70       | 93       | 83       | 14.43  | cps   |
| Copper     | 63-2  | 2020     | 1870     | 2144     | 2011     | 6.81   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 27       | 37       | 23       | 29       | 24.03  | cps   |
| Gadolinium | 160-1 | 33       | 83       | 108      | 75       | 50.92  | cps   |
| Gadolinium | 160-2 | 163      | 183      | 137      | 161      | 14.53  | cps   |
| Holmium    | 165-1 | 16798621 | 16740644 | 16686669 | 16741978 | 0.33   | cps   |
| Holmium    | 165-2 | 8779789  | 8702602  | 8722990  | 8735127  | 0.46   | cps   |
| Indium     | 115-1 | 12203200 | 12143440 | 12020922 | 12122521 | 0.77   | cps   |
| Indium     | 115-2 | 2787366  | 2782582  | 2800866  | 2790271  | 0.34   | cps   |
| Iron       | 56-2  | 6163     | 6385     | 6135     | 6227     | 2.20   | cps   |
| Iron       | 57-2  | 528      | 528      | 583      | 546      | 5.87   | cps   |
| Krypton    | 83-1  | 500      | 500      | 510      | 503      | 1.15   | cps   |
| Lead       | 206-1 | 1500     | 1622     | 1450     | 1524     | 5.81   | cps   |
| Lead       | 207-1 | 1306     | 1133     | 1456     | 1298     | 12.42  | cps   |
| Lead       | 208-1 | 5928     | 5684     | 5862     | 5825     | 2.17   | cps   |
| Lithium    | 6-1   | 2114534  | 2108726  | 2084597  | 2102619  | 0.76   | cps   |
| Magnesium  | 24-2  | 658      | 533      | 583      | 592      | 10.63  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 63       | 110      | 67       | 80       | 32.54  | cps   |
| Molybdenum | 94-1  | 508      | 600      | 592      | 567      | 8.95   | cps   |
| Molybdenum | 95-1  | 517      | 508      | 400      | 475      | 13.70  | cps   |
| Molybdenum | 96-1  | 583      | 592      | 750      | 642      | 14.64  | cps   |
| Molybdenum | 97-1  | 242      | 317      | 308      | 289      | 14.23  | cps   |
| Molybdenum | 98-1  | 658      | 733      | 1033     | 808      | 24.55  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 50       | 23       | 60       | 44       | 42.65  | cps   |
| Phosphorus | 31-2  | 242      | 417      | 300      | 319      | 27.89  | cps   |
| Potassium  | 39-2  | 53975    | 53322    | 53305    | 53534    | 0.71   | cps   |
| Rhodium    | 103-1 | 11208584 | 11196174 | 11142056 | 11182271 | 0.32   | cps   |
| Rhodium    | 103-2 | 5859235  | 5861068  | 5907528  | 5875944  | 0.47   | cps   |
| Scandium   | 45-1  | 6308725  | 6301067  | 6188571  | 6266121  | 1.07   | cps   |
| Scandium   | 45-2  | 408924   | 403934   | 406262   | 406373   | 0.61   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 100      | 115      | 111      | 109      | 7.10   | cps   |
| Selenium   | 82-1  | 23       | -7       | 6        | 7        | 210.38 | cps   |
| Silicon    | 28-1  | 249438   | 245371   | 245844   | 246885   | 0.90   | cps   |
| Silver     | 109-1 | 425      | 467      | 458      | 450      | 4.90   | cps   |
| Silver     | 107-1 | 483      | 583      | 567      | 544      | 9.84   | cps   |
| Sodium     | 23-2  | 31100    | 31776    | 30942    | 31272    | 1.42   | cps   |
| Strontium  | 86-1  | 717      | 900      | 900      | 839      | 12.62  | cps   |
| Strontium  | 88-1  | 258      | 258      | 292      | 269      | 7.14   | cps   |
| Sulfur     | 34-1  | 415358   | 417291   | 414418   | 415689   | 0.35   | cps   |
| Terbium    | 159-1 | 17062411 | 17101499 | 16832104 | 16998671 | 0.86   | cps   |
| Terbium    | 159-2 | 8703092  | 8596558  | 8592129  | 8630593  | 0.73   | cps   |
| Thallium   | 203-1 | 592      | 700      | 533      | 608      | 13.90  | cps   |
| Thallium   | 205-1 | 1592     | 1575     | 1542     | 1570     | 1.62   | cps   |
| Tin        | 118-1 | 533      | 692      | 633      | 619      | 12.93  | cps   |
| Titanium   | 47-1  | 158      | 108      | 42       | 103      | 56.95  | cps   |
| Uranium    | 238-1 | 75       | 67       | 58       | 67       | 12.50  | cps   |
| Vanadium   | 51-2  | 37       | 50       | 67       | 51       | 29.41  | cps   |
| Yttrium    | 89-1  | 12171322 | 12067212 | 11990293 | 12076276 | 0.75   | cps   |
| Yttrium    | 89-2  | 2154946  | 2148554  | 2159956  | 2154485  | 0.27   | cps   |
| Zinc       | 66-2  | 200      | 207      | 167      | 191      | 11.21  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:28:28 | DataFile Name :   | 080CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 850  | 825  | 825  | 833     | 1.73   | cps   |
| Zirconium | 91-1 | 158  | 158  | 175  | 164     | 5.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4267      | 3926      | 4259      | 4151      | 4.70   | cps   |
| Antimony   | 121-1 | 7119      | 7677      | 8920      | 7905      | 11.66  | cps   |
| Arsenic    | 75-2  | 1569      | 1696      | 1715      | 1660      | 4.80   | cps   |
| Barium     | 135-1 | 77944     | 77399     | 78489     | 77944     | 0.70   | cps   |
| Barium     | 137-1 | 133058    | 139251    | 137121    | 136477    | 2.31   | cps   |
| Beryllium  | 9-1   | 78        | 122       | 56        | 85        | 39.85  | cps   |
| Bismuth    | 209-1 | 9892013   | 10007677  | 10125149  | 10008280  | 1.16   | cps   |
| Bismuth    | 209-2 | 5285587   | 5349738   | 5304341   | 5313222   | 0.62   | cps   |
| Boron      | 10-1  | 122643    | 121452    | 122316    | 122137    | 0.50   | cps   |
| Boron      | 11-1  | 603091    | 619135    | 606926    | 609717    | 1.37   | cps   |
| Cadmium    | 111-1 | 1506      | 1724      | 1516      | 1582      | 7.76   | cps   |
| Cadmium    | 106-1 | 2759      | 3100      | 2700      | 2853      | 7.58   | cps   |
| Cadmium    | 108-1 | 21        | 8         | 38        | 22        | 65.86  | cps   |
| Calcium    | 43-1  | 7556727   | 7763036   | 7818571   | 7712778   | 1.79   | cps   |
| Calcium    | 44-1  | 124284453 | 126742478 | 127155203 | 126060711 | 1.23   | cps   |
| Chromium   | 52-2  | 5845      | 6065      | 6361      | 6090      | 4.26   | cps   |
| Cobalt     | 59-2  | 5071      | 5318      | 5424      | 5271      | 3.44   | cps   |
| Copper     | 63-2  | 16049     | 16453     | 15645     | 16049     | 2.52   | cps   |
| Dysprosium | 156-1 | 158       | 175       | 150       | 161       | 7.90   | cps   |
| Dysprosium | 156-2 | 103       | 100       | 60        | 88        | 27.47  | cps   |
| Erbium     | 164-1 | 225       | 275       | 267       | 256       | 10.48  | cps   |
| Erbium     | 164-2 | 87        | 100       | 107       | 98        | 10.41  | cps   |
| Gadolinium | 160-1 | 208       | 367       | 225       | 267       | 32.63  | cps   |
| Gadolinium | 160-2 | 200       | 250       | 183       | 211       | 16.44  | cps   |
| Holmium    | 165-1 | 15710289  | 16085167  | 15939417  | 15911624  | 1.19   | cps   |
| Holmium    | 165-2 | 8369219   | 8372182   | 8290613   | 8344005   | 0.55   | cps   |
| Indium     | 115-1 | 10945606  | 11086056  | 11188068  | 11073243  | 1.10   | cps   |
| Indium     | 115-2 | 2558253   | 2583310   | 2560272   | 2567278   | 0.54   | cps   |
| Iron       | 56-2  | 13650854  | 13736257  | 13536538  | 13641217  | 0.73   | cps   |
| Iron       | 57-2  | 354226    | 358367    | 357896    | 356830    | 0.64   | cps   |
| Krypton    | 83-1  | 487       | 550       | 513       | 517       | 6.15   | cps   |
| Lead       | 206-1 | 3206      | 3428      | 3278      | 3304      | 3.43   | cps   |
| Lead       | 207-1 | 2761      | 2773      | 2828      | 2787      | 1.28   | cps   |
| Lead       | 208-1 | 12747     | 12719     | 12964     | 12810     | 1.04   | cps   |
| Lithium    | 6-1   | 2063449   | 2073243   | 2030392   | 2055695   | 1.09   | cps   |
| Magnesium  | 24-2  | 21420467  | 21480023  | 21249073  | 21383188  | 0.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 832450   | 834451   | 823663   | 830188   | 0.69   | cps   |
| Molybdenum | 94-1  | 4084     | 4359     | 4184     | 4209     | 3.31   | cps   |
| Molybdenum | 95-1  | 4968     | 5176     | 4684     | 4943     | 5.00   | cps   |
| Molybdenum | 96-1  | 5768     | 5785     | 6043     | 5865     | 2.63   | cps   |
| Molybdenum | 97-1  | 3409     | 3542     | 3401     | 3451     | 2.30   | cps   |
| Molybdenum | 98-1  | 8153     | 8344     | 8686     | 8394     | 3.22   | cps   |
| Neodymium  | 150-1 | 213      | 240      | 320      | 258      | 21.54  | cps   |
| Neodymium  | 150-2 | 90       | 77       | 83       | 83       | 8.00   | cps   |
| Nickel     | 60-2  | 14270    | 14471    | 14037    | 14259    | 1.52   | cps   |
| Phosphorus | 31-2  | 458      | 500      | 467      | 475      | 4.64   | cps   |
| Potassium  | 39-2  | 2711735  | 2710212  | 2708170  | 2710039  | 0.07   | cps   |
| Rhodium    | 103-1 | 9394887  | 9625221  | 9754262  | 9591457  | 1.90   | cps   |
| Rhodium    | 103-2 | 5277111  | 5321525  | 5275575  | 5291404  | 0.49   | cps   |
| Scandium   | 45-1  | 5370977  | 5455061  | 5518167  | 5448068  | 1.36   | cps   |
| Scandium   | 45-2  | 372220   | 374261   | 371706   | 372729   | 0.36   | cps   |
| Selenium   | 77-2  | 50       | 33       | 57       | 47       | 25.76  | cps   |
| Selenium   | 78-2  | 104      | 93       | 89       | 95       | 8.11   | cps   |
| Selenium   | 82-1  | 213      | 172      | 248      | 211      | 18.04  | cps   |
| Silicon    | 28-1  | 45750044 | 46763975 | 46085971 | 46199997 | 1.12   | cps   |
| Silver     | 109-1 | 3326     | 3367     | 3276     | 3323     | 1.38   | cps   |
| Silver     | 107-1 | 3651     | 3501     | 3384     | 3512     | 3.81   | cps   |
| Sodium     | 23-2  | 54550241 | 54897370 | 54565460 | 54671023 | 0.36   | cps   |
| Strontium  | 86-1  | 6800972  | 6942191  | 6999857  | 6914340  | 1.48   | cps   |
| Strontium  | 88-1  | 60071374 | 61524789 | 61996568 | 61197577 | 1.64   | cps   |
| Sulfur     | 34-1  | 7775017  | 7952626  | 7957240  | 7894961  | 1.32   | cps   |
| Terbium    | 159-1 | 15945996 | 16066332 | 16089336 | 16033888 | 0.48   | cps   |
| Terbium    | 159-2 | 8248537  | 8287392  | 8230547  | 8255492  | 0.35   | cps   |
| Thallium   | 203-1 | 4968     | 2917     | 1809     | 3231     | 49.61  | cps   |
| Thallium   | 205-1 | 11447    | 7369     | 4468     | 7761     | 45.18  | cps   |
| Tin        | 118-1 | 9896     | 10296    | 10329    | 10174    | 2.37   | cps   |
| Titanium   | 47-1  | 1417     | 1542     | 1409     | 1456     | 5.13   | cps   |
| Uranium    | 238-1 | 41025    | 42179    | 42940    | 42048    | 2.29   | cps   |
| Vanadium   | 51-2  | 6602     | 6815     | 6808     | 6742     | 1.80   | cps   |
| Yttrium    | 89-1  | 10724171 | 11040298 | 11089009 | 10951159 | 1.81   | cps   |
| Yttrium    | 89-2  | 2009683  | 2007890  | 2000153  | 2005909  | 0.25   | cps   |
| Zinc       | 66-2  | 3287     | 3467     | 3444     | 3399     | 2.88   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | J2349-05            | Instrumnet Name : | P7                   |
| Client Sample ID :      | LF012MW001-180410   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:39:36 | DataFile Name :   | 081SMPL_P7042318- M1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4076 | 3676 | 3334 | 3695    | 10.05  | cps   |
| Zirconium | 91-1 | 950  | 925  | 925  | 933     | 1.55   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-01DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:43:11 DataFile Name : 082SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 708      | 758      | 1402     | 956      | 40.47  | cps   |
| Antimony   | 121-1 | 1792     | 1967     | 1942     | 1900     | 4.98   | cps   |
| Arsenic    | 75-2  | 207      | 215      | 256      | 226      | 11.48  | cps   |
| Barium     | 135-1 | 71828    | 71936    | 72213    | 71992    | 0.28   | cps   |
| Barium     | 137-1 | 123605   | 123764   | 121184   | 122851   | 1.18   | cps   |
| Beryllium  | 9-1   | 89       | 111      | 111      | 104      | 12.37  | cps   |
| Bismuth    | 209-1 | 10891037 | 10803718 | 10934648 | 10876467 | 0.61   | cps   |
| Bismuth    | 209-2 | 5678555  | 5902907  | 5929251  | 5836904  | 2.36   | cps   |
| Boron      | 10-1  | 7894     | 7010     | 7510     | 7472     | 5.93   | cps   |
| Boron      | 11-1  | 37614    | 38015    | 37247    | 37626    | 1.02   | cps   |
| Cadmium    | 111-1 | 1669     | 1588     | 1862     | 1706     | 8.27   | cps   |
| Cadmium    | 106-1 | 3317     | 3075     | 3642     | 3345     | 8.50   | cps   |
| Cadmium    | 108-1 | 33       | 0        | 13       | 15       | 110.22 | cps   |
| Calcium    | 43-1  | 726182   | 721175   | 718432   | 721929   | 0.54   | cps   |
| Calcium    | 44-1  | 12093520 | 12033411 | 11920733 | 12015888 | 0.73   | cps   |
| Chromium   | 52-2  | 1347     | 1277     | 1410     | 1345     | 4.96   | cps   |
| Cobalt     | 59-2  | 327      | 310      | 350      | 329      | 6.11   | cps   |
| Copper     | 63-2  | 8993     | 9400     | 9263     | 9219     | 2.25   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 42       | 36       | 26.65  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 23       | 14       | 58.06  | cps   |
| Erbium     | 164-1 | 42       | 42       | 58       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 20       | 37       | 40       | 32       | 33.25  | cps   |
| Gadolinium | 160-1 | 117      | 117      | 92       | 108      | 13.32  | cps   |
| Gadolinium | 160-2 | 167      | 190      | 170      | 176      | 7.19   | cps   |
| Holmium    | 165-1 | 16638496 | 16716667 | 16711732 | 16688965 | 0.26   | cps   |
| Holmium    | 165-2 | 8707973  | 8828947  | 8951399  | 8829440  | 1.38   | cps   |
| Indium     | 115-1 | 12134621 | 12044449 | 12136570 | 12105213 | 0.43   | cps   |
| Indium     | 115-2 | 2766480  | 2832516  | 2867092  | 2822030  | 1.81   | cps   |
| Iron       | 56-2  | 37091    | 34420    | 35255    | 35589    | 3.84   | cps   |
| Iron       | 57-2  | 4367     | 4662     | 4829     | 4619     | 5.06   | cps   |
| Krypton    | 83-1  | 470      | 463      | 477      | 470      | 1.42   | cps   |
| Lead       | 206-1 | 917      | 761      | 756      | 811      | 11.28  | cps   |
| Lead       | 207-1 | 750      | 772      | 706      | 743      | 4.57   | cps   |
| Lead       | 208-1 | 3473     | 3061     | 3172     | 3235     | 6.57   | cps   |
| Lithium    | 6-1   | 1850355  | 1824092  | 1834556  | 1836334  | 0.72   | cps   |
| Magnesium  | 24-2  | 716133   | 738565   | 747597   | 734098   | 2.21   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2349-01DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:43:11 DataFile Name : 082SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 11718    | 12125    | 12506    | 12116    | 3.25   | cps   |
| Molybdenum | 94-1  | 1225     | 1308     | 1267     | 1267     | 3.29   | cps   |
| Molybdenum | 95-1  | 1600     | 1625     | 1550     | 1592     | 2.40   | cps   |
| Molybdenum | 96-1  | 1467     | 1925     | 1642     | 1678     | 13.79  | cps   |
| Molybdenum | 97-1  | 942      | 933      | 1025     | 967      | 5.24   | cps   |
| Molybdenum | 98-1  | 2700     | 2509     | 2717     | 2642     | 4.38   | cps   |
| Neodymium  | 150-1 | 40       | 27       | 27       | 31       | 24.74  | cps   |
| Neodymium  | 150-2 | 13       | 10       | 17       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 783      | 910      | 1057     | 917      | 14.92  | cps   |
| Phosphorus | 31-2  | 392      | 408      | 383      | 394      | 3.23   | cps   |
| Potassium  | 39-2  | 744045   | 776222   | 785329   | 768532   | 2.82   | cps   |
| Rhodium    | 103-1 | 10929428 | 10953393 | 10893087 | 10925303 | 0.28   | cps   |
| Rhodium    | 103-2 | 6008923  | 6089167  | 6204862  | 6100984  | 1.61   | cps   |
| Scandium   | 45-1  | 5922183  | 5931802  | 5872873  | 5908953  | 0.54   | cps   |
| Scandium   | 45-2  | 411210   | 421651   | 428054   | 420305   | 2.02   | cps   |
| Selenium   | 77-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 94       | 81       | 111      | 96       | 15.52  | cps   |
| Selenium   | 82-1  | 125      | 137      | 96       | 119      | 17.48  | cps   |
| Silicon    | 28-1  | 4948768  | 4990764  | 4924274  | 4954602  | 0.68   | cps   |
| Silver     | 109-1 | 1233     | 1392     | 1417     | 1347     | 7.38   | cps   |
| Silver     | 107-1 | 1242     | 1333     | 1292     | 1289     | 3.56   | cps   |
| Sodium     | 23-2  | 2614689  | 2698192  | 2706305  | 2673062  | 1.90   | cps   |
| Strontium  | 86-1  | 390150   | 386588   | 384459   | 387066   | 0.74   | cps   |
| Strontium  | 88-1  | 3490381  | 3449685  | 3438180  | 3459415  | 0.79   | cps   |
| Sulfur     | 34-1  | 597569   | 595677   | 593550   | 595599   | 0.34   | cps   |
| Terbium    | 159-1 | 16878991 | 17012111 | 17074629 | 16988577 | 0.59   | cps   |
| Terbium    | 159-2 | 8610437  | 8729055  | 8843977  | 8727823  | 1.34   | cps   |
| Thallium   | 203-1 | 400      | 450      | 400      | 417      | 6.93   | cps   |
| Thallium   | 205-1 | 1033     | 917      | 967      | 972      | 6.02   | cps   |
| Tin        | 118-1 | 1400     | 1417     | 1333     | 1383     | 3.19   | cps   |
| Titanium   | 47-1  | 300      | 225      | 333      | 286      | 19.40  | cps   |
| Uranium    | 238-1 | 11280    | 10780    | 10947    | 11002    | 2.32   | cps   |
| Vanadium   | 51-2  | 4584     | 4784     | 4728     | 4699     | 2.19   | cps   |
| Yttrium    | 89-1  | 11946651 | 11900574 | 11912306 | 11919844 | 0.20   | cps   |
| Yttrium    | 89-2  | 2160334  | 2217032  | 2235567  | 2204311  | 1.78   | cps   |
| Zinc       | 66-2  | 1817     | 1870     | 2050     | 1912     | 6.39   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2349-01DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012RW035-180409DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:43:11 | DataFile Name :   | 082SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1058 | 1092 | 1167 | 1106    | 5.02   | cps   |
| Zirconium | 91-1 | 308  | 250  | 292  | 283     | 10.61  | cps   |



LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-11DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW008-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:46:44 DataFile Name : 083SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 533      | 592      | 433      | 519      | 15.42  | cps   |
| Antimony   | 121-1 | 1233     | 1442     | 1375     | 1350     | 7.88   | cps   |
| Arsenic    | 75-2  | 167      | 191      | 194      | 184      | 8.20   | cps   |
| Barium     | 135-1 | 77726    | 77515    | 78162    | 77801    | 0.42   | cps   |
| Barium     | 137-1 | 137828   | 135447   | 135935   | 136404   | 0.92   | cps   |
| Beryllium  | 9-1   | 89       | 89       | 61       | 80       | 20.14  | cps   |
| Bismuth    | 209-1 | 10565904 | 10602570 | 10524727 | 10564400 | 0.37   | cps   |
| Bismuth    | 209-2 | 5623179  | 5655793  | 5729910  | 5669627  | 0.96   | cps   |
| Boron      | 10-1  | 16051    | 17327    | 17210    | 16863    | 4.18   | cps   |
| Boron      | 11-1  | 83348    | 84745    | 84654    | 84249    | 0.93   | cps   |
| Cadmium    | 111-1 | 1797     | 1607     | 1736     | 1713     | 5.68   | cps   |
| Cadmium    | 106-1 | 3601     | 3167     | 3484     | 3417     | 6.56   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 21       | 19       | 12.35  | cps   |
| Calcium    | 43-1  | 1072516  | 1068031  | 1054397  | 1064982  | 0.89   | cps   |
| Calcium    | 44-1  | 17743830 | 17769633 | 17618637 | 17710700 | 0.46   | cps   |
| Chromium   | 52-2  | 2877     | 3010     | 3047     | 2978     | 3.00   | cps   |
| Cobalt     | 59-2  | 747      | 797      | 703      | 749      | 6.24   | cps   |
| Copper     | 63-2  | 5845     | 6255     | 5798     | 5966     | 4.21   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 8        | 17       | 86.64  | cps   |
| Dysprosium | 156-2 | 0        | 13       | 10       | 8        | 89.21  | cps   |
| Erbium     | 164-1 | 42       | 50       | 100      | 64       | 49.38  | cps   |
| Erbium     | 164-2 | 20       | 27       | 53       | 33       | 52.91  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 58       | 83       | 26.45  | cps   |
| Gadolinium | 160-2 | 230      | 140      | 150      | 173      | 28.46  | cps   |
| Holmium    | 165-1 | 16500593 | 16623653 | 16576922 | 16567056 | 0.37   | cps   |
| Holmium    | 165-2 | 8650254  | 8700850  | 8675071  | 8675392  | 0.29   | cps   |
| Indium     | 115-1 | 11868899 | 11926038 | 11844013 | 11879650 | 0.35   | cps   |
| Indium     | 115-2 | 2747666  | 2760728  | 2760546  | 2756314  | 0.27   | cps   |
| Iron       | 56-2  | 136074   | 137695   | 137761   | 137177   | 0.70   | cps   |
| Iron       | 57-2  | 8319     | 8653     | 8536     | 8503     | 1.99   | cps   |
| Krypton    | 83-1  | 447      | 500      | 590      | 512      | 14.14  | cps   |
| Lead       | 206-1 | 2045     | 1856     | 2000     | 1967     | 5.02   | cps   |
| Lead       | 207-1 | 1650     | 1661     | 1528     | 1613     | 4.59   | cps   |
| Lead       | 208-1 | 7890     | 7796     | 7368     | 7684     | 3.62   | cps   |
| Lithium    | 6-1   | 1805696  | 1786475  | 1765810  | 1785994  | 1.12   | cps   |
| Magnesium  | 24-2  | 2235579  | 2246093  | 2240985  | 2240886  | 0.23   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-11DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW008-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:46:44 DataFile Name : 083SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 10597    | 10547    | 10704    | 10616    | 0.75   | cps   |
| Molybdenum | 94-1  | 1058     | 1125     | 700      | 961      | 23.78  | cps   |
| Molybdenum | 95-1  | 908      | 767      | 983      | 886      | 12.42  | cps   |
| Molybdenum | 96-1  | 1208     | 1050     | 1067     | 1108     | 7.85   | cps   |
| Molybdenum | 97-1  | 617      | 700      | 542      | 619      | 12.79  | cps   |
| Molybdenum | 98-1  | 1600     | 1533     | 1558     | 1564     | 2.15   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 47       | 31       | 53.94  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 7936     | 7465     | 7762     | 7721     | 3.08   | cps   |
| Phosphorus | 31-2  | 292      | 400      | 283      | 325      | 20.03  | cps   |
| Potassium  | 39-2  | 336732   | 339351   | 339136   | 338406   | 0.43   | cps   |
| Rhodium    | 103-1 | 10708431 | 10665851 | 10727336 | 10700539 | 0.29   | cps   |
| Rhodium    | 103-2 | 5788056  | 5818431  | 5862858  | 5823115  | 0.65   | cps   |
| Scandium   | 45-1  | 5864480  | 5904761  | 5886401  | 5885214  | 0.34   | cps   |
| Scandium   | 45-2  | 411525   | 412381   | 411568   | 411824   | 0.12   | cps   |
| Selenium   | 77-2  | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Selenium   | 78-2  | 119      | 104      | 109      | 110      | 6.77   | cps   |
| Selenium   | 82-1  | 204      | 111      | 36       | 117      | 71.95  | cps   |
| Silicon    | 28-1  | 9126940  | 8993614  | 8964093  | 9028216  | 0.96   | cps   |
| Silver     | 109-1 | 1492     | 1158     | 1392     | 1347     | 12.70  | cps   |
| Silver     | 107-1 | 1458     | 1408     | 1533     | 1467     | 4.29   | cps   |
| Sodium     | 23-2  | 9920078  | 9922472  | 9950789  | 9931113  | 0.17   | cps   |
| Strontium  | 86-1  | 778901   | 777103   | 775272   | 777092   | 0.23   | cps   |
| Strontium  | 88-1  | 7039943  | 7085246  | 7026206  | 7050465  | 0.44   | cps   |
| Sulfur     | 34-1  | 763409   | 758407   | 751705   | 757840   | 0.77   | cps   |
| Terbium    | 159-1 | 16894379 | 16869718 | 16759184 | 16841094 | 0.43   | cps   |
| Terbium    | 159-2 | 8591307  | 8599383  | 8639799  | 8610163  | 0.30   | cps   |
| Thallium   | 203-1 | 233      | 300      | 225      | 253      | 16.26  | cps   |
| Thallium   | 205-1 | 750      | 733      | 567      | 683      | 14.84  | cps   |
| Tin        | 118-1 | 1533     | 1600     | 1383     | 1506     | 7.37   | cps   |
| Titanium   | 47-1  | 350      | 375      | 408      | 378      | 7.75   | cps   |
| Uranium    | 238-1 | 28909    | 28291    | 27823    | 28341    | 1.92   | cps   |
| Vanadium   | 51-2  | 1320     | 1410     | 1117     | 1282     | 11.72  | cps   |
| Yttrium    | 89-1  | 11780047 | 11828424 | 11746288 | 11784920 | 0.35   | cps   |
| Yttrium    | 89-2  | 2152392  | 2172069  | 2171402  | 2165288  | 0.52   | cps   |
| Zinc       | 66-2  | 470      | 523      | 587      | 527      | 11.09  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-11DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW008-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:46:44 | DataFile Name :   | 083SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1267 | 1033 | 1117 | 1139    | 10.38  | cps   |
| Zirconium | 91-1 | 308  | 175  | 375  | 286     | 35.59  | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-12DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW007-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:50:18 DataFile Name : 084SMPL\_P7042318- M1

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 242      | 175      | 242      | 219      | 17.54  | cps   |
| Antimony   | 121-1 | 1275     | 1525     | 1417     | 1406     | 8.92   | cps   |
| Arsenic    | 75-2  | 1298     | 1415     | 1420     | 1378     | 5.01   | cps   |
| Barium     | 135-1 | 88238    | 87265    | 87030    | 87511    | 0.73   | cps   |
| Barium     | 137-1 | 151309   | 154197   | 153979   | 153162   | 1.05   | cps   |
| Beryllium  | 9-1   | 78       | 72       | 39       | 63       | 33.40  | cps   |
| Bismuth    | 209-1 | 10593112 | 10691803 | 10733657 | 10672857 | 0.68   | cps   |
| Bismuth    | 209-2 | 5677826  | 5667311  | 5727302  | 5690813  | 0.56   | cps   |
| Boron      | 10-1  | 16702    | 17778    | 18420    | 17633    | 4.92   | cps   |
| Boron      | 11-1  | 85851    | 89297    | 87964    | 87704    | 1.98   | cps   |
| Cadmium    | 111-1 | 1784     | 1823     | 1803     | 1803     | 1.09   | cps   |
| Cadmium    | 106-1 | 3442     | 3342     | 3359     | 3381     | 1.59   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 8        | 19       | 53.95  | cps   |
| Calcium    | 43-1  | 683814   | 686627   | 689619   | 686687   | 0.42   | cps   |
| Calcium    | 44-1  | 11443696 | 11429926 | 11406113 | 11426578 | 0.17   | cps   |
| Chromium   | 52-2  | 1167     | 950      | 1073     | 1063     | 10.22  | cps   |
| Cobalt     | 59-2  | 290      | 297      | 307      | 298      | 2.82   | cps   |
| Copper     | 63-2  | 5251     | 5038     | 5201     | 5163     | 2.16   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 13       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 67       | 83       | 42       | 64       | 32.83  | cps   |
| Erbium     | 164-2 | 27       | 10       | 30       | 22       | 48.22  | cps   |
| Gadolinium | 160-1 | 108      | 75       | 67       | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 143      | 77       | 160      | 127      | 34.81  | cps   |
| Holmium    | 165-1 | 16514307 | 16577717 | 16684317 | 16592114 | 0.52   | cps   |
| Holmium    | 165-2 | 8663730  | 8581274  | 8638336  | 8627780  | 0.49   | cps   |
| Indium     | 115-1 | 11919954 | 12023878 | 11908284 | 11950705 | 0.53   | cps   |
| Indium     | 115-2 | 2722706  | 2735336  | 2743659  | 2733900  | 0.39   | cps   |
| Iron       | 56-2  | 5790658  | 5752092  | 5731416  | 5758055  | 0.52   | cps   |
| Iron       | 57-2  | 141278   | 138357   | 140841   | 140159   | 1.12   | cps   |
| Krypton    | 83-1  | 483      | 480      | 543      | 502      | 7.10   | cps   |
| Lead       | 206-1 | 811      | 767      | 689      | 756      | 8.19   | cps   |
| Lead       | 207-1 | 622      | 561      | 694      | 626      | 10.66  | cps   |
| Lead       | 208-1 | 2984     | 2995     | 2928     | 2969     | 1.20   | cps   |
| Lithium    | 6-1   | 1806574  | 1810220  | 1791570  | 1802788  | 0.55   | cps   |
| Magnesium  | 24-2  | 1618994  | 1619312  | 1618574  | 1618960  | 0.02   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:50:18 | DataFile Name :   | 084SMPL_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 349206   | 349732   | 349409   | 349449   | 0.08   | cps   |
| Molybdenum | 94-1  | 1950     | 1809     | 2167     | 1975     | 9.14   | cps   |
| Molybdenum | 95-1  | 2625     | 2800     | 2759     | 2728     | 3.35   | cps   |
| Molybdenum | 96-1  | 3034     | 3059     | 3150     | 3081     | 1.99   | cps   |
| Molybdenum | 97-1  | 1834     | 1709     | 1650     | 1731     | 5.41   | cps   |
| Molybdenum | 98-1  | 4318     | 4559     | 4476     | 4451     | 2.76   | cps   |
| Neodymium  | 150-1 | 7        | 33       | 33       | 24       | 62.97  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 257      | 283      | 260      | 267      | 5.45   | cps   |
| Phosphorus | 31-2  | 300      | 383      | 283      | 322      | 16.63  | cps   |
| Potassium  | 39-2  | 289769   | 283611   | 288812   | 287397   | 1.15   | cps   |
| Rhodium    | 103-1 | 10702637 | 10777696 | 10727980 | 10736104 | 0.36   | cps   |
| Rhodium    | 103-2 | 5818876  | 5825590  | 5817898  | 5820788  | 0.07   | cps   |
| Scandium   | 45-1  | 5869573  | 5866414  | 5806889  | 5847625  | 0.60   | cps   |
| Scandium   | 45-2  | 402359   | 403364   | 401170   | 402297   | 0.27   | cps   |
| Selenium   | 77-2  | 17       | 13       | 17       | 16       | 12.40  | cps   |
| Selenium   | 78-2  | 98       | 94       | 102      | 98       | 3.77   | cps   |
| Selenium   | 82-1  | 101      | 106      | -38      | 56       | 145.85 | cps   |
| Silicon    | 28-1  | 12642645 | 12805691 | 12764478 | 12737605 | 0.67   | cps   |
| Silver     | 109-1 | 1142     | 1408     | 1242     | 1264     | 10.66  | cps   |
| Silver     | 107-1 | 1358     | 1433     | 1317     | 1370     | 4.32   | cps   |
| Sodium     | 23-2  | 9874865  | 9809896  | 9774816  | 9819859  | 0.52   | cps   |
| Strontium  | 86-1  | 515898   | 516229   | 508756   | 513628   | 0.82   | cps   |
| Strontium  | 88-1  | 4633554  | 4644350  | 4615451  | 4631118  | 0.32   | cps   |
| Sulfur     | 34-1  | 657893   | 652663   | 649277   | 653278   | 0.66   | cps   |
| Terbium    | 159-1 | 16749384 | 16861349 | 16755866 | 16788866 | 0.37   | cps   |
| Terbium    | 159-2 | 8556867  | 8567571  | 8506051  | 8543496  | 0.38   | cps   |
| Thallium   | 203-1 | 233      | 192      | 192      | 206      | 11.70  | cps   |
| Thallium   | 205-1 | 692      | 650      | 533      | 625      | 13.13  | cps   |
| Tin        | 118-1 | 1608     | 1500     | 1433     | 1514     | 5.83   | cps   |
| Titanium   | 47-1  | 417      | 292      | 342      | 350      | 17.98  | cps   |
| Uranium    | 238-1 | 2167     | 2350     | 2109     | 2209     | 5.71   | cps   |
| Vanadium   | 51-2  | 897      | 867      | 803      | 856      | 5.57   | cps   |
| Yttrium    | 89-1  | 11685857 | 11760817 | 11770602 | 11739092 | 0.39   | cps   |
| Yttrium    | 89-2  | 2120247  | 2138317  | 2123444  | 2127336  | 0.45   | cps   |
| Zinc       | 66-2  | 580      | 580      | 670      | 610      | 8.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-12DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW007-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:50:18 | DataFile Name :   | 084SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1100 | 1042 | 933  | 1025    | 8.25   | cps   |
| Zirconium | 91-1 | 267  | 267  | 233  | 256     | 7.53   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-14DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW004-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:53:51 DataFile Name : 085SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167      | 158      | 83       | 136      | 33.72  | cps   |
| Antimony   | 121-1 | 1117     | 1417     | 1175     | 1236     | 12.87  | cps   |
| Arsenic    | 75-2  | 63       | 65       | 44       | 57       | 19.62  | cps   |
| Barium     | 135-1 | 53763    | 53379    | 51514    | 52885    | 2.27   | cps   |
| Barium     | 137-1 | 93531    | 92495    | 91316    | 92447    | 1.20   | cps   |
| Beryllium  | 9-1   | 61       | 72       | 89       | 74       | 18.88  | cps   |
| Bismuth    | 209-1 | 10827755 | 10559018 | 10841412 | 10742728 | 1.48   | cps   |
| Bismuth    | 209-2 | 5669328  | 5680703  | 5723571  | 5691200  | 0.50   | cps   |
| Boron      | 10-1  | 13298    | 12781    | 14282    | 13454    | 5.67   | cps   |
| Boron      | 11-1  | 65116    | 65511    | 68573    | 66400    | 2.85   | cps   |
| Cadmium    | 111-1 | 1869     | 1564     | 1801     | 1745     | 9.19   | cps   |
| Cadmium    | 106-1 | 3717     | 3125     | 3601     | 3481     | 9.01   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 17       | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 742842   | 709000   | 728409   | 726750   | 2.34   | cps   |
| Calcium    | 44-1  | 12393187 | 11917538 | 12089502 | 12133409 | 1.98   | cps   |
| Chromium   | 52-2  | 14631    | 14487    | 14537    | 14552    | 0.50   | cps   |
| Cobalt     | 59-2  | 413      | 410      | 387      | 403      | 3.60   | cps   |
| Copper     | 63-2  | 5238     | 4941     | 4898     | 5025     | 3.68   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 13       | 12       | 15.73  | cps   |
| Erbium     | 164-1 | 25       | 67       | 33       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 33       | 20       | 37       | 30       | 29.40  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 42       | 69       | 42.14  | cps   |
| Gadolinium | 160-2 | 170      | 143      | 177      | 163      | 10.80  | cps   |
| Holmium    | 165-1 | 16747610 | 16363789 | 16558594 | 16556664 | 1.16   | cps   |
| Holmium    | 165-2 | 8583483  | 8575518  | 8605313  | 8588105  | 0.18   | cps   |
| Indium     | 115-1 | 12098621 | 11692057 | 11952425 | 11914368 | 1.73   | cps   |
| Indium     | 115-2 | 2714859  | 2725994  | 2728509  | 2723121  | 0.27   | cps   |
| Iron       | 56-2  | 108106   | 106304   | 108542   | 107651   | 1.10   | cps   |
| Iron       | 57-2  | 5918     | 5907     | 6024     | 5950     | 1.08   | cps   |
| Krypton    | 83-1  | 507      | 470      | 587      | 521      | 11.45  | cps   |
| Lead       | 206-1 | 628      | 867      | 1028     | 841      | 23.94  | cps   |
| Lead       | 207-1 | 511      | 672      | 933      | 706      | 30.20  | cps   |
| Lead       | 208-1 | 2500     | 3184     | 4173     | 3285     | 25.59  | cps   |
| Lithium    | 6-1   | 1837418  | 1777406  | 1824390  | 1813071  | 1.74   | cps   |
| Magnesium  | 24-2  | 1217453  | 1218864  | 1228823  | 1221713  | 0.51   | cps   |

LB Number : LB94830 Operator : Jaswal  
 Lab Sample ID : J2353-14DLX5 Instrumnet Name : P7  
 Client Sample ID : LF012MW004-180410DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-04-23 19:53:51 DataFile Name : 085SMPL\_P7042318- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2937     | 3037     | 3000     | 2991     | 1.69   | cps   |
| Molybdenum | 94-1  | 783      | 692      | 650      | 708      | 9.63   | cps   |
| Molybdenum | 95-1  | 983      | 817      | 792      | 864      | 12.06  | cps   |
| Molybdenum | 96-1  | 1058     | 1000     | 1200     | 1086     | 9.47   | cps   |
| Molybdenum | 97-1  | 542      | 567      | 525      | 544      | 3.85   | cps   |
| Molybdenum | 98-1  | 1500     | 1575     | 1467     | 1514     | 3.67   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 2534     | 2727     | 2750     | 2670     | 4.45   | cps   |
| Phosphorus | 31-2  | 308      | 375      | 308      | 331      | 11.64  | cps   |
| Potassium  | 39-2  | 366057   | 371449   | 369868   | 369124   | 0.75   | cps   |
| Rhodium    | 103-1 | 10908333 | 10670076 | 10741272 | 10773227 | 1.14   | cps   |
| Rhodium    | 103-2 | 5784266  | 5804387  | 5772056  | 5786903  | 0.28   | cps   |
| Scandium   | 45-1  | 5935011  | 5667495  | 5775764  | 5792757  | 2.32   | cps   |
| Scandium   | 45-2  | 399040   | 400669   | 405792   | 401834   | 0.88   | cps   |
| Selenium   | 77-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 89       | 113      | 98       | 100      | 12.14  | cps   |
| Selenium   | 82-1  | 69       | 97       | 16       | 60       | 68.02  | cps   |
| Silicon    | 28-1  | 8963553  | 8835227  | 8818977  | 8872586  | 0.89   | cps   |
| Silver     | 109-1 | 1267     | 1383     | 1142     | 1264     | 9.56   | cps   |
| Silver     | 107-1 | 1283     | 1267     | 1458     | 1336     | 7.95   | cps   |
| Sodium     | 23-2  | 5163018  | 5182349  | 5159059  | 5168142  | 0.24   | cps   |
| Strontium  | 86-1  | 515089   | 502646   | 502441   | 506725   | 1.43   | cps   |
| Strontium  | 88-1  | 4647795  | 4567165  | 4511279  | 4575413  | 1.50   | cps   |
| Sulfur     | 34-1  | 577542   | 571744   | 577607   | 575631   | 0.58   | cps   |
| Terbium    | 159-1 | 16910834 | 16465421 | 16731606 | 16702620 | 1.34   | cps   |
| Terbium    | 159-2 | 8503244  | 8532279  | 8505736  | 8513753  | 0.19   | cps   |
| Thallium   | 203-1 | 192      | 192      | 175      | 186      | 5.17   | cps   |
| Thallium   | 205-1 | 592      | 650      | 683      | 642      | 7.23   | cps   |
| Tin        | 118-1 | 1275     | 1242     | 1017     | 1178     | 11.93  | cps   |
| Titanium   | 47-1  | 350      | 242      | 333      | 308      | 18.92  | cps   |
| Uranium    | 238-1 | 21811    | 21510    | 20951    | 21424    | 2.04   | cps   |
| Vanadium   | 51-2  | 1083     | 1123     | 1170     | 1126     | 3.85   | cps   |
| Yttrium    | 89-1  | 11908969 | 11742311 | 11635579 | 11762286 | 1.17   | cps   |
| Yttrium    | 89-2  | 2125943  | 2111624  | 2123566  | 2120378  | 0.36   | cps   |
| Zinc       | 66-2  | 513      | 487      | 553      | 518      | 6.48   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | J2353-14DLX5        | Instrumnet Name : | P7                  |
| Client Sample ID :      | LF012MW004-180410DL | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-04-23 19:53:51 | DataFile Name :   | 085SMPL_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 858  | 758  | 758  | 792     | 7.29   | cps   |
| Zirconium | 91-1 | 175  | 192  | 233  | 200     | 15.02  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5456552   | 5433238   | 5512725   | 5467505   | 0.75   | cps   |
| Antimony   | 121-1 | 4616255   | 4651127   | 4656230   | 4641204   | 0.47   | cps   |
| Arsenic    | 75-2  | 193163    | 192939    | 196351    | 194151    | 0.98   | cps   |
| Barium     | 135-1 | 5443480   | 5514363   | 5503711   | 5487185   | 0.70   | cps   |
| Barium     | 137-1 | 9625063   | 9657919   | 9655006   | 9645996   | 0.19   | cps   |
| Beryllium  | 9-1   | 659623    | 668350    | 675146    | 667706    | 1.17   | cps   |
| Bismuth    | 209-1 | 10113971  | 10063780  | 10032837  | 10070196  | 0.41   | cps   |
| Bismuth    | 209-2 | 5345412   | 5368315   | 5378690   | 5364139   | 0.32   | cps   |
| Boron      | 10-1  | 77616     | 79057     | 79718     | 78797     | 1.36   | cps   |
| Boron      | 11-1  | 376010    | 385018    | 391028    | 384019    | 1.97   | cps   |
| Cadmium    | 111-1 | 1023606   | 1032541   | 1032788   | 1029645   | 0.51   | cps   |
| Cadmium    | 106-1 | 113469    | 111654    | 116543    | 113889    | 2.17   | cps   |
| Cadmium    | 108-1 | 76443     | 76832     | 77905     | 77060     | 0.98   | cps   |
| Calcium    | 43-1  | 5313571   | 5317512   | 5341713   | 5324265   | 0.29   | cps   |
| Calcium    | 44-1  | 87247810  | 86786633  | 87792481  | 87275642  | 0.58   | cps   |
| Chromium   | 52-2  | 1656970   | 1651749   | 1676671   | 1661797   | 0.79   | cps   |
| Cobalt     | 59-2  | 2468960   | 2474909   | 2494943   | 2479604   | 0.55   | cps   |
| Copper     | 63-2  | 3381361   | 3355977   | 3420713   | 3386017   | 0.96   | cps   |
| Dysprosium | 156-1 | 133       | 125       | 117       | 125       | 6.67   | cps   |
| Dysprosium | 156-2 | 83        | 97        | 80        | 87        | 10.18  | cps   |
| Erbium     | 164-1 | 42        | 75        | 83        | 67        | 33.07  | cps   |
| Erbium     | 164-2 | 27        | 27        | 23        | 26        | 7.55   | cps   |
| Gadolinium | 160-1 | 83        | 92        | 158       | 111       | 37.00  | cps   |
| Gadolinium | 160-2 | 197       | 200       | 170       | 189       | 8.71   | cps   |
| Holmium    | 165-1 | 16615352  | 16455674  | 16497680  | 16522902  | 0.50   | cps   |
| Holmium    | 165-2 | 8537038   | 8508507   | 8610717   | 8552087   | 0.62   | cps   |
| Indium     | 115-1 | 11391745  | 11374769  | 11433353  | 11399956  | 0.26   | cps   |
| Indium     | 115-2 | 2653516   | 2666501   | 2686117   | 2668711   | 0.62   | cps   |
| Iron       | 56-2  | 332505630 | 331747663 | 333970630 | 332741307 | 0.34   | cps   |
| Iron       | 57-2  | 8082048   | 8077674   | 8195655   | 8118459   | 0.82   | cps   |
| Krypton    | 83-1  | 390       | 560       | 527       | 492       | 18.30  | cps   |
| Lead       | 206-1 | 3712989   | 3707507   | 3705339   | 3708612   | 0.11   | cps   |
| Lead       | 207-1 | 3246735   | 3238758   | 3228691   | 3238061   | 0.28   | cps   |
| Lead       | 208-1 | 14949800  | 14843064  | 14845613  | 14879492  | 0.41   | cps   |
| Lithium    | 6-1   | 1915346   | 1928262   | 1961439   | 1935016   | 1.23   | cps   |
| Magnesium  | 24-2  | 59365839  | 59407072  | 59894831  | 59555914  | 0.49   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1850116   | 1844560   | 1855685   | 1850120   | 0.30   | cps   |
| Molybdenum | 94-1  | 8718242   | 8680525   | 8694638   | 8697801   | 0.22   | cps   |
| Molybdenum | 95-1  | 10766019  | 10801451  | 10766858  | 10778109  | 0.19   | cps   |
| Molybdenum | 96-1  | 11800077  | 11764345  | 11863833  | 11809418  | 0.43   | cps   |
| Molybdenum | 97-1  | 6697716   | 6668353   | 6734068   | 6700046   | 0.49   | cps   |
| Molybdenum | 98-1  | 17356071  | 17233752  | 17457817  | 17349213  | 0.65   | cps   |
| Neodymium  | 150-1 | 420       | 360       | 407       | 396       | 7.96   | cps   |
| Neodymium  | 150-2 | 77        | 93        | 77        | 82        | 11.70  | cps   |
| Nickel     | 60-2  | 647503    | 644504    | 654569    | 648858    | 0.80   | cps   |
| Phosphorus | 31-2  | 61971     | 62590     | 62515     | 62359     | 0.54   | cps   |
| Potassium  | 39-2  | 32631756  | 32478896  | 32825637  | 32645430  | 0.53   | cps   |
| Rhodium    | 103-1 | 10256708  | 10219772  | 10255503  | 10243994  | 0.20   | cps   |
| Rhodium    | 103-2 | 5456490   | 5412519   | 5473751   | 5447587   | 0.58   | cps   |
| Scandium   | 45-1  | 6177489   | 6180578   | 6208223   | 6188763   | 0.27   | cps   |
| Scandium   | 45-2  | 423458    | 423333    | 426859    | 424550    | 0.47   | cps   |
| Selenium   | 77-2  | 4081      | 3964      | 3994      | 4013      | 1.51   | cps   |
| Selenium   | 78-2  | 13377     | 13056     | 13467     | 13300     | 1.63   | cps   |
| Selenium   | 82-1  | 60804     | 60512     | 61430     | 60915     | 0.77   | cps   |
| Silicon    | 28-1  | 2541081   | 2565489   | 2590628   | 2565732   | 0.97   | cps   |
| Silver     | 109-1 | 4899492   | 4917618   | 4884127   | 4900412   | 0.34   | cps   |
| Silver     | 107-1 | 5079112   | 5091917   | 5131360   | 5100797   | 0.53   | cps   |
| Sodium     | 23-2  | 113676273 | 113501269 | 114612528 | 113930023 | 0.52   | cps   |
| Strontium  | 86-1  | 1328859   | 1324127   | 1340730   | 1331238   | 0.64   | cps   |
| Strontium  | 88-1  | 12012680  | 11960041  | 12042394  | 12005039  | 0.35   | cps   |
| Sulfur     | 34-1  | 706345    | 711876    | 709637    | 709286    | 0.39   | cps   |
| Terbium    | 159-1 | 16744241  | 16654759  | 16607314  | 16668771  | 0.42   | cps   |
| Terbium    | 159-2 | 8467890   | 8411821   | 8494805   | 8458172   | 0.50   | cps   |
| Thallium   | 203-1 | 4598480   | 4579029   | 4572627   | 4583378   | 0.29   | cps   |
| Thallium   | 205-1 | 11175932  | 11106247  | 11115316  | 11132498  | 0.34   | cps   |
| Tin        | 118-1 | 3445797   | 3455531   | 3468248   | 3456525   | 0.33   | cps   |
| Titanium   | 47-1  | 2510906   | 2549270   | 2555764   | 2538647   | 0.95   | cps   |
| Uranium    | 238-1 | 16134933  | 16273271  | 16111871  | 16173358  | 0.54   | cps   |
| Vanadium   | 51-2  | 1356058   | 1354723   | 1362239   | 1357673   | 0.30   | cps   |
| Yttrium    | 89-1  | 11898196  | 11838822  | 11862155  | 11866391  | 0.25   | cps   |
| Yttrium    | 89-2  | 2167270   | 2158571   | 2180350   | 2168730   | 0.51   | cps   |
| Zinc       | 66-2  | 493792    | 493868    | 504881    | 497514    | 1.28   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-04-23 19:58:47 | DataFile Name :   | 086CCV_P7042318- MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7151125 | 7152259 | 7208892 | 7170759 | 0.46   | cps   |
| Zirconium | 91-1 | 1574010 | 1563922 | 1577324 | 1571752 | 0.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 117      | 75       | 86       | 31.11  | cps   |
| Antimony   | 121-1 | 2075     | 2659     | 3409     | 2714     | 24.63  | cps   |
| Arsenic    | 75-2  | 9        | 15       | 26       | 17       | 50.93  | cps   |
| Barium     | 135-1 | 58       | 75       | 133      | 89       | 44.30  | cps   |
| Barium     | 137-1 | 92       | 192      | 117      | 133      | 39.03  | cps   |
| Beryllium  | 9-1   | 133      | 156      | 156      | 148      | 8.66   | cps   |
| Bismuth    | 209-1 | 10730494 | 10759209 | 10783432 | 10757712 | 0.25   | cps   |
| Bismuth    | 209-2 | 5800983  | 5839390  | 5843563  | 5827979  | 0.40   | cps   |
| Boron      | 10-1  | 1408     | 1333     | 1292     | 1345     | 4.40   | cps   |
| Boron      | 11-1  | 6543     | 6151     | 5760     | 6151     | 6.37   | cps   |
| Cadmium    | 111-1 | 1787     | 1713     | 1734     | 1745     | 2.21   | cps   |
| Cadmium    | 106-1 | 3551     | 3384     | 3417     | 3451     | 2.56   | cps   |
| Cadmium    | 108-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Calcium    | 43-1  | 158      | 233      | 250      | 214      | 22.83  | cps   |
| Calcium    | 44-1  | 10488    | 10888    | 10846    | 10740    | 2.05   | cps   |
| Chromium   | 52-2  | 587      | 657      | 723      | 656      | 10.42  | cps   |
| Cobalt     | 59-2  | 80       | 117      | 83       | 93       | 21.73  | cps   |
| Copper     | 63-2  | 2084     | 1930     | 2037     | 2017     | 3.90   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 7        | 20       | 27       | 18       | 57.27  | cps   |
| Gadolinium | 160-1 | 92       | 125      | 67       | 94       | 30.99  | cps   |
| Gadolinium | 160-2 | 210      | 170      | 170      | 183      | 12.60  | cps   |
| Holmium    | 165-1 | 16225683 | 16418651 | 16395431 | 16346588 | 0.64   | cps   |
| Holmium    | 165-2 | 8697766  | 8651081  | 8615638  | 8654828  | 0.48   | cps   |
| Indium     | 115-1 | 11712344 | 11818314 | 11829090 | 11786583 | 0.55   | cps   |
| Indium     | 115-2 | 2783211  | 2764488  | 2783061  | 2776920  | 0.39   | cps   |
| Iron       | 56-2  | 8697     | 8353     | 7936     | 8329     | 4.58   | cps   |
| Iron       | 57-2  | 606      | 506      | 567      | 559      | 9.01   | cps   |
| Krypton    | 83-1  | 487      | 587      | 517      | 530      | 9.68   | cps   |
| Lead       | 206-1 | 1600     | 1461     | 1500     | 1521     | 4.71   | cps   |
| Lead       | 207-1 | 1395     | 1261     | 1372     | 1343     | 5.32   | cps   |
| Lead       | 208-1 | 6040     | 5867     | 6067     | 5991     | 1.81   | cps   |
| Lithium    | 6-1   | 2049864  | 2076866  | 2081924  | 2069551  | 0.83   | cps   |
| Magnesium  | 24-2  | 650      | 742      | 950      | 781      | 19.70  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 90       | 103      | 80       | 91       | 12.85   | cps   |
| Molybdenum | 94-1  | 642      | 825      | 858      | 775      | 15.05   | cps   |
| Molybdenum | 95-1  | 750      | 875      | 800      | 808      | 7.78    | cps   |
| Molybdenum | 96-1  | 925      | 933      | 967      | 942      | 2.34    | cps   |
| Molybdenum | 97-1  | 442      | 533      | 658      | 544      | 19.98   | cps   |
| Molybdenum | 98-1  | 1258     | 1292     | 1500     | 1350     | 9.70    | cps   |
| Neodymium  | 150-1 | 20       | 27       | 20       | 22       | 17.33   | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60   | cps   |
| Nickel     | 60-2  | 37       | 27       | 27       | 30       | 19.24   | cps   |
| Phosphorus | 31-2  | 392      | 342      | 258      | 331      | 20.38   | cps   |
| Potassium  | 39-2  | 53288    | 54852    | 54902    | 54347    | 1.69    | cps   |
| Rhodium    | 103-1 | 10879496 | 10920983 | 10929464 | 10909981 | 0.25    | cps   |
| Rhodium    | 103-2 | 5879650  | 5811676  | 5856011  | 5849112  | 0.59    | cps   |
| Scandium   | 45-1  | 6146923  | 6131003  | 6144496  | 6140807  | 0.14    | cps   |
| Scandium   | 45-2  | 407969   | 403702   | 403024   | 404898   | 0.66    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 102      | 115      | 100      | 106      | 7.65    | cps   |
| Selenium   | 82-1  | 13       | -74      | -24      | -28      | -155.08 | cps   |
| Silicon    | 28-1  | 245726   | 244993   | 243914   | 244878   | 0.37    | cps   |
| Silver     | 109-1 | 500      | 375      | 358      | 411      | 18.83   | cps   |
| Silver     | 107-1 | 475      | 392      | 492      | 453      | 11.83   | cps   |
| Sodium     | 23-2  | 29054    | 28979    | 29655    | 29229    | 1.27    | cps   |
| Strontium  | 86-1  | 758      | 633      | 742      | 711      | 9.54    | cps   |
| Strontium  | 88-1  | 200      | 250      | 275      | 242      | 15.80   | cps   |
| Sulfur     | 34-1  | 413502   | 415128   | 412381   | 413670   | 0.33    | cps   |
| Terbium    | 159-1 | 16517606 | 16452846 | 16560159 | 16510204 | 0.33    | cps   |
| Terbium    | 159-2 | 8579892  | 8493873  | 8524678  | 8532814  | 0.51    | cps   |
| Thallium   | 203-1 | 1167     | 1258     | 925      | 1117     | 15.42   | cps   |
| Thallium   | 205-1 | 2684     | 2700     | 2667     | 2684     | 0.62    | cps   |
| Tin        | 118-1 | 575      | 783      | 767      | 708      | 16.34   | cps   |
| Titanium   | 47-1  | 92       | 100      | 125      | 106      | 16.44   | cps   |
| Uranium    | 238-1 | 58       | 42       | 58       | 53       | 18.23   | cps   |
| Vanadium   | 51-2  | 30       | 30       | 37       | 32       | 11.95   | cps   |
| Yttrium    | 89-1  | 11754116 | 11745292 | 11831927 | 11777111 | 0.40    | cps   |
| Yttrium    | 89-2  | 2147484  | 2138159  | 2153056  | 2146233  | 0.35    | cps   |
| Zinc       | 66-2  | 193      | 200      | 170      | 188      | 8.39    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB94830             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-04-23 20:04:34 | DataFile Name :   | 087CCBE_P7042318- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 875  | 808  | 892  | 858     | 5.14   | cps   |
| Zirconium | 91-1 | 192  | 267  | 192  | 217     | 19.98  | cps   |