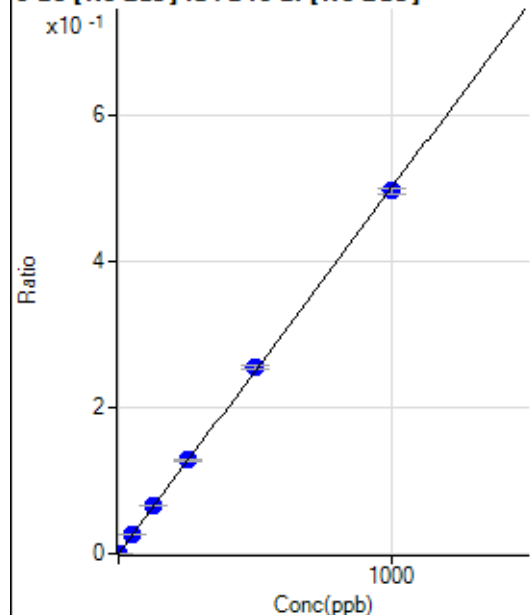


Batch Folder: D:\ICP-MS Data\P7112217- MS .b\  
Analysis File: P7112217- MS .batch.bin  
DA Date-Time: 2017-11-27 15:37:29  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File     | Sample Name | Acq. Date-Time      |
|-------|------------------------|-------------|---------------------|
| 1     | 003CALB P7112217- MS.D | S00         | 2017-11-22 15:36:42 |
| 2     |                        |             |                     |
| 3     | 005CALS P7112217- MS.D | S02         | 2017-11-22 15:44:49 |
| 4     | 006CALS P7112217- MS.D | S03         | 2017-11-22 15:48:39 |
| 5     | 007CALS P7112217- MS.D | S04         | 2017-11-22 15:52:30 |
| 6     | 008CALS P7112217- MS.D | S05         | 2017-11-22 15:56:17 |
| 7     | 009CALS P7112217- MS.D | S06         | 2017-11-22 16:00:02 |
| 8     | 010CALS P7112217- MS.D | S07         | 2017-11-22 16:03:46 |
| 9     | 011CALS P7112217- MS.D | S08         | 2017-11-22 16:07:27 |

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 57.41      | 0.0000 | P    | 39.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 2159.47    | 0.0005 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 52.993     | 121228.47  | 0.0265 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.769    | 297029.87  | 0.0655 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 255.163    | 580495.76  | 0.1277 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 511.460    | 1123066.88 | 0.2560 | P    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.109    | 2144055.68 | 0.4965 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 1135.26    | 0.0003 | P    | 0.6  |

$$y = 5.0042\text{E-}004 * x + 1.2784\text{E-}005$$

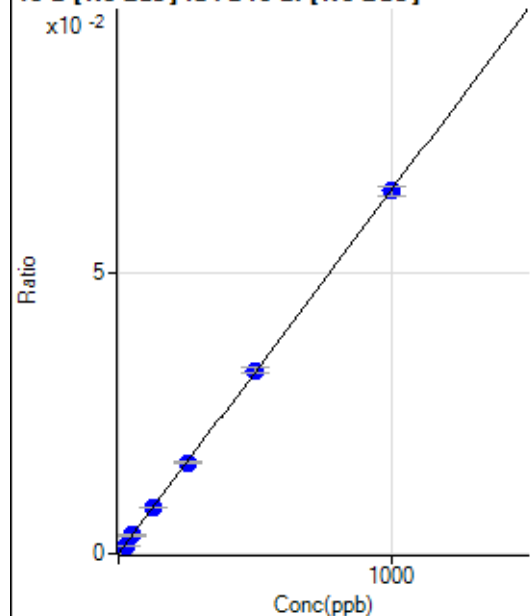
$$R = 0.9999$$

$$DL = 0.0304$$

$$BEC = 0.02555$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.90    | 0.0000 | P    | 23.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.495     | 6548.90   | 0.0014 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.179     | 14927.33  | 0.0033 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.485    | 37196.57  | 0.0082 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.001    | 73529.02  | 0.0162 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 503.618    | 142840.34 | 0.0326 | P    | 3.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.084    | 278524.34 | 0.0645 | P    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 4381.37   | 0.0011 | P    | 11.5 |

$$y = 6.4601\text{E-}005 * x + 2.5308\text{E-}005$$

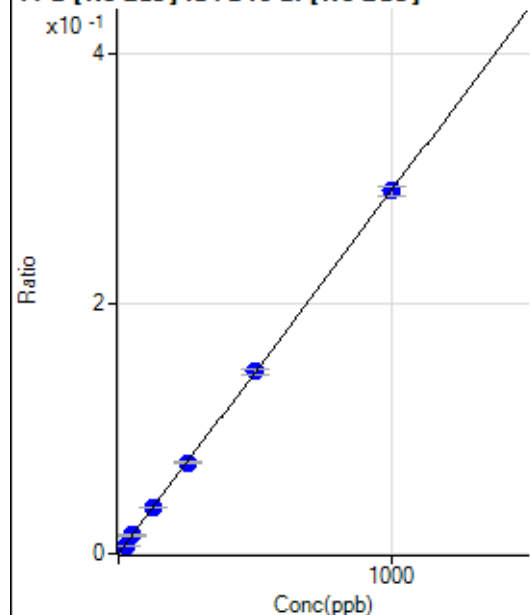
$$R = 1.0000$$

$$DL = 0.2717$$

$$BEC = 0.3918$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 450.03     | 0.0001 | P    | 20.7 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.936     | 29938.78   | 0.0065 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.054     | 66809.48   | 0.0146 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 127.317    | 168081.99  | 0.0370 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.314    | 330594.07  | 0.0727 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.978    | 638070.92  | 0.1454 | P    | 3.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.217    | 1252194.07 | 0.2900 | P    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 19808.30   | 0.0049 | P    | 13.7 |

$$y = 2.9012\text{E-}004 * x + 1.0004\text{E-}004$$

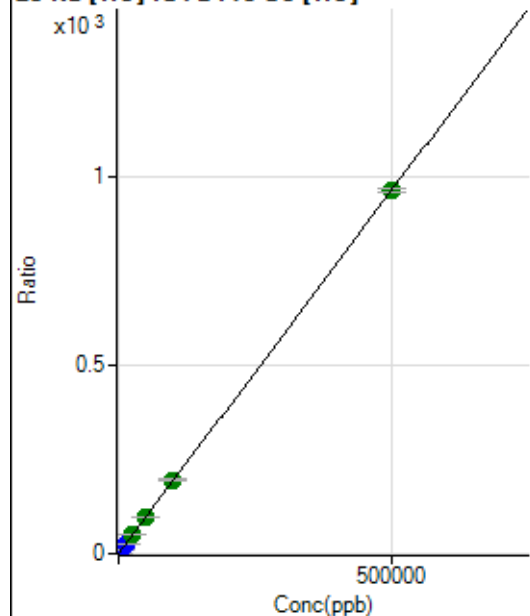
$$R = 1.0000$$

$$DL = 0.2145$$

$$BEC = 0.3448$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14855.13    | 0.0879   | P    | 0.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 445.971    | 163179.97   | 0.9463   | P    | 1.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5235.264   | 1686956.24  | 10.1649  | P    | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 13026.026  | 4187976.66  | 25.1607  | P    | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 26049.276  | 8088903.65  | 50.2280  | A    | 2.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50537.166  | 15556351.04 | 97.3628  | A    | 2.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 101831.99  | 30133841.64 | 196.0959 | A    | 0.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 499511.97  | 150923701.9 | 961.5573 | A    | 1.0 |

$$y = 0.0019 * x + 0.0879$$

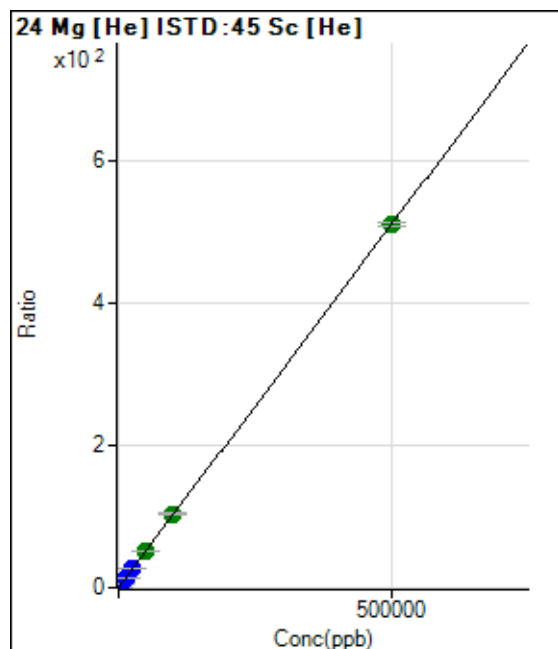
$$R = 1.0000$$

$$DL = 0.7088$$

$$BEC = 45.68$$

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      | 2842.05     | 0.0168   | P    | 0.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 455.460    | 83138.55    | 0.4821   | P    | 0.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 5284.699   | 898812.52   | 5.4159   | P    | 1.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12983.652  | 2210705.78  | 13.2816  | P    | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 26354.493  | 4338877.27  | 26.9419  | P    | 2.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50990.649  | 8326301.40  | 52.1114  | A    | 2.0 |
| 8 | <input type="checkbox"/> | 100000.00 | 101823.15  | 15988311.12 | 104.0445 | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 499453.68  | 80092421.93 | 510.2838 | A    | 1.1 |

$$y = 0.0010 * x + 0.0168$$

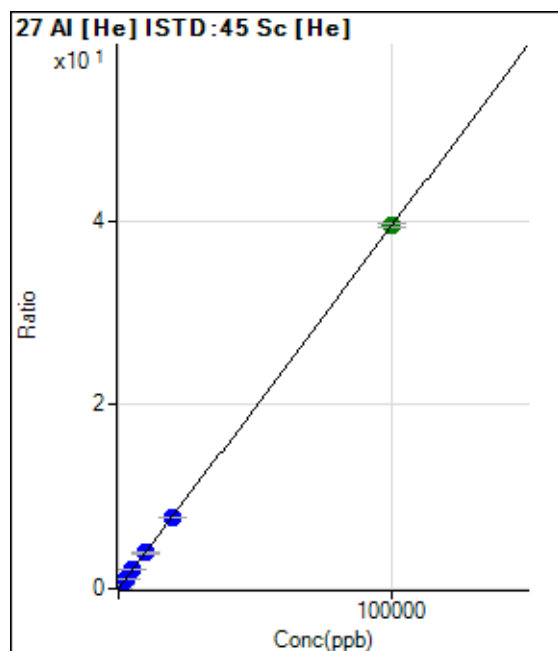
$$R = 1.0000$$

$$DL = 0.4194$$

$$BEC = 16.47$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.00      | 0.0001  | P    | 58.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 19.016     | 1319.56    | 0.0076  | P    | 8.8  |
| 4 | <input type="checkbox"/> | 1000.000  | 1029.360   | 67385.89   | 0.4061  | P    | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2547.358   | 167221.69  | 1.0047  | P    | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5098.285   | 323805.05  | 2.0106  | P    | 2.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9873.429   | 622144.27  | 3.8936  | P    | 1.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19790.496  | 1199292.17 | 7.8043  | P    | 0.1  |
| 9 | <input type="checkbox"/> | 100000.00 | 100048.16  | 6192384.90 | 39.4530 | A    | 1.2  |

$$y = 3.9434E-004 * x + 1.4845E-004$$

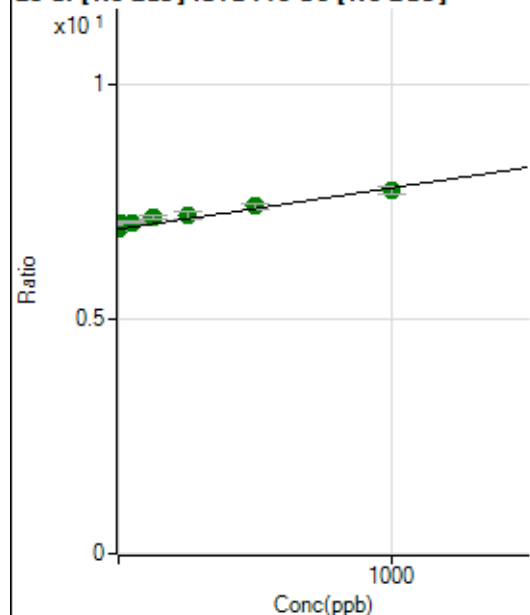
$$R = 1.0000$$

$$DL = 0.6615$$

$$BEC = 0.3765$$

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      | 30444071.17 | 6.9187 | A    | 0.7 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 144.329    | 31132322.92 | 7.0458 | A    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 171.105    | 31080007.98 | 7.0694 | A    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 285.011    | 31100674.31 | 7.1698 | A    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 335.759    | 31233737.16 | 7.2145 | A    | 2.4 |
| 7 | <input type="checkbox"/> | 500.000  | 550.792    | 31105794.44 | 7.4041 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 925.764    | 32145174.68 | 7.7345 | A    | 2.2 |
| 9 | <input type="checkbox"/> |          |            | 29355643.37 | 7.4317 | A    | 1.8 |

$$y = 8.8128E-004 * x + 6.9187$$

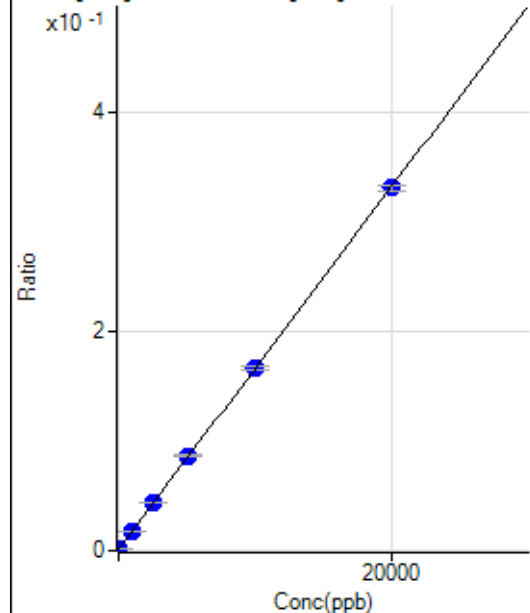
$$R = 0.9831$$

$$DL = 164$$

$$BEC = 7851$$

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     | -0.749     | 194.45   | 0.0012 | P    | 7.0  |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 0.749      | 202.79   | 0.0012 | P    | 15.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 999.238    | 2939.31  | 0.0177 | P    | 6.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2536.905   | 7182.58  | 0.0431 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 5154.589   | 13929.22 | 0.0865 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 10025.647  | 26696.99 | 0.1671 | P    | 2.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19943.954  | 50898.99 | 0.3312 | P    | 1.7  |
| 9 | <input type="checkbox"/> |           |            | 205.57   | 0.0013 | P    | 4.8  |

$$y = 1.6550E-005 * x + 0.0012$$

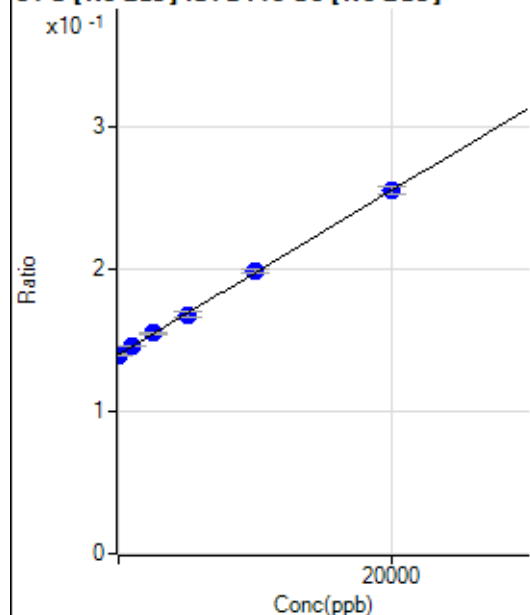
$$R = 1.0000$$

$$DL = 24$$

$$BEC = 70.32$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 18.574     | 615858.24  | 0.1400 | P    | 0.6 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -18.574    | 617463.62  | 0.1397 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 1000.000  | 1038.056   | 641170.22  | 0.1458 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2580.211   | 671214.86  | 0.1547 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 4871.666   | 727132.39  | 0.1680 | P    | 2.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 10172.352  | 834053.20  | 0.1985 | P    | 1.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 19933.978  | 1059201.48 | 0.2549 | P    | 2.0 |
| 9 | <input type="checkbox"/> |           |            | 547729.36  | 0.1387 | P    | 1.7 |

$$y = 5.7689\text{E-}006 * x + 0.1399$$

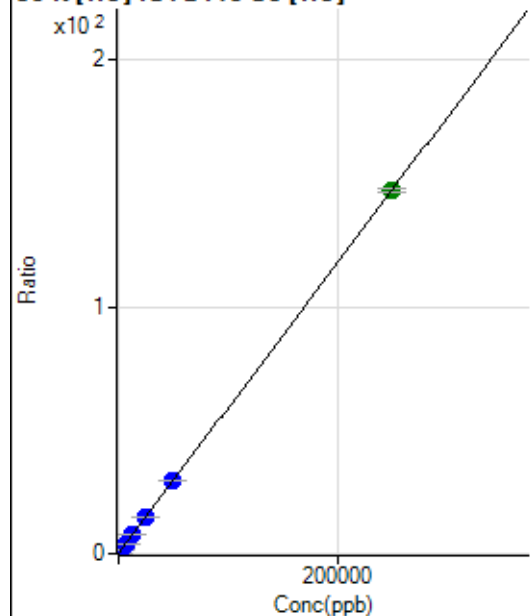
$$R = 0.9999$$

$$DL = 613.7$$

$$BEC = 2.424\text{E}+04$$

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      | 20278.45    | 0.1201   | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 442.875    | 65537.09    | 0.3800   | P    | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2574.316   | 270712.20   | 1.6312   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 6250.000  | 6321.237   | 637609.89   | 3.8307   | P    | 1.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 12739.931  | 1223770.52  | 7.5985   | P    | 2.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24774.238  | 2342771.73  | 14.6627  | P    | 2.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 50284.119  | 4554313.08  | 29.6371  | P    | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249951.34  | 23048126.56 | 146.8430 | A    | 1.0 |

$$y = 5.8701\text{E-}004 * x + 0.1201$$

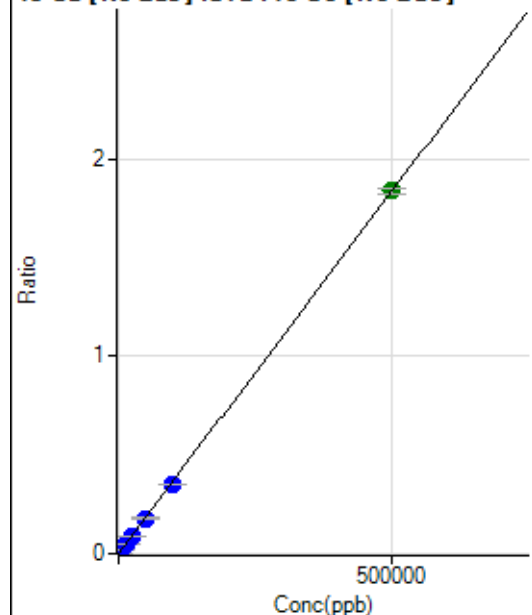
$$R = 1.0000$$

$$DL = 12.11$$

$$BEC = 204.5$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 116.67     | 0.0000 | P    | 6.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 424.539    | 7007.53    | 0.0016 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 4859.600   | 78592.27   | 0.0179 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12219.990  | 194818.78  | 0.0449 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 24400.089  | 388148.83  | 0.0897 | P    | 2.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 48811.038  | 753315.93  | 0.1793 | P    | 1.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 95470.856  | 1457636.67 | 0.3507 | P    | 1.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 501063.20  | 7270146.34 | 1.8405 | A    | 1.8 |

$$y = 3.6732\text{E-}006 * x + 2.6511\text{E-}005$$

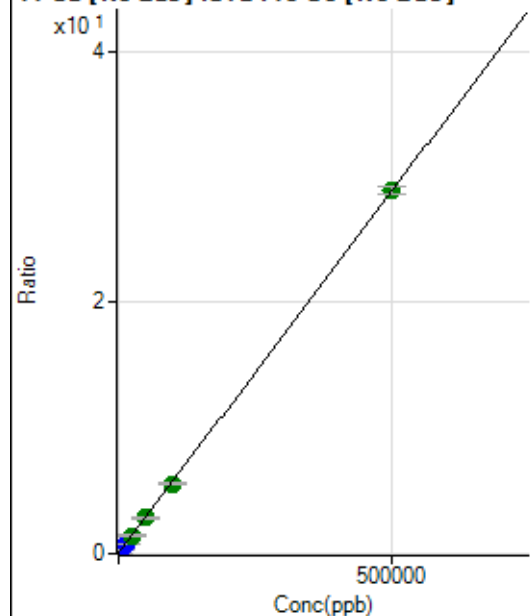
$$R = 1.0000$$

$$DL = 1.479$$

$$BEC = 7.218$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 133293.67   | 0.0303  | P    | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 417.588    | 240117.63   | 0.0543  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 5000.000  | 5000.650   | 1399326.20  | 0.3183  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12683.011  | 3299954.89  | 0.7607  | P    | 0.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24485.956  | 6236150.79  | 1.4405  | A    | 2.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 49022.605  | 11987397.84 | 2.8536  | A    | 2.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 96401.623  | 23201447.05 | 5.5823  | A    | 1.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 500838.61  | 114055403.9 | 28.8748 | A    | 2.0 |

$$y = 5.7592\text{E-}005 * x + 0.0303$$

$$R = 1.0000$$

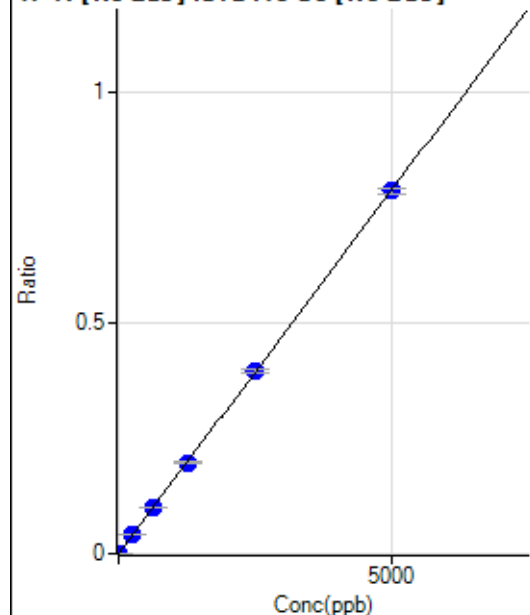
$$DL = 10.68$$

$$BEC = 526$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 141.67     | 0.0000 | P        | 17.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.722      | 3433.88    | 0.0008 | P        | 3.7  |
| 4 | <input type="checkbox"/> | 250.000  | 251.833    | 174837.75  | 0.0398 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 635.646    | 435203.73  | 0.1003 | P        | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1256.277   | 858314.59  | 0.1983 | P        | 2.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2510.354   | 1664183.31 | 0.3961 | P        | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.831   | 3274049.99 | 0.7877 | P        | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 822.28     | 0.0002 | P        | 10.3 |

$$y = 1.5779E-004 * x + 3.2199E-005$$

$$R = 1.0000$$

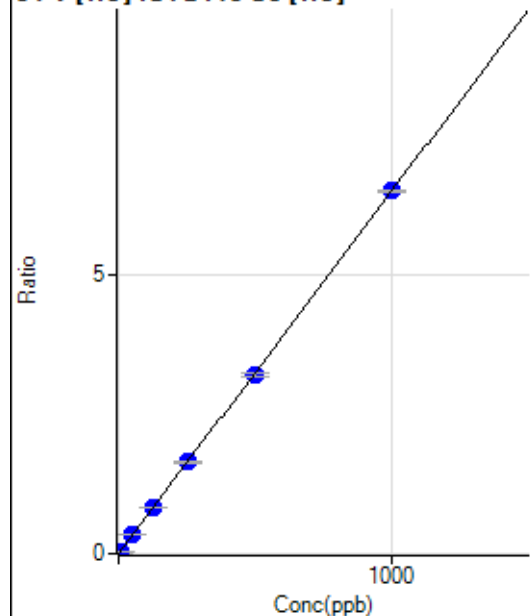
$$DL = 0.1082$$

$$BEC = 0.2041$$

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      | 3.33      | 0.0000 | P        | 1.4  |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.424      | 4944.24   | 0.0287 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.091     | 54926.27  | 0.3309 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.880    | 136802.04 | 0.8219 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 254.125    | 265084.75 | 1.6460 | P        | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 494.600    | 511885.57 | 3.2037 | P        | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.382   | 996723.59 | 6.4862 | P        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 184.45    | 0.0012 | P        | 11.5 |

$$y = 0.0065 * x + 1.9714E-005$$

$$R = 1.0000$$

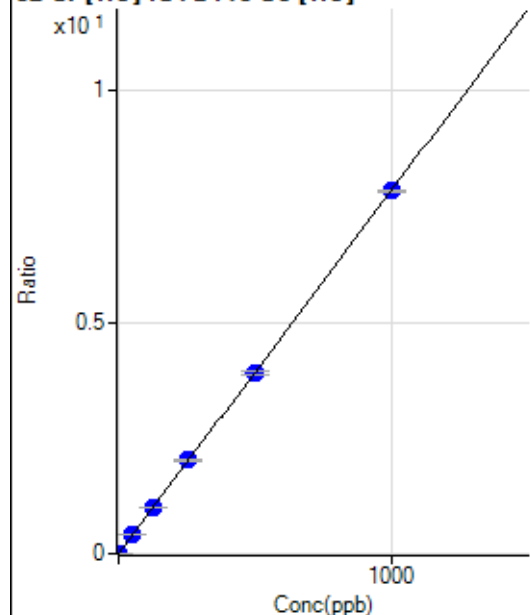
$$DL = 0.0001315$$

$$BEC = 0.003044$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 243.34     | 0.0014 | P   | 4.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.875      | 2788.09    | 0.0162 | P   | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.648     | 67556.13   | 0.4071 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 128.741    | 168538.04  | 1.0125 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 256.582    | 324753.49  | 2.0165 | P   | 2.5 |
| 7 | <input type="checkbox"/> | 500.000  | 498.530    | 625781.01  | 3.9167 | P   | 2.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.540    | 1205316.01 | 7.8435 | P   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 15602.89   | 0.0994 | P   | 2.3 |

$$y = 0.0079 * x + 0.0014$$

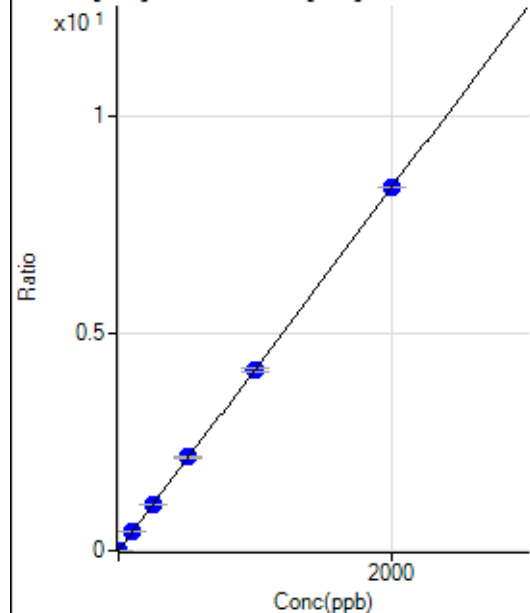
$$R = 1.0000$$

$$DL = 0.0224$$

$$BEC = 0.1834$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 24.44      | 0.0001 | P   | 21.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 691.14     | 0.0040 | P   | 3.9  |
| 4 | <input type="checkbox"/> | 100.000  | 103.430    | 71732.73   | 0.4323 | P   | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 256.010    | 178056.55  | 1.0697 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 514.821    | 346386.82  | 2.1510 | P   | 2.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.973    | 662185.44  | 4.1444 | P   | 2.1  |
| 8 | <input type="checkbox"/> | 2000.000 | 1999.386   | 1283638.96 | 8.3532 | P   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3704.97    | 0.0236 | P   | 5.3  |

$$y = 0.0042 * x + 1.4493E-004$$

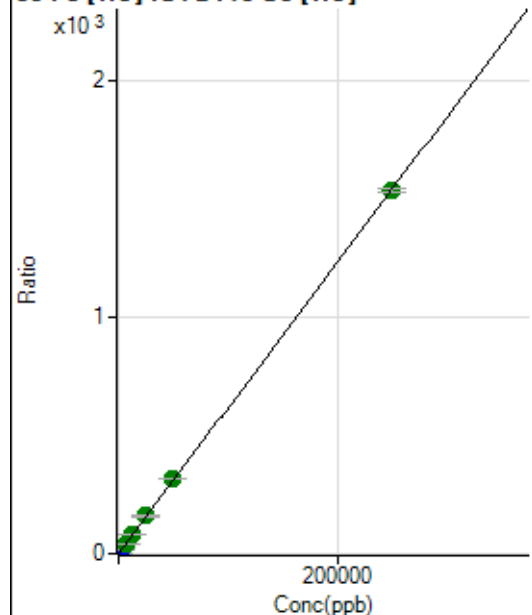
$$R = 1.0000$$

$$DL = 0.0228$$

$$BEC = 0.03469$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 859.31      | 0.0051    | P    | 6.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.553     | 51302.91    | 0.2976    | P    | 2.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2744.710   | 2802373.73  | 16.8868   | P    | 1.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6648.155   | 6807134.65  | 40.8954   | A    | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 13349.347  | 13222945.67 | 82.1118   | A    | 2.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 25939.677  | 25491841.08 | 159.5502  | A    | 2.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 51867.957  | 49024745.54 | 319.0251  | A    | 0.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 249477.57  | 240839549.8 | 1,534.446 | A    | 1.2 |

$$y = 0.0062 * x + 0.0051$$

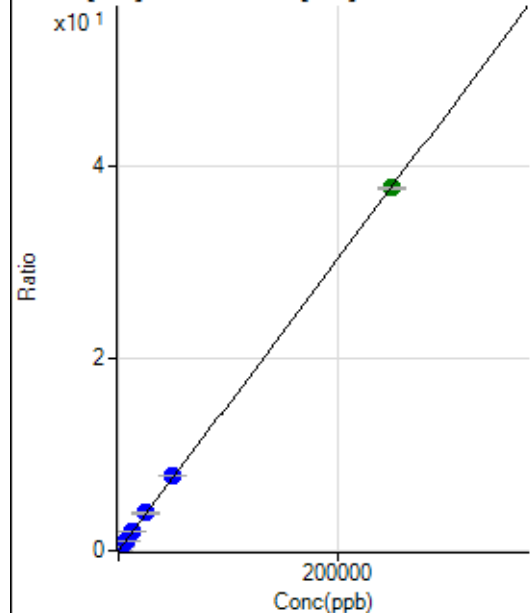
$$R = 1.0000$$

$$DL = 0.1527$$

$$BEC = 0.8274$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 59.26      | 0.0004  | P    | 4.8 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 50.188     | 1368.63    | 0.0079  | P    | 0.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2748.906   | 69017.56   | 0.4158  | P    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6656.862   | 167539.03  | 1.0065  | P    | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 13298.739  | 323753.32  | 2.0104  | P    | 2.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 25931.786  | 626299.57  | 3.9199  | P    | 2.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 51686.880  | 1200581.80 | 7.8128  | P    | 0.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 249516.84  | 5919654.82 | 37.7146 | A    | 0.8 |

$$y = 1.5115E-004 * x + 3.5073E-004$$

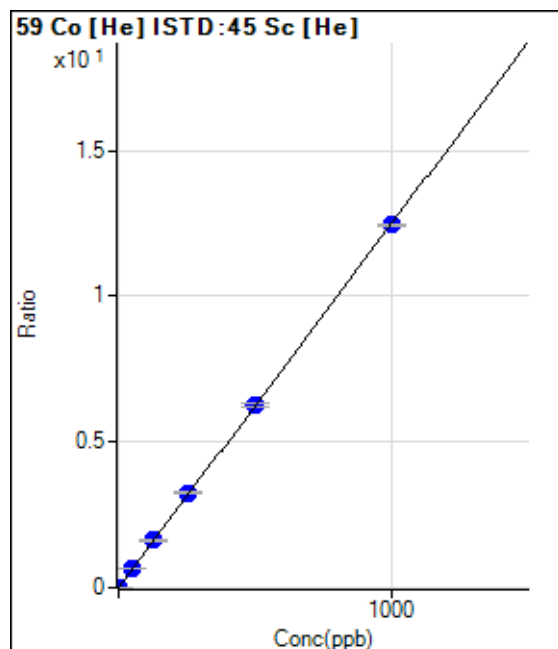
$$R = 1.0000$$

$$DL = 0.3372$$

$$BEC = 2.32$$

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      | 78.89      | 0.0005  | P    | 6.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.908      | 2035.73    | 0.0118  | P    | 3.1 |
| 4 | <input type="checkbox"/> | 50.000   | 53.065     | 110010.48  | 0.6629  | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 129.452    | 269064.41  | 1.6165  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 260.185    | 523167.70  | 3.2484  | P    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 499.915    | 997163.86  | 6.2410  | P    | 2.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.787    | 1912203.64 | 12.4436 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 2323.56    | 0.0148  | P    | 2.5 |

$$y = 0.0125 * x + 4.6697E-004$$

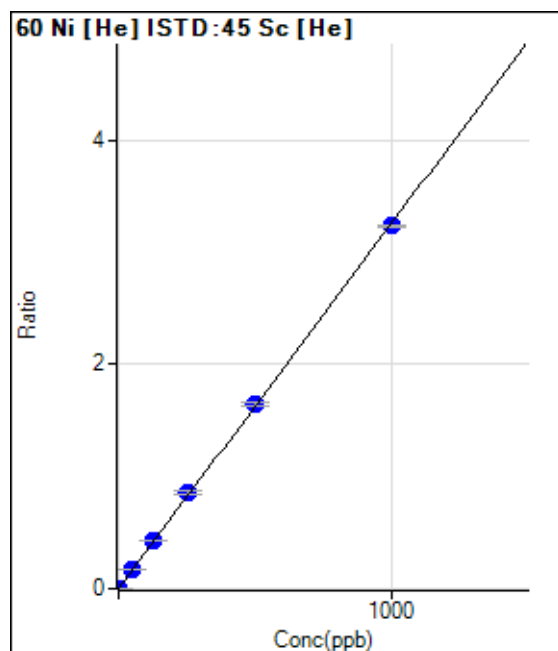
$$R = 0.9999$$

$$DL = 0.007224$$

$$BEC = 0.03741$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.56    | 0.0007 | P    | 21.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 663.36    | 0.0038 | P    | 5.8  |
| 4 | <input type="checkbox"/> | 50.000   | 54.370     | 29522.02  | 0.1779 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 131.832    | 71624.96  | 0.4303 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 262.839    | 138020.75 | 0.8572 | P    | 3.5  |
| 7 | <input type="checkbox"/> | 500.000  | 504.919    | 262993.73 | 1.6460 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.259    | 497452.02 | 3.2372 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 5266.59   | 0.0336 | P    | 0.7  |

$$y = 0.0033 * x + 7.4338E-004$$

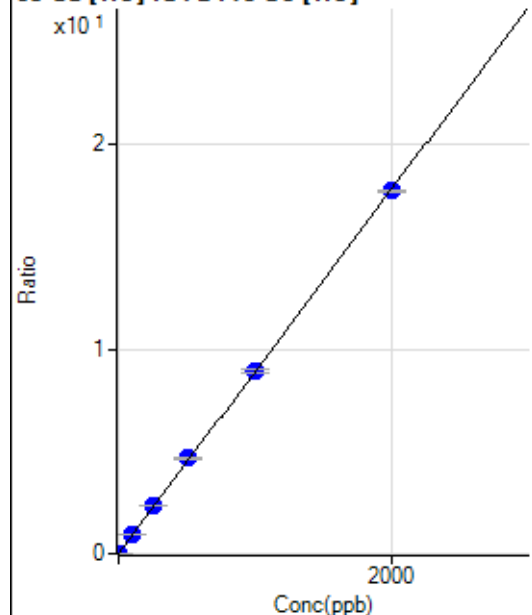
$$R = 0.9999$$

$$DL = 0.1477$$

$$BEC = 0.2281$$

Weight: <None>

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 746.70     | 0.0044  | P   | 5.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.833      | 3574.94    | 0.0207  | P   | 5.4 |
| 4 | <input type="checkbox"/> | 100.000  | 107.106    | 158865.46  | 0.9573  | P   | 1.5 |
| 5 | <input type="checkbox"/> | 250.000  | 262.614    | 389624.68  | 2.3408  | P   | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 523.313    | 750423.38  | 4.6601  | P   | 3.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.908   | 1423473.47 | 8.9091  | P   | 2.1 |
| 8 | <input type="checkbox"/> | 2000.000 | 1991.786   | 2723704.89 | 17.7245 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 4839.76    | 0.0308  | P   | 3.3 |

$$y = 0.0089 * x + 0.0044$$

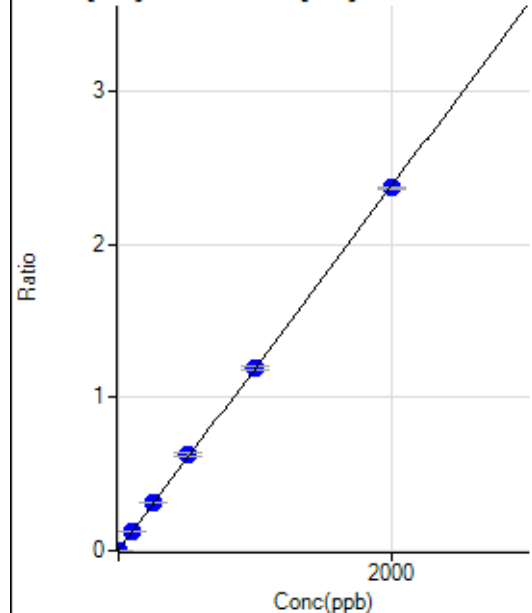
$$R = 0.9999$$

$$DL = 0.07964$$

$$BEC = 0.4971$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 452.24    | 0.0027 | P   | 4.2 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.176      | 907.82    | 0.0053 | P   | 7.1 |
| 4 | <input type="checkbox"/> | 100.000  | 106.892    | 21557.21  | 0.1299 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 261.212    | 52189.59  | 0.3135 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 526.062    | 101252.27 | 0.6287 | P   | 2.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.847   | 191303.08 | 1.1974 | P   | 2.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1989.815   | 364310.65 | 2.3708 | P   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 1641.24   | 0.0105 | P   | 6.7 |

$$y = 0.0012 * x + 0.0027$$

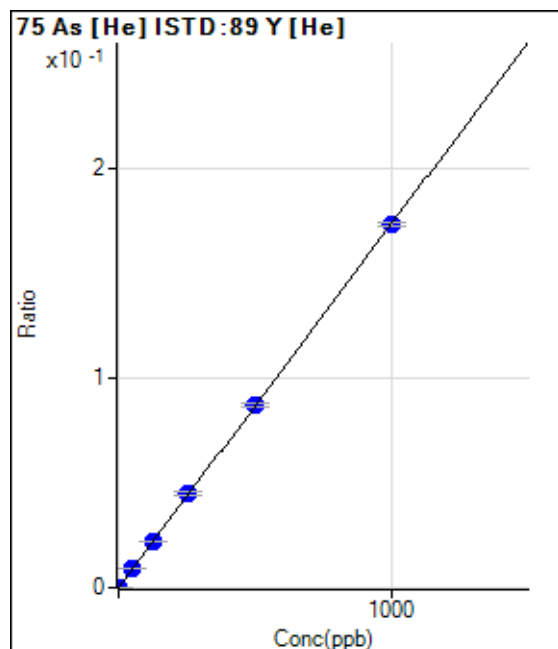
$$R = 0.9999$$

$$DL = 0.2839$$

$$BEC = 2.25$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.85      | 0.0000 | P        | 100.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |       |
| 3 | <input type="checkbox"/> | 1.000    | 1.080      | 130.25    | 0.0002 | P        | 15.8  |
| 4 | <input type="checkbox"/> | 50.000   | 52.150     | 6039.58   | 0.0091 | P        | 0.7   |
| 5 | <input type="checkbox"/> | 125.000  | 126.653    | 14752.62  | 0.0220 | P        | 0.6   |
| 6 | <input type="checkbox"/> | 250.000  | 257.729    | 29006.69  | 0.0448 | P        | 3.4   |
| 7 | <input type="checkbox"/> | 500.000  | 501.300    | 55979.93  | 0.0872 | P        | 1.5   |
| 8 | <input type="checkbox"/> | 1000.000 | 997.104    | 107666.22 | 0.1734 | P        | 1.0   |
| 9 | <input type="checkbox"/> |          |            | 48.77     | 0.0001 | P        | 30.1  |

$$y = 1.7392\text{E-}004 * x + 2.7979\text{E-}006$$

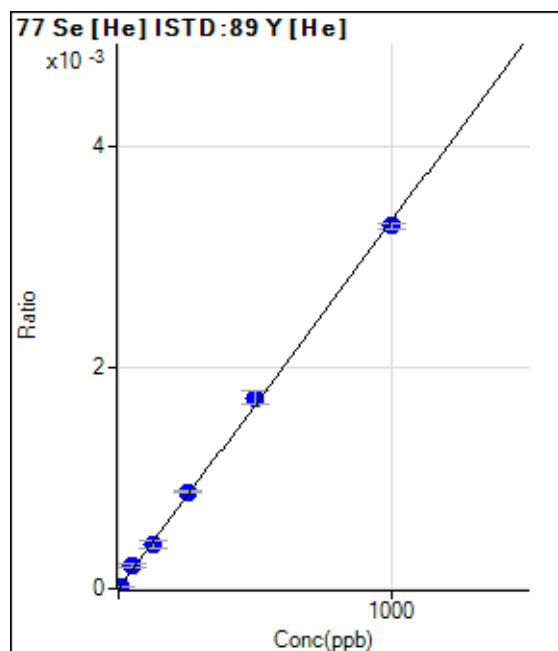
$$R = 1.0000$$

$$DL = 0.04848$$

$$BEC = 0.01609$$

Weight: <None>

Min Conc: 0



|   | 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    | 5.361      | 12.22   | 0.0000 | P        | 41.1 |
| 4 | <input type="checkbox"/> | 50.000   | 61.221     | 135.56  | 0.0002 | P        | 16.9 |
| 5 | <input type="checkbox"/> | 125.000  | 119.580    | 266.67  | 0.0004 | P        | 15.5 |
| 6 | <input type="checkbox"/> | 250.000  | 262.831    | 566.69  | 0.0009 | P        | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 520.148    | 1112.28 | 0.0017 | P        | 7.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.833    | 2040.18 | 0.0033 | P        | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 0.00    | 0.0000 | P        |      |

$$y = 3.3297\text{E-}006 * x + 0.0000\text{E+}000$$

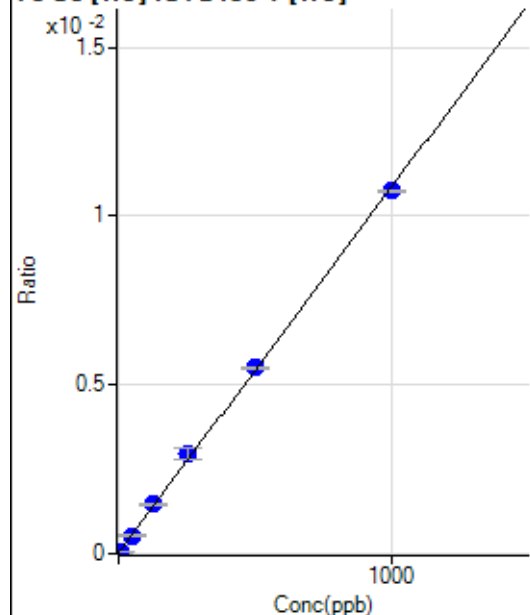
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

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      | 14.81   | 0.0000 | P    | 12.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.215      | 46.30   | 0.0001 | P    | 26.5 |
| 4 | <input type="checkbox"/> | 50.000   | 47.430     | 356.80  | 0.0005 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 132.324    | 974.74  | 0.0015 | P    | 2.5  |
| 6 | <input type="checkbox"/> | 250.000  | 271.857    | 1918.05 | 0.0030 | P    | 11.1 |
| 7 | <input type="checkbox"/> | 500.000  | 507.790    | 3546.76 | 0.0055 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.857    | 6671.95 | 0.0107 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 13.58   | 0.0000 | P    | 21.9 |

$$y = 1.0834\text{E-}005 * x + 2.2098\text{E-}005$$

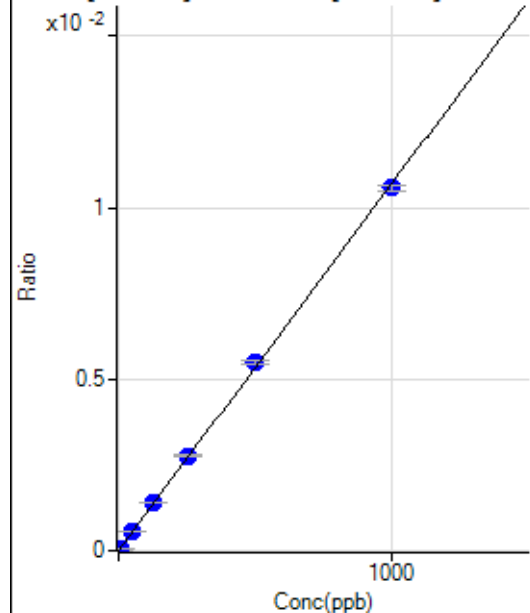
$$R = 0.9996$$

$$DL = 0.7429$$

$$BEC = 2.04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -6.63    | 0.0000 | P    | -236. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.987      | 299.51   | 0.0001 | P    | 6.4   |
| 4 | <input type="checkbox"/> | 50.000   | 53.346     | 3271.65  | 0.0006 | P    | 1.9   |
| 5 | <input type="checkbox"/> | 125.000  | 133.060    | 8119.33  | 0.0014 | P    | 0.1   |
| 6 | <input type="checkbox"/> | 250.000  | 258.373    | 15850.04 | 0.0028 | P    | 2.3   |
| 7 | <input type="checkbox"/> | 500.000  | 514.051    | 30813.36 | 0.0055 | P    | 2.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 989.707    | 58763.21 | 0.0106 | P    | 1.3   |
| 9 | <input type="checkbox"/> |          |            | 19.46    | 0.0000 | P    | 145.7 |

$$y = 1.0687\text{E-}005 * x - 1.1898\text{E-}006$$

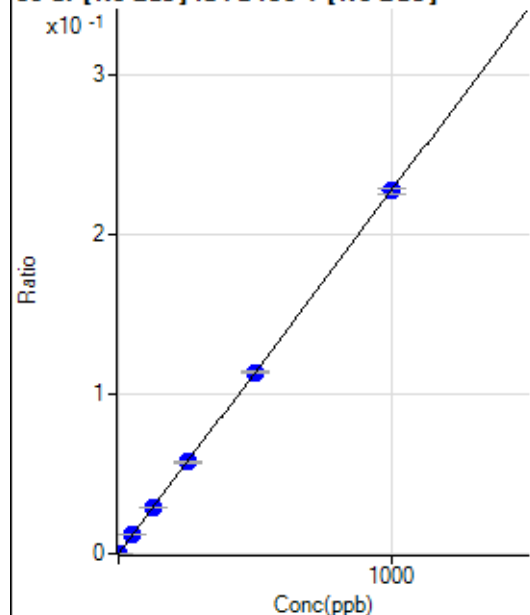
$$R = 0.9998$$

$$DL = 0.7899$$

$$BEC = -0.1113$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 233.34     | 0.0000 | P   | 13.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.918      | 1436.24    | 0.0002 | P   | 8.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.972     | 66839.30   | 0.0116 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 128.355    | 166898.50  | 0.0292 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 251.915    | 328947.63  | 0.0573 | P   | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.042    | 637664.43  | 0.1137 | P   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.033    | 1261474.07 | 0.2270 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 42235.34   | 0.0080 | P   | 1.8  |

$$y = 2.2721\text{E-}004 * x + 4.1338\text{E-}005$$

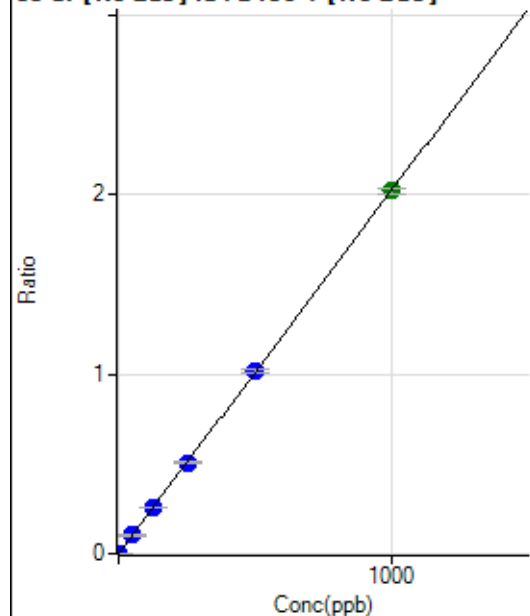
$$R = 1.0000$$

$$DL = 0.07245$$

$$BEC = 0.1819$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89       | 0.0000 | P   | 30.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 10607.11    | 0.0018 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.315     | 585668.35   | 0.1018 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.266    | 1460382.39  | 0.2556 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.228    | 2920127.82  | 0.5085 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.798    | 5686392.92  | 1.0135 | P   | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.120    | 11235500.17 | 2.0221 | A   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 371955.42   | 0.0707 | P   | 1.5  |

$$y = 0.0020 * x + 1.1336\text{E-}005$$

$$R = 1.0000$$

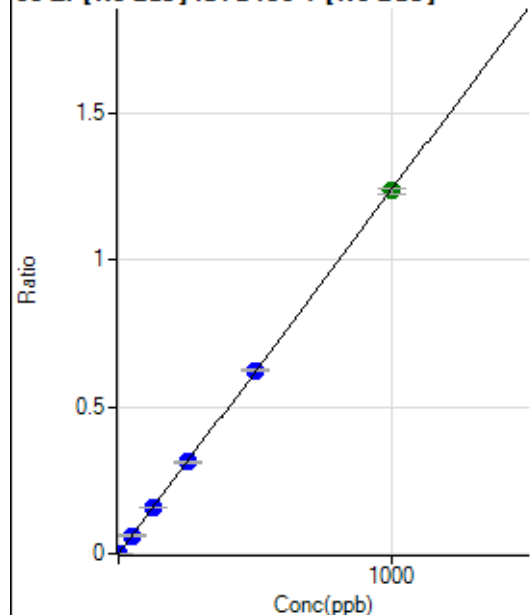
$$DL = 0.005186$$

$$BEC = 0.005601$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 402.80     | 0.0001 | P   | 32.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.762      | 5832.01    | 0.0010 | P   | 7.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.120     | 357383.00  | 0.0621 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.490    | 902730.05  | 0.1580 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 252.179    | 1794015.45 | 0.3124 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 503.991    | 3502623.69 | 0.6243 | P   | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.143    | 6862385.83 | 1.2350 | A   | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 1386.24    | 0.0003 | P   | 3.2  |

$$y = 0.0012 * x + 7.1468E-005$$

$$R = 1.0000$$

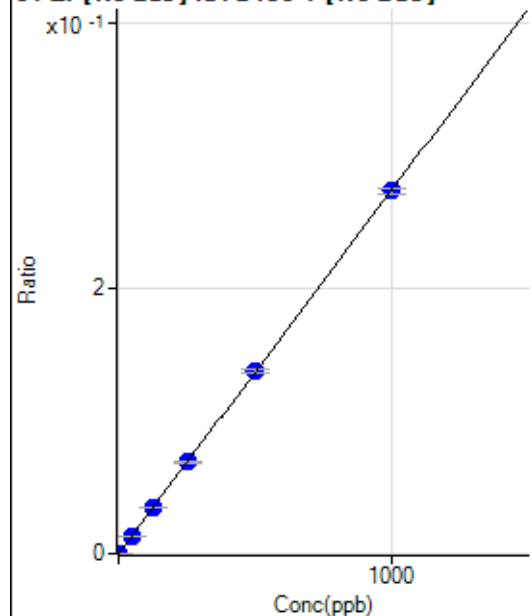
$$DL = 0.05538$$

$$BEC = 0.05771$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56      | 0.0000 | P   | 79.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.860      | 1433.47    | 0.0002 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.447     | 77842.35   | 0.0135 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 127.832    | 199851.65  | 0.0350 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.469    | 395002.81  | 0.0688 | P   | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 501.625    | 769677.93  | 0.1372 | P   | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.494    | 1517253.03 | 0.2731 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 333.36     | 0.0001 | P   | 24.8 |

$$y = 2.7346E-004 * x + 1.4312E-005$$

$$R = 1.0000$$

$$DL = 0.1254$$

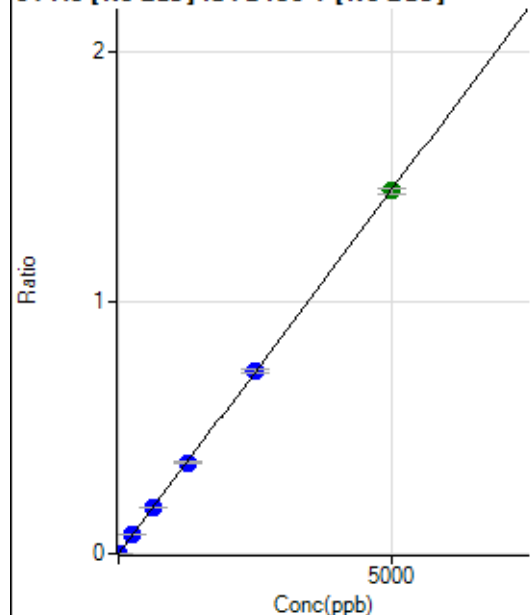
$$BEC = 0.05234$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67     | 0.0000 | P    | 20.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.354      | 7357.74    | 0.0013 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 250.000  | 252.296    | 419824.23  | 0.0730 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 635.256    | 1050239.42 | 0.1838 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.496   | 2074188.18 | 0.3612 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2519.961   | 4089900.14 | 0.7290 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4988.999   | 8019101.22 | 1.4432 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 4453.68    | 0.0008 | P    | 1.6  |

$$y = 2.8927\text{E-}004 * x + 2.0631\text{E-}005$$

$$R = 1.0000$$

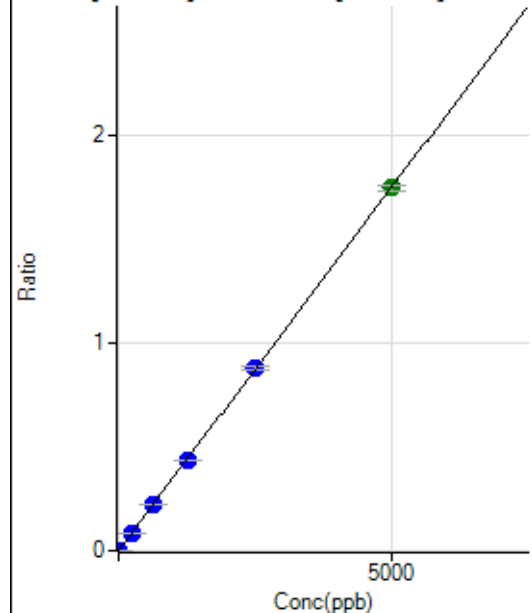
$$DL = 0.04364$$

$$BEC = 0.07132$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11      | 0.0000 | P    | 14.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.366      | 8808.62    | 0.0015 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 250.610    | 503823.77  | 0.0876 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 630.071    | 1258659.78 | 0.2203 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.375   | 2500128.87 | 0.4353 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.745   | 4922116.34 | 0.8773 | P    | 2.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.620   | 9703179.04 | 1.7463 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 7138.23    | 0.0014 | P    | 2.1  |

$$y = 3.4956\text{E-}004 * x + 6.3997\text{E-}006$$

$$R = 1.0000$$

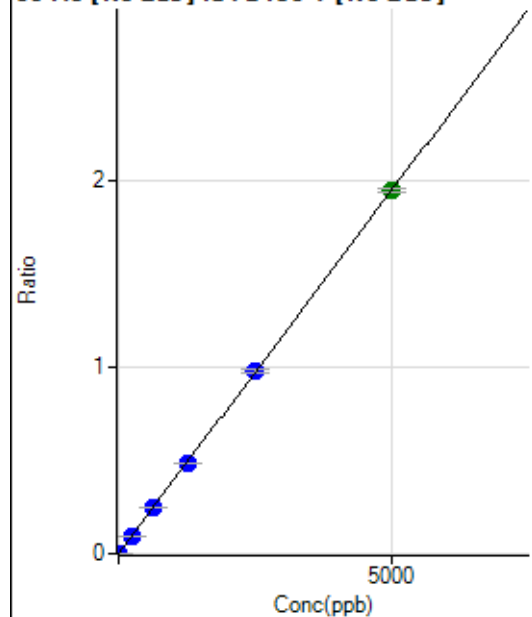
$$DL = 0.007828$$

$$BEC = 0.01831$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00       | 0.0000 | P    | 50.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.398      | 9906.60     | 0.0017 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 250.000  | 250.019    | 560578.99   | 0.0975 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 629.641    | 1402773.21  | 0.2455 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.255   | 2788088.69  | 0.4855 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2508.493   | 5486782.93  | 0.9779 | P    | 1.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.359   | 10823339.83 | 1.9478 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 7346.62     | 0.0014 | P    | 4.3  |

$$y = 3.8985E-004 * x + 8.8731E-006$$

$$R = 1.0000$$

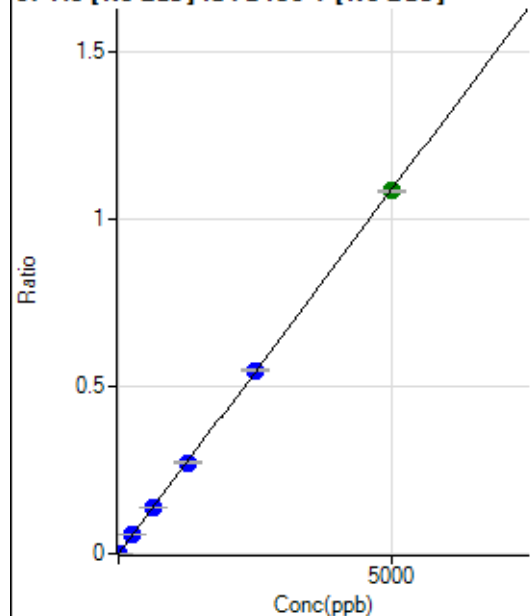
$$DL = 0.03433$$

$$BEC = 0.02276$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P    | 32.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.619      | 5787.57    | 0.0010 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 250.000  | 256.239    | 319846.21  | 0.0556 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 637.543    | 790750.71  | 0.1384 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1254.031   | 1563166.75 | 0.2722 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2521.009   | 3069863.83 | 0.5472 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4986.609   | 6013886.51 | 1.0823 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 4181.35    | 0.0008 | P    | 6.3  |

$$y = 2.1704E-004 * x + 4.4170E-006$$

$$R = 1.0000$$

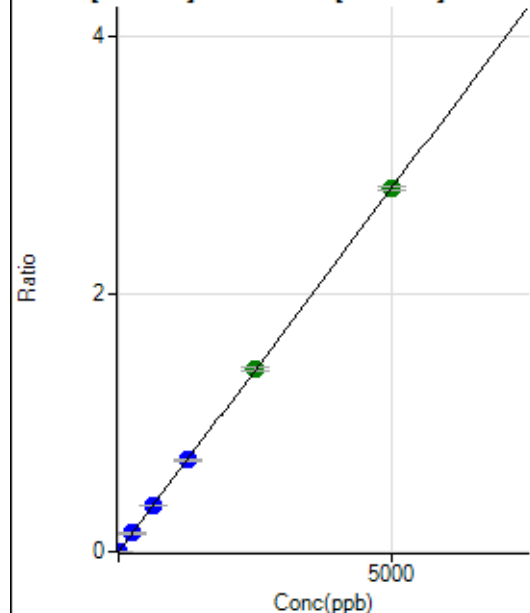
$$DL = 0.01974$$

$$BEC = 0.02035$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89       | 0.0000 | P   | 91.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.455      | 14460.75    | 0.0025 | P   | 4.3  |
| 4 | <input type="checkbox"/> | 250.000  | 251.431    | 815655.84   | 0.1418 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 632.736    | 2039692.47  | 0.3569 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1257.470   | 4073771.58  | 0.7093 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2510.537   | 7945709.38  | 1.4162 | A   | 1.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.826   | 15646630.04 | 2.8158 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 10715.50    | 0.0020 | P   | 5.5  |

$$y = 5.6409\text{E-}004 * x + 2.4508\text{E-}006$$

$$R = 1.0000$$

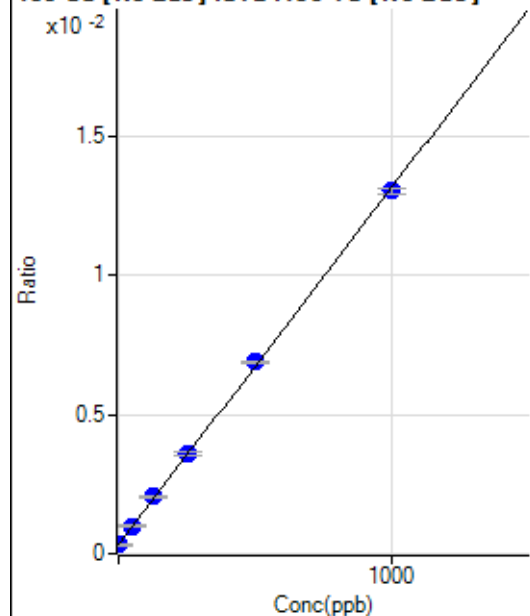
$$DL = 0.01198$$

$$BEC = 0.004345$$

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      | 2955.99   | 0.0003 | P   | 3.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.396      | 3061.59   | 0.0003 | P   | 14.0 |
| 4 | <input type="checkbox"/> | 50.000   | 52.287     | 9245.07   | 0.0010 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 134.248    | 18941.10  | 0.0020 | P   | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 254.128    | 33562.87  | 0.0036 | P   | 4.4  |
| 7 | <input type="checkbox"/> | 500.000  | 512.627    | 63771.87  | 0.0069 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.385    | 121032.67 | 0.0130 | P   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 2861.52   | 0.0003 | P   | 6.7  |

$$y = 1.2835\text{E-}005 * x + 3.2449\text{E-}004$$

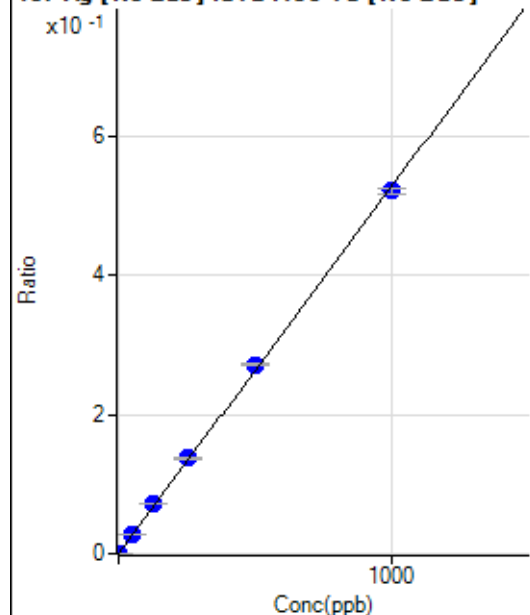
$$R = 0.9998$$

$$DL = 2.774$$

$$BEC = 25.28$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P    | 45.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.033      | 5126.13    | 0.0006 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 54.569     | 267659.70  | 0.0288 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 135.225    | 660666.12  | 0.0714 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 261.092    | 1290818.47 | 0.1379 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 514.700    | 2510506.82 | 0.2718 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.370    | 4841394.51 | 0.5220 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 544.48     | 0.0001 | P    | 6.9  |

$$y = 5.2810\text{E-}004 * x + 6.0898\text{E-}006$$

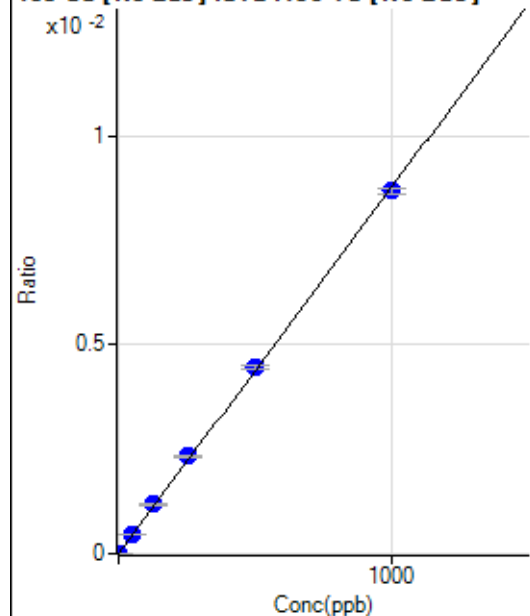
$$R = 0.9997$$

$$DL = 0.01572$$

$$BEC = 0.01153$$

Weight: &lt;None&gt;

Min Conc: 0

**108 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      | 4.17     | 0.0000 | P    | 100.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 1.000    | 0.955      | 81.95    | 0.0000 | P    | 20.5  |
| 4 | <input type="checkbox"/> | 50.000   | 53.910     | 4388.27  | 0.0005 | P    | 2.6   |
| 5 | <input type="checkbox"/> | 125.000  | 134.702    | 10915.51 | 0.0012 | P    | 3.4   |
| 6 | <input type="checkbox"/> | 250.000  | 266.032    | 21817.10 | 0.0023 | P    | 1.0   |
| 7 | <input type="checkbox"/> | 500.000  | 507.982    | 41091.65 | 0.0044 | P    | 2.0   |
| 8 | <input type="checkbox"/> | 1000.000 | 990.593    | 80464.14 | 0.0087 | P    | 1.9   |
| 9 | <input type="checkbox"/> |          |            | 19.44    | 0.0000 | P    | 67.2  |

$$y = 8.7574\text{E-}006 * x + 4.5598\text{E-}007$$

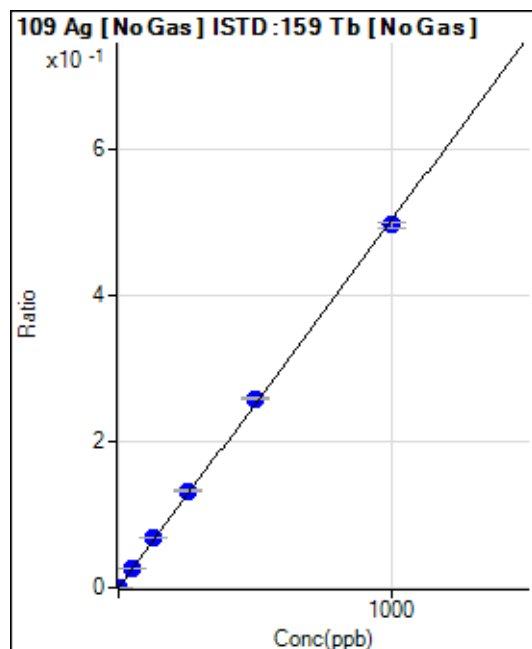
$$R = 0.9998$$

$$DL = 0.1562$$

$$BEC = 0.05207$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P    | 43.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.992      | 4653.78    | 0.0005 | P    | 5.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.663     | 255005.15  | 0.0275 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 135.131    | 627988.34  | 0.0679 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 262.947    | 1236611.98 | 0.1321 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 515.411    | 2391341.15 | 0.2589 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.558    | 4601379.23 | 0.4961 | P    | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 536.14     | 0.0001 | P    | 9.7  |

$$y = 5.0234\text{E-}004 * x + 2.4378\text{E-}006$$

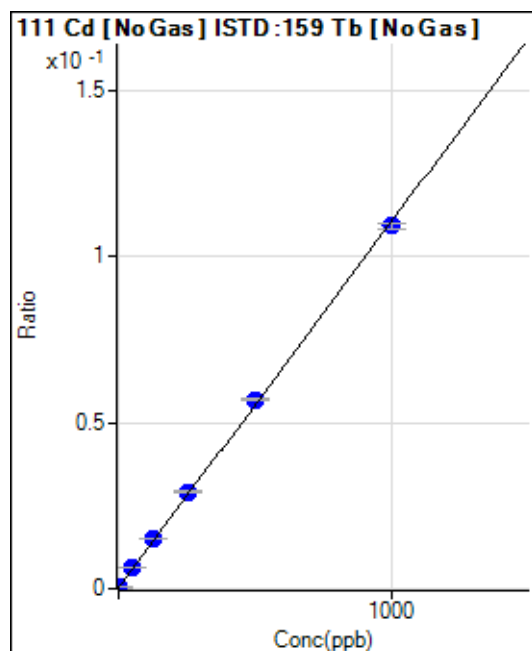
$$R = 0.9997$$

$$DL = 0.006264$$

$$BEC = 0.004853$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2067.67    | 0.0002 | P    | 3.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.937      | 3069.14    | 0.0003 | P    | 11.3 |
| 4 | <input type="checkbox"/> | 50.000   | 54.758     | 58222.41   | 0.0063 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 134.329    | 139239.05  | 0.0151 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 261.564    | 272336.33  | 0.0291 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 514.948    | 526945.77  | 0.0571 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.231    | 1013651.99 | 0.1093 | P    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 2117.24    | 0.0002 | P    | 7.0  |

$$y = 1.1036\text{E-}004 * x + 2.2698\text{E-}004$$

$$R = 0.9997$$

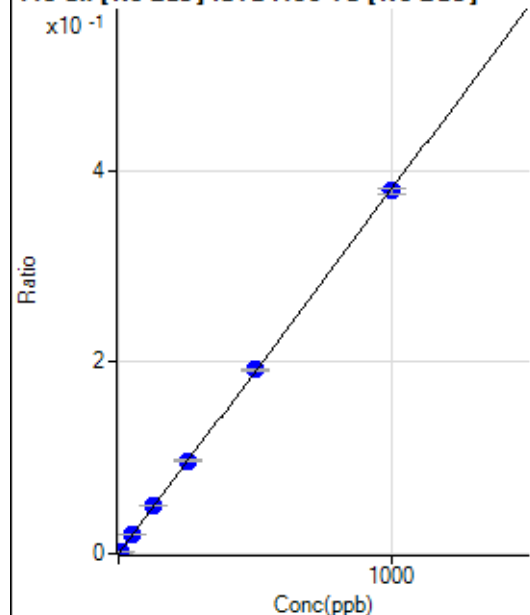
$$DL = 0.2295$$

$$BEC = 2.057$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 513.92     | 0.0001 | P    | 29.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.644      | 16960.83   | 0.0018 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.908     | 184094.45  | 0.0198 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 131.216    | 462798.44  | 0.0500 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 255.702    | 912115.34  | 0.0974 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 504.538    | 1775179.05 | 0.1922 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.435    | 3516742.26 | 0.3792 | P    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 4851.05    | 0.0006 | P    | 7.0  |

$$y = 3.8084\text{E-}004 * x + 5.6472\text{E-}005$$

$$R = 1.0000$$

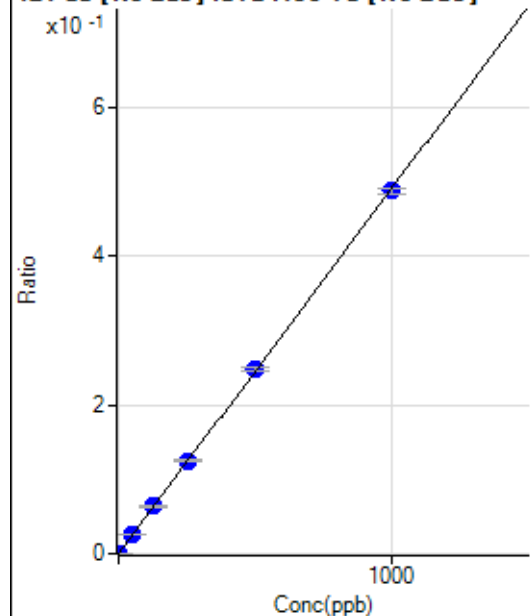
$$DL = 0.1298$$

$$BEC = 0.1483$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P    | 23.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.794      | 8230.54    | 0.0009 | P    | 6.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.672     | 230753.10  | 0.0249 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.040    | 589841.21  | 0.0638 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 253.823    | 1165031.47 | 0.1245 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 507.955    | 2300046.67 | 0.2490 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.404    | 4522036.56 | 0.4875 | P    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 12786.78   | 0.0015 | P    | 3.5  |

$$y = 4.9029\text{E-}004 * x + 6.1023\text{E-}006$$

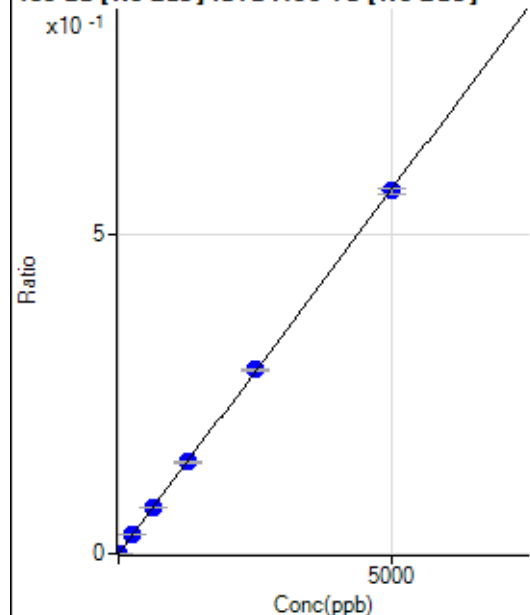
$$R = 0.9999$$

$$DL = 0.008702$$

$$BEC = 0.01245$$

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      | 19.44      | 0.0000 | P   | 65.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.061      | 9600.89    | 0.0010 | P   | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 257.733    | 272325.15  | 0.0293 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 642.868    | 676683.70  | 0.0731 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1261.098   | 1343206.02 | 0.1435 | P   | 2.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2523.847   | 2652089.93 | 0.2872 | P   | 1.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4982.684   | 5258222.86 | 0.5669 | P   | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 1530.71    | 0.0002 | P   | 8.2  |

$$y = 1.1378\text{E-}004 * x + 2.1328\text{E-}006$$

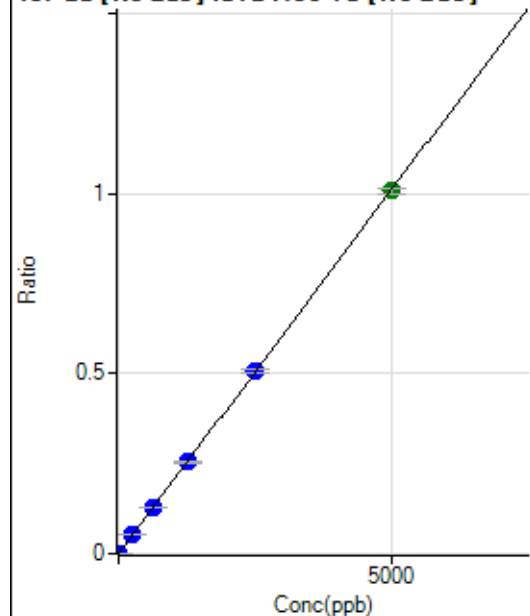
$$R = 1.0000$$

$$DL = 0.03664$$

$$BEC = 0.01874$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P   | 40.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.941      | 16816.36   | 0.0018 | P   | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 255.703    | 479422.70  | 0.0516 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 638.759    | 1193041.76 | 0.1290 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1263.207   | 2387527.35 | 0.2550 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2518.958   | 4696833.18 | 0.5086 | P   | 1.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4985.216   | 9335390.05 | 1.0065 | A   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 2664.27    | 0.0003 | P   | 4.7  |

$$y = 2.0189\text{E-}004 * x + 4.5796\text{E-}006$$

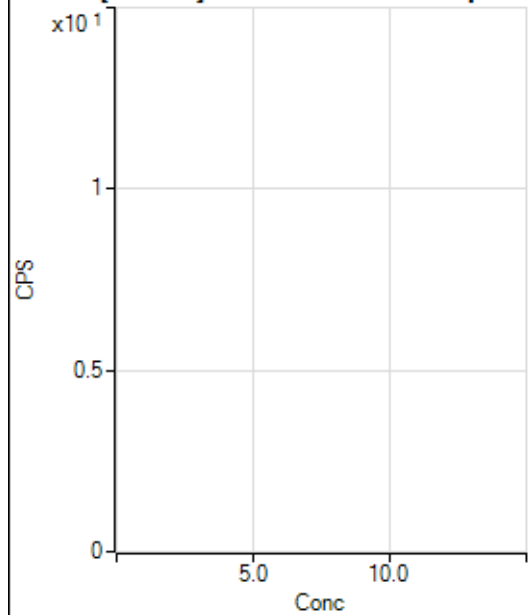
$$R = 1.0000$$

$$DL = 0.02755$$

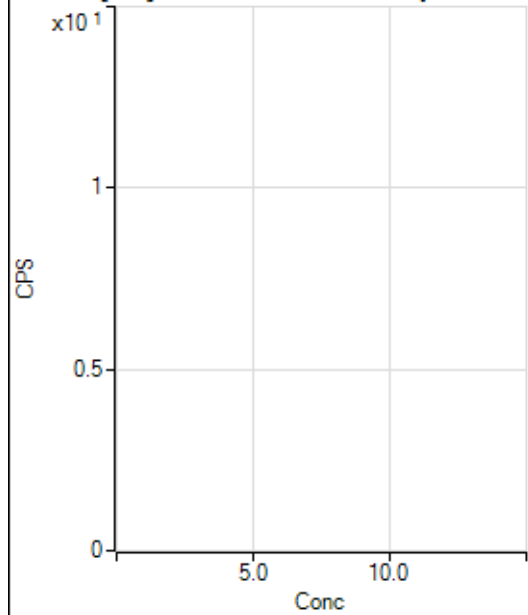
$$BEC = 0.02268$$

Weight: &lt;None&gt;

Min Conc: 0

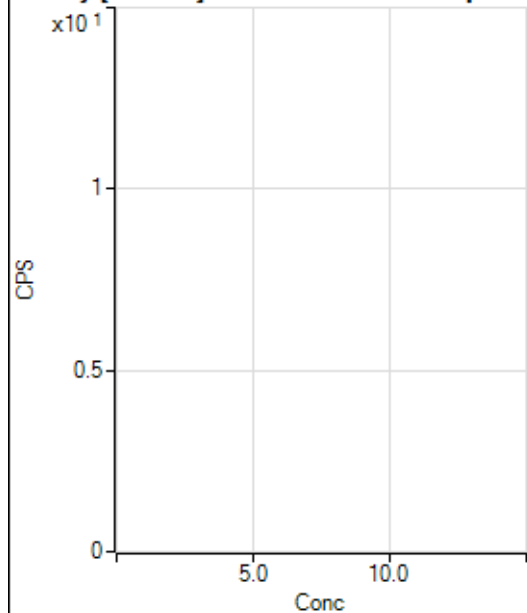
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 44.4  |
| 5 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 11.1  |
| 6 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 24.3  |
| 7 | <input type="checkbox"/> |       |            | 193.34 |       | P        | 6.0   |
| 8 | <input type="checkbox"/> |       |            | 362.24 |       | P        | 15.4  |
| 9 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 9.1   |

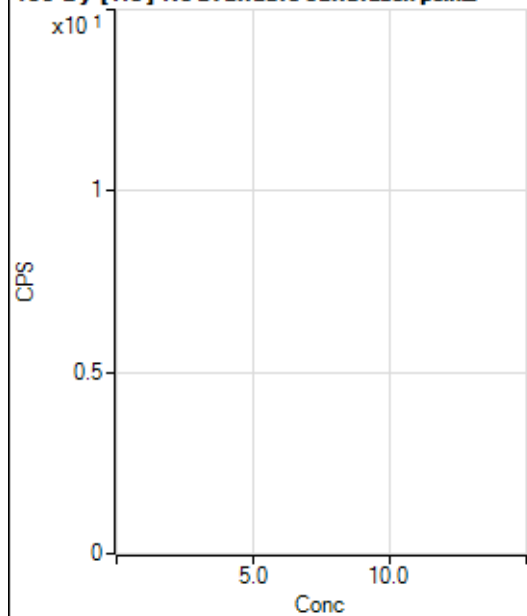
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 62.5  |
| 8 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 24.1  |
| 9 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 28.9  |

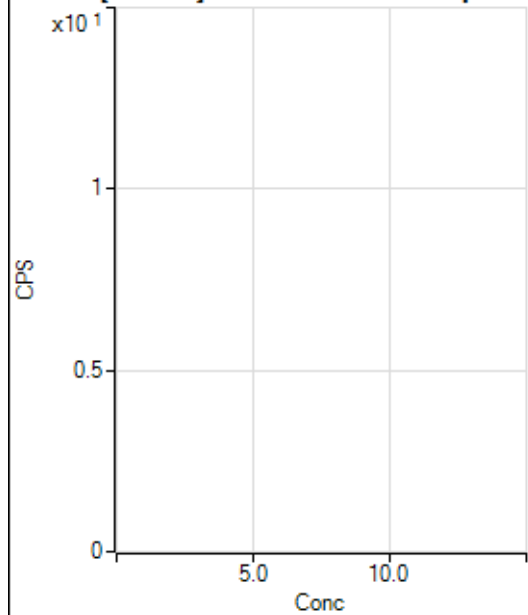


**156 Dy [ No Gas ] No available calibration points**

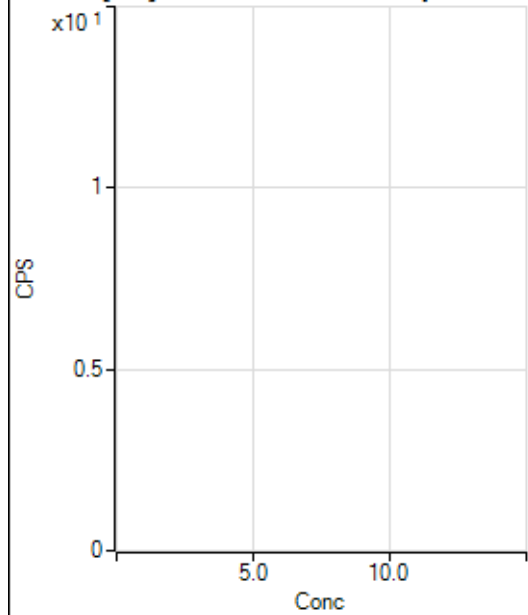
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 48.0 |
| 6 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 41.7 |
| 7 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |
| 8 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 20.1 |
| 9 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 43.8 |

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

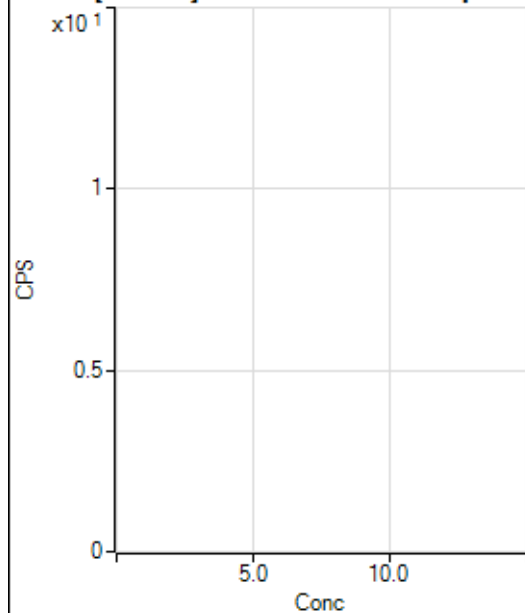
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5  |
| 6 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3  |
| 7 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 35.3  |
| 8 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 25.0  |
| 9 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 31.2  |

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

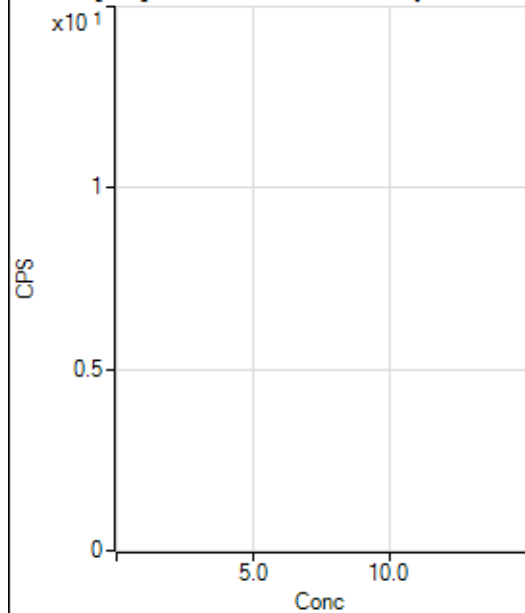
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 20.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 44.6 |
| 4 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 44.1 |
| 5 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 96.1 |
| 6 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 7 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 15.7 |
| 8 | <input type="checkbox"/> |       |            | 83.34 |       | P        | 34.6 |
| 9 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 12.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 6.7  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 27.7 |
| 4 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 16.7 |
| 5 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 27.7 |
| 6 | <input type="checkbox"/> |       |            | 53.33 |       | P        | 18.8 |
| 7 | <input type="checkbox"/> |       |            | 41.11 |       | P        | 52.8 |
| 8 | <input type="checkbox"/> |       |            | 65.56 |       | P        | 32.7 |
| 9 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 10.2 |

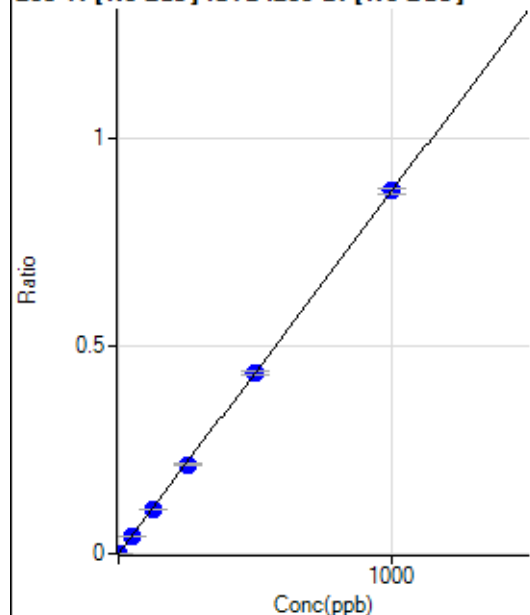
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 57.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 75.8 |
| 4 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 68.9 |
| 5 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 43.3 |
| 6 | <input type="checkbox"/> |       |            | 19.45 |       | P        | 89.2 |
| 7 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 36.7 |
| 8 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 40.0 |
| 9 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 47.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 35.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 4 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 39.0 |
| 5 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 43.3 |
| 6 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 27.0 |
| 7 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 80.0 |
| 8 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0 |
| 9 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 34.6 |

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      | 86.12      | 0.0000 | P        | 15.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.883      | 5537.50    | 0.0008 | P        | 4.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.868     | 307383.74  | 0.0436 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.060    | 761428.38  | 0.1084 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 246.665    | 1515465.24 | 0.2155 | P        | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 498.691    | 3007395.45 | 0.4357 | P        | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.613   | 5917309.07 | 0.8751 | P        | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 1394.58    | 0.0002 | P        | 8.0  |

$$y = 8.7363\text{E-}004 * x + 1.2342\text{E-}005$$

$$R = 1.0000$$

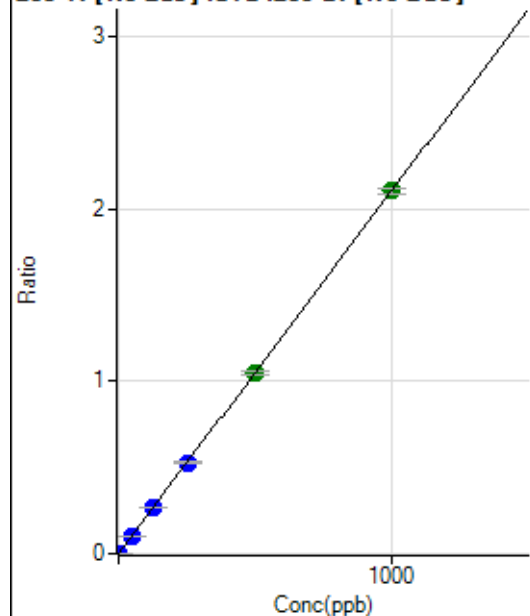
$$DL = 0.006745$$

$$BEC = 0.01413$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 200.01      | 0.0000 | P        | 8.0  |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.922      | 13918.96    | 0.0020 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.807     | 740019.08   | 0.1049 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.215    | 1852530.44  | 0.2637 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 250.660    | 3712373.17  | 0.5279 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 498.973    | 7253514.66  | 1.0508 | A        | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.331   | 14245816.46 | 2.1066 | A        | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 3750.70     | 0.0006 | P        | 10.1 |

$$y = 0.0021 * x + 2.8641\text{E-}005$$

$$R = 1.0000$$

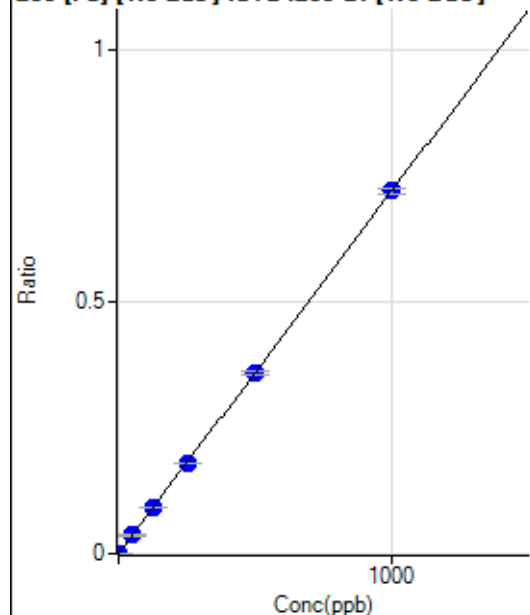
$$DL = 0.003246$$

$$BEC = 0.0136$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 401.87     | 0.0001 | P    | 16.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.886      | 4914.01    | 0.0007 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.430     | 256649.04  | 0.0364 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.448    | 635231.42  | 0.0904 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 248.430    | 1258994.31 | 0.1790 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 498.303    | 2478369.38 | 0.3590 | P    | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.164   | 4877696.23 | 0.7213 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 8312.11    | 0.0014 | P    | 2.6  |

$$y = 7.2041\text{E-}004 * x + 5.7486\text{E-}005$$

$$R = 1.0000$$

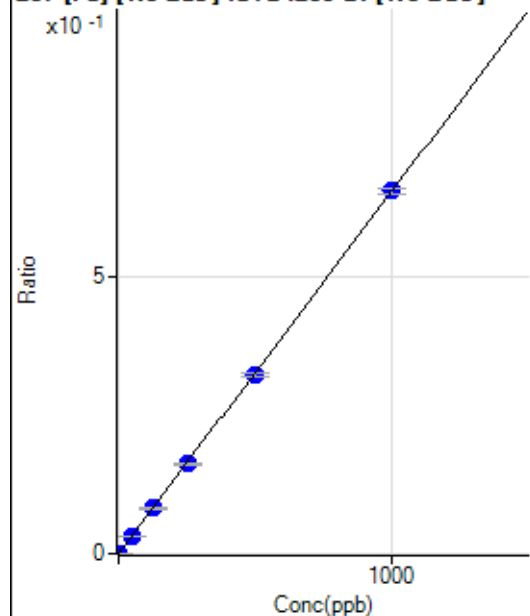
$$DL = 0.04024$$

$$BEC = 0.0798$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 364.83     | 0.0001 | P    | 17.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.894      | 4499.05    | 0.0006 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.727     | 229730.34  | 0.0326 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.087    | 574967.87  | 0.0819 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 247.255    | 1137449.49 | 0.1617 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 496.506    | 2241597.07 | 0.3247 | P    | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.436   | 4433326.25 | 0.6556 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 7191.03    | 0.0012 | P    | 5.6  |

$$y = 6.5394\text{E-}004 * x + 5.2279\text{E-}005$$

$$R = 1.0000$$

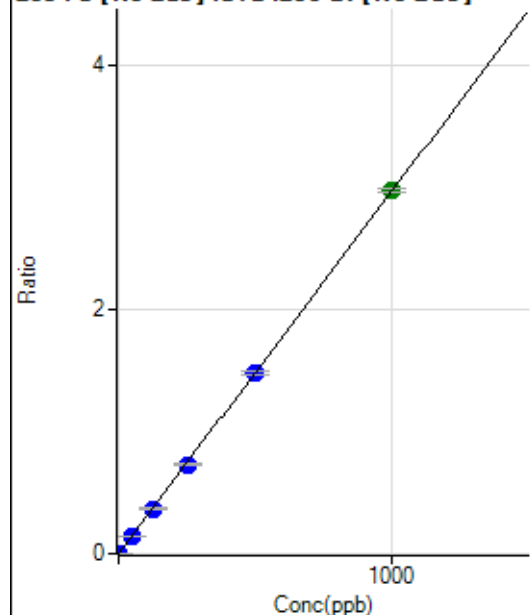
$$DL = 0.04224$$

$$BEC = 0.07994$$

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      | 1629.73     | 0.0002 | P   | 7.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.898      | 20454.99    | 0.0029 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.702     | 1040682.41  | 0.1475 | P   | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 124.537    | 2594560.15  | 0.3694 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 246.162    | 5132604.28  | 0.7299 | P   | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 497.491    | 10180103.96 | 1.4748 | P   | 2.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.287   | 20090813.12 | 2.9710 | A   | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 33259.83    | 0.0055 | P   | 3.2 |

$$y = 0.0030 * x + 2.3339E-004$$

$$R = 1.0000$$

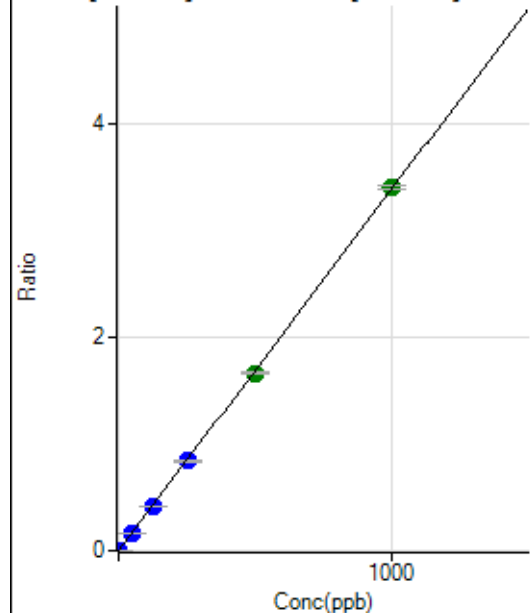
$$DL = 0.01783$$

$$BEC = 0.07874$$

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      | 152.78      | 0.0000 | P   | 18.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.855      | 20575.27    | 0.0029 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.425     | 1155561.69  | 0.1638 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 124.240    | 2952454.32  | 0.4203 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 249.121    | 5926465.15  | 0.8428 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 491.721    | 11483177.34 | 1.6634 | A   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.533   | 22979959.54 | 3.3982 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1689.08     | 0.0003 | P   | 7.8  |

$$y = 0.0034 * x + 2.1882E-005$$

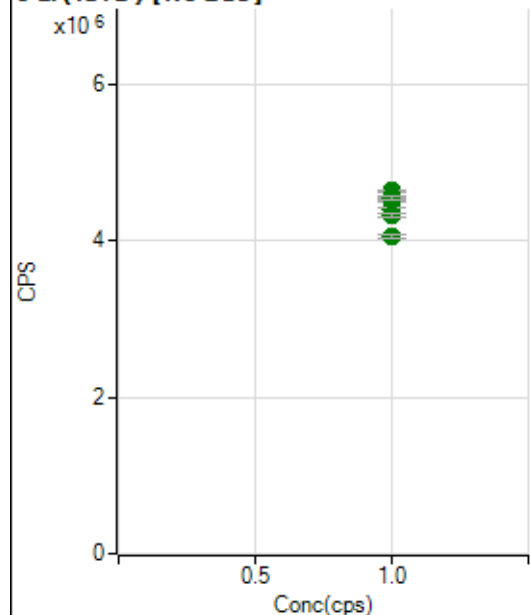
$$R = 0.9999$$

$$DL = 0.003509$$

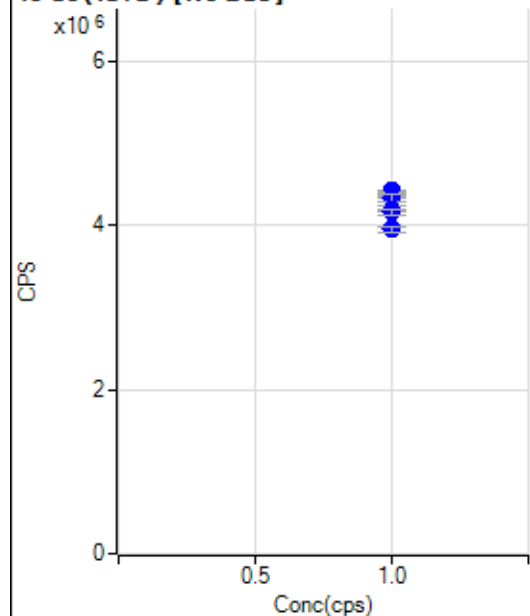
$$BEC = 0.006469$$

Weight: &lt;None&gt;

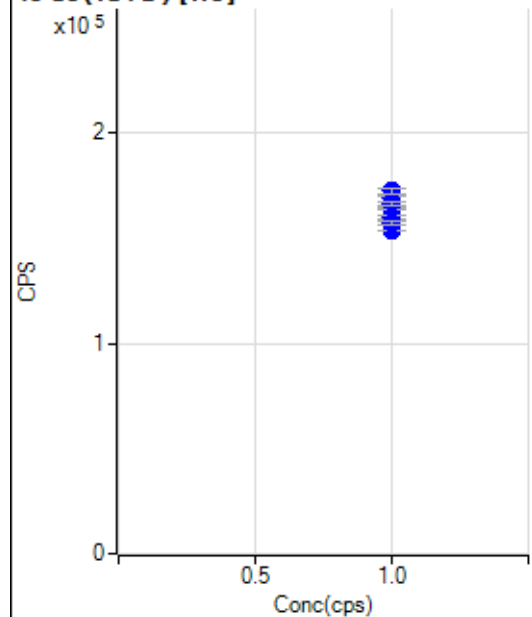
Min Conc: 0

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

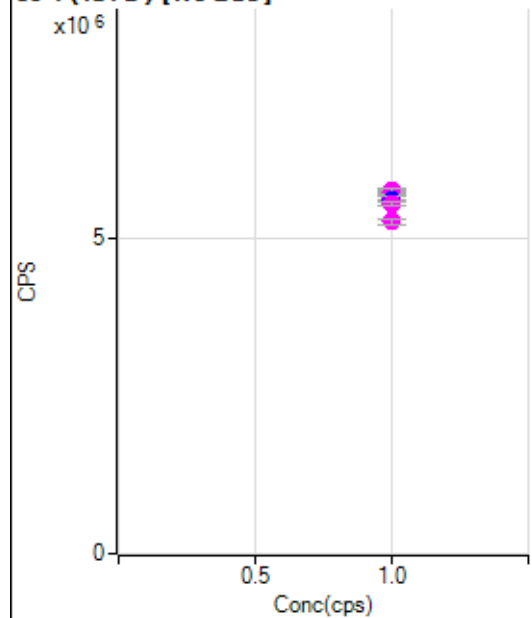
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4497000.73 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4631485.25 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4569252.88 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4538238.33 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4546507.92 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4388764.90 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4319119.24 |       | A        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4053022.96 |       | A        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4400298.67 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4418568.24 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4396360.60 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4337911.08 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4330943.80 |       | P        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4201874.97 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4157172.05 |       | P        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3950745.66 |       | P        | 1.4 |

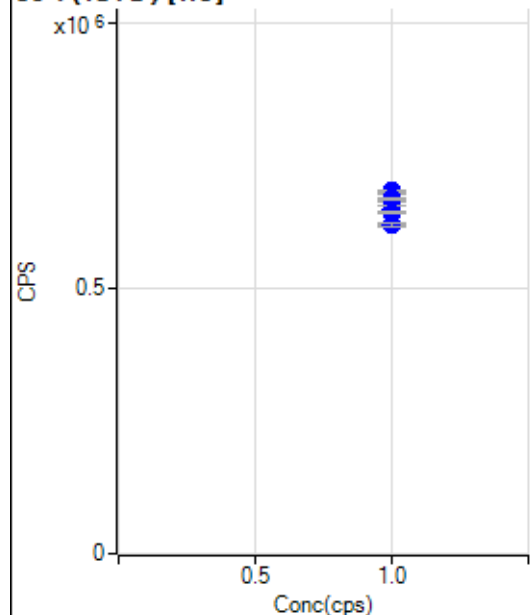
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 168941.50 |       | P        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 172447.86 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 165972.75 |       | P        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 166459.46 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 161114.00 |       | P        | 2.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 159813.18 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 153670.34 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 156966.77 |       | P        | 0.9 |

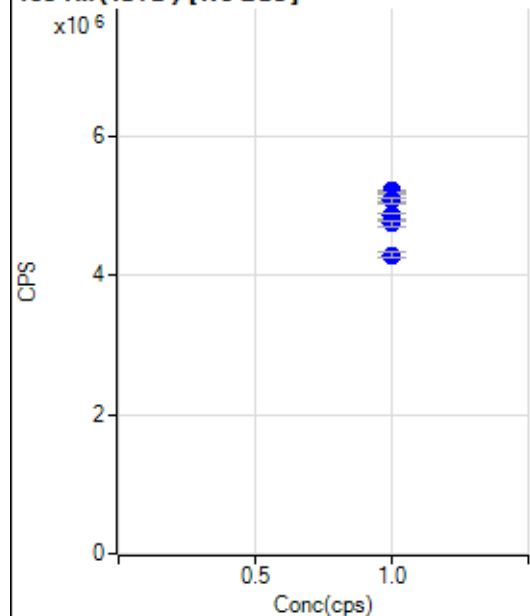
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5647159.57 |       | M        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5747933.11 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5750861.51 |       | M        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5714706.93 |       | M        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5743932.07 |       | M        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5611613.18 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5557064.22 |       | M        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5261743.39 |       | M        | 1.5 |

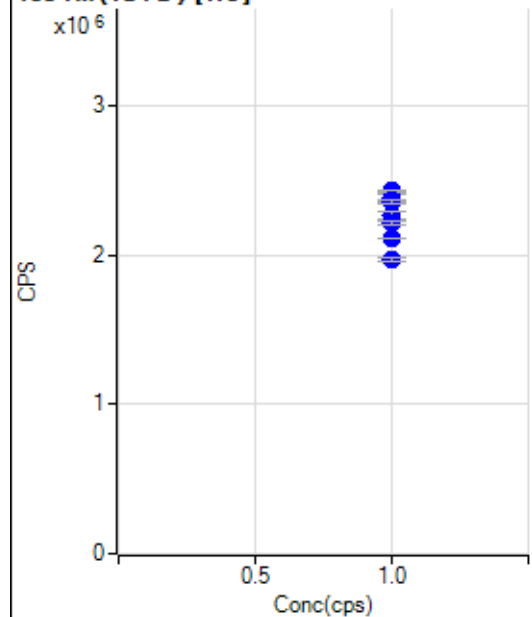


**89 Y(ISTD) [He]**

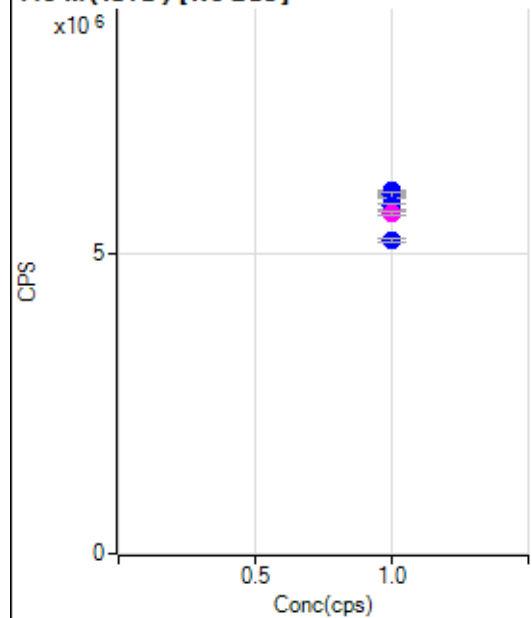
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 670158.34 |       | P        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 683549.91 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 665709.45 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 669671.51 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 647399.79 |       | P        | 2.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 642105.00 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 620878.49 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 618948.46 |       | P        | 1.2 |

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

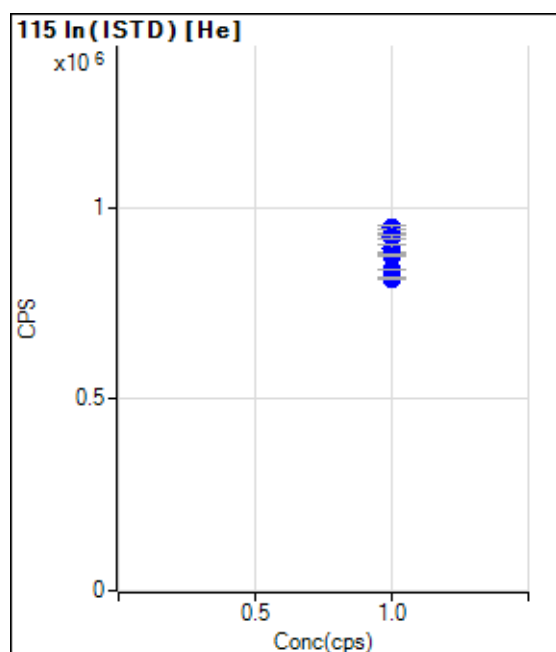
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5173460.92 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5217368.91 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5192750.11 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5080633.79 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5080434.05 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4865507.40 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4745468.33 |       | P        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4289130.87 |       | P        | 1.9 |

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

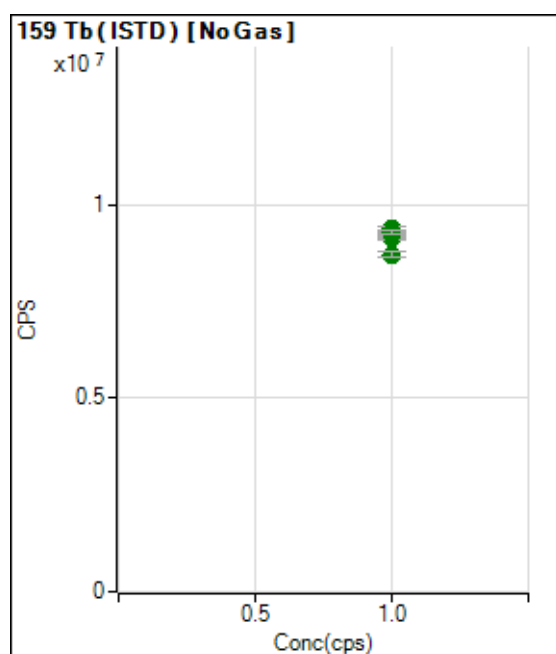
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2392062.65 |       | P        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2432955.14 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2368371.82 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2359324.76 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2270564.69 |       | P        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2219323.49 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2117325.42 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1970929.22 |       | P        | 1.2 |

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

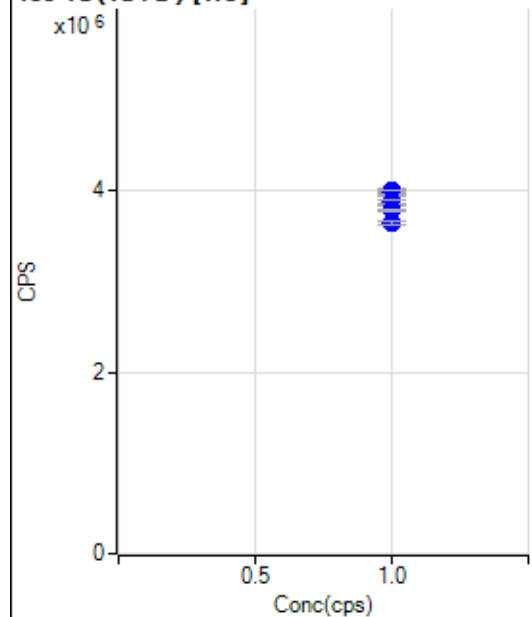
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5992738.20 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6066263.87 |       | P        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6036382.43 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5954119.90 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5998349.80 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5805676.95 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5689411.37 |       | M        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5246390.99 |       | P        | 1.6 |



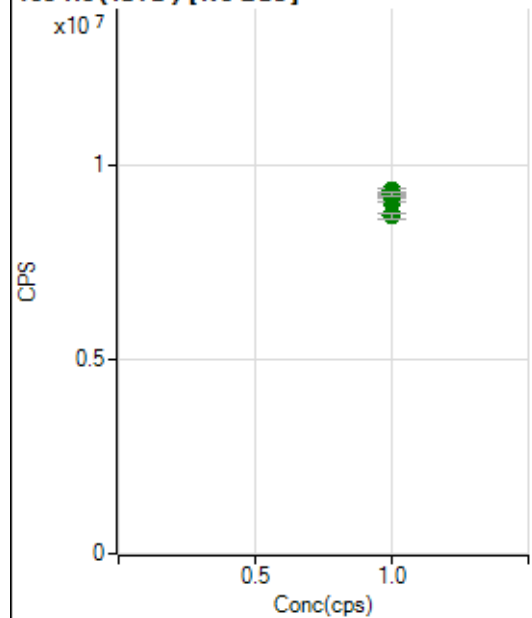
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 926823.20 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 946693.06 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 923481.02 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 922589.71 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 891943.55 |       | P        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 874454.45 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 836789.59 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 814712.06 |       | P        | 1.0 |



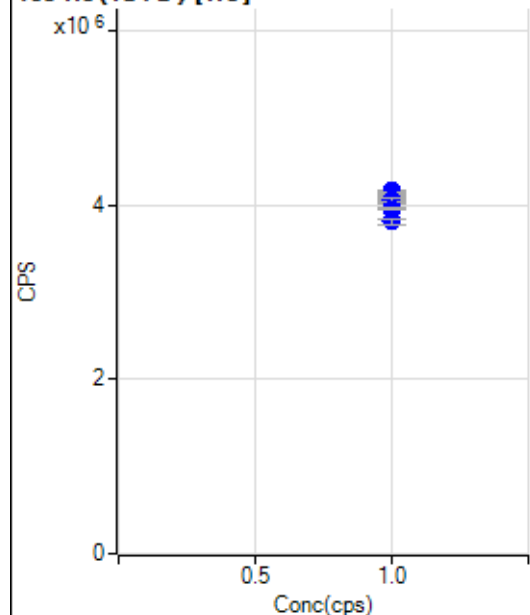
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9110316.67 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9292799.38 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9285860.42 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9251261.46 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9363899.51 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9237112.23 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9276454.38 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8703238.13 |       | A        | 1.8 |

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

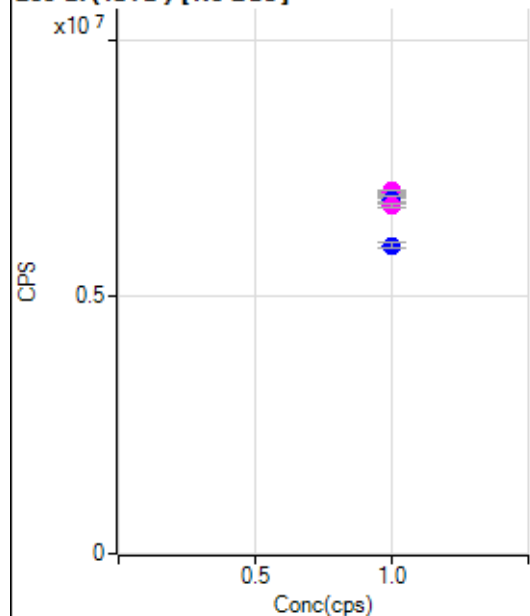
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3935090.88 |       | P        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3993624.18 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3944289.84 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3981790.98 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3888424.11 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3882084.21 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3779107.20 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3638885.57 |       | P        | 1.2 |

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

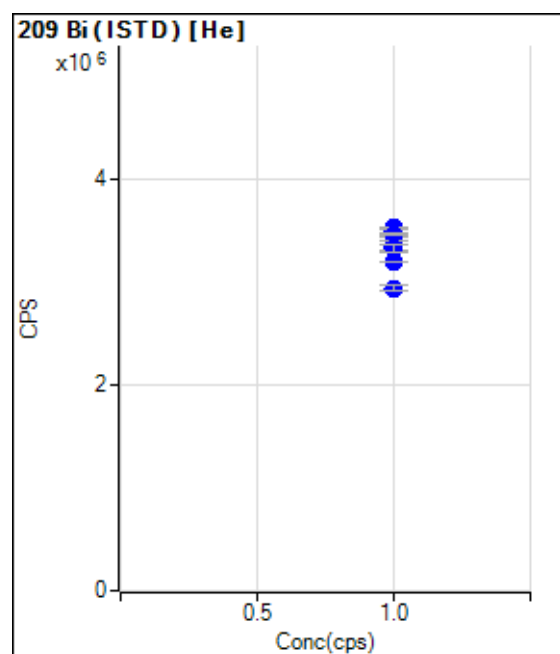
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9076707.15 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9230485.88 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9285879.72 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9220160.19 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9357373.91 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9212922.26 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9274684.06 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8706785.70 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4101020.63 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4163597.99 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4094927.51 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4136915.70 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4062028.27 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4064075.08 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3960048.90 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3807224.42 |       | P        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6986488.51 |       | M        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7062636.70 |       | M        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7053653.99 |       | M        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7024901.28 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7032819.27 |       | M        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6904456.84 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6762966.98 |       | M        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6003873.80 |       | P        | 2.3 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3501712.45 |       | P        | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3530302.21 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3452002.14 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3469554.64 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3358112.21 |       | P        | 2.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3329899.05 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3198969.64 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2942723.84 |       | P        | 1.7 |

US EPA Tune Check Sample Report

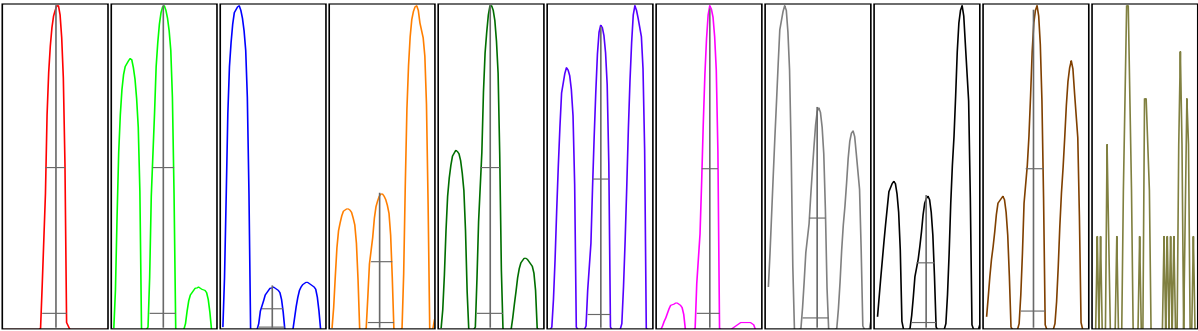
Batch Folder D:\ICP-MS Data\P7112217- MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 12006           | 0.60             | 5.00               |                |
| 24   | 72737           | 0.42             | 5.00               |                |
| 25   | 9463            | 0.42             | 5.00               |                |
| 26   | 10656           | 0.55             | 5.00               |                |
| 59   | 40009           | 0.53             | 5.00               |                |
| 113  | 5001            | 0.80             | 5.00               |                |
| 115  | 64947           | 1.04             | 5.00               |                |
| 206  | 21341           | 0.69             | 5.00               |                |
| 207  | 18990           | 0.77             | 5.00               |                |
| 208  | 45744           | 0.69             | 5.00               |                |
| 220  | 0               | 82.40            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 12021                | 11960                | 11937                | 11989                | 12122                |
| 24   | 72755                | 72532                | 72395                | 72818                | 73186                |
| 25   | 9479                 | 9430                 | 9415                 | 9479                 | 9512                 |
| 26   | 10684                | 10601                | 10601                | 10656                | 10740                |
| 59   | 40162                | 39844                | 39911                | 39830                | 40301                |
| 113  | 5024                 | 4986                 | 4939                 | 5017                 | 5040                 |
| 115  | 65543                | 64447                | 64148                | 64880                | 65715                |
| 206  | 21386                | 21200                | 21280                | 21265                | 21577                |
| 207  | 19093                | 18870                | 18876                | 18916                | 19194                |
| 208  | 45955                | 45374                | 45496                | 45765                | 46131                |
| 220  | 0                    | 0                    | 0                    | 0                    | 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    | 21604          | 9.05             | 8.9 - 9.1          |                | 0.730                | 0.900                  |                        |
| 24   | 122561         | 24.00            | 23.9 - 24.1        |                | 0.780                | 0.900                  |                        |
| 25   | 15886          | 25.00            | 24.9 - 25.1        |                | 0.778                | 0.900                  |                        |
| 26   | 17788          | 25.95            | 25.9 - 26.1        |                | 0.784                | 0.900                  |                        |
| 59   | 73256          | 59.00            | 58.9 - 59.1        |                | 0.772                | 0.900                  |                        |
| 113  | 10307          | 113.05           | 112.9 - 113.1      |                | 0.680                | 0.900                  |                        |
| 115  | 133783         | 115.05           | 114.9 - 115.1      |                | 0.679                | 0.900                  |                        |
| 206  | 44269          | 206.00           | 205.9 - 206.1      |                | 0.761                | 0.900                  |                        |
| 207  | 39807          | 207.00           | 206.9 - 207.1      |                | 0.721                | 0.900                  |                        |
| 208  | 95293          | 207.95           | 207.9 - 208.1      |                | 0.722                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | 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    | 8.1   | V    | Deflect       | 13.0  | V    |
| Extract 2     | -130.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -70    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 160   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 10162           | 0.75             |                    |
| 89   | 83202           | 0.92             |                    |
| 205  | 16905           | 0.78             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 10196                | 10113                | 10118                | 10281                | 10103                |
| 89   | 83055                | 82619                | 83092                | 84518                | 82728                |
| 205  | 16884                | 16778                | 16848                | 17129                | 16887                |

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    | 9.2   | V    | Deflect       | 2.4   | V    |
| Extract 2     | -145.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -80    | 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 :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | -0.12   | -0.13   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.10   | 0.07    | 0.04    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.03   | -0.05   | 0.08    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.09   | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.54    | -1.07   | 0.52    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | 0.05    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.48   | -0.02   | 0.50    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 3.77    | -0.46   | -3.31   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | 0.02    | -0.03   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.05    | 0.01    | -0.05   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.13   | 0.09    | 0.03    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.15   | 0.13    | 0.01    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.01    | -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  | -0.04   | 0.05    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 4.86    | -4.22   | -2.89   | -0.75      |         | ppb   |
| Potassium  | 39-2  | 3.84    | 0.36    | -4.21   | 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  | -0.22   | 0.27    | -0.04   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.15    | -0.30   | 0.16    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -4.88   | -52.08  | 56.96   | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.11   | 0.27    | -0.17   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | 0.03    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 158.95  | -145.69 | 42.46   | 18.57      | 827.60  | 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 | 0.05    | -0.02   | -0.03   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.00    | -0.04   | 0.04    | 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  | 0.11    | -0.04   | -0.06   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | -0.02   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.05    | -0.04   | 0.00       | N/A     | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P7  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 15:44:49 DataFile Name : 005CALS\_P7112217- M9

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.96   | 18.33   | 17.76   | 19.02      | 8.97    | ppb   |
| Antimony   | 121-1 | 1.66    | 1.85    | 1.87    | 1.79       | 6.40    | ppb   |
| Arsenic    | 75-2  | 0.88    | 1.17    | 1.19    | 1.08       | 16.02   | ppb   |
| Barium     | 135-1 | 8.97    | 8.82    | 9.40    | 9.06       | 3.31    | ppb   |
| Barium     | 137-1 | 9.17    | 8.61    | 9.03    | 8.94       | 3.26    | ppb   |
| Beryllium  | 9-1   | 0.89    | 0.90    | 0.93    | 0.91       | 2.07    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 21.26   | 20.87   | 22.35   | 21.49      | 3.56    | ppb   |
| Boron      | 11-1  | 21.44   | 22.35   | 22.02   | 21.94      | 2.09    | ppb   |
| Cadmium    | 111-1 | 1.32    | 0.81    | 0.68    | 0.94       | 36.07   | ppb   |
| Cadmium    | 106-1 | 4.55    | -1.79   | -1.57   | 0.40       | 909.02  | ppb   |
| Cadmium    | 108-1 | 1.08    | 0.72    | 1.07    | 0.95       | 21.63   | ppb   |
| Calcium    | 43-1  | 418.40  | 424.71  | 430.51  | 424.54     | 1.43    | ppb   |
| Calcium    | 44-1  | 412.41  | 416.04  | 424.32  | 417.59     | 1.46    | ppb   |
| Chromium   | 52-2  | 1.87    | 1.88    | 1.87    | 1.88       | 0.42    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.94    | 0.89    | 0.91       | 3.25    | ppb   |
| Copper     | 63-2  | 1.92    | 1.69    | 1.89    | 1.83       | 6.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 46.25   | 47.43   | 48.98   | 47.55      | 2.89    | ppb   |
| Iron       | 57-2  | 49.97   | 50.42   | 50.18   | 50.19      | 0.45    | ppb   |
| Lead       | 206-1 | 0.89    | 0.86    | 0.91    | 0.89       | 2.57    | ppb   |
| Lead       | 207-1 | 0.88    | 0.93    | 0.87    | 0.89       | 3.19    | ppb   |
| Lead       | 208-1 | 0.91    | 0.90    | 0.89    | 0.90       | 0.88    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 452.87  | 452.99  | 460.52  | 455.46     | 0.96    | ppb   |
| Manganese  | 55-2  | 0.89    | 0.93    | 0.96    | 0.92       | 4.05    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S02                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:44:49 | DataFile Name :   | 005CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.44    | 4.28    | 4.35    | 4.35       | 1.85    | ppb   |
| Molybdenum | 95-1  | 4.42    | 4.27    | 4.40    | 4.37       | 1.93    | ppb   |
| Molybdenum | 96-1  | 4.43    | 4.37    | 4.40    | 4.40       | 0.62    | ppb   |
| Molybdenum | 97-1  | 4.74    | 4.54    | 4.58    | 4.62       | 2.27    | ppb   |
| Molybdenum | 98-1  | 4.26    | 4.48    | 4.64    | 4.46       | 4.28    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.96    | 1.01    | 0.88    | 0.95       | 7.24    | ppb   |
| Phosphorus | 31-2  | 7.67    | -12.05  | 6.64    | 0.75       | 1482.44 | ppb   |
| Potassium  | 39-2  | 446.89  | 441.96  | 439.78  | 442.88     | 0.82    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 7.27    | 5.86    | 2.95    | 5.36       | 41.10   | ppb   |
| Selenium   | 78-2  | 4.42    | 2.46    | 5.77    | 4.21       | 39.39   | ppb   |
| Selenium   | 82-1  | 5.13    | 4.63    | 5.21    | 4.99       | 6.27    | ppb   |
| Silicon    | 28-1  | 102.01  | 187.47  | 143.51  | 144.33     | 29.61   | ppb   |
| Silver     | 109-1 | 1.06    | 0.97    | 0.95    | 0.99       | 5.74    | ppb   |
| Silver     | 107-1 | 1.03    | 1.03    | 1.04    | 1.03       | 0.55    | ppb   |
| Sodium     | 23-2  | 439.93  | 446.48  | 451.50  | 445.97     | 1.30    | ppb   |
| Strontium  | 86-1  | 1.02    | 0.83    | 0.90    | 0.92       | 10.33   | ppb   |
| Strontium  | 88-1  | 0.89    | 0.90    | 0.93    | 0.91       | 2.32    | ppb   |
| Sulfur     | 34-1  | -99.27  | 267.42  | -223.87 | -18.57     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.84    | 0.91    | 0.90    | 0.88       | 4.62    | ppb   |
| Thallium   | 205-1 | 0.93    | 0.91    | 0.93    | 0.92       | 1.59    | ppb   |
| Tin        | 118-1 | 4.70    | 4.60    | 4.64    | 4.64       | 1.09    | ppb   |
| Titanium   | 47-1  | 4.64    | 4.93    | 4.60    | 4.72       | 3.86    | ppb   |
| Uranium    | 238-1 | 0.85    | 0.87    | 0.85    | 0.85       | 1.28    | ppb   |
| Vanadium   | 51-2  | 4.33    | 4.52    | 4.42    | 4.42       | 2.11    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 2.09    | 1.91    | 2.52    | 2.18       | 14.44   | ppb   |
| Zirconium  | 90-1  | 0.76    | 0.82    | 0.70    | 0.76       | 7.80    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S02                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:44:49 | DataFile Name :   | 005CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.85    | 0.83    | 0.90    | 0.86       | 4.39    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1003.75 | 1035.90 | 1048.43 | 1029.36    | 2.24    | ppb   |
| Antimony   | 121-1 | 49.86   | 50.87   | 51.29   | 50.67      | 1.45    | ppb   |
| Arsenic    | 75-2  | 51.74   | 52.36   | 52.35   | 52.15      | 0.68    | ppb   |
| Barium     | 135-1 | 259.96  | 256.22  | 257.02  | 257.73     | 0.77    | ppb   |
| Barium     | 137-1 | 257.24  | 255.96  | 253.91  | 255.70     | 0.66    | ppb   |
| Beryllium  | 9-1   | 53.16   | 52.89   | 52.93   | 52.99      | 0.27    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 50.35   | 49.42   | 50.76   | 50.18      | 1.37    | ppb   |
| Boron      | 11-1  | 49.28   | 49.59   | 51.29   | 50.05      | 2.16    | ppb   |
| Cadmium    | 111-1 | 54.79   | 54.66   | 54.82   | 54.76      | 0.15    | ppb   |
| Cadmium    | 106-1 | 53.72   | 51.70   | 51.45   | 52.29      | 2.38    | ppb   |
| Cadmium    | 108-1 | 54.09   | 52.45   | 55.19   | 53.91      | 2.56    | ppb   |
| Calcium    | 43-1  | 4813.89 | 4915.01 | 4849.91 | 4859.60    | 1.05    | ppb   |
| Calcium    | 44-1  | 5013.14 | 4987.97 | 5000.84 | 5000.65    | 0.25    | ppb   |
| Chromium   | 52-2  | 51.26   | 52.25   | 51.44   | 51.65      | 1.02    | ppb   |
| Cobalt     | 59-2  | 52.24   | 53.60   | 53.36   | 53.07      | 1.36    | ppb   |
| Copper     | 63-2  | 105.28  | 108.34  | 107.70  | 107.11     | 1.51    | 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 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2695.33 | 2777.54 | 2761.26 | 2744.71    | 1.59    | ppb   |
| Iron       | 57-2  | 2737.76 | 2749.66 | 2759.30 | 2748.91    | 0.39    | ppb   |
| Lead       | 206-1 | 50.26   | 51.41   | 49.62   | 50.43      | 1.80    | ppb   |
| Lead       | 207-1 | 49.35   | 50.47   | 49.37   | 49.73      | 1.29    | ppb   |
| Lead       | 208-1 | 49.31   | 50.47   | 49.32   | 49.70      | 1.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 5207.23 | 5319.37 | 5327.49 | 5284.70    | 1.27    | ppb   |
| Manganese  | 55-2  | 101.06  | 104.35  | 104.87  | 103.43     | 2.00    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 253.97  | 250.54  | 252.38  | 252.30     | 0.68    | ppb   |
| Molybdenum | 95-1  | 251.74  | 249.07  | 251.02  | 250.61     | 0.55    | ppb   |
| Molybdenum | 96-1  | 251.38  | 247.43  | 251.26  | 250.02     | 0.90    | ppb   |
| Molybdenum | 97-1  | 257.18  | 255.41  | 256.12  | 256.24     | 0.35    | ppb   |
| Molybdenum | 98-1  | 251.46  | 251.09  | 251.75  | 251.43     | 0.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.34   | 55.41   | 54.35   | 54.37      | 1.90    | ppb   |
| Phosphorus | 31-2  | 1073.45 | 955.45  | 968.82  | 999.24     | 6.47    | ppb   |
| Potassium  | 39-2  | 2540.75 | 2589.42 | 2592.79 | 2574.32    | 1.13    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 50.67   | 71.36   | 61.64   | 61.22      | 16.91   | ppb   |
| Selenium   | 78-2  | 47.06   | 46.70   | 48.53   | 47.43      | 2.05    | ppb   |
| Selenium   | 82-1  | 54.24   | 52.24   | 53.56   | 53.35      | 1.91    | ppb   |
| Silicon    | 28-1  | 213.23  | 152.63  | 147.46  | 171.10     | 21.37   | ppb   |
| Silver     | 109-1 | 54.81   | 54.55   | 54.62   | 54.66      | 0.25    | ppb   |
| Silver     | 107-1 | 54.99   | 54.45   | 54.27   | 54.57      | 0.68    | ppb   |
| Sodium     | 23-2  | 5176.04 | 5271.02 | 5258.73 | 5235.26    | 0.99    | ppb   |
| Strontium  | 86-1  | 51.35   | 50.95   | 50.61   | 50.97      | 0.72    | ppb   |
| Strontium  | 88-1  | 50.39   | 50.46   | 50.09   | 50.31      | 0.39    | ppb   |
| Sulfur     | 34-1  | 919.06  | 1101.39 | 1093.72 | 1038.06    | 9.93    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 49.70   | 50.02   | 49.88   | 49.87      | 0.32    | ppb   |
| Thallium   | 205-1 | 49.38   | 50.22   | 49.81   | 49.81      | 0.84    | ppb   |
| Tin        | 118-1 | 51.88   | 52.41   | 51.43   | 51.91      | 0.94    | ppb   |
| Titanium   | 47-1  | 252.67  | 250.91  | 251.92  | 251.83     | 0.35    | ppb   |
| Uranium    | 238-1 | 47.95   | 48.94   | 48.39   | 48.42      | 1.02    | ppb   |
| Vanadium   | 51-2  | 50.78   | 51.14   | 51.35   | 51.09      | 0.57    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 105.91  | 106.70  | 108.06  | 106.89     | 1.02    | ppb   |
| Zirconium  | 90-1  | 50.29   | 49.89   | 50.17   | 50.12      | 0.41    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 50.08   | 48.41   | 49.85   | 49.45      | 1.82    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S04                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:52:30 | DataFile Name :   | 007CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2555.52  | 2582.19  | 2504.37  | 2547.36    | 1.55    | ppb   |
| Antimony   | 121-1 | 131.10   | 127.57   | 131.45   | 130.04     | 1.65    | ppb   |
| Arsenic    | 75-2  | 126.10   | 127.53   | 126.32   | 126.65     | 0.61    | ppb   |
| Barium     | 135-1 | 645.94   | 639.67   | 643.00   | 642.87     | 0.49    | ppb   |
| Barium     | 137-1 | 646.36   | 635.41   | 634.51   | 638.76     | 1.03    | ppb   |
| Beryllium  | 9-1   | 130.36   | 130.24   | 131.71   | 130.77     | 0.63    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 125.58   | 126.43   | 127.44   | 126.48     | 0.74    | ppb   |
| Boron      | 11-1  | 125.68   | 127.81   | 128.46   | 127.32     | 1.15    | ppb   |
| Cadmium    | 111-1 | 136.08   | 134.26   | 132.65   | 134.33     | 1.28    | ppb   |
| Cadmium    | 106-1 | 138.30   | 133.61   | 130.84   | 134.25     | 2.81    | ppb   |
| Cadmium    | 108-1 | 139.90   | 131.19   | 133.01   | 134.70     | 3.41    | ppb   |
| Calcium    | 43-1  | 12199.39 | 12137.83 | 12322.75 | 12219.99   | 0.77    | ppb   |
| Calcium    | 44-1  | 12677.90 | 12637.17 | 12733.96 | 12683.01   | 0.38    | ppb   |
| Chromium   | 52-2  | 128.95   | 129.26   | 128.01   | 128.74     | 0.50    | ppb   |
| Cobalt     | 59-2  | 130.06   | 129.80   | 128.50   | 129.45     | 0.64    | ppb   |
| Copper     | 63-2  | 262.12   | 265.67   | 260.05   | 262.61     | 1.08    | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 6682.28  | 6671.56  | 6590.63  | 6648.15    | 0.75    | ppb   |
| Iron       | 57-2  | 6681.44  | 6690.27  | 6598.88  | 6656.86    | 0.76    | ppb   |
| Lead       | 206-1 | 125.74   | 123.78   | 126.83   | 125.45     | 1.23    | ppb   |
| Lead       | 207-1 | 124.94   | 123.82   | 126.51   | 125.09     | 1.08    | ppb   |
| Lead       | 208-1 | 124.52   | 123.34   | 125.75   | 124.54     | 0.97    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 13059.74 | 13070.63 | 12820.59 | 12983.65   | 1.09    | ppb   |
| Manganese  | 55-2  | 256.96   | 257.13   | 253.94   | 256.01     | 0.70    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S04                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:52:30 | DataFile Name :   | 007CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 634.91   | 631.56   | 639.30   | 635.26     | 0.61    | ppb   |
| Molybdenum | 95-1  | 628.04   | 629.29   | 632.88   | 630.07     | 0.40    | ppb   |
| Molybdenum | 96-1  | 624.56   | 630.57   | 633.79   | 629.64     | 0.74    | ppb   |
| Molybdenum | 97-1  | 634.91   | 636.71   | 641.01   | 637.54     | 0.49    | ppb   |
| Molybdenum | 98-1  | 632.23   | 631.91   | 634.07   | 632.74     | 0.18    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.67   | 133.69   | 131.14   | 131.83     | 1.23    | ppb   |
| Phosphorus | 31-2  | 2521.52  | 2549.78  | 2539.41  | 2536.90    | 0.56    | ppb   |
| Potassium  | 39-2  | 6349.14  | 6371.84  | 6242.73  | 6321.24    | 1.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 140.54   | 105.35   | 112.85   | 119.58     | 15.50   | ppb   |
| Selenium   | 78-2  | 133.77   | 134.67   | 128.53   | 132.32     | 2.51    | ppb   |
| Selenium   | 82-1  | 133.09   | 132.93   | 133.16   | 133.06     | 0.09    | ppb   |
| Silicon    | 28-1  | 250.87   | 224.81   | 379.35   | 285.01     | 29.03   | ppb   |
| Silver     | 109-1 | 135.90   | 133.84   | 135.65   | 135.13     | 0.83    | ppb   |
| Silver     | 107-1 | 137.01   | 133.53   | 135.13   | 135.23     | 1.29    | ppb   |
| Sodium     | 23-2  | 13116.47 | 13097.65 | 12863.96 | 13026.03   | 1.08    | ppb   |
| Strontium  | 86-1  | 129.24   | 128.23   | 127.58   | 128.35     | 0.65    | ppb   |
| Strontium  | 88-1  | 125.94   | 125.96   | 126.90   | 126.27     | 0.43    | ppb   |
| Sulfur     | 34-1  | 2537.35  | 2385.28  | 2818.00  | 2580.21    | 8.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 124.84   | 122.73   | 124.60   | 124.06     | 0.93    | ppb   |
| Thallium   | 205-1 | 124.98   | 124.23   | 126.43   | 125.22     | 0.89    | ppb   |
| Tin        | 118-1 | 132.82   | 129.19   | 131.64   | 131.22     | 1.41    | ppb   |
| Titanium   | 47-1  | 637.90   | 628.56   | 640.49   | 635.65     | 0.99    | ppb   |
| Uranium    | 238-1 | 124.86   | 122.98   | 124.88   | 124.24     | 0.88    | ppb   |
| Vanadium   | 51-2  | 127.93   | 126.56   | 126.16   | 126.88     | 0.73    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 261.06   | 264.02   | 258.56   | 261.21     | 1.05    | ppb   |
| Zirconium  | 90-1  | 127.61   | 127.47   | 127.39   | 127.49     | 0.09    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S04                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:52:30 | DataFile Name :   | 007CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 129.12  | 126.43  | 127.94  | 127.83     | 1.06    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5035.60  | 5235.54  | 5023.72  | 5098.29    | 2.33    | ppb   |
| Antimony   | 121-1 | 254.80   | 247.82   | 258.85   | 253.82     | 2.20    | ppb   |
| Arsenic    | 75-2  | 254.62   | 267.62   | 250.94   | 257.73     | 3.40    | ppb   |
| Barium     | 135-1 | 1266.68  | 1228.91  | 1287.70  | 1261.10    | 2.36    | ppb   |
| Barium     | 137-1 | 1265.83  | 1236.49  | 1287.30  | 1263.21    | 2.02    | ppb   |
| Beryllium  | 9-1   | 256.59   | 249.98   | 258.92   | 255.16     | 1.82    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 247.67   | 245.36   | 256.97   | 250.00     | 2.46    | ppb   |
| Boron      | 11-1  | 247.66   | 248.11   | 255.17   | 250.31     | 1.68    | ppb   |
| Cadmium    | 111-1 | 263.09   | 254.41   | 267.19   | 261.56     | 2.49    | ppb   |
| Cadmium    | 106-1 | 260.02   | 239.97   | 262.40   | 254.13     | 4.85    | ppb   |
| Cadmium    | 108-1 | 265.84   | 263.59   | 268.67   | 266.03     | 0.96    | ppb   |
| Calcium    | 43-1  | 24563.34 | 23831.20 | 24805.73 | 24400.09   | 2.08    | ppb   |
| Calcium    | 44-1  | 24628.43 | 23776.75 | 25052.69 | 24485.96   | 2.65    | ppb   |
| Chromium   | 52-2  | 253.50   | 263.82   | 252.42   | 256.58     | 2.45    | ppb   |
| Cobalt     | 59-2  | 256.59   | 266.78   | 257.19   | 260.18     | 2.20    | ppb   |
| Copper     | 63-2  | 515.45   | 541.37   | 513.12   | 523.31     | 3.00    | 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 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 13155.07 | 13782.33 | 13110.63 | 13349.35   | 2.81    | ppb   |
| Iron       | 57-2  | 13114.48 | 13730.30 | 13051.44 | 13298.74   | 2.82    | ppb   |
| Lead       | 206-1 | 245.76   | 247.23   | 252.30   | 248.43     | 1.38    | ppb   |
| Lead       | 207-1 | 244.45   | 247.11   | 250.21   | 247.26     | 1.17    | ppb   |
| Lead       | 208-1 | 244.83   | 244.52   | 249.14   | 246.16     | 1.05    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 25885.13 | 27101.75 | 26076.60 | 26354.49   | 2.48    | ppb   |
| Manganese  | 55-2  | 504.25   | 531.29   | 508.92   | 514.82     | 2.81    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1257.30  | 1222.46  | 1265.73  | 1248.50    | 1.84    | ppb   |
| Molybdenum | 95-1  | 1255.91  | 1220.61  | 1259.59  | 1245.37    | 1.73    | ppb   |
| Molybdenum | 96-1  | 1252.91  | 1223.52  | 1259.34  | 1245.26    | 1.53    | ppb   |
| Molybdenum | 97-1  | 1260.87  | 1237.10  | 1264.12  | 1254.03    | 1.18    | ppb   |
| Molybdenum | 98-1  | 1262.48  | 1237.59  | 1272.35  | 1257.47    | 1.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 256.45   | 273.24   | 258.82   | 262.84     | 3.46    | ppb   |
| Phosphorus | 31-2  | 5158.03  | 5219.07  | 5086.66  | 5154.59    | 1.29    | ppb   |
| Potassium  | 39-2  | 12528.13 | 13057.54 | 12634.12 | 12739.93   | 2.20    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 263.85   | 258.35   | 266.30   | 262.83     | 1.55    | ppb   |
| Selenium   | 78-2  | 259.36   | 306.48   | 249.73   | 271.86     | 11.17   | ppb   |
| Selenium   | 82-1  | 257.13   | 253.28   | 264.71   | 258.37     | 2.25    | ppb   |
| Silicon    | 28-1  | 392.98   | 113.75   | 500.55   | 335.76     | 59.46   | ppb   |
| Silver     | 109-1 | 263.87   | 257.91   | 267.06   | 262.95     | 1.77    | ppb   |
| Silver     | 107-1 | 262.89   | 254.60   | 265.78   | 261.09     | 2.22    | ppb   |
| Sodium     | 23-2  | 25653.16 | 26811.43 | 25683.24 | 26049.28   | 2.53    | ppb   |
| Strontium  | 86-1  | 252.89   | 247.15   | 255.70   | 251.91     | 1.73    | ppb   |
| Strontium  | 88-1  | 253.24   | 247.04   | 253.40   | 251.23     | 1.44    | ppb   |
| Sulfur     | 34-1  | 5085.89  | 4076.43  | 5452.68  | 4871.67    | 14.63   | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 244.98   | 243.40   | 251.62   | 246.67     | 1.77    | ppb   |
| Thallium   | 205-1 | 249.30   | 248.73   | 253.95   | 250.66     | 1.14    | ppb   |
| Tin        | 118-1 | 257.22   | 248.59   | 261.30   | 255.70     | 2.54    | ppb   |
| Titanium   | 47-1  | 1269.91  | 1220.31  | 1278.61  | 1256.28    | 2.50    | ppb   |
| Uranium    | 238-1 | 248.88   | 245.71   | 252.77   | 249.12     | 1.42    | ppb   |
| Vanadium   | 51-2  | 251.03   | 261.56   | 249.79   | 254.13     | 2.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 514.53   | 542.42   | 521.23   | 526.06     | 2.77    | ppb   |
| Zirconium  | 90-1  | 254.34   | 246.51   | 255.69   | 252.18     | 1.97    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 252.58  | 246.40  | 255.43  | 251.47     | 1.84    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S06                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:00:02 | DataFile Name :   | 009CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9893.41  | 10021.90 | 9704.98  | 9873.43    | 1.61    | ppb   |
| Antimony   | 121-1 | 498.42   | 506.31   | 519.13   | 507.95     | 2.06    | ppb   |
| Arsenic    | 75-2  | 503.74   | 507.19   | 492.97   | 501.30     | 1.48    | ppb   |
| Barium     | 135-1 | 2482.09  | 2516.63  | 2572.83  | 2523.85    | 1.81    | ppb   |
| Barium     | 137-1 | 2477.14  | 2510.74  | 2569.00  | 2518.96    | 1.85    | ppb   |
| Beryllium  | 9-1   | 502.91   | 508.91   | 522.55   | 511.46     | 1.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 485.39   | 504.78   | 520.68   | 503.62     | 3.51    | ppb   |
| Boron      | 11-1  | 485.22   | 498.97   | 518.74   | 500.98     | 3.36    | ppb   |
| Cadmium    | 111-1 | 506.93   | 513.75   | 524.17   | 514.95     | 1.69    | ppb   |
| Cadmium    | 106-1 | 514.81   | 508.03   | 515.04   | 512.63     | 0.78    | ppb   |
| Cadmium    | 108-1 | 509.25   | 497.38   | 517.32   | 507.98     | 1.97    | ppb   |
| Calcium    | 43-1  | 48032.49 | 48690.02 | 49710.61 | 48811.04   | 1.73    | ppb   |
| Calcium    | 44-1  | 48242.74 | 48479.58 | 50345.50 | 49022.60   | 2.35    | ppb   |
| Chromium   | 52-2  | 500.83   | 508.85   | 485.91   | 498.53     | 2.34    | ppb   |
| Cobalt     | 59-2  | 499.87   | 511.00   | 488.88   | 499.91     | 2.21    | ppb   |
| Copper     | 63-2  | 1002.45  | 1020.90  | 979.37   | 1000.91    | 2.08    | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 26011.97 | 26505.81 | 25301.26 | 25939.68   | 2.33    | ppb   |
| Iron       | 57-2  | 25948.96 | 26524.37 | 25322.03 | 25931.79   | 2.32    | ppb   |
| Lead       | 206-1 | 491.12   | 492.86   | 510.93   | 498.30     | 2.20    | ppb   |
| Lead       | 207-1 | 489.91   | 490.75   | 508.86   | 496.51     | 2.16    | ppb   |
| Lead       | 208-1 | 490.50   | 492.20   | 509.77   | 497.49     | 2.14    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 51117.98 | 51945.87 | 49908.09 | 50990.65   | 2.01    | ppb   |
| Manganese  | 55-2  | 992.57   | 1012.72  | 970.63   | 991.97     | 2.12    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S06                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:00:02 | DataFile Name :   | 009CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2474.51  | 2515.08  | 2570.29  | 2519.96    | 1.91    | ppb   |
| Molybdenum | 95-1  | 2465.16  | 2501.90  | 2562.17  | 2509.75    | 1.95    | ppb   |
| Molybdenum | 96-1  | 2470.87  | 2494.75  | 2559.86  | 2508.49    | 1.84    | ppb   |
| Molybdenum | 97-1  | 2482.30  | 2513.47  | 2567.25  | 2521.01    | 1.70    | ppb   |
| Molybdenum | 98-1  | 2473.18  | 2506.37  | 2552.07  | 2510.54    | 1.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 505.76   | 513.88   | 495.12   | 504.92     | 1.86    | ppb   |
| Phosphorus | 31-2  | 9861.28  | 10329.89 | 9885.78  | 10025.65   | 2.63    | ppb   |
| Potassium  | 39-2  | 24833.64 | 25257.14 | 24231.93 | 24774.24   | 2.08    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 478.27   | 546.13   | 536.04   | 520.15     | 7.04    | ppb   |
| Selenium   | 78-2  | 509.92   | 501.91   | 511.54   | 507.79     | 1.02    | ppb   |
| Selenium   | 82-1  | 501.76   | 514.08   | 526.31   | 514.05     | 2.39    | ppb   |
| Silicon    | 28-1  | 486.84   | 467.42   | 698.11   | 550.79     | 23.23   | ppb   |
| Silver     | 109-1 | 510.35   | 513.67   | 522.21   | 515.41     | 1.19    | ppb   |
| Silver     | 107-1 | 508.76   | 513.11   | 522.23   | 514.70     | 1.34    | ppb   |
| Sodium     | 23-2  | 50785.60 | 51456.14 | 49369.75 | 50537.17   | 2.11    | ppb   |
| Strontium  | 86-1  | 490.00   | 501.07   | 509.06   | 500.04     | 1.91    | ppb   |
| Strontium  | 88-1  | 491.76   | 498.46   | 512.17   | 500.80     | 2.08    | ppb   |
| Sulfur     | 34-1  | 9637.66  | 10037.75 | 10841.64 | 10172.35   | 6.03    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 492.89   | 491.48   | 511.70   | 498.69     | 2.26    | ppb   |
| Thallium   | 205-1 | 491.77   | 493.08   | 512.07   | 498.97     | 2.28    | ppb   |
| Tin        | 118-1 | 500.03   | 499.76   | 513.83   | 504.54     | 1.59    | ppb   |
| Titanium   | 47-1  | 2482.43  | 2484.29  | 2564.35  | 2510.35    | 1.86    | ppb   |
| Uranium    | 238-1 | 486.78   | 488.43   | 499.95   | 491.72     | 1.46    | ppb   |
| Vanadium   | 51-2  | 495.87   | 502.91   | 485.01   | 494.60     | 1.82    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 1005.06  | 1027.72  | 978.75   | 1003.85    | 2.44    | ppb   |
| Zirconium  | 90-1  | 499.18   | 501.33   | 511.47   | 503.99     | 1.30    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S06                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:00:02 | DataFile Name :   | 009CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.17  | 499.47  | 513.24  | 501.62     | 2.13    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S07                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:03:46 | DataFile Name :   | 010CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19813.73  | 19778.58  | 19779.17  | 19790.50   | 0.10    | ppb   |
| Antimony   | 121-1 | 974.34    | 1006.95   | 1001.92   | 994.40     | 1.77    | ppb   |
| Arsenic    | 75-2  | 997.08    | 1007.20   | 987.03    | 997.10     | 1.01    | ppb   |
| Barium     | 135-1 | 4880.25   | 5054.50   | 5013.30   | 4982.68    | 1.83    | ppb   |
| Barium     | 137-1 | 4902.99   | 5048.21   | 5004.45   | 4985.22    | 1.49    | ppb   |
| Beryllium  | 9-1   | 976.04    | 1002.31   | 997.98    | 992.11     | 1.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 966.51    | 1009.30   | 1018.44   | 998.08     | 2.78    | ppb   |
| Boron      | 11-1  | 967.23    | 1011.41   | 1019.01   | 999.22     | 2.80    | ppb   |
| Cadmium    | 111-1 | 970.79    | 1000.96   | 992.95    | 988.23     | 1.58    | ppb   |
| Cadmium    | 106-1 | 973.61    | 994.91    | 1005.63   | 991.38     | 1.64    | ppb   |
| Cadmium    | 108-1 | 970.51    | 1007.42   | 993.84    | 990.59     | 1.88    | ppb   |
| Calcium    | 43-1  | 93506.44  | 96582.57  | 96323.55  | 95470.86   | 1.79    | ppb   |
| Calcium    | 44-1  | 94328.86  | 97675.58  | 97200.43  | 96401.62   | 1.88    | ppb   |
| Chromium   | 52-2  | 998.40    | 996.36    | 1000.86   | 998.54     | 0.23    | ppb   |
| Cobalt     | 59-2  | 993.76    | 999.15    | 997.45    | 996.79     | 0.28    | ppb   |
| Copper     | 63-2  | 1983.06   | 1992.25   | 2000.04   | 1991.79    | 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 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 51922.68  | 51804.01  | 51877.19  | 51867.96   | 0.12    | ppb   |
| Iron       | 57-2  | 51522.18  | 51666.25  | 51872.21  | 51686.88   | 0.34    | ppb   |
| Lead       | 206-1 | 985.78    | 1008.21   | 1009.50   | 1001.16    | 1.33    | ppb   |
| Lead       | 207-1 | 988.75    | 1004.46   | 1014.10   | 1002.44    | 1.28    | ppb   |
| Lead       | 208-1 | 988.43    | 1008.05   | 1010.38   | 1002.29    | 1.20    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 101365.73 | 101542.85 | 102560.88 | 101823.15  | 0.63    | ppb   |
| Manganese  | 55-2  | 1995.79   | 2000.46   | 2001.91   | 1999.39    | 0.16    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S07                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:03:46 | DataFile Name :   | 010CAL5_P7112217- M5 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 4911.99   | 5034.80   | 5020.21   | 4989.00    | 1.34    | ppb   |
| Molybdenum | 95-1  | 4925.11   | 5051.06   | 5010.70   | 4995.62    | 1.29    | ppb   |
| Molybdenum | 96-1  | 4935.09   | 5038.39   | 5015.59   | 4996.36    | 1.09    | ppb   |
| Molybdenum | 97-1  | 4936.85   | 5009.27   | 5013.71   | 4986.61    | 0.87    | ppb   |
| Molybdenum | 98-1  | 4933.57   | 5023.32   | 5018.60   | 4991.83    | 1.01    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 990.56    | 993.67    | 995.54    | 993.26     | 0.25    | ppb   |
| Phosphorus | 31-2  | 19560.60  | 20113.21  | 20158.05  | 19943.95   | 1.67    | ppb   |
| Potassium  | 39-2  | 50261.05  | 50036.69  | 50554.62  | 50284.12   | 0.52    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 1008.71   | 976.67    | 975.12    | 986.83     | 1.92    | ppb   |
| Selenium   | 78-2  | 993.08    | 993.38    | 983.11    | 989.86     | 0.59    | ppb   |
| Selenium   | 82-1  | 975.27    | 999.71    | 994.14    | 989.71     | 1.29    | ppb   |
| Silicon    | 28-1  | 705.04    | 1078.60   | 993.65    | 925.76     | 21.15   | ppb   |
| Silver     | 109-1 | 971.05    | 999.04    | 992.58    | 987.56     | 1.48    | ppb   |
| Silver     | 107-1 | 972.33    | 998.31    | 994.47    | 988.37     | 1.42    | ppb   |
| Sodium     | 23-2  | 101555.14 | 101626.74 | 102314.10 | 101832.00  | 0.41    | ppb   |
| Strontium  | 86-1  | 981.61    | 1008.94   | 1006.55   | 999.03     | 1.52    | ppb   |
| Strontium  | 88-1  | 981.57    | 1007.73   | 1008.05   | 999.12     | 1.52    | ppb   |
| Sulfur     | 34-1  | 18931.00  | 20654.78  | 20216.16  | 19933.98   | 4.49    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 985.35    | 1011.20   | 1008.29   | 1001.61    | 1.41    | ppb   |
| Thallium   | 205-1 | 985.85    | 1007.35   | 1007.79   | 1000.33    | 1.25    | ppb   |
| Tin        | 118-1 | 975.83    | 1009.26   | 1001.21   | 995.43     | 1.75    | ppb   |
| Titanium   | 47-1  | 4913.94   | 5032.56   | 5029.00   | 4991.83    | 1.35    | ppb   |
| Uranium    | 238-1 | 992.53    | 1009.70   | 1011.37   | 1004.53    | 1.04    | ppb   |
| Vanadium   | 51-2  | 998.30    | 998.76    | 1007.09   | 1001.38    | 0.49    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 1978.01   | 1997.56   | 1993.87   | 1989.81    | 0.52    | ppb   |
| Zirconium  | 90-1  | 981.97    | 1007.29   | 1002.16   | 997.14     | 1.34    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S07                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:03:46 | DataFile Name :   | 010CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 981.01  | 1007.96 | 1006.51 | 998.49     | 1.52    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CALS_P7112217- MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99602.27  | 101365.96 | 99176.26  | 100048.17  | 1.16    | ppb   |
| Antimony   | 121-1 | 2.96      | 3.10      | 2.89      | 2.98       | 3.55    | ppb   |
| Arsenic    | 75-2  | 0.59      | 0.40      | 0.32      | 0.44       | 31.16   | ppb   |
| Barium     | 135-1 | 1.52      | 1.66      | 1.40      | 1.53       | 8.30    | ppb   |
| Barium     | 137-1 | 1.50      | 1.56      | 1.42      | 1.49       | 4.75    | ppb   |
| Beryllium  | 9-1   | 0.54      | 0.53      | 0.53      | 0.53       | 0.59    | ppb   |
| Bismuth    | 209-1 |           |           |           | 86         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 18.56     | 15.56     | 14.96     | 16.36      | 11.81   | ppb   |
| Boron      | 11-1  | 18.76     | 16.66     | 14.14     | 16.52      | 13.99   | ppb   |
| Cadmium    | 111-1 | 0.32      | 0.10      | 0.02      | 0.15       | 103.78  | ppb   |
| Cadmium    | 106-1 | 2.29      | -0.21     | -1.02     | 0.35       | 488.81  | ppb   |
| Cadmium    | 108-1 | 0.39      | 0.16      | 0.06      | 0.20       | 84.28   | ppb   |
| Calcium    | 43-1  | 511402.72 | 495788.99 | 495997.90 | 501063.20  | 1.79    | ppb   |
| Calcium    | 44-1  | 512330.83 | 494349.81 | 495835.21 | 500838.62  | 1.99    | ppb   |
| Chromium   | 52-2  | 12.32     | 12.82     | 12.29     | 12.48      | 2.38    | ppb   |
| Cobalt     | 59-2  | 1.15      | 1.12      | 1.18      | 1.15       | 2.59    | ppb   |
| Copper     | 63-2  | 2.97      | 3.08      | 2.86      | 2.97       | 3.83    | 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 |           |           |           | 96         |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 88         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 249283.21 | 252476.35 | 246673.16 | 249477.57  | 1.17    | ppb   |
| Iron       | 57-2  | 248522.04 | 251939.95 | 248088.56 | 249516.85  | 0.85    | ppb   |
| Lead       | 206-1 | 1.84      | 1.89      | 1.79      | 1.84       | 2.68    | ppb   |
| Lead       | 207-1 | 1.82      | 1.80      | 1.63      | 1.75       | 5.90    | ppb   |
| Lead       | 208-1 | 1.84      | 1.80      | 1.73      | 1.79       | 3.30    | ppb   |
| Lithium    | 6-1   |           |           |           | 90         |         | %     |
| Magnesium  | 24-2  | 497738.99 | 505488.51 | 495133.56 | 499453.69  | 1.08    | ppb   |
| Manganese  | 55-2  | 5.89      | 5.67      | 5.29      | 5.62       | 5.36    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CAL5_P7112217- MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.82      | 2.91      | 2.83      | 2.85       | 1.69    | ppb   |
| Molybdenum | 95-1  | 3.96      | 3.81      | 3.82      | 3.86       | 2.10    | ppb   |
| Molybdenum | 96-1  | 3.69      | 3.39      | 3.59      | 3.56       | 4.37    | ppb   |
| Molybdenum | 97-1  | 3.91      | 3.53      | 3.50      | 3.64       | 6.32    | ppb   |
| Molybdenum | 98-1  | 3.83      | 3.55      | 3.44      | 3.61       | 5.51    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 10.05     | 10.15     | 10.01     | 10.07      | 0.72    | ppb   |
| Phosphorus | 31-2  | 13.11     | 7.40      | 5.95      | 8.82       | 42.92   | ppb   |
| Potassium  | 39-2  | 248797.89 | 252869.65 | 248186.49 | 249951.35  | 1.02    | ppb   |
| Rhodium    | 103-1 |           |           |           | 83         |         | %     |
| Rhodium    | 103-2 |           |           |           | 82         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.10     | 0.47      | -0.41     | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.81      | 0.70      | -0.12     | 0.46       | 110.47  | ppb   |
| Silicon    | 28-1  | 758.69    | 469.43    | 518.40    | 582.17     | 26.59   | ppb   |
| Silver     | 109-1 | 0.13      | 0.11      | 0.11      | 0.12       | 10.07   | ppb   |
| Silver     | 107-1 | 0.10      | 0.11      | 0.11      | 0.11       | 7.69    | ppb   |
| Sodium     | 23-2  | 497502.02 | 505211.74 | 495822.15 | 499511.97  | 1.00    | ppb   |
| Strontium  | 86-1  | 35.09     | 35.80     | 34.54     | 35.15      | 1.79    | ppb   |
| Strontium  | 88-1  | 35.50     | 34.79     | 34.50     | 34.93      | 1.47    | ppb   |
| Sulfur     | 34-1  | 260.83    | -485.43   | -394.98   | -206.53    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 96         |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.24      | 0.28      | 0.24      | 0.25       | 8.43    | ppb   |
| Thallium   | 205-1 | 0.32      | 0.27      | 0.26      | 0.28       | 10.62   | ppb   |
| Tin        | 118-1 | 1.37      | 1.38      | 1.20      | 1.32       | 7.82    | ppb   |
| Titanium   | 47-1  | 1.13      | 0.97      | 1.24      | 1.12       | 12.19   | ppb   |
| Uranium    | 238-1 | 0.08      | 0.08      | 0.07      | 0.08       | 8.45    | ppb   |
| Vanadium   | 51-2  | 0.15      | 0.19      | 0.19      | 0.18       | 11.71   | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 6.84      | 6.92      | 5.86      | 6.54       | 8.97    | ppb   |
| Zirconium  | 90-1  | 0.15      | 0.16      | 0.16      | 0.15       | 4.44    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CALS_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.21    | 0.21    | 0.18       | 32.01   | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.E |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 500.60  | 496.66  | 505.74  | 501.00     | 0.91    | ppb   |
| Antimony   | 121-1 | 198.89  | 200.74  | 197.56  | 199.06     | 0.80    | ppb   |
| Arsenic    | 75-2  | 201.50  | 200.56  | 201.22  | 201.09     | 0.24    | ppb   |
| Barium     | 135-1 | 101.71  | 101.37  | 99.11   | 100.73     | 1.40    | ppb   |
| Barium     | 137-1 | 101.77  | 101.11  | 98.50   | 100.46     | 1.72    | ppb   |
| Beryllium  | 9-1   | 101.41  | 101.21  | 100.84  | 101.15     | 0.28    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 481.64  | 494.41  | 499.04  | 491.70     | 1.83    | ppb   |
| Boron      | 11-1  | 476.68  | 496.43  | 499.99  | 491.03     | 2.56    | ppb   |
| Cadmium    | 111-1 | 111.13  | 110.64  | 108.95  | 110.24     | 1.04    | ppb   |
| Cadmium    | 106-1 | 213.75  | 215.42  | 208.56  | 212.58     | 1.68    | ppb   |
| Cadmium    | 108-1 | 159.80  | 161.79  | 156.09  | 159.23     | 1.82    | ppb   |
| Calcium    | 43-1  | 2039.00 | 2081.90 | 2105.68 | 2075.52    | 1.63    | ppb   |
| Calcium    | 44-1  | 2013.06 | 2037.93 | 1981.32 | 2010.77    | 1.41    | ppb   |
| Chromium   | 52-2  | 98.81   | 98.43   | 99.37   | 98.87      | 0.48    | ppb   |
| Cobalt     | 59-2  | 102.39  | 101.93  | 102.49  | 102.27     | 0.30    | ppb   |
| Copper     | 63-2  | 102.87  | 102.54  | 102.83  | 102.75     | 0.18    | 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 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 1058.49 | 1048.98 | 1061.48 | 1056.32    | 0.62    | ppb   |
| Iron       | 57-2  | 1048.14 | 1053.91 | 1027.18 | 1043.08    | 1.35    | ppb   |
| Lead       | 206-1 | 200.19  | 199.94  | 198.85  | 199.66     | 0.36    | ppb   |
| Lead       | 207-1 | 193.35  | 192.57  | 191.29  | 192.40     | 0.54    | ppb   |
| Lead       | 208-1 | 195.75  | 195.51  | 194.08  | 195.11     | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1186.19 | 1203.67 | 1217.67 | 1202.51    | 1.31    | ppb   |
| Manganese  | 55-2  | 99.23   | 98.71   | 99.85   | 99.26      | 0.57    | ppb   |



|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.E |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1123.35  | 1126.72  | 1111.34  | 1120.47    | 0.72    | ppb   |
| Molybdenum | 95-1  | 496.76   | 497.10   | 490.35   | 494.74     | 0.77    | ppb   |
| Molybdenum | 96-1  | 571.57   | 572.21   | 562.36   | 568.72     | 0.97    | ppb   |
| Molybdenum | 97-1  | 496.46   | 498.71   | 492.40   | 495.86     | 0.65    | ppb   |
| Molybdenum | 98-1  | 492.60   | 495.54   | 491.16   | 493.10     | 0.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 105.14   | 104.41   | 105.26   | 104.94     | 0.44    | ppb   |
| Phosphorus | 31-2  | -6.86    | 11.49    | -0.79    | 1.28       | 730.34  | ppb   |
| Potassium  | 39-2  | 2014.89  | 1981.81  | 2017.88  | 2004.86    | 1.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 192.57   | 206.21   | 232.53   | 210.43     | 9.65    | ppb   |
| Selenium   | 78-2  | 209.37   | 198.55   | 202.81   | 203.58     | 2.68    | ppb   |
| Selenium   | 82-1  | 202.70   | 210.17   | 205.97   | 206.28     | 1.82    | ppb   |
| Silicon    | 28-1  | 695.30   | 637.03   | 560.68   | 631.00     | 10.70   | ppb   |
| Silver     | 109-1 | 105.99   | 106.32   | 103.42   | 105.24     | 1.51    | ppb   |
| Silver     | 107-1 | 106.63   | 106.34   | 105.03   | 106.00     | 0.80    | ppb   |
| Sodium     | 23-2  | 2033.35  | 2033.09  | 2034.24  | 2033.56    | 0.03    | ppb   |
| Strontium  | 86-1  | 496.08   | 500.53   | 494.99   | 497.20     | 0.59    | ppb   |
| Strontium  | 88-1  | 500.80   | 498.39   | 495.20   | 498.13     | 0.56    | ppb   |
| Sulfur     | 34-1  | -1160.91 | -1039.30 | -1360.73 | -1186.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 199.49   | 201.26   | 198.80   | 199.85     | 0.63    | ppb   |
| Thallium   | 205-1 | 203.30   | 203.26   | 201.76   | 202.77     | 0.43    | ppb   |
| Tin        | 118-1 | 521.69   | 523.23   | 507.87   | 517.60     | 1.63    | ppb   |
| Titanium   | 47-1  | 508.30   | 507.11   | 499.37   | 504.93     | 0.96    | ppb   |
| Uranium    | 238-1 | 513.44   | 515.07   | 507.60   | 512.04     | 0.77    | ppb   |
| Vanadium   | 51-2  | 97.96    | 98.64    | 99.70    | 98.77      | 0.89    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 209.19   | 206.36   | 206.23   | 207.26     | 0.81    | ppb   |
| Zirconium  | 90-1  | 499.88   | 500.58   | 495.10   | 498.52     | 0.60    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.L |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 493.43  | 496.75  | 490.69  | 493.62     | 0.61    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 16:51:56 | DataFile Name :   | 013CCBE_P7112217- M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.91    | 0.56    | 0.09    | 0.52       | 78.59   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.12    | 0.14    | 0.13       | 8.22    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.06    | 0.00    | 0.03       | 92.76   | ppb   |
| Barium     | 135-1 | 0.06    | 0.01    | 0.04    | 0.04       | 68.87   | ppb   |
| Barium     | 137-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.81    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.06    | 0.06    | 0.06       | 11.68   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 1.59    | 1.36    | 1.82    | 1.59       | 14.52   | ppb   |
| Boron      | 11-1  | 1.65    | 1.63    | 1.57    | 1.62       | 2.49    | ppb   |
| Cadmium    | 111-1 | -0.26   | -0.23   | -0.16   | -0.22      |         | ppb   |
| Cadmium    | 106-1 | -3.22   | -2.77   | -1.98   | -2.65      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.09    | 0.03       | 190.81  | ppb   |
| Calcium    | 43-1  | -3.27   | -1.36   | 1.54    | -1.03      |         | ppb   |
| Calcium    | 44-1  | -20.67  | -32.27  | -36.40  | -29.78     |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.09   | -0.10   | -0.14   | -0.11      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 1.17    | 1.17    | 1.16    | 1.17       | 0.46    | ppb   |
| Iron       | 57-2  | 1.35    | 0.54    | 1.36    | 1.08       | 43.53   | ppb   |
| Lead       | 206-1 | 0.03    | -0.01   | 0.01    | 0.01       | 177.12  | ppb   |
| Lead       | 207-1 | 0.02    | 0.01    | 0.02    | 0.02       | 52.56   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.02    | 0.01       | 45.40   | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | -3.70   | -4.45   | -4.71   | -4.29      |         | ppb   |
| Manganese  | 55-2  | 0.07    | 0.05    | 0.08    | 0.07       | 17.47   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:51:56 | DataFile Name :   | 013CCBE_P7112217- M8 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.06    | 0.08    | 0.07       | 18.89   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.05    | 0.05    | 0.05       | 7.09    | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.05    | 0.09    | 0.07       | 27.29   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.06    | 0.03    | 0.06       | 41.80   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.06    | 0.05    | 0.05       | 20.14   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.06   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 13.52   | -22.75  | -8.69   | -5.97      |         | ppb   |
| Potassium  | 39-2  | 7.43    | 5.86    | 13.39   | 8.89       | 44.65   | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.13   | -1.32   | 0.81    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.22    | -0.22   | 0.84    | 0.28       | 190.32  | ppb   |
| Silicon    | 28-1  | 427.63  | 372.15  | 410.45  | 403.41     | 7.04    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.77   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.02    | 0.01       | 75.94   | ppb   |
| Sodium     | 23-2  | 16.23   | 17.32   | 17.15   | 16.90      | 3.46    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.05   | 0.04    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.00    | 0.00       | 44.35   | ppb   |
| Sulfur     | 34-1  | -558.95 | -674.35 | -798.93 | -677.41    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.05    | 0.07    | 0.04    | 0.05       | 30.39   | ppb   |
| Titanium   | 47-1  | 0.05    | -0.03   | -0.05   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 4067.69 | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.00       | 91.14   | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |
| Zinc       | 66-2  | 0.28    | 0.18    | -0.07   | 0.13       | 137.86  | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 31.27   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:51:56 | DataFile Name :   | 013CCBE_P7112217- M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 117.11  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 91775.60  | 92134.66  | 91784.60  | 91898.29   | 0.22    | ppb   |
| Antimony   | 121-1 | 1.37      | 1.29      | 1.35      | 1.33       | 3.23    | ppb   |
| Arsenic    | 75-2  | 0.46      | 0.35      | 0.18      | 0.33       | 43.67   | ppb   |
| Barium     | 135-1 | 1.52      | 1.52      | 1.64      | 1.56       | 4.57    | ppb   |
| Barium     | 137-1 | 1.40      | 1.40      | 1.54      | 1.45       | 5.45    | ppb   |
| Beryllium  | 9-1   | 0.30      | 0.30      | 0.30      | 0.30       | 0.52    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 2.32      | 2.06      | 2.51      | 2.30       | 9.77    | ppb   |
| Boron      | 11-1  | 2.67      | 2.57      | 2.69      | 2.64       | 2.44    | ppb   |
| Cadmium    | 111-1 | 0.67      | 0.74      | 0.54      | 0.65       | 15.54   | ppb   |
| Cadmium    | 106-1 | -3.22     | -5.14     | -2.42     | -3.59      |         | ppb   |
| Cadmium    | 108-1 | 24.37     | 20.90     | 22.44     | 22.57      | 7.71    | ppb   |
| Calcium    | 43-1  | 93846.88  | 94346.80  | 94048.07  | 94080.59   | 0.27    | ppb   |
| Calcium    | 44-1  | 93870.39  | 94706.04  | 94006.10  | 94194.18   | 0.48    | ppb   |
| Chromium   | 52-2  | 18.89     | 19.87     | 19.86     | 19.54      | 2.87    | ppb   |
| Cobalt     | 59-2  | 1.11      | 1.01      | 1.16      | 1.09       | 6.99    | ppb   |
| Copper     | 63-2  | 7.94      | 7.72      | 8.05      | 7.90       | 2.17    | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 100467.60 | 100233.01 | 100543.81 | 100414.81  | 0.16    | ppb   |
| Iron       | 57-2  | 99880.87  | 99795.40  | 100124.13 | 99933.47   | 0.17    | ppb   |
| Lead       | 206-1 | 5.72      | 5.66      | 5.52      | 5.63       | 1.84    | ppb   |
| Lead       | 207-1 | 5.11      | 4.99      | 4.96      | 5.02       | 1.60    | ppb   |
| Lead       | 208-1 | 5.36      | 5.24      | 5.13      | 5.24       | 2.19    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 97843.25  | 98077.05  | 97965.60  | 97961.97   | 0.12    | ppb   |
| Manganese  | 55-2  | 7.64      | 7.52      | 7.70      | 7.62       | 1.20    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1314.58   | 1307.18   | 1306.02  | 1309.26    | 0.35    | ppb   |
| Molybdenum | 95-1  | 1904.08   | 1907.19   | 1902.82  | 1904.70    | 0.12    | ppb   |
| Molybdenum | 96-1  | 1833.14   | 1824.35   | 1827.03  | 1828.18    | 0.25    | ppb   |
| Molybdenum | 97-1  | 1924.46   | 1916.19   | 1913.09  | 1917.92    | 0.31    | ppb   |
| Molybdenum | 98-1  | 1920.56   | 1916.37   | 1925.82  | 1920.92    | 0.25    | ppb   |
| Neodymium  | 150-1 |           |           |          |            |         | cps   |
| Neodymium  | 150-2 |           |           |          |            |         | cps   |
| Nickel     | 60-2  | 4.82      | 5.24      | 5.14     | 5.07       | 4.35    | ppb   |
| Phosphorus | 31-2  | 96154.73  | 96639.63  | 95704.99 | 96166.45   | 0.49    | ppb   |
| Potassium  | 39-2  | 97653.15  | 97014.72  | 97153.34 | 97273.74   | 0.35    | ppb   |
| Rhodium    | 103-1 |           |           |          | 96         |         | %     |
| Rhodium    | 103-2 |           |           |          | 95         |         | %     |
| Scandium   | 45-1  |           |           |          | 100        |         | %     |
| Scandium   | 45-2  |           |           |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.77     | -0.51     | -0.25    | -0.51      |         | ppb   |
| Selenium   | 82-1  | -0.08     | 0.80      | -0.35    | 0.12       | 496.84  | ppb   |
| Silicon    | 28-1  | 378.16    | 519.85    | 513.25   | 470.42     | 17.00   | ppb   |
| Silver     | 109-1 | 0.09      | 0.10      | 0.11     | 0.10       | 6.21    | ppb   |
| Silver     | 107-1 | 0.08      | 0.11      | 0.08     | 0.09       | 14.69   | ppb   |
| Sodium     | 23-2  | 98622.24  | 99102.81  | 99408.26 | 99044.44   | 0.40    | ppb   |
| Strontium  | 86-1  | 34.04     | 32.61     | 33.00    | 33.21      | 2.22    | ppb   |
| Strontium  | 88-1  | 33.27     | 32.87     | 32.87    | 33.01      | 0.70    | ppb   |
| Sulfur     | 34-1  | 100142.73 | 100131.84 | 99765.14 | 100013.24  | 0.21    | ppb   |
| Terbium    | 159-1 |           |           |          | 106        |         | %     |
| Terbium    | 159-2 |           |           |          | 102        |         | %     |
| Thallium   | 203-1 | 0.19      | 0.20      | 0.17     | 0.19       | 7.11    | ppb   |
| Thallium   | 205-1 | 0.22      | 0.21      | 0.20     | 0.21       | 5.85    | ppb   |
| Tin        | 118-1 | 0.24      | 0.21      | 0.24     | 0.23       | 7.48    | ppb   |
| Titanium   | 47-1  | 2020.00   | 2024.84   | 2017.00  | 2020.61    | 0.20    | ppb   |
| Uranium    | 238-1 | 0.01      | 0.01      | 0.01     | 0.01       | 10.79   | ppb   |
| Vanadium   | 51-2  | 0.16      | 0.17      | 0.17     | 0.17       | 4.67    | ppb   |
| Yttrium    | 89-1  |           |           |          | 103        |         | %     |
| Yttrium    | 89-2  |           |           |          | 100        |         | %     |
| Zinc       | 66-2  | 11.73     | 11.92     | 11.74    | 11.80      | 0.93    | ppb   |
| Zirconium  | 90-1  | 0.14      | 0.12      | 0.13     | 0.13       | 7.72    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.14    | 0.15    | 0.16    | 0.15       | 6.14    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:59:00 | DataFile Name :   | 015ICSB_P7112217- MS |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90417.34 | 91563.52  | 90394.56 | 90791.81   | 0.74    | ppb   |
| Antimony   | 121-1 | 20.72    | 21.09     | 20.72    | 20.84      | 1.03    | ppb   |
| Arsenic    | 75-2  | 19.36    | 18.63     | 18.91    | 18.97      | 1.94    | ppb   |
| Barium     | 135-1 | 20.92    | 21.01     | 20.86    | 20.93      | 0.35    | ppb   |
| Barium     | 137-1 | 21.20    | 21.11     | 20.50    | 20.94      | 1.83    | ppb   |
| Beryllium  | 9-1   | 19.34    | 19.76     | 19.19    | 19.43      | 1.52    | ppb   |
| Bismuth    | 209-1 |          |           |          | 100        |         | %     |
| Bismuth    | 209-2 |          |           |          | 96         |         | %     |
| Boron      | 10-1  | 49.22    | 51.76     | 50.66    | 50.55      | 2.52    | ppb   |
| Boron      | 11-1  | 51.33    | 51.38     | 52.05    | 51.59      | 0.78    | ppb   |
| Cadmium    | 111-1 | 19.85    | 20.57     | 19.67    | 20.03      | 2.38    | ppb   |
| Cadmium    | 106-1 | 23.67    | 24.03     | 22.95    | 23.55      | 2.33    | ppb   |
| Cadmium    | 108-1 | 46.02    | 43.46     | 41.44    | 43.64      | 5.26    | ppb   |
| Calcium    | 43-1  | 92077.02 | 93171.25  | 91686.88 | 92311.72   | 0.83    | ppb   |
| Calcium    | 44-1  | 93076.67 | 93944.12  | 92833.04 | 93284.61   | 0.63    | ppb   |
| Chromium   | 52-2  | 38.61    | 38.69     | 38.68    | 38.66      | 0.11    | ppb   |
| Cobalt     | 59-2  | 20.32    | 20.79     | 20.76    | 20.62      | 1.27    | ppb   |
| Copper     | 63-2  | 26.98    | 27.30     | 27.60    | 27.29      | 1.15    | ppb   |
| Dysprosium | 156-1 |          |           |          |            |         | cps   |
| Dysprosium | 156-2 |          |           |          |            |         | cps   |
| Erbium     | 164-1 |          |           |          |            |         | cps   |
| Erbium     | 164-2 |          |           |          |            |         | cps   |
| Gadolinium | 160-1 |          |           |          |            |         | cps   |
| Gadolinium | 160-2 |          |           |          |            |         | cps   |
| Holmium    | 165-1 |          |           |          | 107        |         | %     |
| Holmium    | 165-2 |          |           |          | 103        |         | %     |
| Indium     | 115-1 |          |           |          | 102        |         | %     |
| Indium     | 115-2 |          |           |          | 100        |         | %     |
| Iron       | 56-2  | 98351.40 | 100220.27 | 98768.36 | 99113.34   | 0.99    | ppb   |
| Iron       | 57-2  | 98346.36 | 99653.71  | 98639.57 | 98879.88   | 0.69    | ppb   |
| Lead       | 206-1 | 25.15    | 25.03     | 24.63    | 24.94      | 1.08    | ppb   |
| Lead       | 207-1 | 22.94    | 23.18     | 22.63    | 22.91      | 1.20    | ppb   |
| Lead       | 208-1 | 23.65    | 23.78     | 23.27    | 23.57      | 1.13    | ppb   |
| Lithium    | 6-1   |          |           |          | 105        |         | %     |
| Magnesium  | 24-2  | 96735.03 | 97481.69  | 96676.16 | 96964.30   | 0.46    | ppb   |
| Manganese  | 55-2  | 26.90    | 28.36     | 26.90    | 27.39      | 3.07    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:59:00 | DataFile Name :   | 015ICSB_P7112217- MS |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1388.36  | 1413.15   | 1388.68  | 1396.73    | 1.02    | ppb   |
| Molybdenum | 95-1  | 1909.84  | 1943.55   | 1904.66  | 1919.35    | 1.10    | ppb   |
| Molybdenum | 96-1  | 1842.75  | 1878.40   | 1847.77  | 1856.31    | 1.04    | ppb   |
| Molybdenum | 97-1  | 1916.97  | 1953.00   | 1927.52  | 1932.50    | 0.96    | ppb   |
| Molybdenum | 98-1  | 1927.97  | 1966.24   | 1945.34  | 1946.52    | 0.98    | ppb   |
| Neodymium  | 150-1 |          |           |          |            |         | cps   |
| Neodymium  | 150-2 |          |           |          |            |         | cps   |
| Nickel     | 60-2  | 24.29    | 24.86     | 24.49    | 24.55      | 1.17    | ppb   |
| Phosphorus | 31-2  | 94783.64 | 96221.47  | 94162.19 | 95055.76   | 1.11    | ppb   |
| Potassium  | 39-2  | 95659.04 | 96618.04  | 95944.42 | 96073.83   | 0.51    | ppb   |
| Rhodium    | 103-1 |          |           |          | 98         |         | %     |
| Rhodium    | 103-2 |          |           |          | 96         |         | %     |
| Scandium   | 45-1  |          |           |          | 101        |         | %     |
| Scandium   | 45-2  |          |           |          | 99         |         | %     |
| Selenium   | 77-2  | 26.34    | 10.52     | 11.80    | 16.22      | 54.20   | ppb   |
| Selenium   | 78-2  | 13.70    | 19.25     | 15.08    | 16.01      | 18.05   | ppb   |
| Selenium   | 82-1  | 19.31    | 19.14     | 18.84    | 19.09      | 1.27    | ppb   |
| Silicon    | 28-1  | 671.77   | 889.78    | 746.81   | 769.45     | 14.39   | ppb   |
| Silver     | 109-1 | 18.95    | 18.71     | 18.83    | 18.83      | 0.63    | ppb   |
| Silver     | 107-1 | 18.82    | 19.08     | 18.34    | 18.75      | 2.01    | ppb   |
| Sodium     | 23-2  | 97422.64 | 98953.61  | 97637.59 | 98004.62   | 0.85    | ppb   |
| Strontium  | 86-1  | 80.58    | 83.55     | 82.38    | 82.17      | 1.82    | ppb   |
| Strontium  | 88-1  | 81.08    | 82.31     | 81.06    | 81.48      | 0.88    | ppb   |
| Sulfur     | 34-1  | 97683.31 | 100080.13 | 96798.19 | 98187.21   | 1.73    | ppb   |
| Terbium    | 159-1 |          |           |          | 107        |         | %     |
| Terbium    | 159-2 |          |           |          | 103        |         | %     |
| Thallium   | 203-1 | 19.83    | 19.86     | 19.85    | 19.84      | 0.07    | ppb   |
| Thallium   | 205-1 | 19.94    | 20.08     | 19.97    | 20.00      | 0.38    | ppb   |
| Tin        | 118-1 | 50.51    | 50.28     | 48.61    | 49.80      | 2.07    | ppb   |
| Titanium   | 47-1  | 2024.81  | 2070.92   | 2023.45  | 2039.73    | 1.32    | ppb   |
| Uranium    | 238-1 | 48.59    | 49.47     | 48.18    | 48.74      | 1.35    | ppb   |
| Vanadium   | 51-2  | 19.12    | 19.76     | 19.12    | 19.33      | 1.91    | ppb   |
| Yttrium    | 89-1  |          |           |          | 105        |         | %     |
| Yttrium    | 89-2  |          |           |          | 101        |         | %     |
| Zinc       | 66-2  | 30.30    | 30.82     | 29.71    | 30.28      | 1.83    | ppb   |
| Zirconium  | 90-1  | 49.12    | 49.91     | 49.14    | 49.39      | 0.91    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:59:00 | DataFile Name :   | 015ICSB_P7112217- MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 50.49   | 50.68   | 50.37   | 50.51      | 0.30    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48826.43  | 49068.27  | 48841.12  | 48911.94   | 0.28    | ppb   |
| Antimony   | 121-1 | 497.33    | 493.15    | 496.05    | 495.51     | 0.43    | ppb   |
| Arsenic    | 75-2  | 494.14    | 496.24    | 495.95    | 495.44     | 0.23    | ppb   |
| Barium     | 135-1 | 2536.56   | 2510.46   | 2512.21   | 2519.74    | 0.58    | ppb   |
| Barium     | 137-1 | 2534.49   | 2510.45   | 2501.87   | 2515.60    | 0.67    | ppb   |
| Beryllium  | 9-1   | 497.38    | 491.86    | 495.30    | 494.85     | 0.56    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 490.08    | 486.32    | 497.32    | 491.24     | 1.14    | ppb   |
| Boron      | 11-1  | 490.20    | 495.65    | 501.24    | 495.69     | 1.11    | ppb   |
| Cadmium    | 111-1 | 491.11    | 487.15    | 487.10    | 488.45     | 0.47    | ppb   |
| Cadmium    | 106-1 | 486.53    | 478.83    | 478.76    | 481.37     | 0.93    | ppb   |
| Cadmium    | 108-1 | 501.68    | 492.53    | 496.07    | 496.76     | 0.93    | ppb   |
| Calcium    | 43-1  | 245416.69 | 244215.35 | 245649.64 | 245093.90  | 0.31    | ppb   |
| Calcium    | 44-1  | 245053.50 | 243643.55 | 245423.64 | 244706.90  | 0.38    | ppb   |
| Chromium   | 52-2  | 494.58    | 496.89    | 492.13    | 494.53     | 0.48    | ppb   |
| Cobalt     | 59-2  | 479.15    | 480.29    | 477.19    | 478.88     | 0.33    | ppb   |
| Copper     | 63-2  | 941.04    | 946.86    | 933.69    | 940.53     | 0.70    | 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 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 122222.67 | 123036.97 | 121447.95 | 122235.86  | 0.65    | ppb   |
| Iron       | 57-2  | 122164.18 | 122570.52 | 121354.23 | 122029.64  | 0.51    | ppb   |
| Lead       | 206-1 | 504.75    | 493.57    | 498.62    | 498.98     | 1.12    | ppb   |
| Lead       | 207-1 | 502.89    | 494.76    | 500.28    | 499.31     | 0.83    | ppb   |
| Lead       | 208-1 | 502.85    | 494.23    | 500.13    | 499.07     | 0.88    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 249792.11 | 251510.69 | 250340.60 | 250547.80  | 0.35    | ppb   |
| Manganese  | 55-2  | 970.98    | 978.13    | 968.73    | 972.61     | 0.50    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2525.18   | 2498.13   | 2520.38   | 2514.57    | 0.57    | ppb   |
| Molybdenum | 95-1  | 2524.10   | 2483.86   | 2507.56   | 2505.17    | 0.81    | ppb   |
| Molybdenum | 96-1  | 2534.91   | 2513.65   | 2505.65   | 2518.07    | 0.60    | ppb   |
| Molybdenum | 97-1  | 2537.40   | 2503.72   | 2509.01   | 2516.71    | 0.72    | ppb   |
| Molybdenum | 98-1  | 2532.64   | 2513.53   | 2533.25   | 2526.47    | 0.44    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 481.32    | 482.78    | 475.99    | 480.03     | 0.74    | ppb   |
| Phosphorus | 31-2  | 9828.27   | 10117.00  | 9775.05   | 9906.78    | 1.86    | ppb   |
| Potassium  | 39-2  | 122858.20 | 123248.57 | 122946.42 | 123017.73  | 0.17    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 495.79    | 488.26    | 495.34    | 493.13     | 0.86    | ppb   |
| Selenium   | 78-2  | 482.05    | 473.36    | 473.89    | 476.43     | 1.02    | ppb   |
| Selenium   | 82-1  | 488.33    | 480.39    | 488.58    | 485.77     | 0.96    | ppb   |
| Silicon    | 28-1  | 1249.49   | 1312.61   | 1381.07   | 1314.39    | 5.01    | ppb   |
| Silver     | 109-1 | 493.99    | 487.12    | 490.43    | 490.51     | 0.70    | ppb   |
| Silver     | 107-1 | 494.97    | 489.66    | 490.34    | 491.66     | 0.59    | ppb   |
| Sodium     | 23-2  | 249553.74 | 249651.69 | 248875.26 | 249360.23  | 0.17    | ppb   |
| Strontium  | 86-1  | 520.80    | 512.05    | 514.58    | 515.81     | 0.87    | ppb   |
| Strontium  | 88-1  | 519.34    | 513.86    | 515.28    | 516.16     | 0.55    | ppb   |
| Sulfur     | 34-1  | 8824.45   | 8965.02   | 8977.34   | 8922.27    | 0.95    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 503.35    | 494.57    | 498.69    | 498.87     | 0.88    | ppb   |
| Thallium   | 205-1 | 506.17    | 498.96    | 501.43    | 502.19     | 0.73    | ppb   |
| Tin        | 118-1 | 506.75    | 499.36    | 499.97    | 502.03     | 0.82    | ppb   |
| Titanium   | 47-1  | 2497.23   | 2497.51   | 2496.06   | 2496.93    | 0.03    | ppb   |
| Uranium    | 238-1 | 512.69    | 504.33    | 508.80    | 508.61     | 0.82    | ppb   |
| Vanadium   | 51-2  | 495.86    | 497.14    | 490.43    | 494.48     | 0.72    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 940.19    | 934.89    | 923.06    | 932.71     | 0.94    | ppb   |
| Zirconium  | 90-1  | 510.26    | 503.95    | 507.21    | 507.14     | 0.62    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 506.97  | 500.36  | 502.15  | 503.16     | 0.68    | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CCB078 Instrumnet Name : P7  
 Client Sample ID : CCB078 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:06:02 DataFile Name : 017CCBE\_P7112217- M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.36    | 0.35    | 0.56    | 0.42       | 28.29   | ppb   |
| Antimony   | 121-1 | 1.83    | 1.70    | 1.34    | 1.62       | 15.64   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.12    | 0.03    | 0.11       | 70.19   | ppb   |
| Barium     | 135-1 | 0.02    | 0.08    | 0.03    | 0.04       | 79.39   | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.02    | 0.02       | 46.72   | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.25    | 0.23    | 0.24       | 4.89    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 7.23    | 6.33    | 5.47    | 6.35       | 13.84   | ppb   |
| Boron      | 11-1  | 7.03    | 6.64    | 6.22    | 6.63       | 6.08    | ppb   |
| Cadmium    | 111-1 | -0.24   | -0.29   | -0.23   | -0.25      |         | ppb   |
| Cadmium    | 106-1 | -2.83   | -3.65   | -3.11   | -3.20      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.14    | 0.05    | 0.11       | 51.44   | ppb   |
| Calcium    | 43-1  | -2.72   | -0.74   | -0.82   | -1.43      |         | ppb   |
| Calcium    | 44-1  | 21.28   | 21.96   | 22.31   | 21.85      | 2.40    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.04    | 0.00    | 0.02       | 113.51  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.03    | -0.05   | 0.00       |         | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 4.79    | 4.92    | 4.57    | 4.76       | 3.73    | ppb   |
| Iron       | 57-2  | 5.10    | 5.05    | 2.36    | 4.17       | 37.67   | ppb   |
| Lead       | 206-1 | 0.27    | 0.26    | 0.22    | 0.25       | 10.30   | ppb   |
| Lead       | 207-1 | 0.21    | 0.20    | 0.27    | 0.23       | 16.26   | ppb   |
| Lead       | 208-1 | 0.26    | 0.24    | 0.24    | 0.24       | 4.11    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | -9.03   | -10.16  | -8.98   | -9.39      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.06    | 0.03       | 100.96  | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CCB078 Instrumnet Name : P7  
 Client Sample ID : CCB078 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:06:02 DataFile Name : 017CCBE\_P7112217- M8

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.98     | 0.82     | 0.71     | 0.83       | 16.24   | ppb   |
| Molybdenum | 95-1  | 0.94     | 0.93     | 0.86     | 0.91       | 4.71    | ppb   |
| Molybdenum | 96-1  | 1.08     | 0.92     | 0.89     | 0.96       | 10.65   | ppb   |
| Molybdenum | 97-1  | 0.96     | 0.85     | 0.91     | 0.91       | 6.06    | ppb   |
| Molybdenum | 98-1  | 1.05     | 0.98     | 0.97     | 1.00       | 4.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.05    | -0.03    | 0.01     | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -0.58    | 1.77     | -6.25    | -1.69      |         | ppb   |
| Potassium  | 39-2  | 108.25   | 108.47   | 82.79    | 99.84      | 14.79   | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.30    | -0.32    | -0.38    | -0.67      |         | ppb   |
| Selenium   | 82-1  | -0.82    | 0.45     | -0.07    | -0.15      |         | ppb   |
| Silicon    | 28-1  | 938.98   | 832.79   | 775.04   | 848.94     | 9.79    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03     | 0.03       | 13.40   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.02     | 0.02       | 31.94   | ppb   |
| Sodium     | 23-2  | 134.52   | 131.06   | 118.79   | 128.12     | 6.45    | ppb   |
| Strontium  | 86-1  | 0.04     | -0.04    | -0.04    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.00     | 0.01       | 39.04   | ppb   |
| Sulfur     | 34-1  | -1100.12 | -1132.93 | -1367.88 | -1200.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.19     | 0.19     | 0.18     | 0.19       | 1.33    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.17     | 0.14     | 0.17       | 11.90   | ppb   |
| Tin        | 118-1 | 0.31     | 0.35     | 0.30     | 0.32       | 9.62    | ppb   |
| Titanium   | 47-1  | 0.20     | 0.12     | 0.16     | 0.16       | 25.25   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 17.11   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.01     | 0.01       | 41.84   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 0.29     | -0.02    | 0.06     | 0.11       | 147.40  | ppb   |
| Zirconium  | 90-1  | 0.10     | 0.11     | 0.11     | 0.11       | 3.58    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:06:02 | DataFile Name :   | 017CCBE_P7112217- M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.17    | 0.13    | 0.10    | 0.13       | 25.71   | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CRI Instrumnet Name : P7  
 Client Sample ID : CRI Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:09:33 DataFile Name : 018SMPL\_P7112217- M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.55   | 18.35   | 20.04   | 19.98      | 8.01    | ppb   |
| Antimony   | 121-1 | 2.16    | 2.25    | 2.35    | 2.25       | 4.21    | ppb   |
| Arsenic    | 75-2  | 1.09    | 0.99    | 1.17    | 1.08       | 8.01    | ppb   |
| Barium     | 135-1 | 8.90    | 9.01    | 9.76    | 9.23       | 5.09    | ppb   |
| Barium     | 137-1 | 8.81    | 9.27    | 8.86    | 8.98       | 2.81    | ppb   |
| Beryllium  | 9-1   | 1.09    | 1.06    | 1.05    | 1.07       | 1.67    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 21.74   | 22.41   | 23.92   | 22.69      | 4.93    | ppb   |
| Boron      | 11-1  | 23.53   | 23.22   | 24.50   | 23.75      | 2.81    | ppb   |
| Cadmium    | 111-1 | 0.60    | 0.83    | 0.62    | 0.68       | 18.46   | ppb   |
| Cadmium    | 106-1 | -2.86   | -0.61   | -2.55   | -2.01      |         | ppb   |
| Cadmium    | 108-1 | 1.01    | 1.05    | 1.07    | 1.04       | 3.02    | ppb   |
| Calcium    | 43-1  | 507.12  | 483.96  | 518.04  | 503.04     | 3.46    | ppb   |
| Calcium    | 44-1  | 521.79  | 520.07  | 531.31  | 524.39     | 1.15    | ppb   |
| Chromium   | 52-2  | 1.96    | 2.04    | 2.15    | 2.05       | 4.55    | ppb   |
| Cobalt     | 59-2  | 0.86    | 0.90    | 0.96    | 0.91       | 5.32    | ppb   |
| Copper     | 63-2  | 1.99    | 1.95    | 2.01    | 1.98       | 1.61    | 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 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 52.09   | 54.53   | 53.77   | 53.46      | 2.33    | ppb   |
| Iron       | 57-2  | 48.93   | 55.37   | 56.71   | 53.67      | 7.75    | ppb   |
| Lead       | 206-1 | 1.15    | 1.10    | 1.10    | 1.12       | 2.67    | ppb   |
| Lead       | 207-1 | 1.09    | 1.12    | 1.02    | 1.08       | 4.95    | ppb   |
| Lead       | 208-1 | 1.10    | 1.06    | 1.09    | 1.09       | 1.83    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 447.97  | 460.68  | 463.98  | 457.54     | 1.85    | ppb   |
| Manganese  | 55-2  | 1.13    | 1.30    | 1.31    | 1.24       | 8.22    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:09:33 | DataFile Name :   | 018SMPL_P7112217- M8 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.09     | 4.79     | 4.57     | 4.82       | 5.39    | ppb   |
| Molybdenum | 95-1  | 4.67     | 4.59     | 4.58     | 4.61       | 1.06    | ppb   |
| Molybdenum | 96-1  | 4.58     | 4.54     | 4.86     | 4.66       | 3.73    | ppb   |
| Molybdenum | 97-1  | 4.77     | 4.74     | 4.93     | 4.81       | 2.11    | ppb   |
| Molybdenum | 98-1  | 4.49     | 4.72     | 4.80     | 4.67       | 3.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.14     | 1.26     | 1.35     | 1.25       | 8.36    | ppb   |
| Phosphorus | 31-2  | 8.32     | -3.24    | -5.86    | -0.26      |         | ppb   |
| Potassium  | 39-2  | 487.85   | 528.33   | 515.94   | 510.71     | 4.06    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 4.22     | 2.88     | 2.89     | 3.33       | 23.07   | ppb   |
| Selenium   | 78-2  | 3.72     | 4.11     | 5.37     | 4.40       | 19.57   | ppb   |
| Selenium   | 82-1  | 5.23     | 4.18     | 4.35     | 4.59       | 12.34   | ppb   |
| Silicon    | 28-1  | 694.61   | 681.64   | 837.69   | 737.98     | 11.73   | ppb   |
| Silver     | 109-1 | 1.00     | 1.00     | 1.04     | 1.01       | 2.58    | ppb   |
| Silver     | 107-1 | 0.90     | 0.97     | 1.03     | 0.97       | 6.54    | ppb   |
| Sodium     | 23-2  | 532.14   | 557.37   | 560.79   | 550.10     | 2.84    | ppb   |
| Strontium  | 86-1  | 0.94     | 0.93     | 0.93     | 0.93       | 0.23    | ppb   |
| Strontium  | 88-1  | 0.98     | 0.97     | 0.98     | 0.98       | 0.65    | ppb   |
| Sulfur     | 34-1  | -1389.57 | -1343.58 | -1038.44 | -1257.19   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.98     | 0.99     | 0.96     | 0.97       | 1.56    | ppb   |
| Thallium   | 205-1 | 0.98     | 0.94     | 0.98     | 0.97       | 2.31    | ppb   |
| Tin        | 118-1 | 4.74     | 4.68     | 4.84     | 4.75       | 1.72    | ppb   |
| Titanium   | 47-1  | 4.41     | 4.59     | 4.44     | 4.48       | 2.12    | ppb   |
| Uranium    | 238-1 | 0.84     | 0.79     | 0.81     | 0.81       | 2.62    | ppb   |
| Vanadium   | 51-2  | 4.48     | 4.48     | 4.56     | 4.51       | 1.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 2.95     | 2.96     | 3.39     | 3.10       | 8.09    | ppb   |
| Zirconium  | 90-1  | 0.98     | 1.06     | 1.01     | 1.02       | 3.87    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:09:33 | DataFile Name :   | 018SMPL_P7112217- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.01    | 1.10    | 0.99    | 1.03       | 5.67    | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : PB104420BL Instrumnet Name : P7  
 Client Sample ID : PB104420BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:13:05 DataFile Name : 019SMPL\_P7112217- M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.03   | 0.21    | 0.59    | 0.26       | 120.12  | ppb   |
| Antimony   | 121-1 | 0.24    | 0.22    | 0.24    | 0.24       | 4.25    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.00    | 0.02       | 90.92   | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.03    | 0.01       | 113.86  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | -0.01   | 0.01       | 179.65  | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.08    | 0.08    | 0.08       | 1.28    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.98    | 2.20    | 2.16    | 2.11       | 5.51    | ppb   |
| Boron      | 11-1  | 2.32    | 2.29    | 2.15    | 2.26       | 4.00    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.15   | -0.32   | -0.20      |         | ppb   |
| Cadmium    | 106-1 | -1.71   | -1.83   | -3.96   | -2.50      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | 0.09    | 0.05       | 108.02  | ppb   |
| Calcium    | 43-1  | -0.95   | -1.36   | -0.38   | -0.90      |         | ppb   |
| Calcium    | 44-1  | 7.94    | 16.09   | 10.40   | 11.48      | 36.43   | ppb   |
| Chromium   | 52-2  | 0.02    | -0.04   | 0.02    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 2.79    | 2.75    | 2.78    | 2.77       | 0.73    | ppb   |
| Iron       | 57-2  | 2.15    | 2.79    | 2.70    | 2.55       | 13.73   | ppb   |
| Lead       | 206-1 | 0.10    | 0.12    | 0.11    | 0.11       | 8.29    | ppb   |
| Lead       | 207-1 | 0.14    | 0.10    | 0.09    | 0.11       | 19.32   | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.10    | 0.10       | 3.07    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | -7.82   | -8.03   | -8.29   | -8.04      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.02    | 0.01       | 85.65   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB104420BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB104420BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:13:05 | DataFile Name :   | 019SMPL_P7112217- M8 |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.20     | 0.23    | 0.13    | 0.18       | 28.74   | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.24    | 0.18    | 0.19       | 21.29   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.23    | 0.20    | 0.20       | 11.61   | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.14    | 0.12    | 0.14       | 12.88   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.18    | 0.21    | 0.19       | 5.57    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.10    | -0.03   | -0.07   | -0.07      |         | ppb   |
| Phosphorus | 31-2  | -20.25   | -5.89   | -10.10  | -12.08     |         | ppb   |
| Potassium  | 39-2  | 32.65    | 38.05   | 42.33   | 37.67      | 12.88   | ppb   |
| Rhodium    | 103-1 |          |         |         | 106        |         | %     |
| Rhodium    | 103-2 |          |         |         | 105        |         | %     |
| Scandium   | 45-1  |          |         |         | 106        |         | %     |
| Scandium   | 45-2  |          |         |         | 106        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 1.42    | 0.47       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.32    | -0.59   | -1.07   | -0.99      |         | ppb   |
| Selenium   | 82-1  | -0.17    | 0.28    | -1.01   | -0.30      |         | ppb   |
| Silicon    | 28-1  | 686.06   | 803.46  | 855.24  | 781.59     | 11.09   | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.00    | 0.01       | 41.70   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00    | 0.00    | 0.01       | 117.92  | ppb   |
| Sodium     | 23-2  | 63.42    | 63.48   | 64.25   | 63.72      | 0.73    | ppb   |
| Strontium  | 86-1  | -0.09    | 0.03    | -0.05   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00    | 0.00    | 0.00       | 71.52   | ppb   |
| Sulfur     | 34-1  | -1240.50 | -940.62 | -657.28 | -946.14    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 108        |         | %     |
| Terbium    | 159-2 |          |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04    | 0.05    | 0.05       | 8.07    | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05    | 0.04    | 0.05       | 4.86    | ppb   |
| Tin        | 118-1 | 0.08     | 0.08    | 0.04    | 0.07       | 37.02   | ppb   |
| Titanium   | 47-1  | 0.09     | 0.05    | 0.09    | 0.08       | 33.77   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.02    | 0.01    | 0.01       | 76.34   | ppb   |
| Yttrium    | 89-1  |          |         |         | 108        |         | %     |
| Yttrium    | 89-2  |          |         |         | 105        |         | %     |
| Zinc       | 66-2  | 0.09     | 0.26    | 0.22    | 0.19       | 48.10   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03    | 0.01    | 0.02       | 26.82   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB104420BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB104420BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:13:05 | DataFile Name :   | 019SMPL_P7112217- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | -0.02   | 0.03    | 0.01       | 244.63  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-04A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0AC0A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:16:37 | DataFile Name :   | 020SMPL_P7112217- M8 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11315.61 | 11284.93 | 11414.18 | 11338.24   | 0.60    | ppb   |
| Antimony   | 121-1 | 0.53     | 0.60     | 0.61     | 0.58       | 7.43    | ppb   |
| Arsenic    | 75-2  | 9.83     | 10.57    | 10.56    | 10.32      | 4.15    | ppb   |
| Barium     | 135-1 | 287.71   | 283.26   | 286.15   | 285.71     | 0.79    | ppb   |
| Barium     | 137-1 | 287.85   | 283.39   | 281.33   | 284.19     | 1.17    | ppb   |
| Beryllium  | 9-1   | 0.81     | 0.83     | 0.78     | 0.81       | 2.98    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 3.25     | 3.14     | 2.89     | 3.09       | 6.03    | ppb   |
| Boron      | 11-1  | 3.22     | 3.04     | 3.48     | 3.25       | 6.80    | ppb   |
| Cadmium    | 111-1 | 0.07     | 0.01     | 0.06     | 0.05       | 59.96   | ppb   |
| Cadmium    | 106-1 | -0.14    | -1.01    | -0.62    | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.75     | 1.16     | 1.50     | 1.14       | 32.88   | ppb   |
| Calcium    | 43-1  | 1073.17  | 1039.42  | 1042.85  | 1051.81    | 1.77    | ppb   |
| Calcium    | 44-1  | 1118.34  | 1047.85  | 1099.90  | 1088.70    | 3.36    | ppb   |
| Chromium   | 52-2  | 58.20    | 57.35    | 58.25    | 57.93      | 0.87    | ppb   |
| Cobalt     | 59-2  | 16.86    | 16.57    | 16.83    | 16.75      | 0.94    | ppb   |
| Copper     | 63-2  | 44.12    | 44.09    | 43.74    | 43.98      | 0.48    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 42496.40 | 42039.63 | 42481.68 | 42339.24   | 0.61    | ppb   |
| Iron       | 57-2  | 41758.75 | 41442.51 | 41893.39 | 41698.21   | 0.56    | ppb   |
| Lead       | 206-1 | 13.19    | 12.86    | 12.95    | 13.00      | 1.29    | ppb   |
| Lead       | 207-1 | 12.13    | 11.58    | 12.04    | 11.91      | 2.48    | ppb   |
| Lead       | 208-1 | 12.59    | 12.21    | 12.33    | 12.38      | 1.57    | ppb   |
| Lithium    | 6-1   |          |          |          | 116        |         | %     |
| Magnesium  | 24-2  | 2889.61  | 2878.28  | 2902.52  | 2890.14    | 0.42    | ppb   |
| Manganese  | 55-2  | 484.00   | 480.81   | 486.22   | 483.67     | 0.56    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-04A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0AC0A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:16:37 | DataFile Name :   | 020SMPL_P7112217- M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.30     | 7.89     | 8.36     | 8.18       | 3.13    | ppb   |
| Molybdenum | 95-1  | 2.06     | 1.97     | 2.22     | 2.08       | 6.20    | ppb   |
| Molybdenum | 96-1  | 2.70     | 2.82     | 2.75     | 2.76       | 2.27    | ppb   |
| Molybdenum | 97-1  | 2.19     | 2.06     | 1.98     | 2.08       | 5.17    | ppb   |
| Molybdenum | 98-1  | 2.01     | 2.17     | 2.00     | 2.06       | 4.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 31.66    | 31.02    | 32.28    | 31.65      | 1.99    | ppb   |
| Phosphorus | 31-2  | 481.05   | 511.35   | 428.90   | 473.77     | 8.80    | ppb   |
| Potassium  | 39-2  | 819.97   | 810.86   | 821.74   | 817.53     | 0.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 5.52     | 5.51     | 5.49     | 5.51       | 0.26    | ppb   |
| Selenium   | 78-2  | 0.32     | 0.78     | 0.54     | 0.55       | 42.30   | ppb   |
| Selenium   | 82-1  | -0.21    | -0.54    | -0.17    | -0.31      |         | ppb   |
| Silicon    | 28-1  | 3539.35  | 3173.29  | 3484.82  | 3399.15    | 5.81    | ppb   |
| Silver     | 109-1 | 0.21     | 0.20     | 0.20     | 0.20       | 3.94    | ppb   |
| Silver     | 107-1 | 0.18     | 0.17     | 0.16     | 0.17       | 7.28    | ppb   |
| Sodium     | 23-2  | 241.66   | 240.69   | 240.55   | 240.96     | 0.25    | ppb   |
| Strontium  | 86-1  | 5.08     | 5.14     | 5.04     | 5.09       | 0.99    | ppb   |
| Strontium  | 88-1  | 5.00     | 5.00     | 4.90     | 4.97       | 1.16    | ppb   |
| Sulfur     | 34-1  | -1812.68 | -2595.81 | -2457.17 | -2288.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.29     | 0.22     | 0.18     | 0.23       | 23.40   | ppb   |
| Thallium   | 205-1 | 0.28     | 0.23     | 0.21     | 0.24       | 14.37   | ppb   |
| Tin        | 118-1 | 0.84     | 0.76     | 0.81     | 0.80       | 5.05    | ppb   |
| Titanium   | 47-1  | 20.91    | 19.95    | 20.22    | 20.36      | 2.43    | ppb   |
| Uranium    | 238-1 | 0.92     | 0.92     | 0.91     | 0.92       | 0.92    | ppb   |
| Vanadium   | 51-2  | 21.56    | 21.83    | 21.72    | 21.70      | 0.62    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 104.01   | 107.62   | 103.39   | 105.01     | 2.18    | ppb   |
| Zirconium  | 90-1  | 4.21     | 4.16     | 4.25     | 4.21       | 1.13    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-04A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0AC0A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:16:37 | DataFile Name :   | 020SMPL_P7112217- M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.45    | 4.30    | 4.37    | 4.37       | 1.74    | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : I6516-16A Instrumnet Name : P7  
 Client Sample ID : MC0B93A Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:20:09 DataFile Name : 021SMPL\_P7112217- M9

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12665.51 | 12410.91 | 12683.08 | 12586.50   | 1.21    | ppb   |
| Antimony   | 121-1 | 4.05     | 4.19     | 3.99     | 4.08       | 2.54    | ppb   |
| Arsenic    | 75-2  | 4.38     | 4.35     | 4.45     | 4.40       | 1.14    | ppb   |
| Barium     | 135-1 | 320.87   | 334.21   | 336.26   | 330.45     | 2.53    | ppb   |
| Barium     | 137-1 | 319.54   | 330.21   | 331.50   | 327.08     | 2.01    | ppb   |
| Beryllium  | 9-1   | 1.87     | 2.01     | 1.99     | 1.96       | 3.91    | ppb   |
| Bismuth    | 209-1 |          |          |          | 117        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 10-1  | 32.12    | 32.35    | 32.48    | 32.32      | 0.57    | ppb   |
| Boron      | 11-1  | 32.18    | 32.99    | 33.98    | 33.05      | 2.74    | ppb   |
| Cadmium    | 111-1 | 1.43     | 1.62     | 1.68     | 1.58       | 8.26    | ppb   |
| Cadmium    | 106-1 | -0.66    | 0.08     | -0.78    | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 1.89     | 1.91     | 1.33     | 1.71       | 19.40   | ppb   |
| Calcium    | 43-1  | 17707.30 | 18119.95 | 18229.67 | 18018.97   | 1.53    | ppb   |
| Calcium    | 44-1  | 18136.69 | 18658.16 | 18903.60 | 18566.15   | 2.11    | ppb   |
| Chromium   | 52-2  | 13.64    | 13.30    | 13.61    | 13.52      | 1.38    | ppb   |
| Cobalt     | 59-2  | 16.75    | 16.29    | 16.82    | 16.62      | 1.74    | ppb   |
| Copper     | 63-2  | 71.81    | 70.21    | 72.38    | 71.47      | 1.57    | 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 |          |          |          | 120        |         | %     |
| Holmium    | 165-2 |          |          |          | 114        |         | %     |
| Indium     | 115-1 |          |          |          | 121        |         | %     |
| Indium     | 115-2 |          |          |          | 113        |         | %     |
| Iron       | 56-2  | 32010.29 | 31214.66 | 31826.70 | 31683.88   | 1.31    | ppb   |
| Iron       | 57-2  | 31403.73 | 30711.44 | 31276.61 | 31130.59   | 1.18    | ppb   |
| Lead       | 206-1 | 39.90    | 40.85    | 41.37    | 40.71      | 1.83    | ppb   |
| Lead       | 207-1 | 37.31    | 37.83    | 38.33    | 37.83      | 1.34    | ppb   |
| Lead       | 208-1 | 38.21    | 39.00    | 39.51    | 38.91      | 1.68    | ppb   |
| Lithium    | 6-1   |          |          |          | 130        |         | %     |
| Magnesium  | 24-2  | 4528.13  | 4408.43  | 4480.75  | 4472.43    | 1.35    | ppb   |
| Manganese  | 55-2  | 1355.48  | 1327.03  | 1360.50  | 1347.67    | 1.34    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-16A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0B93A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:20:09 | DataFile Name :   | 021SMPL_P7112217- M8 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.04     | 0.91     | 1.09     | 1.01       | 8.75    | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.10     | 0.12     | 0.10       | 13.03   | ppb   |
| Molybdenum | 96-1  | 0.25     | 0.19     | 0.24     | 0.22       | 13.54   | ppb   |
| Molybdenum | 97-1  | 0.15     | 0.16     | 0.12     | 0.14       | 15.33   | ppb   |
| Molybdenum | 98-1  | 0.11     | 0.11     | 0.15     | 0.12       | 20.11   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 44.90    | 43.14    | 43.98    | 44.01      | 1.99    | ppb   |
| Phosphorus | 31-2  | 1710.70  | 1675.20  | 1664.72  | 1683.54    | 1.43    | ppb   |
| Potassium  | 39-2  | 6752.87  | 6574.51  | 6782.57  | 6703.31    | 1.68    | ppb   |
| Rhodium    | 103-1 |          |          |          | 117        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 118        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 7.73     | 11.63    | 7.83     | 9.06       | 24.54   | ppb   |
| Selenium   | 78-2  | 1.48     | -0.05    | 1.08     | 0.84       | 95.25   | ppb   |
| Selenium   | 82-1  | 1.31     | 0.92     | 0.88     | 1.04       | 22.93   | ppb   |
| Silicon    | 28-1  | 6374.08  | 6742.55  | 6936.85  | 6684.49    | 4.28    | ppb   |
| Silver     | 109-1 | 0.20     | 0.21     | 0.20     | 0.21       | 3.05    | ppb   |
| Silver     | 107-1 | 0.17     | 0.20     | 0.22     | 0.20       | 12.57   | ppb   |
| Sodium     | 23-2  | 349.33   | 334.63   | 351.75   | 345.24     | 2.68    | ppb   |
| Strontium  | 86-1  | 68.89    | 70.54    | 71.90    | 70.44      | 2.14    | ppb   |
| Strontium  | 88-1  | 68.54    | 69.45    | 70.71    | 69.57      | 1.57    | ppb   |
| Sulfur     | 34-1  | -5016.61 | -4375.66 | -4279.90 | -4557.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 120        |         | %     |
| Terbium    | 159-2 |          |          |          | 114        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.21     | 0.21     | 0.21       | 1.03    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.24     | 0.23     | 0.23       | 3.77    | ppb   |
| Tin        | 118-1 | 0.02     | 0.02     | 0.00     | 0.02       | 59.54   | ppb   |
| Titanium   | 47-1  | 18.80    | 19.60    | 19.10    | 19.17      | 2.10    | ppb   |
| Uranium    | 238-1 | 0.66     | 0.69     | 0.71     | 0.69       | 3.62    | ppb   |
| Vanadium   | 51-2  | 26.66    | 26.12    | 26.44    | 26.41      | 1.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 123        |         | %     |
| Yttrium    | 89-2  |          |          |          | 115        |         | %     |
| Zinc       | 66-2  | 280.55   | 272.53   | 277.86   | 276.98     | 1.47    | ppb   |
| Zirconium  | 90-1  | 0.59     | 0.59     | 0.64     | 0.61       | 4.56    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-16A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0B93A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:20:09 | DataFile Name :   | 021SMPL_P7112217- M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.59    | 0.66    | 0.75    | 0.67       | 11.62   | ppb   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CCV079 Instrumnet Name : P7  
 Client Sample ID : CCV079 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:37:49 DataFile Name : 022CCV\_P7112217- MS.

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48354.33  | 48108.16  | 48057.57  | 48173.35   | 0.33    | ppb   |
| Antimony   | 121-1 | 488.07    | 488.63    | 489.07    | 488.59     | 0.10    | ppb   |
| Arsenic    | 75-2  | 486.30    | 485.24    | 488.62    | 486.72     | 0.36    | ppb   |
| Barium     | 135-1 | 2491.17   | 2482.07   | 2489.70   | 2487.65    | 0.20    | ppb   |
| Barium     | 137-1 | 2484.71   | 2466.64   | 2487.86   | 2479.73    | 0.46    | ppb   |
| Beryllium  | 9-1   | 502.86    | 498.58    | 497.59    | 499.68     | 0.56    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 478.72    | 496.88    | 492.98    | 489.52     | 1.95    | ppb   |
| Boron      | 11-1  | 493.31    | 497.13    | 497.33    | 495.92     | 0.46    | ppb   |
| Cadmium    | 111-1 | 480.83    | 482.51    | 487.04    | 483.46     | 0.66    | ppb   |
| Cadmium    | 106-1 | 479.00    | 484.18    | 474.80    | 479.33     | 0.98    | ppb   |
| Cadmium    | 108-1 | 486.74    | 494.10    | 487.08    | 489.31     | 0.85    | ppb   |
| Calcium    | 43-1  | 241941.60 | 243959.01 | 242765.32 | 242888.65  | 0.42    | ppb   |
| Calcium    | 44-1  | 240749.56 | 243662.87 | 242262.47 | 242224.96  | 0.60    | ppb   |
| Chromium   | 52-2  | 491.80    | 489.05    | 485.66    | 488.84     | 0.63    | ppb   |
| Cobalt     | 59-2  | 479.55    | 475.60    | 471.44    | 475.53     | 0.85    | ppb   |
| Copper     | 63-2  | 935.39    | 932.26    | 925.82    | 931.16     | 0.52    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 121420.92 | 121050.93 | 120093.77 | 120855.21  | 0.57    | ppb   |
| Iron       | 57-2  | 121728.82 | 120081.41 | 120602.40 | 120804.21  | 0.70    | ppb   |
| Lead       | 206-1 | 496.55    | 494.71    | 499.23    | 496.83     | 0.46    | ppb   |
| Lead       | 207-1 | 494.02    | 495.59    | 501.42    | 497.01     | 0.78    | ppb   |
| Lead       | 208-1 | 494.25    | 496.00    | 499.02    | 496.42     | 0.49    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 247924.19 | 246537.68 | 244154.41 | 246205.43  | 0.77    | ppb   |
| Manganese  | 55-2  | 967.56    | 962.08    | 956.14    | 961.93     | 0.59    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:37:49 | DataFile Name :   | 022CCV_P7112217- MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2512.61   | 2489.81   | 2513.65   | 2505.36    | 0.54    | ppb   |
| Molybdenum | 95-1  | 2493.34   | 2490.86   | 2504.00   | 2496.07    | 0.28    | ppb   |
| Molybdenum | 96-1  | 2507.71   | 2509.68   | 2484.16   | 2500.52    | 0.57    | ppb   |
| Molybdenum | 97-1  | 2507.32   | 2487.07   | 2498.19   | 2497.53    | 0.41    | ppb   |
| Molybdenum | 98-1  | 2510.95   | 2513.95   | 2520.04   | 2514.98    | 0.18    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 480.33    | 474.97    | 474.73    | 476.68     | 0.66    | ppb   |
| Phosphorus | 31-2  | 9794.18   | 9804.50   | 9755.45   | 9784.71    | 0.26    | ppb   |
| Potassium  | 39-2  | 122048.26 | 121399.98 | 120433.53 | 121293.92  | 0.67    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 432.30    | 444.46    | 403.36    | 426.71     | 4.95    | ppb   |
| Selenium   | 78-2  | 470.40    | 473.95    | 460.73    | 468.36     | 1.46    | ppb   |
| Selenium   | 82-1  | 475.17    | 479.07    | 477.31    | 477.18     | 0.41    | ppb   |
| Silicon    | 28-1  | 761.99    | 973.80    | 907.54    | 881.11     | 12.30   | ppb   |
| Silver     | 109-1 | 483.69    | 487.10    | 486.16    | 485.65     | 0.36    | ppb   |
| Silver     | 107-1 | 484.43    | 486.48    | 483.53    | 484.81     | 0.31    | ppb   |
| Sodium     | 23-2  | 246247.69 | 244019.13 | 241681.89 | 243982.90  | 0.94    | ppb   |
| Strontium  | 86-1  | 512.06    | 509.56    | 509.33    | 510.32     | 0.30    | ppb   |
| Strontium  | 88-1  | 512.42    | 509.72    | 510.26    | 510.80     | 0.28    | ppb   |
| Sulfur     | 34-1  | 8017.77   | 8580.60   | 8294.04   | 8297.47    | 3.39    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 499.71    | 495.61    | 500.27    | 498.53     | 0.51    | ppb   |
| Thallium   | 205-1 | 500.31    | 501.61    | 504.54    | 502.15     | 0.43    | ppb   |
| Tin        | 118-1 | 495.58    | 495.03    | 494.67    | 495.10     | 0.09    | ppb   |
| Titanium   | 47-1  | 2474.56   | 2482.85   | 2481.28   | 2479.56    | 0.18    | ppb   |
| Uranium    | 238-1 | 501.67    | 500.72    | 507.39    | 503.26     | 0.72    | ppb   |
| Vanadium   | 51-2  | 494.70    | 488.72    | 487.27    | 490.23     | 0.80    | ppb   |
| Yttrium    | 89-1  |           |           |           | 105        |         | %     |
| Yttrium    | 89-2  |           |           |           | 104        |         | %     |
| Zinc       | 66-2  | 932.26    | 922.11    | 916.85    | 923.74     | 0.85    | ppb   |
| Zirconium  | 90-1  | 502.74    | 501.40    | 501.68    | 501.94     | 0.14    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:37:49 | DataFile Name :   | 022CCV_P7112217- MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 504.16  | 498.64  | 500.09  | 500.96     | 0.57    | ppb   |



LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CCB079 Instrumnet Name : P7  
 Client Sample ID : CCB079 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:41:21 DataFile Name : 023CCBE\_P7112217- M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.69    | 1.74    | 0.44    | 0.96       | 72.03   | ppb   |
| Antimony   | 121-1 | 1.67    | 1.51    | 1.51    | 1.56       | 6.03    | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.10    | 0.10    | 0.11       | 15.91   | ppb   |
| Barium     | 135-1 | 0.08    | 0.08    | 0.09    | 0.08       | 5.84    | ppb   |
| Barium     | 137-1 | 0.04    | 0.06    | 0.04    | 0.05       | 33.77   | ppb   |
| Beryllium  | 9-1   | 0.21    | 0.26    | 0.29    | 0.25       | 15.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 7.79    | 5.91    | 6.54    | 6.75       | 14.24   | ppb   |
| Boron      | 11-1  | 7.51    | 6.22    | 5.50    | 6.41       | 15.90   | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.05   | -0.27   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.07   | -0.90   | -3.61   | -1.86      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.04    | 0.01       | 233.23  | ppb   |
| Calcium    | 43-1  | 14.78   | 10.36   | 11.08   | 12.07      | 19.63   | ppb   |
| Calcium    | 44-1  | 3.05    | -3.49   | 4.22    | 1.26       | 328.92  | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | 0.02    | 0.00       | 734.95  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 221.83  | ppb   |
| Copper     | 63-2  | -0.01   | -0.07   | -0.01   | -0.03      |         | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 7.28    | 5.84    | 5.80    | 6.31       | 13.34   | ppb   |
| Iron       | 57-2  | 6.53    | 6.07    | 3.79    | 5.46       | 26.88   | ppb   |
| Lead       | 206-1 | 0.17    | 0.18    | 0.16    | 0.17       | 5.34    | ppb   |
| Lead       | 207-1 | 0.14    | 0.17    | 0.15    | 0.15       | 8.81    | ppb   |
| Lead       | 208-1 | 0.18    | 0.18    | 0.16    | 0.17       | 6.03    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | -5.69   | -4.75   | -5.17   | -5.20      |         | ppb   |
| Manganese  | 55-2  | 0.15    | 0.09    | 0.08    | 0.11       | 34.57   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB079              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB079              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:41:21 | DataFile Name :   | 023CCBE_P7112217- M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.90     | 0.86     | 0.77     | 0.84       | 7.81    | ppb   |
| Molybdenum | 95-1  | 0.92     | 0.92     | 0.70     | 0.85       | 15.34   | ppb   |
| Molybdenum | 96-1  | 0.95     | 0.92     | 0.89     | 0.92       | 3.46    | ppb   |
| Molybdenum | 97-1  | 0.85     | 0.85     | 0.75     | 0.82       | 7.35    | ppb   |
| Molybdenum | 98-1  | 0.94     | 0.90     | 0.93     | 0.93       | 2.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.03    | -0.03    | -0.06    | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 8.62     | -8.65    | -3.38    | -1.14      |         | ppb   |
| Potassium  | 39-2  | 66.92    | 48.90    | 44.34    | 53.39      | 22.36   | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 1.39     | 0.00     | 0.00     | 0.46       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.62    | -1.10    | -1.33    | -1.02      |         | ppb   |
| Selenium   | 82-1  | -0.08    | 0.49     | -0.32    | 0.03       | 1466.78 | ppb   |
| Silicon    | 28-1  | 471.07   | 418.16   | 523.69   | 470.97     | 11.20   | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.04     | 0.04       | 13.16   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.02     | 0.02       | 18.93   | ppb   |
| Sodium     | 23-2  | 97.50    | 94.56    | 92.66    | 94.91      | 2.57    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.03     | 0.02     | 0.02     | 0.03       | 20.86   | ppb   |
| Sulfur     | 34-1  | -2300.97 | -2011.54 | -1781.68 | -2031.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.10     | 0.11     | 0.11       | 3.37    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.07     | 0.08       | 14.51   | ppb   |
| Tin        | 118-1 | 0.33     | 0.40     | 0.35     | 0.36       | 9.48    | ppb   |
| Titanium   | 47-1  | 0.13     | 0.19     | 0.13     | 0.15       | 25.44   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.01     | 0.02       | 7.26    | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.02     | 0.02     | 0.02       | 26.68   | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 0.67     | 0.20     | 0.09     | 0.32       | 95.75   | ppb   |
| Zirconium  | 90-1  | 0.11     | 0.07     | 0.11     | 0.10       | 23.39   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:41:21 | DataFile Name :   | 023CCBE_P7112217- M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.10    | 0.17    | 0.10       | 61.88   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- M5 |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Antimony   | 121-1 | 67      | 58      | 42      | 56      | 22.91  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 0       | 2       | 100.00 | cps   |
| Barium     | 135-1 | 17      | 33      | 8       | 19      | 65.47  | cps   |
| Barium     | 137-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Beryllium  | 9-1   | 83      | 44      | 44      | 57      | 39.11  | cps   |
| Bismuth    | 209-1 | 7101797 | 6921876 | 6935793 | 6986489 | 1.43   | cps   |
| Bismuth    | 209-2 | 3451253 | 3478092 | 3575793 | 3501712 | 1.87   | cps   |
| Boron      | 10-1  | 83      | 133     | 125     | 114     | 23.52  | cps   |
| Boron      | 11-1  | 408     | 383     | 558     | 450     | 21.03  | cps   |
| Cadmium    | 111-1 | 2100    | 1987    | 2116    | 2068    | 3.42   | cps   |
| Cadmium    | 106-1 | 3000    | 2842    | 3025    | 2956    | 3.36   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 8       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 108     | 117     | 125     | 117     | 7.14   | cps   |
| Calcium    | 44-1  | 133600  | 133599  | 132682  | 133294  | 0.40   | cps   |
| Chromium   | 52-2  | 247     | 230     | 253     | 243     | 4.94   | cps   |
| Cobalt     | 59-2  | 83      | 73      | 80      | 79      | 6.45   | cps   |
| Copper     | 63-2  | 757     | 770     | 713     | 747     | 3.97   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 8       | 25      | 33      | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 20      | 13      | 10      | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 50      | 58      | 75      | 61      | 20.83  | cps   |
| Gadolinium | 160-2 | 27      | 30      | 30      | 29      | 6.65   | cps   |
| Holmium    | 165-1 | 9042873 | 9105523 | 9081725 | 9076707 | 0.35   | cps   |
| Holmium    | 165-2 | 4051694 | 4071784 | 4179583 | 4101021 | 1.68   | cps   |
| Indium     | 115-1 | 5949864 | 5990278 | 6038073 | 5992738 | 0.74   | cps   |
| Indium     | 115-2 | 916063  | 919800  | 944607  | 926823  | 1.67   | cps   |
| Iron       | 56-2  | 900     | 861     | 817     | 859     | 4.85   | cps   |
| Iron       | 57-2  | 56      | 61      | 61      | 59      | 5.41   | cps   |
| Lead       | 206-1 | 433     | 322     | 450     | 402     | 17.29  | cps   |
| Lead       | 207-1 | 317     | 344     | 433     | 365     | 16.71  | cps   |
| Lead       | 208-1 | 1545    | 1595    | 1750    | 1630    | 6.58   | cps   |
| Lithium    | 6-1   | 4470997 | 4506721 | 4513285 | 4497001 | 0.51   | cps   |
| Magnesium  | 24-2  | 2792    | 2842    | 2892    | 2842    | 1.76   | cps   |
| Manganese  | 55-2  | 30      | 23      | 20      | 24      | 20.83  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 142      | 92       | 117      | 117      | 21.43   | cps   |
| Molybdenum | 95-1  | 33       | 42       | 33       | 36       | 13.33   | cps   |
| Molybdenum | 96-1  | 25       | 50       | 75       | 50       | 50.00   | cps   |
| Molybdenum | 97-1  | 33       | 17       | 25       | 25       | 33.32   | cps   |
| Molybdenum | 98-1  | 17       | 0        | 25       | 14       | 91.65   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 100      | 153      | 123      | 126      | 21.30   | cps   |
| Phosphorus | 31-2  | 208      | 183      | 192      | 194      | 6.55    | cps   |
| Potassium  | 39-2  | 20482    | 20156    | 20198    | 20278    | 0.87    | cps   |
| Rhodium    | 103-1 | 5155261  | 5187123  | 5177998  | 5173461  | 0.32    | cps   |
| Rhodium    | 103-2 | 2363944  | 2381522  | 2430722  | 2392063  | 1.45    | cps   |
| Scandium   | 45-1  | 4378971  | 4414139  | 4407786  | 4400299  | 0.43    | cps   |
| Scandium   | 45-2  | 167456   | 167595   | 171773   | 168942   | 1.45    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 13       | 17       | 15       | 15       | 12.52   | cps   |
| Selenium   | 82-1  | 2        | -25      | 3        | -7       | -237.63 | cps   |
| Silicon    | 28-1  | 30277732 | 30337291 | 30717190 | 30444071 | 0.78    | cps   |
| Silver     | 109-1 | 17       | 17       | 33       | 22       | 43.28   | cps   |
| Silver     | 107-1 | 33       | 83       | 50       | 56       | 45.83   | cps   |
| Sodium     | 23-2  | 14691    | 14824    | 15050    | 14855    | 1.22    | cps   |
| Strontium  | 86-1  | 208      | 225      | 267      | 233      | 12.88   | cps   |
| Strontium  | 88-1  | 42       | 75       | 75       | 64       | 30.12   | cps   |
| Sulfur     | 34-1  | 616429   | 613622   | 617523   | 615858   | 0.33    | cps   |
| Terbium    | 159-1 | 9051906  | 9144720  | 9134324  | 9110317  | 0.56    | cps   |
| Terbium    | 159-2 | 3900101  | 3898459  | 4006713  | 3935091  | 1.58    | cps   |
| Thallium   | 203-1 | 75       | 100      | 83       | 86       | 14.79   | cps   |
| Thallium   | 205-1 | 192      | 192      | 217      | 200      | 7.22    | cps   |
| Tin        | 118-1 | 683      | 433      | 425      | 514      | 28.57   | cps   |
| Titanium   | 47-1  | 142      | 117      | 167      | 142      | 17.65   | cps   |
| Uranium    | 238-1 | 142      | 133      | 183      | 153      | 17.53   | cps   |
| Vanadium   | 51-2  | 3        | 3        | 3        | 3        | 0.00    | cps   |
| Yttrium    | 89-1  | 5710530  | 5591812  | 5639137  | 5647160  | 1.06    | cps   |
| Yttrium    | 89-2  | 658290   | 667106   | 685079   | 670158   | 2.04    | cps   |
| Zinc       | 66-2  | 470      | 440      | 447      | 452      | 3.48    | cps   |
| Zirconium  | 90-1  | 258      | 458      | 492      | 403      | 31.33   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S00                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:36:42 | DataFile Name :   | 003CALB_P7112217- MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 150  | 25   | 81      | 79.01  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S02                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:44:49 | DataFile Name :   | 005CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1467    | 1275    | 1217    | 1320    | 9.91   | cps   |
| Antimony   | 121-1 | 7594    | 8486    | 8611    | 8231    | 6.74   | cps   |
| Arsenic    | 75-2  | 107     | 141     | 143     | 130     | 15.20  | cps   |
| Barium     | 135-1 | 9462    | 9337    | 10004   | 9601    | 3.69   | cps   |
| Barium     | 137-1 | 17178   | 16193   | 17078   | 16816   | 3.22   | cps   |
| Beryllium  | 9-1   | 2117    | 2150    | 2211    | 2159    | 2.22   | cps   |
| Bismuth    | 209-1 | 7015871 | 7117151 | 7054888 | 7062637 | 0.72   | cps   |
| Bismuth    | 209-2 | 3561084 | 3530996 | 3498827 | 3530302 | 0.88   | cps   |
| Boron      | 10-1  | 6477    | 6343    | 6827    | 6549    | 3.81   | cps   |
| Boron      | 11-1  | 29262   | 30398   | 30156   | 29939   | 2.00   | cps   |
| Cadmium    | 111-1 | 3449    | 2933    | 2825    | 3069    | 10.86  | cps   |
| Cadmium    | 106-1 | 3542    | 2800    | 2842    | 3062    | 13.61  | cps   |
| Cadmium    | 108-1 | 92      | 63      | 92      | 82      | 20.55  | cps   |
| Calcium    | 43-1  | 6910    | 6985    | 7127    | 7008    | 1.57   | cps   |
| Calcium    | 44-1  | 238881  | 238865  | 242607  | 240118  | 0.90   | cps   |
| Chromium   | 52-2  | 2814    | 2807    | 2744    | 2788    | 1.39   | cps   |
| Cobalt     | 59-2  | 2014    | 2114    | 1980    | 2036    | 3.41   | cps   |
| Copper     | 63-2  | 3751    | 3360    | 3614    | 3575    | 5.54   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 83      | 25      | 44      | 75.78  | cps   |
| Erbium     | 164-2 | 17      | 10      | 7       | 11      | 45.82  | cps   |
| Gadolinium | 160-1 | 58      | 33      | 25      | 39      | 44.62  | cps   |
| Gadolinium | 160-2 | 23      | 37      | 23      | 28      | 27.73  | cps   |
| Holmium    | 165-1 | 9241250 | 9208628 | 9241579 | 9230486 | 0.21   | cps   |
| Holmium    | 165-2 | 4188792 | 4179718 | 4122284 | 4163598 | 0.87   | cps   |
| Indium     | 115-1 | 6074347 | 6065234 | 6059210 | 6066264 | 0.13   | cps   |
| Indium     | 115-2 | 956304  | 948102  | 935673  | 946693  | 1.10   | cps   |
| Iron       | 56-2  | 50482   | 51301   | 52126   | 51303   | 1.60   | cps   |
| Iron       | 57-2  | 1378    | 1378    | 1350    | 1369    | 1.17   | cps   |
| Lead       | 206-1 | 4884    | 4834    | 5023    | 4914    | 1.99   | cps   |
| Lead       | 207-1 | 4418    | 4684    | 4395    | 4499    | 3.57   | cps   |
| Lead       | 208-1 | 20496   | 20585   | 20284   | 20455   | 0.75   | cps   |
| Lithium    | 6-1   | 4630087 | 4617719 | 4646650 | 4631485 | 0.31   | cps   |
| Magnesium  | 24-2  | 83599   | 82905   | 82912   | 83139   | 0.48   | cps   |
| Manganese  | 55-2  | 670     | 697     | 707     | 691     | 2.74   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S02                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:44:49 | DataFile Name :   | 005CALS_P7112217- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7486     | 7235     | 7352     | 7358     | 1.70   | cps   |
| Molybdenum | 95-1  | 8911     | 8620     | 8895     | 8809     | 1.86   | cps   |
| Molybdenum | 96-1  | 9954     | 9854     | 9912     | 9907     | 0.51   | cps   |
| Molybdenum | 97-1  | 5927     | 5693     | 5743     | 5788     | 2.12   | cps   |
| Molybdenum | 98-1  | 13791    | 14533    | 15059    | 14461    | 4.41   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 677      | 700      | 613      | 663      | 6.76   | cps   |
| Phosphorus | 31-2  | 225      | 167      | 217      | 203      | 15.56  | cps   |
| Potassium  | 39-2  | 66667    | 65596    | 64348    | 65537    | 1.77   | cps   |
| Rhodium    | 103-1 | 5195432  | 5216196  | 5240479  | 5217369  | 0.43   | cps   |
| Rhodium    | 103-2 | 2450325  | 2436284  | 2412257  | 2432955  | 0.79   | cps   |
| Scandium   | 45-1  | 4420121  | 4402806  | 4432777  | 4418568  | 0.34   | cps   |
| Scandium   | 45-2  | 174349   | 172854   | 170140   | 172448   | 1.24   | cps   |
| Selenium   | 77-2  | 17       | 13       | 7        | 12       | 41.65  | cps   |
| Selenium   | 78-2  | 48       | 33       | 57       | 46       | 26.24  | cps   |
| Selenium   | 82-1  | 308      | 278      | 313      | 300      | 6.39   | cps   |
| Silicon    | 28-1  | 30978620 | 31188884 | 31229464 | 31132323 | 0.43   | cps   |
| Silver     | 109-1 | 4935     | 4551     | 4476     | 4654     | 5.29   | cps   |
| Silver     | 107-1 | 5109     | 5093     | 5176     | 5126     | 0.86   | cps   |
| Sodium     | 23-2  | 162967   | 163750   | 162823   | 163180   | 0.31   | cps   |
| Strontium  | 86-1  | 1567     | 1325     | 1417     | 1436     | 8.50   | cps   |
| Strontium  | 88-1  | 10413    | 10513    | 10896    | 10607    | 2.41   | cps   |
| Sulfur     | 34-1  | 615638   | 622540   | 614214   | 617464   | 0.72   | cps   |
| Terbium    | 159-1 | 9252367  | 9286946  | 9339085  | 9292799  | 0.47   | cps   |
| Terbium    | 159-2 | 4030933  | 3990994  | 3958946  | 3993624  | 0.90   | cps   |
| Thallium   | 203-1 | 5218     | 5777     | 5618     | 5538     | 5.20   | cps   |
| Thallium   | 205-1 | 13975    | 13774    | 14008    | 13919    | 0.91   | cps   |
| Tin        | 118-1 | 17078    | 16786    | 17019    | 16961    | 0.91   | cps   |
| Titanium   | 47-1  | 3376     | 3567     | 3359     | 3434     | 3.37   | cps   |
| Uranium    | 238-1 | 20325    | 21034    | 20367    | 20575    | 1.93   | cps   |
| Vanadium   | 51-2  | 4898     | 5064     | 4871     | 4944     | 2.12   | cps   |
| Yttrium    | 89-1  | 5738827  | 5751363  | 5753610  | 5747933  | 0.14   | cps   |
| Yttrium    | 89-2  | 688527   | 683217   | 678906   | 683550   | 0.70   | cps   |
| Zinc       | 66-2  | 900      | 857      | 967      | 908      | 6.10   | cps   |
| Zirconium  | 90-1  | 5785     | 6277     | 5435     | 5832     | 7.25   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S02                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:44:49 | DataFile Name :   | 005CALS_P7112217- MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1417 | 1383 | 1500 | 1433    | 4.19   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 66599   | 67009   | 68549   | 67386   | 1.53   | cps   |
| Antimony   | 121-1 | 227362  | 231318  | 233579  | 230753  | 1.36   | cps   |
| Arsenic    | 75-2  | 6048    | 6007    | 6064    | 6040    | 0.49   | cps   |
| Barium     | 135-1 | 275065  | 270338  | 271572  | 272325  | 0.90   | cps   |
| Barium     | 137-1 | 482976  | 479233  | 476060  | 479423  | 0.72   | cps   |
| Beryllium  | 9-1   | 121645  | 121146  | 120894  | 121228  | 0.31   | cps   |
| Bismuth    | 209-1 | 7116938 | 6988313 | 7055711 | 7053654 | 0.91   | cps   |
| Bismuth    | 209-2 | 3490235 | 3421781 | 3443991 | 3452002 | 1.01   | cps   |
| Boron      | 10-1  | 14983   | 14724   | 15075   | 14927   | 1.22   | cps   |
| Boron      | 11-1  | 65810   | 66280   | 68338   | 66809   | 2.01   | cps   |
| Cadmium    | 111-1 | 58336   | 58042   | 58289   | 58222   | 0.27   | cps   |
| Cadmium    | 106-1 | 9429    | 9162    | 9145    | 9245    | 1.72   | cps   |
| Cadmium    | 108-1 | 4409    | 4263    | 4492    | 4388    | 2.64   | cps   |
| Calcium    | 43-1  | 78014   | 79690   | 78073   | 78592   | 1.21   | cps   |
| Calcium    | 44-1  | 1405374 | 1399690 | 1392915 | 1399326 | 0.45   | cps   |
| Chromium   | 52-2  | 67949   | 67520   | 67199   | 67556   | 0.56   | cps   |
| Cobalt     | 59-2  | 109770  | 109787  | 110475  | 110010  | 0.37   | cps   |
| Copper     | 63-2  | 158281  | 158773  | 159542  | 158865  | 0.40   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 58      | 8       | 50      | 39      | 68.89  | cps   |
| Erbium     | 164-2 | 23      | 10      | 20      | 18      | 39.03  | cps   |
| Gadolinium | 160-1 | 25      | 67      | 58      | 50      | 44.10  | cps   |
| Gadolinium | 160-2 | 20      | 23      | 17      | 20      | 16.65  | cps   |
| Holmium    | 165-1 | 9327123 | 9252205 | 9278311 | 9285880 | 0.41   | cps   |
| Holmium    | 165-2 | 4126393 | 4073096 | 4085294 | 4094928 | 0.68   | cps   |
| Indium     | 115-1 | 6047932 | 6034032 | 6027184 | 6036382 | 0.18   | cps   |
| Indium     | 115-2 | 930515  | 911560  | 928369  | 923481  | 1.12   | cps   |
| Iron       | 56-2  | 2789179 | 2802175 | 2815767 | 2802374 | 0.47   | cps   |
| Iron       | 57-2  | 69660   | 68208   | 69185   | 69018   | 1.07   | cps   |
| Lead       | 206-1 | 258096  | 259235  | 252616  | 256649  | 1.38   | cps   |
| Lead       | 207-1 | 230049  | 230996  | 228146  | 229730  | 0.63   | cps   |
| Lead       | 208-1 | 1041909 | 1047012 | 1033127 | 1040682 | 0.67   | cps   |
| Lithium    | 6-1   | 4570702 | 4575388 | 4561669 | 4569253 | 0.15   | cps   |
| Magnesium  | 24-2  | 897620  | 893906  | 904911  | 898813  | 0.62   | cps   |
| Manganese  | 55-2  | 71040   | 71513   | 72645   | 71733   | 1.15   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 422319   | 417777   | 419377   | 419824   | 0.55   | cps   |
| Molybdenum | 95-1  | 505740   | 501791   | 503940   | 503824   | 0.39   | cps   |
| Molybdenum | 96-1  | 563236   | 555936   | 562566   | 560579   | 0.72   | cps   |
| Molybdenum | 97-1  | 320803   | 319485   | 319251   | 319846   | 0.26   | cps   |
| Molybdenum | 98-1  | 815188   | 816248   | 815531   | 815656   | 0.07   | cps   |
| Neodymium  | 150-1 | 40       | 20       | 53       | 38       | 44.42  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 29360    | 29730    | 29476    | 29522    | 0.64   | cps   |
| Phosphorus | 31-2  | 3184     | 2784     | 2850     | 2939     | 7.29   | cps   |
| Potassium  | 39-2  | 271043   | 268934   | 272159   | 270712   | 0.61   | cps   |
| Rhodium    | 103-1 | 5209399  | 5169823  | 5199028  | 5192750  | 0.40   | cps   |
| Rhodium    | 103-2 | 2387172  | 2357050  | 2360893  | 2368372  | 0.69   | cps   |
| Scandium   | 45-1  | 4405403  | 4407614  | 4376065  | 4396361  | 0.40   | cps   |
| Scandium   | 45-2  | 168195   | 163979   | 165745   | 165973   | 1.28   | cps   |
| Selenium   | 77-2  | 113      | 157      | 137      | 136      | 16.00  | cps   |
| Selenium   | 78-2  | 357      | 348      | 365      | 357      | 2.34   | cps   |
| Selenium   | 82-1  | 3325     | 3210     | 3280     | 3272     | 1.76   | cps   |
| Silicon    | 28-1  | 31307284 | 31087592 | 30845148 | 31080008 | 0.74   | cps   |
| Silver     | 109-1 | 256073   | 254128   | 254814   | 255005   | 0.39   | cps   |
| Silver     | 107-1 | 270076   | 266697   | 266206   | 267660   | 0.79   | cps   |
| Sodium     | 23-2  | 1690501  | 1678106  | 1692262  | 1686956  | 0.46   | cps   |
| Strontium  | 86-1  | 67283    | 66957    | 66278    | 66839    | 0.77   | cps   |
| Strontium  | 88-1  | 586131   | 588645   | 582228   | 585668   | 0.55   | cps   |
| Sulfur     | 34-1  | 639468   | 644425   | 639618   | 641170   | 0.44   | cps   |
| Terbium    | 159-1 | 9298904  | 9272724  | 9285954  | 9285860  | 0.14   | cps   |
| Terbium    | 159-2 | 3972503  | 3910854  | 3949512  | 3944290  | 0.79   | cps   |
| Thallium   | 203-1 | 309122   | 305450   | 307579   | 307384   | 0.60   | cps   |
| Thallium   | 205-1 | 740360   | 739307   | 740390   | 740019   | 0.08   | cps   |
| Tin        | 118-1 | 184266   | 185600   | 182417   | 184094   | 0.87   | cps   |
| Titanium   | 47-1  | 175776   | 174646   | 174091   | 174838   | 0.49   | cps   |
| Uranium    | 238-1 | 1154530  | 1157029  | 1155126  | 1155562  | 0.11   | cps   |
| Vanadium   | 51-2  | 55320    | 54323    | 55136    | 54926    | 0.97   | cps   |
| Yttrium    | 89-1  | 5746872  | 5762952  | 5742761  | 5750862  | 0.19   | cps   |
| Yttrium    | 89-2  | 671846   | 659393   | 665889   | 665709   | 0.94   | cps   |
| Zinc       | 66-2  | 21650    | 21262    | 21760    | 21557    | 1.21   | cps   |
| Zirconium  | 90-1  | 358378   | 356527   | 357244   | 357383   | 0.26   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S03                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:48:39 | DataFile Name :   | 006CALS_P7112217- MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 78784 | 76379 | 78364 | 77842   | 1.65   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P7  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 15:52:30 DataFile Name : 007CAL5\_P7112217- M5

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 167266  | 168363  | 166036  | 167222  | 0.70   | cps   |
| Antimony   | 121-1 | 590059  | 583686  | 595779  | 589841  | 1.03   | cps   |
| Arsenic    | 75-2  | 14687   | 14756   | 14815   | 14753   | 0.43   | cps   |
| Barium     | 135-1 | 674650  | 679159  | 676242  | 676684  | 0.34   | cps   |
| Barium     | 137-1 | 1197912 | 1197094 | 1184119 | 1193042 | 0.65   | cps   |
| Beryllium  | 9-1   | 296689  | 296674  | 297727  | 297030  | 0.20   | cps   |
| Bismuth    | 209-1 | 7024804 | 7087536 | 6962364 | 7024901 | 0.89   | cps   |
| Bismuth    | 209-2 | 3458833 | 3451715 | 3498115 | 3469555 | 0.72   | cps   |
| Boron      | 10-1  | 37004   | 37288   | 37297   | 37197   | 0.45   | cps   |
| Boron      | 11-1  | 166254  | 169219  | 168773  | 168082  | 0.95   | cps   |
| Cadmium    | 111-1 | 139937  | 140375  | 137405  | 139239  | 1.15   | cps   |
| Cadmium    | 106-1 | 19272   | 19030   | 18521   | 18941   | 2.02   | cps   |
| Cadmium    | 108-1 | 11251   | 10725   | 10771   | 10916   | 2.67   | cps   |
| Calcium    | 43-1  | 194293  | 195052  | 195112  | 194819  | 0.23   | cps   |
| Calcium    | 44-1  | 3295272 | 3314644 | 3289949 | 3299955 | 0.39   | cps   |
| Chromium   | 52-2  | 168301  | 168069  | 169245  | 168538  | 0.37   | cps   |
| Cobalt     | 59-2  | 269514  | 267942  | 269738  | 269064  | 0.36   | cps   |
| Copper     | 63-2  | 387745  | 391480  | 389649  | 389625  | 0.48   | cps   |
| Dysprosium | 156-1 | 42      | 50      | 17      | 36      | 48.03  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 13      | 8       | 65.47  | cps   |
| Erbium     | 164-1 | 42      | 42      | 17      | 33      | 43.30  | cps   |
| Erbium     | 164-2 | 13      | 27      | 13      | 18      | 43.33  | cps   |
| Gadolinium | 160-1 | 25      | 75      | 8       | 36      | 96.08  | cps   |
| Gadolinium | 160-2 | 43      | 30      | 53      | 42      | 27.72  | cps   |
| Holmium    | 165-1 | 9201509 | 9268684 | 9190287 | 9220160 | 0.46   | cps   |
| Holmium    | 165-2 | 4103252 | 4126207 | 4181287 | 4136916 | 0.97   | cps   |
| Indium     | 115-1 | 5949387 | 5988039 | 5924934 | 5954120 | 0.53   | cps   |
| Indium     | 115-2 | 917123  | 919499  | 931148  | 922590  | 0.81   | cps   |
| Iron       | 56-2  | 6821694 | 6784633 | 6815078 | 6807135 | 0.29   | cps   |
| Iron       | 57-2  | 167657  | 167235  | 167725  | 167539  | 0.16   | cps   |
| Lead       | 206-1 | 636738  | 632409  | 636548  | 635231  | 0.39   | cps   |
| Lead       | 207-1 | 574298  | 574246  | 576359  | 574968  | 0.21   | cps   |
| Lead       | 208-1 | 2594317 | 2592753 | 2596611 | 2594560 | 0.07   | cps   |
| Lithium    | 6-1   | 4547266 | 4551202 | 4516246 | 4538238 | 0.42   | cps   |
| Magnesium  | 24-2  | 2217069 | 2210405 | 2204643 | 2210706 | 0.28   | cps   |
| Manganese  | 55-2  | 178183  | 177621  | 178366  | 178057  | 0.22   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S04                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:52:30 | DataFile Name :   | 007CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1054349  | 1045710  | 1050660  | 1050239  | 0.41   | cps   |
| Molybdenum | 95-1  | 1260197  | 1258997  | 1256785  | 1258660  | 0.14   | cps   |
| Molybdenum | 96-1  | 1397678  | 1406963  | 1403678  | 1402773  | 0.34   | cps   |
| Molybdenum | 97-1  | 791002   | 790903   | 790348   | 790751   | 0.04   | cps   |
| Molybdenum | 98-1  | 2047147  | 2040067  | 2031863  | 2039692  | 0.37   | cps   |
| Neodymium  | 150-1 | 53       | 67       | 60       | 60       | 11.11  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 70783    | 72136    | 71955    | 71625    | 1.03   | cps   |
| Phosphorus | 31-2  | 7119     | 7169     | 7260     | 7183     | 1.00   | cps   |
| Potassium  | 39-2  | 638442   | 638196   | 636192   | 637610   | 0.19   | cps   |
| Rhodium    | 103-1 | 5074730  | 5126583  | 5040588  | 5080634  | 0.85   | cps   |
| Rhodium    | 103-2 | 2351460  | 2346631  | 2379883  | 2359325  | 0.76   | cps   |
| Scandium   | 45-1  | 4333353  | 4372316  | 4308064  | 4337911  | 0.75   | cps   |
| Scandium   | 45-2  | 165957   | 165320   | 168101   | 166459   | 0.88   | cps   |
| Selenium   | 77-2  | 313      | 233      | 253      | 267      | 15.61  | cps   |
| Selenium   | 78-2  | 985      | 985      | 954      | 975      | 1.86   | cps   |
| Selenium   | 82-1  | 8157     | 8123     | 8077     | 8119     | 0.49   | cps   |
| Silicon    | 28-1  | 30939011 | 31116783 | 31246229 | 31100674 | 0.50   | cps   |
| Silver     | 109-1 | 626694   | 627405   | 629866   | 627988   | 0.26   | cps   |
| Silver     | 107-1 | 664219   | 658095   | 659685   | 660666   | 0.48   | cps   |
| Sodium     | 23-2  | 4204472  | 4182361  | 4177097  | 4187977  | 0.35   | cps   |
| Strontium  | 86-1  | 168798   | 166986   | 164911   | 166898   | 1.17   | cps   |
| Strontium  | 88-1  | 1463140  | 1459021  | 1458986  | 1460382  | 0.16   | cps   |
| Sulfur     | 34-1  | 669464   | 671648   | 672532   | 671215   | 0.24   | cps   |
| Terbium    | 159-1 | 9179384  | 9331271  | 9243129  | 9251261  | 0.82   | cps   |
| Terbium    | 159-2 | 3965854  | 3954946  | 4024573  | 3981791  | 0.94   | cps   |
| Thallium   | 203-1 | 766265   | 760023   | 757997   | 761428   | 0.57   | cps   |
| Thallium   | 205-1 | 1849185  | 1854468  | 1853939  | 1852530  | 0.16   | cps   |
| Tin        | 118-1 | 464849   | 459637   | 463910   | 462798   | 0.60   | cps   |
| Titanium   | 47-1  | 436306   | 433785   | 435520   | 435204   | 0.30   | cps   |
| Uranium    | 238-1 | 2967216  | 2948776  | 2941370  | 2952454  | 0.45   | cps   |
| Vanadium   | 51-2  | 137519   | 135521   | 137365   | 136802   | 0.81   | cps   |
| Yttrium    | 89-1  | 5740120  | 5723222  | 5680779  | 5714707  | 0.53   | cps   |
| Yttrium    | 89-2  | 669602   | 665179   | 674234   | 669672   | 0.68   | cps   |
| Zinc       | 66-2  | 52006    | 52387    | 52176    | 52190    | 0.37   | cps   |
| Zirconium  | 90-1  | 907609   | 903914   | 896666   | 902730   | 0.62   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S04                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:52:30 | DataFile Name :   | 007CALS_P7112217- MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 202767 | 197950 | 198838 | 199852  | 1.28   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 324724   | 322703   | 323988   | 323805   | 0.32   | cps   |
| Antimony   | 121-1 | 1167416  | 1160716  | 1166963  | 1165031  | 0.32   | cps   |
| Arsenic    | 75-2  | 28903    | 29402    | 28715    | 29007    | 1.22   | cps   |
| Barium     | 135-1 | 1346754  | 1335711  | 1347153  | 1343206  | 0.48   | cps   |
| Barium     | 137-1 | 2388140  | 2384751  | 2389691  | 2387527  | 0.11   | cps   |
| Beryllium  | 9-1   | 581972   | 577241   | 582275   | 580496   | 0.49   | cps   |
| Bismuth    | 209-1 | 7056828  | 7078531  | 6963099  | 7032819  | 0.87   | cps   |
| Bismuth    | 209-2 | 3396072  | 3249063  | 3429201  | 3358112  | 2.86   | cps   |
| Boron      | 10-1  | 72625    | 73252    | 74710    | 73529    | 1.45   | cps   |
| Boron      | 11-1  | 326080   | 332590   | 333111   | 330594   | 1.19   | cps   |
| Cadmium    | 111-1 | 273425   | 270376   | 273208   | 272336   | 0.62   | cps   |
| Cadmium    | 106-1 | 34217    | 32522    | 33950    | 33563    | 2.72   | cps   |
| Cadmium    | 108-1 | 21759    | 22055    | 21638    | 21817    | 0.98   | cps   |
| Calcium    | 43-1  | 388490   | 389171   | 386785   | 388149   | 0.32   | cps   |
| Calcium    | 44-1  | 6235994  | 6220784  | 6251674  | 6236151  | 0.25   | cps   |
| Chromium   | 52-2  | 325783   | 324057   | 324421   | 324753   | 0.28   | cps   |
| Cobalt     | 59-2  | 523824   | 520566   | 525113   | 523168   | 0.45   | cps   |
| Copper     | 63-2  | 750568   | 753459   | 747243   | 750423   | 0.41   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 42       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 0        | 33       | 25       | 19       | 89.22  | cps   |
| Erbium     | 164-2 | 20       | 23       | 13       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Gadolinium | 160-2 | 53       | 63       | 43       | 53       | 18.75  | cps   |
| Holmium    | 165-1 | 9307505  | 9528640  | 9235976  | 9357374  | 1.63   | cps   |
| Holmium    | 165-2 | 4104031  | 3946396  | 4135658  | 4062028  | 2.50   | cps   |
| Indium     | 115-1 | 5991550  | 6099730  | 5903769  | 5998350  | 1.64   | cps   |
| Indium     | 115-2 | 899248   | 867947   | 908636   | 891944   | 2.39   | cps   |
| Iron       | 56-2  | 13231280 | 13249779 | 13187777 | 13222946 | 0.24   | cps   |
| Iron       | 57-2  | 324187   | 324414   | 322658   | 323753   | 0.29   | cps   |
| Lead       | 206-1 | 1249822  | 1261131  | 1266029  | 1258994  | 0.66   | cps   |
| Lead       | 207-1 | 1128429  | 1144224  | 1139696  | 1137449  | 0.72   | cps   |
| Lead       | 208-1 | 5122519  | 5131727  | 5143567  | 5132604  | 0.21   | cps   |
| Lithium    | 6-1   | 4531898  | 4614056  | 4493570  | 4546508  | 1.35   | cps   |
| Magnesium  | 24-2  | 4327043  | 4330165  | 4359424  | 4338877  | 0.41   | cps   |
| Manganese  | 55-2  | 344500   | 346937   | 347723   | 346387   | 0.49   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2078001  | 2064640  | 2079924  | 2074188  | 0.40   | cps   |
| Molybdenum | 95-1  | 2508216  | 2491062  | 2501109  | 2500129  | 0.34   | cps   |
| Molybdenum | 96-1  | 2790636  | 2784803  | 2788826  | 2788089  | 0.11   | cps   |
| Molybdenum | 97-1  | 1563457  | 1567555  | 1558488  | 1563167  | 0.29   | cps   |
| Molybdenum | 98-1  | 4068671  | 4075728  | 4076915  | 4073772  | 0.11   | cps   |
| Neodymium  | 150-1 | 87       | 140      | 107      | 111      | 24.25  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 136760   | 139270   | 138032   | 138021   | 0.91   | cps   |
| Phosphorus | 31-2  | 14149    | 13682    | 13957    | 13929    | 1.69   | cps   |
| Potassium  | 39-2  | 1222148  | 1216731  | 1232433  | 1223771  | 0.65   | cps   |
| Rhodium    | 103-1 | 5062982  | 5156112  | 5022208  | 5080434  | 1.35   | cps   |
| Rhodium    | 103-2 | 2297720  | 2210426  | 2303548  | 2270565  | 2.30   | cps   |
| Scandium   | 45-1  | 4304534  | 4444518  | 4243780  | 4330944  | 2.38   | cps   |
| Scandium   | 45-2  | 163517   | 156294   | 163532   | 161114   | 2.59   | cps   |
| Selenium   | 77-2  | 573      | 543      | 583      | 567      | 3.67   | cps   |
| Selenium   | 78-2  | 1848     | 2111     | 1795     | 1918     | 8.84   | cps   |
| Selenium   | 82-1  | 15692    | 15796    | 16062    | 15850    | 1.20   | cps   |
| Silicon    | 28-1  | 31272331 | 31195617 | 31233263 | 31233737 | 0.12   | cps   |
| Silver     | 109-1 | 1238677  | 1237651  | 1233508  | 1236612  | 0.22   | cps   |
| Silver     | 107-1 | 1297388  | 1284466  | 1290602  | 1290818  | 0.50   | cps   |
| Sodium     | 23-2  | 8088454  | 8079602  | 8098654  | 8088904  | 0.12   | cps   |
| Strontium  | 86-1  | 328513   | 328079   | 330250   | 328948   | 0.35   | cps   |
| Strontium  | 88-1  | 2928224  | 2919017  | 2913142  | 2920128  | 0.26   | cps   |
| Sulfur     | 34-1  | 728298   | 726100   | 726999   | 727132   | 0.15   | cps   |
| Terbium    | 159-1 | 9344467  | 9552630  | 9194602  | 9363900  | 1.92   | cps   |
| Terbium    | 159-2 | 3930719  | 3778397  | 3956157  | 3888424  | 2.47   | cps   |
| Thallium   | 203-1 | 1510425  | 1505259  | 1530712  | 1515465  | 0.89   | cps   |
| Thallium   | 205-1 | 3705157  | 3707973  | 3723989  | 3712373  | 0.27   | cps   |
| Tin        | 118-1 | 915923   | 904916   | 915507   | 912115   | 0.68   | cps   |
| Titanium   | 47-1  | 862674   | 855946   | 856324   | 858315   | 0.44   | cps   |
| Uranium    | 238-1 | 5941408  | 5883841  | 5954147  | 5926465  | 0.63   | cps   |
| Vanadium   | 51-2  | 265877   | 264790   | 264587   | 265085   | 0.26   | cps   |
| Yttrium    | 89-1  | 5713203  | 5838222  | 5680371  | 5743932  | 1.45   | cps   |
| Yttrium    | 89-2  | 652629   | 631655   | 657915   | 647400   | 2.15   | cps   |
| Zinc       | 66-2  | 100567   | 101311   | 101879   | 101252   | 0.65   | cps   |
| Zirconium  | 90-1  | 1800053  | 1782790  | 1799204  | 1794015  | 0.54   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S05                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 15:56:17 | DataFile Name :   | 008CALS_P7112217- MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 394695 | 393464 | 396849 | 395003  | 0.43   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P7  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 16:00:02 DataFile Name : 009CAL5\_P7112217- M5

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 622069   | 622266   | 622098   | 622144   | 0.02   | cps   |
| Antimony   | 121-1 | 2284934  | 2301766  | 2313440  | 2300047  | 0.62   | cps   |
| Arsenic    | 75-2  | 55937    | 56437    | 55567    | 55980    | 0.78   | cps   |
| Barium     | 135-1 | 2640576  | 2654993  | 2660701  | 2652090  | 0.39   | cps   |
| Barium     | 137-1 | 4676194  | 4700093  | 4714213  | 4696833  | 0.41   | cps   |
| Beryllium  | 9-1   | 1120880  | 1123408  | 1124913  | 1123067  | 0.18   | cps   |
| Bismuth    | 209-1 | 6976938  | 6967849  | 6768583  | 6904457  | 1.71   | cps   |
| Bismuth    | 209-2 | 3278769  | 3318024  | 3392905  | 3329899  | 1.74   | cps   |
| Boron      | 10-1  | 139765   | 143953   | 144803   | 142840   | 1.89   | cps   |
| Boron      | 11-1  | 627392   | 638998   | 647823   | 638071   | 1.61   | cps   |
| Cadmium    | 111-1 | 525203   | 527800   | 527835   | 526946   | 0.29   | cps   |
| Cadmium    | 106-1 | 64815    | 63468    | 63032    | 63772    | 1.46   | cps   |
| Cadmium    | 108-1 | 41703    | 40391    | 41181    | 41092    | 1.61   | cps   |
| Calcium    | 43-1  | 752410   | 754924   | 752614   | 753316   | 0.19   | cps   |
| Calcium    | 44-1  | 11976290 | 11911628 | 12074276 | 11987398 | 0.68   | cps   |
| Chromium   | 52-2  | 627368   | 629446   | 620530   | 625781   | 0.75   | cps   |
| Cobalt     | 59-2  | 994993   | 1004435  | 992064   | 997164   | 0.65   | cps   |
| Copper     | 63-2  | 1422678  | 1430739  | 1417003  | 1423473  | 0.48   | cps   |
| Dysprosium | 156-1 | 67       | 42       | 75       | 61       | 28.38  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Erbium     | 164-1 | 67       | 42       | 33       | 47       | 36.74  | cps   |
| Erbium     | 164-2 | 3        | 17       | 30       | 17       | 80.01  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 67       | 61       | 15.75  | cps   |
| Gadolinium | 160-2 | 40       | 20       | 63       | 41       | 52.75  | cps   |
| Holmium    | 165-1 | 9308784  | 9256231  | 9073752  | 9212922  | 1.34   | cps   |
| Holmium    | 165-2 | 4020615  | 4060059  | 4111551  | 4064075  | 1.12   | cps   |
| Indium     | 115-1 | 5884856  | 5852429  | 5679746  | 5805677  | 1.90   | cps   |
| Indium     | 115-2 | 870587   | 872239   | 880537   | 874454   | 0.61   | cps   |
| Iron       | 56-2  | 25510135 | 25669311 | 25296077 | 25491841 | 0.73   | cps   |
| Iron       | 57-2  | 625419   | 631291   | 622189   | 626300   | 0.74   | cps   |
| Lead       | 206-1 | 2468898  | 2474429  | 2491781  | 2478369  | 0.48   | cps   |
| Lead       | 207-1 | 2235575  | 2236527  | 2252690  | 2241597  | 0.43   | cps   |
| Lead       | 208-1 | 10144969 | 10166773 | 10228570 | 10180104 | 0.43   | cps   |
| Lithium    | 6-1   | 4453611  | 4411036  | 4301647  | 4388765  | 1.79   | cps   |
| Magnesium  | 24-2  | 8329574  | 8358566  | 8290764  | 8326301  | 0.41   | cps   |
| Manganese  | 55-2  | 661199   | 666183   | 659174   | 662185   | 0.54   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S06                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:00:02 | DataFile Name :   | 009CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4071325  | 4096421  | 4101954  | 4089900  | 0.40   | cps   |
| Molybdenum | 95-1  | 4901146  | 4924121  | 4941081  | 4922116  | 0.41   | cps   |
| Molybdenum | 96-1  | 5478710  | 5476001  | 5505638  | 5486783  | 0.30   | cps   |
| Molybdenum | 97-1  | 3064209  | 3071458  | 3073925  | 3069864  | 0.16   | cps   |
| Molybdenum | 98-1  | 7934756  | 7960324  | 7942048  | 7945709  | 0.17   | cps   |
| Neodymium  | 150-1 | 187      | 187      | 207      | 193      | 5.98   | cps   |
| Neodymium  | 150-2 | 13       | 3        | 17       | 11       | 62.48  | cps   |
| Nickel     | 60-2  | 262874   | 263752   | 262356   | 262994   | 0.27   | cps   |
| Phosphorus | 31-2  | 26207    | 27101    | 26783    | 26697    | 1.70   | cps   |
| Potassium  | 39-2  | 2343429  | 2353261  | 2331625  | 2342772  | 0.46   | cps   |
| Rhodium    | 103-1 | 4917091  | 4912336  | 4767095  | 4865507  | 1.75   | cps   |
| Rhodium    | 103-2 | 2208849  | 2210529  | 2238592  | 2219323  | 0.75   | cps   |
| Scandium   | 45-1  | 4263983  | 4220465  | 4121177  | 4201875  | 1.74   | cps   |
| Scandium   | 45-2  | 159444   | 157449   | 162547   | 159813   | 1.61   | cps   |
| Selenium   | 77-2  | 1017     | 1163     | 1157     | 1112     | 7.45   | cps   |
| Selenium   | 78-2  | 3541     | 3493     | 3606     | 3547     | 1.60   | cps   |
| Selenium   | 82-1  | 30491    | 30926    | 31023    | 30813    | 0.92   | cps   |
| Silicon    | 28-1  | 31330434 | 30938467 | 31048482 | 31105794 | 0.65   | cps   |
| Silver     | 109-1 | 2397119  | 2392578  | 2384326  | 2391341  | 0.27   | cps   |
| Silver     | 107-1 | 2512218  | 2512567  | 2506735  | 2510507  | 0.13   | cps   |
| Sodium     | 23-2  | 15600108 | 15608206 | 15460739 | 15556351 | 0.53   | cps   |
| Strontium  | 86-1  | 633446   | 641232   | 638315   | 637664   | 0.62   | cps   |
| Strontium  | 88-1  | 5660615  | 5679991  | 5718573  | 5686393  | 0.52   | cps   |
| Sulfur     | 34-1  | 833404   | 834639   | 834116   | 834053   | 0.07   | cps   |
| Terbium    | 159-1 | 9350118  | 9272134  | 9089084  | 9237112  | 1.45   | cps   |
| Terbium    | 159-2 | 3858471  | 3852071  | 3935711  | 3882084  | 1.20   | cps   |
| Thallium   | 203-1 | 3004401  | 2991878  | 3025908  | 3007395  | 0.57   | cps   |
| Thallium   | 205-1 | 7225694  | 7235600  | 7299250  | 7253515  | 0.55   | cps   |
| Tin        | 118-1 | 1781099  | 1765300  | 1779138  | 1775179  | 0.49   | cps   |
| Titanium   | 47-1  | 1670343  | 1654535  | 1667673  | 1664183  | 0.51   | cps   |
| Uranium    | 238-1 | 11489049 | 11513053 | 11447430 | 11483177 | 0.29   | cps   |
| Vanadium   | 51-2  | 512118   | 512890   | 510649   | 511886   | 0.22   | cps   |
| Yttrium    | 89-1  | 5687610  | 5630370  | 5516859  | 5611613  | 1.55   | cps   |
| Yttrium    | 89-2  | 638448   | 639781   | 648086   | 642105   | 0.81   | cps   |
| Zinc       | 66-2  | 191141   | 192997   | 189771   | 191303   | 0.85   | cps   |
| Zirconium  | 90-1  | 3516621  | 3496214  | 3495036  | 3502624  | 0.35   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S06                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:00:02 | DataFile Name :   | 009CALS_P7112217- MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 765561 | 769109 | 774364 | 769678  | 0.58   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P7  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 16:03:46 DataFile Name : 010CAL5\_P7112217- M5

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1205121  | 1198752  | 1194004  | 1199292  | 0.47   | cps   |
| Antimony   | 121-1 | 4496267  | 4529750  | 4540092  | 4522037  | 0.51   | cps   |
| Arsenic    | 75-2  | 108092   | 107743   | 107163   | 107666   | 0.44   | cps   |
| Barium     | 135-1 | 5226261  | 5276573  | 5271835  | 5258223  | 0.53   | cps   |
| Barium     | 137-1 | 9316871  | 9351285  | 9338014  | 9335390  | 0.19   | cps   |
| Beryllium  | 9-1   | 2145129  | 2141984  | 2145054  | 2144056  | 0.08   | cps   |
| Bismuth    | 209-1 | 6853799  | 6715722  | 6719379  | 6762967  | 1.16   | cps   |
| Bismuth    | 209-2 | 3206622  | 3190014  | 3200273  | 3198970  | 0.26   | cps   |
| Boron      | 10-1  | 274326   | 278550   | 282698   | 278524   | 1.50   | cps   |
| Boron      | 11-1  | 1232850  | 1253509  | 1270224  | 1252194  | 1.50   | cps   |
| Cadmium    | 111-1 | 1010497  | 1015600  | 1014859  | 1013652  | 0.27   | cps   |
| Cadmium    | 106-1 | 120669   | 120139   | 122290   | 121033   | 0.93   | cps   |
| Cadmium    | 108-1 | 79999    | 80950    | 80443    | 80464    | 0.59   | cps   |
| Calcium    | 43-1  | 1456546  | 1454196  | 1462168  | 1457637  | 0.28   | cps   |
| Calcium    | 44-1  | 23165171 | 23181246 | 23257924 | 23201447 | 0.21   | cps   |
| Chromium   | 52-2  | 1209595  | 1202874  | 1203479  | 1205316  | 0.31   | cps   |
| Cobalt     | 59-2  | 1913425  | 1917042  | 1906145  | 1912204  | 0.29   | cps   |
| Copper     | 63-2  | 2721800  | 2724789  | 2724525  | 2723705  | 0.06   | cps   |
| Dysprosium | 156-1 | 133      | 133      | 92       | 119      | 20.14  | cps   |
| Dysprosium | 156-2 | 33       | 27       | 20       | 27       | 24.99  | cps   |
| Erbium     | 164-1 | 25       | 58       | 42       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 50       | 83       | 34.64  | cps   |
| Gadolinium | 160-2 | 90       | 50       | 57       | 66       | 32.69  | cps   |
| Holmium    | 165-1 | 9407534  | 9204825  | 9211693  | 9274684  | 1.24   | cps   |
| Holmium    | 165-2 | 3973194  | 3933664  | 3973288  | 3960049  | 0.58   | cps   |
| Indium     | 115-1 | 5792718  | 5620075  | 5655441  | 5689411  | 1.60   | cps   |
| Indium     | 115-2 | 835641   | 836118   | 838609   | 836790   | 0.19   | cps   |
| Iron       | 56-2  | 49257208 | 48971772 | 48845257 | 49024746 | 0.43   | cps   |
| Iron       | 57-2  | 1201175  | 1200297  | 1200273  | 1200582  | 0.04   | cps   |
| Lead       | 206-1 | 4867763  | 4878192  | 4887133  | 4877696  | 0.20   | cps   |
| Lead       | 207-1 | 4431933  | 4411650  | 4456395  | 4433326  | 0.51   | cps   |
| Lead       | 208-1 | 20081000 | 20067028 | 20124411 | 20090813 | 0.15   | cps   |
| Lithium    | 6-1   | 4391809  | 4270427  | 4295123  | 4319119  | 1.49   | cps   |
| Magnesium  | 24-2  | 15975370 | 15946993 | 16042571 | 15988311 | 0.31   | cps   |
| Manganese  | 55-2  | 1286055  | 1284528  | 1280334  | 1283639  | 0.23   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S07                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:03:46 | DataFile Name :   | 010CAL5_P7112217- M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7996049  | 8026329  | 8034925  | 8019101  | 0.25   | cps   |
| Molybdenum | 95-1  | 9688217  | 9730331  | 9690990  | 9703179  | 0.24   | cps   |
| Molybdenum | 96-1  | 10826810 | 10824659 | 10818550 | 10823340 | 0.04   | cps   |
| Molybdenum | 97-1  | 6029611  | 5991439  | 6020609  | 6013887  | 0.33   | cps   |
| Molybdenum | 98-1  | 15660916 | 15615782 | 15663192 | 15646630 | 0.17   | cps   |
| Neodymium  | 150-1 | 327      | 427      | 333      | 362      | 15.44  | cps   |
| Neodymium  | 150-2 | 20       | 27       | 17       | 21       | 24.12  | cps   |
| Nickel     | 60-2  | 497933   | 497736   | 496686   | 497452   | 0.13   | cps   |
| Phosphorus | 31-2  | 50110    | 51339    | 51248    | 50899    | 1.35   | cps   |
| Potassium  | 39-2  | 4569037  | 4532725  | 4561178  | 4554313  | 0.42   | cps   |
| Rhodium    | 103-1 | 4826584  | 4692429  | 4717392  | 4745468  | 1.50   | cps   |
| Rhodium    | 103-2 | 2120554  | 2110779  | 2120643  | 2117325  | 0.27   | cps   |
| Scandium   | 45-1  | 4240436  | 4098764  | 4132316  | 4157172  | 1.78   | cps   |
| Scandium   | 45-2  | 154236   | 153694   | 153081   | 153670   | 0.38   | cps   |
| Selenium   | 77-2  | 2094     | 2000     | 2027     | 2040     | 2.36   | cps   |
| Selenium   | 78-2  | 6720     | 6633     | 6663     | 6672     | 0.66   | cps   |
| Selenium   | 82-1  | 58645    | 58870    | 58775    | 58763    | 0.19   | cps   |
| Silicon    | 28-1  | 31972857 | 32253986 | 32208681 | 32145175 | 0.47   | cps   |
| Silver     | 109-1 | 4591228  | 4604619  | 4608290  | 4601379  | 0.20   | cps   |
| Silver     | 107-1 | 4833046  | 4837273  | 4853865  | 4841395  | 0.23   | cps   |
| Sodium     | 23-2  | 30162944 | 30078036 | 30160544 | 30133842 | 0.16   | cps   |
| Strontium  | 86-1  | 1255305  | 1263548  | 1265570  | 1261474  | 0.43   | cps   |
| Strontium  | 88-1  | 11179112 | 11239536 | 11287852 | 11235500 | 0.48   | cps   |
| Sulfur     | 34-1  | 1056141  | 1061615  | 1059849  | 1059201  | 0.26   | cps   |
| Terbium    | 159-1 | 9412074  | 9175100  | 9242189  | 9276454  | 1.32   | cps   |
| Terbium    | 159-2 | 3786383  | 3762464  | 3788475  | 3779107  | 0.38   | cps   |
| Thallium   | 203-1 | 5900064  | 5932861  | 5919002  | 5917309  | 0.28   | cps   |
| Thallium   | 205-1 | 14229584 | 14246909 | 14260956 | 14245816 | 0.11   | cps   |
| Tin        | 118-1 | 3498447  | 3527170  | 3524610  | 3516742  | 0.45   | cps   |
| Titanium   | 47-1  | 3288033  | 3254896  | 3279221  | 3274050  | 0.52   | cps   |
| Uranium    | 238-1 | 23012267 | 22938553 | 22989059 | 22979960 | 0.16   | cps   |
| Vanadium   | 51-2  | 997326   | 994273   | 998571   | 996724   | 0.22   | cps   |
| Yttrium    | 89-1  | 5627402  | 5510929  | 5532861  | 5557064  | 1.11   | cps   |
| Yttrium    | 89-2  | 623321   | 615061   | 624254   | 620878   | 0.81   | cps   |
| Zinc       | 66-2  | 363489   | 365788   | 363655   | 364311   | 0.35   | cps   |
| Zirconium  | 90-1  | 6844207  | 6875382  | 6867569  | 6862386  | 0.24   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S07                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:03:46 | DataFile Name :   | 010CALS_P7112217- MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1509725 | 1519093 | 1522941 | 1517253 | 0.45   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CAL5_P7112217- MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6163929   | 6215969   | 6197257   | 6192385   | 0.43   | cps   |
| Antimony   | 121-1 | 12423     | 13474     | 12464     | 12787     | 4.65   | cps   |
| Arsenic    | 75-2  | 65        | 44        | 37        | 49        | 29.50  | cps   |
| Barium     | 135-1 | 1492      | 1684      | 1417      | 1531      | 8.99   | cps   |
| Barium     | 137-1 | 2617      | 2825      | 2550      | 2664      | 5.39   | cps   |
| Beryllium  | 9-1   | 1122      | 1139      | 1145      | 1135      | 1.02   | cps   |
| Bismuth    | 209-1 | 5841531   | 6081677   | 6088414   | 6003874   | 2.34   | cps   |
| Bismuth    | 209-2 | 2924173   | 2905758   | 2998241   | 2942724   | 1.66   | cps   |
| Boron      | 10-1  | 4876      | 4209      | 4059      | 4381      | 9.93   | cps   |
| Boron      | 11-1  | 22067     | 20156     | 17202     | 19808     | 12.37  | cps   |
| Cadmium    | 111-1 | 2239      | 2103      | 2010      | 2117      | 5.43   | cps   |
| Cadmium    | 106-1 | 3017      | 2842      | 2725      | 2862      | 5.13   | cps   |
| Cadmium    | 108-1 | 33        | 17        | 8         | 19        | 65.47  | cps   |
| Calcium    | 43-1  | 7300087   | 7269916   | 7240436   | 7270146   | 0.41   | cps   |
| Calcium    | 44-1  | 114784103 | 113775615 | 113606494 | 114055404 | 0.56   | cps   |
| Chromium   | 52-2  | 15405     | 15879     | 15525     | 15603     | 1.58   | cps   |
| Cobalt     | 59-2  | 2317      | 2247      | 2407      | 2324      | 3.45   | cps   |
| Copper     | 63-2  | 4838      | 4954      | 4728      | 4840      | 2.34   | cps   |
| Dysprosium | 156-1 | 92        | 42        | 50        | 61        | 43.83  | cps   |
| Dysprosium | 156-2 | 20        | 17        | 30        | 22        | 31.22  | cps   |
| Erbium     | 164-1 | 25        | 42        | 67        | 44        | 47.19  | cps   |
| Erbium     | 164-2 | 13        | 7         | 13        | 11        | 34.61  | cps   |
| Gadolinium | 160-1 | 33        | 42        | 42        | 39        | 12.38  | cps   |
| Gadolinium | 160-2 | 40        | 33        | 40        | 38        | 10.19  | cps   |
| Holmium    | 165-1 | 8527352   | 8819410   | 8773596   | 8706786   | 1.80   | cps   |
| Holmium    | 165-2 | 3802050   | 3764807   | 3854817   | 3807224   | 1.19   | cps   |
| Indium     | 115-1 | 5149865   | 5312455   | 5276853   | 5246391   | 1.63   | cps   |
| Indium     | 115-2 | 813019    | 807690    | 823428    | 814712    | 0.98   | cps   |
| Iron       | 56-2  | 240619544 | 241483217 | 240415889 | 240839550 | 0.24   | cps   |
| Iron       | 57-2  | 5895114   | 5921786   | 5942065   | 5919655   | 0.40   | cps   |
| Lead       | 206-1 | 8097      | 8631      | 8208      | 8312      | 3.39   | cps   |
| Lead       | 207-1 | 7274      | 7474      | 6824      | 7191      | 4.63   | cps   |
| Lead       | 208-1 | 33295     | 33890     | 32595     | 33260     | 1.95   | cps   |
| Lithium    | 6-1   | 3981590   | 4084660   | 4092819   | 4053023   | 1.53   | cps   |
| Magnesium  | 24-2  | 79806068  | 80310758  | 80160439  | 80092422  | 0.32   | cps   |
| Manganese  | 55-2  | 3884      | 3704      | 3527      | 3705      | 4.81   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CAL5_P7112217- MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 4326      | 4576      | 4459      | 4454      | 2.81   | cps   |
| Molybdenum | 95-1  | 7186      | 7110      | 7119      | 7138      | 0.58   | cps   |
| Molybdenum | 96-1  | 7494      | 7060      | 7486      | 7347      | 3.37   | cps   |
| Molybdenum | 97-1  | 4409      | 4084      | 4051      | 4181      | 4.74   | cps   |
| Molybdenum | 98-1  | 11180     | 10646     | 10321     | 10716     | 4.05   | cps   |
| Neodymium  | 150-1 | 40        | 40        | 47        | 42        | 9.12   | cps   |
| Neodymium  | 150-2 | 13        | 23        | 23        | 20        | 28.87  | cps   |
| Nickel     | 60-2  | 5258      | 5258      | 5284      | 5267      | 0.29   | cps   |
| Phosphorus | 31-2  | 217       | 200       | 200       | 206       | 4.68   | cps   |
| Potassium  | 39-2  | 22938431  | 23101298  | 23104651  | 23048127  | 0.41   | cps   |
| Rhodium    | 103-1 | 4194560   | 4345663   | 4327170   | 4289131   | 1.92   | cps   |
| Rhodium    | 103-2 | 1965124   | 1950959   | 1996705   | 1970929   | 1.19   | cps   |
| Scandium   | 45-1  | 3886155   | 3991972   | 3974110   | 3950746   | 1.43   | cps   |
| Scandium   | 45-2  | 156934    | 155506    | 158461    | 156967    | 0.94   | cps   |
| Selenium   | 77-2  | 0         | 0         | 0         | 0         | 0.00   | cps   |
| Selenium   | 78-2  | 13        | 17        | 11        | 14        | 20.85  | cps   |
| Selenium   | 82-1  | 38        | 33        | -13       | 19        | 146.49 | cps   |
| Silicon    | 28-1  | 29485300  | 29270549  | 29311082  | 29355643  | 0.39   | cps   |
| Silver     | 109-1 | 583       | 525       | 500       | 536       | 7.98   | cps   |
| Silver     | 107-1 | 492       | 583       | 558       | 544       | 8.70   | cps   |
| Sodium     | 23-2  | 150294087 | 151233595 | 151243424 | 150923702 | 0.36   | cps   |
| Strontium  | 86-1  | 41444     | 43383     | 41878     | 42235     | 2.41   | cps   |
| Strontium  | 88-1  | 371520    | 373680    | 370666    | 371955    | 0.42   | cps   |
| Sulfur     | 34-1  | 549339    | 547112    | 546737    | 547729    | 0.26   | cps   |
| Terbium    | 159-1 | 8525607   | 8830543   | 8753564   | 8703238   | 1.82   | cps   |
| Terbium    | 159-2 | 3644266   | 3592865   | 3679526   | 3638886   | 1.20   | cps   |
| Thallium   | 203-1 | 1292      | 1542      | 1350      | 1395      | 9.38   | cps   |
| Thallium   | 205-1 | 4067      | 3692      | 3492      | 3751      | 7.79   | cps   |
| Tin        | 118-1 | 4943      | 5126      | 4484      | 4851      | 6.82   | cps   |
| Titanium   | 47-1  | 817       | 742       | 908       | 822       | 10.15  | cps   |
| Uranium    | 238-1 | 1767      | 1725      | 1575      | 1689      | 5.97   | cps   |
| Vanadium   | 51-2  | 160       | 197       | 197       | 184       | 11.48  | cps   |
| Yttrium    | 89-1  | 5170715   | 5306771   | 5307745   | 5261743   | 1.50   | cps   |
| Yttrium    | 89-2  | 616464    | 612831    | 627551    | 618948    | 1.24   | cps   |
| Zinc       | 66-2  | 1697      | 1697      | 1530      | 1641      | 5.86   | cps   |
| Zirconium  | 90-1  | 1317      | 1442      | 1400      | 1386      | 4.59   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | S08                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:07:27 | DataFile Name :   | 011CALS_P7112217- MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 383  | 383  | 333     | 25.98  | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.E |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 34491   | 33781   | 34691   | 34321   | 1.39   | cps   |
| Antimony   | 121-1 | 940059  | 947539  | 948518  | 945372  | 0.49   | cps   |
| Arsenic    | 75-2  | 24597   | 24050   | 24562   | 24403   | 1.26   | cps   |
| Barium     | 135-1 | 111570  | 111050  | 110437  | 111019  | 0.51   | cps   |
| Barium     | 137-1 | 198112  | 196564  | 194782  | 196486  | 0.85   | cps   |
| Beryllium  | 9-1   | 240363  | 239747  | 240247  | 240119  | 0.14   | cps   |
| Bismuth    | 209-1 | 7253263 | 7245077 | 7309921 | 7269420 | 0.49   | cps   |
| Bismuth    | 209-2 | 3589928 | 3498448 | 3594196 | 3560857 | 1.52   | cps   |
| Boron      | 10-1  | 147462  | 151273  | 153571  | 150769  | 2.05   | cps   |
| Boron      | 11-1  | 655374  | 682070  | 690927  | 676124  | 2.74   | cps   |
| Cadmium    | 111-1 | 120406  | 119729  | 119956  | 120030  | 0.29   | cps   |
| Cadmium    | 106-1 | 29573   | 29741   | 29390   | 29568   | 0.59   | cps   |
| Cadmium    | 108-1 | 13494   | 13644   | 13390   | 13509   | 0.95   | cps   |
| Calcium    | 43-1  | 34449   | 35059   | 35861   | 35123   | 2.02   | cps   |
| Calcium    | 44-1  | 670236  | 674633  | 667236  | 670702  | 0.55   | cps   |
| Chromium   | 52-2  | 135741  | 133481  | 135896  | 135039  | 1.00   | cps   |
| Cobalt     | 59-2  | 223241  | 219374  | 222472  | 221696  | 0.92   | cps   |
| Copper     | 63-2  | 160562  | 157995  | 159791  | 159449  | 0.83   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Erbium     | 164-1 | 67      | 100     | 150     | 106     | 39.74  | cps   |
| Erbium     | 164-2 | 23      | 37      | 27      | 29      | 24.03  | cps   |
| Gadolinium | 160-1 | 50      | 75      | 17      | 47      | 61.97  | cps   |
| Gadolinium | 160-2 | 53      | 60      | 30      | 48      | 32.97  | cps   |
| Holmium    | 165-1 | 9536545 | 9575235 | 9671994 | 9594591 | 0.73   | cps   |
| Holmium    | 165-2 | 4269355 | 4166319 | 4266127 | 4233934 | 1.38   | cps   |
| Indium     | 115-1 | 6222526 | 6222779 | 6273666 | 6239657 | 0.47   | cps   |
| Indium     | 115-2 | 957801  | 941594  | 954428  | 951274  | 0.90   | cps   |
| Iron       | 56-2  | 1137543 | 1112851 | 1135702 | 1128699 | 1.22   | cps   |
| Iron       | 57-2  | 27721   | 27515   | 27047   | 27428   | 1.26   | cps   |
| Lead       | 206-1 | 1046496 | 1043986 | 1047604 | 1046029 | 0.18   | cps   |
| Lead       | 207-1 | 917477  | 912729  | 914786  | 914997  | 0.26   | cps   |
| Lead       | 208-1 | 4210073 | 4200197 | 4206676 | 4205649 | 0.12   | cps   |
| Lithium    | 6-1   | 4735471 | 4732479 | 4759818 | 4742589 | 0.32   | cps   |
| Magnesium  | 24-2  | 214520  | 214843  | 219159  | 216174  | 1.20   | cps   |
| Manganese  | 55-2  | 72407   | 71097   | 72531   | 72012   | 1.10   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.L |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1960657  | 1957546  | 1940033  | 1952745  | 0.57   | cps   |
| Molybdenum | 95-1  | 1047705  | 1043620  | 1034354  | 1041893  | 0.66   | cps   |
| Molybdenum | 96-1  | 1344436  | 1339778  | 1323001  | 1335738  | 0.84   | cps   |
| Molybdenum | 97-1  | 650117   | 650071   | 644904   | 648364   | 0.46   | cps   |
| Molybdenum | 98-1  | 1676509  | 1678792  | 1671886  | 1675729  | 0.21   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 59942    | 58760    | 59744    | 59482    | 1.06   | cps   |
| Phosphorus | 31-2  | 183      | 233      | 200      | 206      | 12.39  | cps   |
| Potassium  | 39-2  | 227458   | 221191   | 226756   | 225135   | 1.53   | cps   |
| Rhodium    | 103-1 | 5434398  | 5401832  | 5425120  | 5420450  | 0.31   | cps   |
| Rhodium    | 103-2 | 2481714  | 2437802  | 2482030  | 2467182  | 1.03   | cps   |
| Scandium   | 45-1  | 4583447  | 4568774  | 4620699  | 4590973  | 0.58   | cps   |
| Scandium   | 45-2  | 174591   | 172349   | 173818   | 173586   | 0.66   | cps   |
| Selenium   | 77-2  | 450      | 473      | 543      | 489      | 9.94   | cps   |
| Selenium   | 78-2  | 1608     | 1498     | 1558     | 1554     | 3.52   | cps   |
| Selenium   | 82-1  | 13062    | 13482    | 13275    | 13273    | 1.58   | cps   |
| Silicon    | 28-1  | 34519796 | 34174685 | 34252154 | 34315545 | 0.53   | cps   |
| Silver     | 109-1 | 513282   | 514151   | 508745   | 512059   | 0.57   | cps   |
| Silver     | 107-1 | 542882   | 540674   | 543213   | 542257   | 0.25   | cps   |
| Sodium     | 23-2  | 698672   | 689615   | 695876   | 694721   | 0.67   | cps   |
| Strontium  | 86-1  | 680284   | 683245   | 678905   | 680811   | 0.33   | cps   |
| Strontium  | 88-1  | 6115043  | 6057769  | 6047673  | 6073495  | 0.60   | cps   |
| Sulfur     | 34-1  | 610314   | 611566   | 609948   | 610610   | 0.14   | cps   |
| Terbium    | 159-1 | 9639618  | 9626701  | 9792050  | 9686123  | 0.95   | cps   |
| Terbium    | 159-2 | 4079865  | 4029163  | 4114418  | 4074482  | 1.05   | cps   |
| Thallium   | 203-1 | 1264182  | 1273954  | 1269685  | 1269274  | 0.39   | cps   |
| Thallium   | 205-1 | 3105502  | 3101529  | 3106153  | 3104395  | 0.08   | cps   |
| Tin        | 118-1 | 1915767  | 1918850  | 1894517  | 1909711  | 0.69   | cps   |
| Titanium   | 47-1  | 367759   | 365728   | 364241   | 365909   | 0.48   | cps   |
| Uranium    | 238-1 | 12598232 | 12623995 | 12552067 | 12591432 | 0.29   | cps   |
| Vanadium   | 51-2  | 110785   | 110120   | 112249   | 111051   | 0.98   | cps   |
| Yttrium    | 89-1  | 6033328  | 6005694  | 6034339  | 6024454  | 0.27   | cps   |
| Yttrium    | 89-2  | 701829   | 689417   | 701787   | 697678   | 1.03   | cps   |
| Zinc       | 66-2  | 43933    | 42789    | 43127    | 43283    | 1.36   | cps   |
| Zirconium  | 90-1  | 3735602  | 3723697  | 3700499  | 3719932  | 0.48   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-11-22 16:32:12 | DataFile Name :   | 012ICV_P7112217- MS.L |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 814176 | 815907 | 809801 | 813295  | 0.39   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 16:51:56 DataFile Name : 013CCBE\_P7112217- M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 67      | 33      | 64      | 45.81  | cps   |
| Antimony   | 121-1 | 658     | 617     | 717     | 664     | 7.57   | cps   |
| Arsenic    | 75-2  | 7       | 9       | 2       | 6       | 62.47  | cps   |
| Barium     | 135-1 | 92      | 33      | 67      | 64      | 45.81  | cps   |
| Barium     | 137-1 | 108     | 108     | 100     | 106     | 4.56   | cps   |
| Beryllium  | 9-1   | 183     | 206     | 217     | 202     | 8.41   | cps   |
| Bismuth    | 209-1 | 7154619 | 7382341 | 7370551 | 7302504 | 1.76   | cps   |
| Bismuth    | 209-2 | 3648068 | 3646959 | 3639052 | 3644693 | 0.13   | cps   |
| Boron      | 10-1  | 617     | 550     | 692     | 619     | 11.44  | cps   |
| Boron      | 11-1  | 2784    | 2792    | 2692    | 2756    | 2.01   | cps   |
| Cadmium    | 111-1 | 1909    | 1975    | 2047    | 1977    | 3.50   | cps   |
| Cadmium    | 106-1 | 2725    | 2825    | 2925    | 2825    | 3.54   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 13      | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 67      | 100     | 150     | 106     | 39.74  | cps   |
| Calcium    | 44-1  | 133767  | 132194  | 131471  | 132477  | 0.89   | cps   |
| Chromium   | 52-2  | 247     | 237     | 273     | 252     | 7.52   | cps   |
| Cobalt     | 59-2  | 57      | 87      | 63      | 69      | 22.87  | cps   |
| Copper     | 63-2  | 660     | 630     | 567     | 619     | 7.70   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 42      | 33      | 42      | 20.00  | cps   |
| Erbium     | 164-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Gadolinium | 160-1 | 17      | 17      | 33      | 22      | 43.28  | cps   |
| Gadolinium | 160-2 | 17      | 27      | 37      | 27      | 37.50  | cps   |
| Holmium    | 165-1 | 9608739 | 9688717 | 9725340 | 9674265 | 0.62   | cps   |
| Holmium    | 165-2 | 4322040 | 4310744 | 4344563 | 4325782 | 0.40   | cps   |
| Indium     | 115-1 | 6256599 | 6398213 | 6282557 | 6312456 | 1.19   | cps   |
| Indium     | 115-2 | 983117  | 982310  | 986422  | 983950  | 0.22   | cps   |
| Iron       | 56-2  | 2217    | 2211    | 2200    | 2209    | 0.38   | cps   |
| Iron       | 57-2  | 100     | 78      | 100     | 93      | 13.85  | cps   |
| Lead       | 206-1 | 578     | 378     | 483     | 480     | 20.86  | cps   |
| Lead       | 207-1 | 456     | 422     | 506     | 461     | 9.10   | cps   |
| Lead       | 208-1 | 1922    | 1872    | 2111    | 1969    | 6.40   | cps   |
| Lithium    | 6-1   | 4817564 | 4867190 | 4843543 | 4842765 | 0.51   | cps   |
| Magnesium  | 24-2  | 2350    | 2209    | 2159    | 2239    | 4.44   | cps   |
| Manganese  | 55-2  | 80      | 67      | 83      | 77      | 11.50  | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 16:51:56 DataFile Name : 013CCBE\_P7112217- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 225      | 258      | 250      | 8.82   | cps   |
| Molybdenum | 95-1  | 133      | 150      | 142      | 142      | 5.88   | cps   |
| Molybdenum | 96-1  | 225      | 175      | 267      | 222      | 20.65  | cps   |
| Molybdenum | 97-1  | 125      | 108      | 67       | 100      | 30.05  | cps   |
| Molybdenum | 98-1  | 142      | 208      | 192      | 181      | 19.22  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 100      | 110      | 113      | 108      | 6.44   | cps   |
| Phosphorus | 31-2  | 250      | 142      | 183      | 192      | 28.51  | cps   |
| Potassium  | 39-2  | 22418    | 22226    | 22994    | 22546    | 1.77   | cps   |
| Rhodium    | 103-1 | 5461433  | 5489813  | 5499730  | 5483658  | 0.36   | cps   |
| Rhodium    | 103-2 | 2542051  | 2542656  | 2536931  | 2540546  | 0.12   | cps   |
| Scandium   | 45-1  | 4596454  | 4649141  | 4662782  | 4636126  | 0.76   | cps   |
| Scandium   | 45-2  | 180187   | 179974   | 179762   | 179974   | 0.12   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 15       | 6        | 22       | 14       | 58.79  | cps   |
| Selenium   | 82-1  | 7        | -22      | 47       | 11       | 317.86 | cps   |
| Silicon    | 28-1  | 33533484 | 33690549 | 33946796 | 33723609 | 0.62   | cps   |
| Silver     | 109-1 | 50       | 58       | 50       | 53       | 9.12   | cps   |
| Silver     | 107-1 | 100      | 83       | 167      | 117      | 37.80  | cps   |
| Sodium     | 23-2  | 21474    | 21825    | 21742    | 21680    | 0.84   | cps   |
| Strontium  | 86-1  | 175      | 183      | 308      | 222      | 33.61  | cps   |
| Strontium  | 88-1  | 92       | 133      | 125      | 117      | 18.90  | cps   |
| Sulfur     | 34-1  | 628008   | 632112   | 630615   | 630245   | 0.33   | cps   |
| Terbium    | 159-1 | 9622997  | 9777752  | 9780155  | 9726968  | 0.93   | cps   |
| Terbium    | 159-2 | 4139992  | 4145567  | 4193535  | 4159698  | 0.71   | cps   |
| Thallium   | 203-1 | 92       | 92       | 83       | 89       | 5.41   | cps   |
| Thallium   | 205-1 | 175      | 192      | 192      | 186      | 5.17   | cps   |
| Tin        | 118-1 | 708      | 817      | 708      | 745      | 8.40   | cps   |
| Titanium   | 47-1  | 183      | 125      | 117      | 142      | 25.64  | cps   |
| Uranium    | 238-1 | 117      | 175      | 192      | 161      | 24.45  | cps   |
| Vanadium   | 51-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Yttrium    | 89-1  | 6012811  | 6105151  | 6097359  | 6071774  | 0.84   | cps   |
| Yttrium    | 89-2  | 714279   | 712628   | 720558   | 715822   | 0.58   | cps   |
| Zinc       | 66-2  | 543      | 520      | 467      | 510      | 7.71   | cps   |
| Zirconium  | 90-1  | 467      | 508      | 492      | 489      | 4.29   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 16:51:56 | DataFile Name :   | 013CCBE_P7112217- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 100  | 108  | 97      | 13.09  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6003073   | 6031191   | 5988308   | 6007524   | 0.36   | cps   |
| Antimony   | 121-1 | 6485      | 6118      | 6452      | 6352      | 3.19   | cps   |
| Arsenic    | 75-2  | 56        | 43        | 22        | 40        | 41.89  | cps   |
| Barium     | 135-1 | 1675      | 1684      | 1834      | 1731      | 5.15   | cps   |
| Barium     | 137-1 | 2742      | 2767      | 3050      | 2853      | 6.00   | cps   |
| Beryllium  | 9-1   | 733       | 739       | 744       | 739       | 0.75   | cps   |
| Bismuth    | 209-1 | 6927543   | 6952343   | 6960215   | 6946700   | 0.25   | cps   |
| Bismuth    | 209-2 | 3355671   | 3354515   | 3337640   | 3349275   | 0.30   | cps   |
| Boron      | 10-1  | 800       | 725       | 858       | 794       | 8.41   | cps   |
| Boron      | 11-1  | 3984      | 3867      | 4034      | 3962      | 2.16   | cps   |
| Cadmium    | 111-1 | 2877      | 2967      | 2779      | 2874      | 3.28   | cps   |
| Cadmium    | 106-1 | 2709      | 2484      | 2842      | 2678      | 6.76   | cps   |
| Cadmium    | 108-1 | 2046      | 1763      | 1909      | 1906      | 7.44   | cps   |
| Calcium    | 43-1  | 1513823   | 1517016   | 1522977   | 1517939   | 0.31   | cps   |
| Calcium    | 44-1  | 23872832  | 24007092  | 24000268  | 23960064  | 0.32   | cps   |
| Chromium   | 52-2  | 24851     | 26147     | 26040     | 25679     | 2.80   | cps   |
| Cobalt     | 59-2  | 2374      | 2170      | 2474      | 2339      | 6.61   | cps   |
| Copper     | 63-2  | 12452     | 12128     | 12582     | 12388     | 1.89   | cps   |
| Dysprosium | 156-1 | 25        | 17        | 25        | 22        | 21.64  | cps   |
| Dysprosium | 156-2 | 17        | 3         | 10        | 10        | 66.70  | cps   |
| Erbium     | 164-1 | 50        | 42        | 33        | 42        | 20.00  | cps   |
| Erbium     | 164-2 | 10        | 20        | 13        | 14        | 35.26  | cps   |
| Gadolinium | 160-1 | 67        | 50        | 42        | 53        | 24.12  | cps   |
| Gadolinium | 160-2 | 50        | 23        | 40        | 38        | 35.67  | cps   |
| Holmium    | 165-1 | 9593601   | 9621124   | 9651454   | 9622060   | 0.30   | cps   |
| Holmium    | 165-2 | 4190200   | 4234923   | 4196586   | 4207237   | 0.57   | cps   |
| Indium     | 115-1 | 6062413   | 6078546   | 6097402   | 6079453   | 0.29   | cps   |
| Indium     | 115-2 | 915428    | 920187    | 919275    | 918296    | 0.28   | cps   |
| Iron       | 56-2  | 102500016 | 102339272 | 102315430 | 102384906 | 0.10   | cps   |
| Iron       | 57-2  | 2504226   | 2504006   | 2503905   | 2504046   | 0.01   | cps   |
| Lead       | 206-1 | 28943     | 28743     | 28069     | 28585     | 1.60   | cps   |
| Lead       | 207-1 | 23527     | 23065     | 22943     | 23178     | 1.33   | cps   |
| Lead       | 208-1 | 111669    | 109594    | 107453    | 109572    | 1.92   | cps   |
| Lithium    | 6-1   | 4560718   | 4578296   | 4586028   | 4575014   | 0.28   | cps   |
| Magnesium  | 24-2  | 16583712  | 16636108  | 16561981  | 16593934  | 0.23   | cps   |
| Manganese  | 55-2  | 5321      | 5241      | 5348      | 5303      | 1.05   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 2201822  | 2203500  | 2212472  | 2205931  | 0.26    | cps   |
| Molybdenum | 95-1  | 3853690  | 3884780  | 3895112  | 3877861  | 0.56    | cps   |
| Molybdenum | 96-1  | 4137755  | 4144367  | 4171065  | 4151062  | 0.42    | cps   |
| Molybdenum | 97-1  | 2418308  | 2423386  | 2431482  | 2424392  | 0.27    | cps   |
| Molybdenum | 98-1  | 6272559  | 6299089  | 6361567  | 6311072  | 0.72    | cps   |
| Neodymium  | 150-1 | 20       | 7        | 27       | 18       | 57.27   | cps   |
| Neodymium  | 150-2 | 7        | 7        | 7        | 7        | 0.00    | cps   |
| Nickel     | 60-2  | 2727     | 2957     | 2894     | 2859     | 4.16    | cps   |
| Phosphorus | 31-2  | 264155   | 265690   | 262248   | 264031   | 0.65    | cps   |
| Potassium  | 39-2  | 9528244  | 9473357  | 9455336  | 9485646  | 0.40    | cps   |
| Rhodium    | 103-1 | 4976007  | 5000343  | 4993981  | 4990110  | 0.25    | cps   |
| Rhodium    | 103-2 | 2277493  | 2274349  | 2275510  | 2275784  | 0.07    | cps   |
| Scandium   | 45-1  | 4391199  | 4377147  | 4408303  | 4392216  | 0.36    | cps   |
| Scandium   | 45-2  | 165873   | 166000   | 165449   | 165774   | 0.17    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 9        | 11       | 13       | 11       | 16.65   | cps   |
| Selenium   | 82-1  | -12      | 43       | -29      | 1        | 6531.04 | cps   |
| Silicon    | 28-1  | 31844624 | 32289259 | 32493465 | 32209116 | 1.03    | cps   |
| Silver     | 109-1 | 475      | 508      | 542      | 508      | 6.56    | cps   |
| Silver     | 107-1 | 483      | 600      | 483      | 522      | 12.90   | cps   |
| Sodium     | 23-2  | 31502212 | 31679976 | 31671962 | 31618050 | 0.32    | cps   |
| Strontium  | 86-1  | 45013    | 43417    | 44144    | 44191    | 1.81    | cps   |
| Strontium  | 88-1  | 389949   | 387700   | 389681   | 389110   | 0.32    | cps   |
| Sulfur     | 34-1  | 3150975  | 3140616  | 3153645  | 3148412  | 0.22    | cps   |
| Terbium    | 159-1 | 9565769  | 9606202  | 9687757  | 9619909  | 0.65    | cps   |
| Terbium    | 159-2 | 4031533  | 4041791  | 4006100  | 4026475  | 0.46    | cps   |
| Thallium   | 203-1 | 1225     | 1292     | 1133     | 1217     | 6.53    | cps   |
| Thallium   | 205-1 | 3426     | 3292     | 3084     | 3267     | 5.27    | cps   |
| Tin        | 118-1 | 1425     | 1317     | 1433     | 1392     | 4.68    | cps   |
| Titanium   | 47-1  | 1399770  | 1398632  | 1403132  | 1400511  | 0.17    | cps   |
| Uranium    | 238-1 | 442      | 500      | 442      | 461      | 7.30    | cps   |
| Vanadium   | 51-2  | 173      | 190      | 183      | 182      | 4.60    | cps   |
| Yttrium    | 89-1  | 5789865  | 5827050  | 5855986  | 5824300  | 0.57    | cps   |
| Yttrium    | 89-2  | 671843   | 668500   | 667829   | 669391   | 0.32    | cps   |
| Zinc       | 66-2  | 2760     | 2800     | 2754     | 2771     | 0.91    | cps   |
| Zirconium  | 90-1  | 1433     | 1308     | 1333     | 1358     | 4.87    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:55:29 | DataFile Name :   | 014ICSA_P7112217- MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 325  | 342  | 325     | 5.13   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : ICSAB Instrumnet Name : P7  
 Client Sample ID : ICSAB Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 16:59:00 DataFile Name : 015ICSB\_P7112217- MS

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5994181   | 5977170   | 5968008   | 5979786   | 0.22   | cps   |
| Antimony   | 121-1 | 98569     | 100021    | 99930     | 99507     | 0.82   | cps   |
| Arsenic    | 75-2  | 2306      | 2161      | 2235      | 2234      | 3.23   | cps   |
| Barium     | 135-1 | 23112     | 23128     | 23354     | 23198     | 0.58   | cps   |
| Barium     | 137-1 | 41555     | 41246     | 40719     | 41173     | 1.03   | cps   |
| Beryllium  | 9-1   | 45741     | 46304     | 45502     | 45849     | 0.90   | cps   |
| Bismuth    | 209-1 | 7031198   | 6887561   | 7026306   | 6981688   | 1.17   | cps   |
| Bismuth    | 209-2 | 3378611   | 3329362   | 3363435   | 3357136   | 0.75   | cps   |
| Boron      | 10-1  | 15125     | 15759     | 15609     | 15497     | 2.14   | cps   |
| Boron      | 11-1  | 70750     | 70188     | 71946     | 70961     | 1.27   | cps   |
| Cadmium    | 111-1 | 23443     | 24135     | 23564     | 23714     | 1.56   | cps   |
| Cadmium    | 106-1 | 6093      | 6118      | 6085      | 6099      | 0.29   | cps   |
| Cadmium    | 108-1 | 3913      | 3684      | 3571      | 3723      | 4.68   | cps   |
| Calcium    | 43-1  | 1515304   | 1508570   | 1511477   | 1511784   | 0.22   | cps   |
| Calcium    | 44-1  | 24150672  | 23981212  | 24129220  | 24087035  | 0.38   | cps   |
| Chromium   | 52-2  | 51225     | 50543     | 51098     | 50956     | 0.71   | cps   |
| Cobalt     | 59-2  | 42725     | 43030     | 43471     | 43076     | 0.87   | cps   |
| Copper     | 63-2  | 41094     | 40941     | 41856     | 41297     | 1.19   | cps   |
| Dysprosium | 156-1 | 50        | 17        | 42        | 36        | 48.03  | cps   |
| Dysprosium | 156-2 | 10        | 10        | 3         | 8         | 49.52  | cps   |
| Erbium     | 164-1 | 50        | 25        | 50        | 42        | 34.64  | cps   |
| Erbium     | 164-2 | 17        | 13        | 20        | 17        | 20.01  | cps   |
| Gadolinium | 160-1 | 42        | 75        | 58        | 58        | 28.57  | cps   |
| Gadolinium | 160-2 | 40        | 53        | 40        | 44        | 17.32  | cps   |
| Holmium    | 165-1 | 9716910   | 9611150   | 9763761   | 9697274   | 0.81   | cps   |
| Holmium    | 165-2 | 4276279   | 4189706   | 4253435   | 4239806   | 1.06   | cps   |
| Indium     | 115-1 | 6157456   | 6082985   | 6167075   | 6135839   | 0.75   | cps   |
| Indium     | 115-2 | 934541    | 908731    | 929950    | 924407    | 1.49   | cps   |
| Iron       | 56-2  | 101697494 | 102042280 | 101708336 | 101816037 | 0.19   | cps   |
| Iron       | 57-2  | 2499087   | 2493512   | 2496222   | 2496274   | 0.11   | cps   |
| Lead       | 206-1 | 127790    | 124605    | 125099    | 125832    | 1.36   | cps   |
| Lead       | 207-1 | 105856    | 104743    | 104335    | 104978    | 0.75   | cps   |
| Lead       | 208-1 | 494567    | 487101    | 486258    | 489309    | 0.93   | cps   |
| Lithium    | 6-1   | 4719422   | 4677355   | 4732799   | 4709859   | 0.61   | cps   |
| Magnesium  | 24-2  | 16617558  | 16489250  | 16539100  | 16548636  | 0.39   | cps   |
| Manganese  | 55-2  | 18916     | 19637     | 18842     | 19132     | 2.29   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:59:00 | DataFile Name :   | 015ICSB_P7112217- MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2390903  | 2391603  | 2385289  | 2389265  | 0.14   | cps   |
| Molybdenum | 95-1  | 3974245  | 3974580  | 3953238  | 3967354  | 0.31   | cps   |
| Molybdenum | 96-1  | 4276623  | 4284132  | 4277217  | 4279324  | 0.10   | cps   |
| Molybdenum | 97-1  | 2476762  | 2479764  | 2483964  | 2480163  | 0.15   | cps   |
| Molybdenum | 98-1  | 6474136  | 6488729  | 6515651  | 6492839  | 0.32   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 40       | 22       | 75.49  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 13433    | 13533    | 13486    | 13484    | 0.37   | cps   |
| Phosphorus | 31-2  | 263911   | 263807   | 261103   | 262941   | 0.61   | cps   |
| Potassium  | 39-2  | 9460266  | 9408519  | 9449379  | 9439388  | 0.29   | cps   |
| Rhodium    | 103-1 | 5070993  | 4991799  | 5087459  | 5050084  | 1.01   | cps   |
| Rhodium    | 103-2 | 2315414  | 2270264  | 2325198  | 2303625  | 1.27   | cps   |
| Scandium   | 45-1  | 4479975  | 4407692  | 4487676  | 4458448  | 0.99   | cps   |
| Scandium   | 45-2  | 168115   | 165540   | 167423   | 167026   | 0.80   | cps   |
| Selenium   | 77-2  | 60       | 23       | 27       | 37       | 55.30  | cps   |
| Selenium   | 78-2  | 117      | 154      | 126      | 132      | 14.59  | cps   |
| Selenium   | 82-1  | 1222     | 1189     | 1188     | 1200     | 1.58   | cps   |
| Silicon    | 28-1  | 33647613 | 33951578 | 34002222 | 33867138 | 0.57   | cps   |
| Silver     | 109-1 | 92351    | 90900    | 93005    | 92085    | 1.17   | cps   |
| Silver     | 107-1 | 96469    | 97476    | 95252    | 96399    | 1.16   | cps   |
| Sodium     | 23-2  | 31539899 | 31544515 | 31479369 | 31521261 | 0.12   | cps   |
| Strontium  | 86-1  | 109230   | 111297   | 111380   | 110635   | 1.10   | cps   |
| Strontium  | 88-1  | 976862   | 974594   | 974153   | 975203   | 0.15   | cps   |
| Sulfur     | 34-1  | 3151115  | 3161217  | 3133617  | 3148650  | 0.44   | cps   |
| Terbium    | 159-1 | 9698758  | 9666754  | 9828612  | 9731375  | 0.88   | cps   |
| Terbium    | 159-2 | 4097605  | 4012312  | 4050273  | 4053397  | 1.05   | cps   |
| Thallium   | 203-1 | 121894   | 119558   | 121913   | 121122   | 1.12   | cps   |
| Thallium   | 205-1 | 295435   | 291478   | 295699   | 294204   | 0.80   | cps   |
| Tin        | 118-1 | 187112   | 185644   | 182528   | 185095   | 1.26   | cps   |
| Titanium   | 47-1  | 1431471  | 1440441  | 1432962  | 1434958  | 0.33   | cps   |
| Uranium    | 238-1 | 1155808  | 1152699  | 1145317  | 1151275  | 0.47   | cps   |
| Vanadium   | 51-2  | 20822    | 21192    | 20741    | 20918    | 1.15   | cps   |
| Yttrium    | 89-1  | 5952969  | 5850239  | 5937624  | 5913611  | 0.94   | cps   |
| Yttrium    | 89-2  | 684142   | 666330   | 678996   | 676489   | 1.36   | cps   |
| Zinc       | 66-2  | 6512     | 6515     | 6368     | 6465     | 1.30   | cps   |
| Zirconium  | 90-1  | 362536   | 362015   | 361808   | 362120   | 0.10   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 16:59:00 | DataFile Name :   | 015ICSB_P7112217- MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 82270 | 81155 | 81876 | 81767   | 0.69   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3286244   | 3286565   | 3309966   | 3294258   | 0.41   | cps   |
| Antimony   | 121-1 | 2309910   | 2307073   | 2310847   | 2309276   | 0.09   | cps   |
| Arsenic    | 75-2  | 58485     | 58223     | 58404     | 58371     | 0.23   | cps   |
| Barium     | 135-1 | 2734023   | 2725457   | 2715842   | 2725107   | 0.33   | cps   |
| Barium     | 137-1 | 4847393   | 4836129   | 4799260   | 4827594   | 0.52   | cps   |
| Beryllium  | 9-1   | 1138314   | 1132616   | 1136976   | 1135969   | 0.26   | cps   |
| Bismuth    | 209-1 | 6692923   | 6765296   | 6711548   | 6723256   | 0.56   | cps   |
| Bismuth    | 209-2 | 3254579   | 3236112   | 3272423   | 3254372   | 0.56   | cps   |
| Boron      | 10-1  | 144903    | 144677    | 147486    | 145689    | 1.07   | cps   |
| Boron      | 11-1  | 650842    | 662124    | 667510    | 660159    | 1.29   | cps   |
| Cadmium    | 111-1 | 515571    | 515137    | 512907    | 514538    | 0.28   | cps   |
| Cadmium    | 106-1 | 62229     | 61736     | 61467     | 61811     | 0.62   | cps   |
| Cadmium    | 108-1 | 41624     | 41160     | 41281     | 41355     | 0.58   | cps   |
| Calcium    | 43-1  | 4018205   | 4001765   | 3994171   | 4004714   | 0.31   | cps   |
| Calcium    | 44-1  | 63042595  | 62731268  | 62700447  | 62824770  | 0.30   | cps   |
| Chromium   | 52-2  | 663184    | 663064    | 664469    | 663572    | 0.12   | cps   |
| Cobalt     | 59-2  | 1020947   | 1018435   | 1023806   | 1021063   | 0.26   | cps   |
| Copper     | 63-2  | 1429659   | 1431556   | 1428315   | 1429843   | 0.11   | cps   |
| Dysprosium | 156-1 | 75        | 42        | 58        | 58        | 28.57  | cps   |
| Dysprosium | 156-2 | 23        | 40        | 27        | 30        | 29.40  | cps   |
| Erbium     | 164-1 | 17        | 50        | 25        | 31        | 56.77  | cps   |
| Erbium     | 164-2 | 13        | 17        | 33        | 21        | 50.75  | cps   |
| Gadolinium | 160-1 | 108       | 42        | 50        | 67        | 54.49  | cps   |
| Gadolinium | 160-2 | 40        | 53        | 20        | 38        | 44.41  | cps   |
| Holmium    | 165-1 | 9478133   | 9517484   | 9509180   | 9501599   | 0.22   | cps   |
| Holmium    | 165-2 | 4185267   | 4176273   | 4212075   | 4191205   | 0.44   | cps   |
| Indium     | 115-1 | 5930527   | 5937408   | 5910138   | 5926024   | 0.24   | cps   |
| Indium     | 115-2 | 899499    | 899741    | 902691    | 900644    | 0.20   | cps   |
| Iron       | 56-2  | 128305678 | 128536470 | 128374089 | 128405412 | 0.09   | cps   |
| Iron       | 57-2  | 3151593   | 3146798   | 3152349   | 3150247   | 0.10   | cps   |
| Lead       | 206-1 | 2434122   | 2405942   | 2411278   | 2417114   | 0.62   | cps   |
| Lead       | 207-1 | 2201414   | 2189217   | 2196058   | 2195563   | 0.28   | cps   |
| Lead       | 208-1 | 9976868   | 9911935   | 9950676   | 9946493   | 0.33   | cps   |
| Lithium    | 6-1   | 4573189   | 4601356   | 4587032   | 4587193   | 0.31   | cps   |
| Magnesium  | 24-2  | 43559409  | 43647178  | 43956950  | 43721179  | 0.48   | cps   |
| Manganese  | 55-2  | 692384    | 694114    | 695561    | 694020    | 0.23   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4257731  | 4251885  | 4268920  | 4259512  | 0.20   | cps   |
| Molybdenum | 95-1  | 5142775  | 5108566  | 5132245  | 5127862  | 0.34   | cps   |
| Molybdenum | 96-1  | 5760119  | 5765719  | 5719460  | 5748433  | 0.44   | cps   |
| Molybdenum | 97-1  | 3209896  | 3197201  | 3188387  | 3198495  | 0.34   | cps   |
| Molybdenum | 98-1  | 8327070  | 8342240  | 8366833  | 8345381  | 0.24   | cps   |
| Neodymium  | 150-1 | 227      | 193      | 187      | 202      | 10.60  | cps   |
| Neodymium  | 150-2 | 23       | 33       | 7        | 21       | 63.80  | cps   |
| Nickel     | 60-2  | 267804   | 267316   | 266671   | 267264   | 0.21   | cps   |
| Phosphorus | 31-2  | 27960    | 28637    | 28002    | 28200    | 1.34   | cps   |
| Potassium  | 39-2  | 12329384 | 12308738 | 12423549 | 12353890 | 0.50   | cps   |
| Rhodium    | 103-1 | 4892118  | 4944139  | 4911024  | 4915760  | 0.54   | cps   |
| Rhodium    | 103-2 | 2238452  | 2238098  | 2236144  | 2237565  | 0.06   | cps   |
| Scandium   | 45-1  | 4457348  | 4460948  | 4426485  | 4448260  | 0.43   | cps   |
| Scandium   | 45-2  | 170676   | 169851   | 171856   | 170795   | 0.59   | cps   |
| Selenium   | 77-2  | 1123     | 1097     | 1117     | 1112     | 1.25   | cps   |
| Selenium   | 78-2  | 3569     | 3475     | 3491     | 3512     | 1.44   | cps   |
| Selenium   | 82-1  | 30411    | 30199    | 30564    | 30391    | 0.60   | cps   |
| Silicon    | 28-1  | 35747052 | 36024094 | 36012822 | 35927989 | 0.44   | cps   |
| Silver     | 109-1 | 2350795  | 2334855  | 2340786  | 2342145  | 0.34   | cps   |
| Silver     | 107-1 | 2476284  | 2467424  | 2460408  | 2468039  | 0.32   | cps   |
| Sodium     | 23-2  | 81998423 | 81634277 | 82341052 | 81991250 | 0.43   | cps   |
| Strontium  | 86-1  | 689939   | 684766   | 684805   | 686503   | 0.43   | cps   |
| Strontium  | 88-1  | 6126339  | 6118966  | 6106000  | 6117102  | 0.17   | cps   |
| Sulfur     | 34-1  | 850286   | 854591   | 848303   | 851060   | 0.38   | cps   |
| Terbium    | 159-1 | 9473118  | 9541580  | 9501327  | 9505342  | 0.36   | cps   |
| Terbium    | 159-2 | 4011871  | 4007738  | 4016707  | 4012106  | 0.11   | cps   |
| Thallium   | 203-1 | 2943240  | 2923162  | 2924088  | 2930163  | 0.39   | cps   |
| Thallium   | 205-1 | 7134609  | 7108970  | 7087387  | 7110322  | 0.33   | cps   |
| Tin        | 118-1 | 1828785  | 1815133  | 1809683  | 1817867  | 0.54   | cps   |
| Titanium   | 47-1  | 1756504  | 1758114  | 1743520  | 1752713  | 0.46   | cps   |
| Uranium    | 238-1 | 11607881 | 11542245 | 11551917 | 11567348 | 0.31   | cps   |
| Vanadium   | 51-2  | 548184   | 546940   | 545929   | 547018   | 0.21   | cps   |
| Yttrium    | 89-1  | 5828668  | 5883692  | 5855108  | 5855823  | 0.47   | cps   |
| Yttrium    | 89-2  | 680506   | 674596   | 677081   | 677394   | 0.44   | cps   |
| Zinc       | 66-2  | 191430   | 189434   | 189249   | 190037   | 0.64   | cps   |
| Zirconium  | 90-1  | 3683833  | 3672617  | 3678427  | 3678292  | 0.15   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV078              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV078              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:02:31 | DataFile Name :   | 016CCV_P7112217- MS. |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 808139 | 805133 | 804092 | 805788  | 0.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB078              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB078              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:06:02 | DataFile Name :   | 017CCBE_P7112217- M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 67      | 56      | 17.32  | cps   |
| Antimony   | 121-1 | 8745    | 8161    | 6485    | 7797    | 15.04  | cps   |
| Arsenic    | 75-2  | 24      | 17      | 6       | 15      | 60.37  | cps   |
| Barium     | 135-1 | 42      | 108     | 50      | 67      | 54.49  | cps   |
| Barium     | 137-1 | 58      | 83      | 83      | 75      | 19.24  | cps   |
| Beryllium  | 9-1   | 633     | 667     | 617     | 639     | 3.98   | cps   |
| Bismuth    | 209-1 | 7282042 | 7252989 | 7374493 | 7303175 | 0.87   | cps   |
| Bismuth    | 209-2 | 3573366 | 3573080 | 3729649 | 3625365 | 2.49   | cps   |
| Boron      | 10-1  | 2375    | 2100    | 1850    | 2109    | 12.46  | cps   |
| Boron      | 11-1  | 10321   | 9795    | 9303    | 9806    | 5.19   | cps   |
| Cadmium    | 111-1 | 1947    | 1889    | 1968    | 1935    | 2.10   | cps   |
| Cadmium    | 106-1 | 2792    | 2692    | 2784    | 2756    | 2.01   | cps   |
| Cadmium    | 108-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Calcium    | 43-1  | 75      | 108     | 108     | 97      | 19.80  | cps   |
| Calcium    | 44-1  | 143237  | 143625  | 145611  | 144158  | 0.88   | cps   |
| Chromium   | 52-2  | 267     | 300     | 260     | 276     | 7.78   | cps   |
| Cobalt     | 59-2  | 73      | 70      | 50      | 64      | 19.58  | cps   |
| Copper     | 63-2  | 793     | 820     | 717     | 777     | 6.91   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 17      | 42      | 22      | 78.07  | cps   |
| Erbium     | 164-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 33      | 47      | 36.74  | cps   |
| Gadolinium | 160-2 | 33      | 27      | 20      | 27      | 24.99  | cps   |
| Holmium    | 165-1 | 9627748 | 9632636 | 9771704 | 9677362 | 0.84   | cps   |
| Holmium    | 165-2 | 4218675 | 4266648 | 4400656 | 4295326 | 2.20   | cps   |
| Indium     | 115-1 | 6295115 | 6250887 | 6381761 | 6309255 | 1.06   | cps   |
| Indium     | 115-2 | 954773  | 964264  | 992518  | 970518  | 2.02   | cps   |
| Iron       | 56-2  | 5990    | 6174    | 6001    | 6055    | 1.70   | cps   |
| Iron       | 57-2  | 194     | 194     | 128     | 172     | 22.35  | cps   |
| Lead       | 206-1 | 1828    | 1750    | 1589    | 1722    | 7.08   | cps   |
| Lead       | 207-1 | 1395    | 1339    | 1695    | 1476    | 12.96  | cps   |
| Lead       | 208-1 | 7212    | 6768    | 6990    | 6990    | 3.18   | cps   |
| Lithium    | 6-1   | 4823477 | 4833577 | 4881985 | 4846346 | 0.65   | cps   |
| Magnesium  | 24-2  | 1317    | 1125    | 1383    | 1275    | 10.52  | cps   |
| Manganese  | 55-2  | 33      | 33      | 70      | 46      | 46.48  | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CCB078 Instrumnet Name : P7  
 Client Sample ID : CCB078 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:06:02 DataFile Name : 017CCBE\_P7112217- M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1834     | 1542     | 1375     | 1583     | 14.65   | cps   |
| Molybdenum | 95-1  | 2017     | 1984     | 1867     | 1956     | 4.03    | cps   |
| Molybdenum | 96-1  | 2600     | 2200     | 2175     | 2325     | 10.26   | cps   |
| Molybdenum | 97-1  | 1283     | 1133     | 1233     | 1217     | 6.28    | cps   |
| Molybdenum | 98-1  | 3592     | 3342     | 3351     | 3428     | 4.14    | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 100      | 110      | 140      | 117      | 17.84   | cps   |
| Phosphorus | 31-2  | 200      | 208      | 192      | 200      | 4.16    | cps   |
| Potassium  | 39-2  | 31818    | 32086    | 30491    | 31465    | 2.71    | cps   |
| Rhodium    | 103-1 | 5428108  | 5385360  | 5443472  | 5418980  | 0.56    | cps   |
| Rhodium    | 103-2 | 2457962  | 2485493  | 2560586  | 2501347  | 2.12    | cps   |
| Scandium   | 45-1  | 4544612  | 4551236  | 4611227  | 4569025  | 0.80    | cps   |
| Scandium   | 45-2  | 173306   | 174638   | 180792   | 176245   | 2.27    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 6        | 13       | 13       | 10       | 40.72   | cps   |
| Selenium   | 82-1  | -60      | 22       | -12      | -17      | -246.51 | cps   |
| Silicon    | 28-1  | 35203283 | 34828673 | 35053089 | 35028348 | 0.54    | cps   |
| Silver     | 109-1 | 142      | 175      | 175      | 164      | 11.74   | cps   |
| Silver     | 107-1 | 158      | 208      | 142      | 169      | 20.48   | cps   |
| Sodium     | 23-2  | 60113    | 59411    | 57235    | 58920    | 2.55    | cps   |
| Strontium  | 86-1  | 300      | 200      | 200      | 233      | 24.74   | cps   |
| Strontium  | 88-1  | 158      | 117      | 117      | 131      | 18.43   | cps   |
| Sulfur     | 34-1  | 606737   | 606760   | 608508   | 607335   | 0.17    | cps   |
| Terbium    | 159-1 | 9686828  | 9698203  | 9781424  | 9722152  | 0.53    | cps   |
| Terbium    | 159-2 | 4054285  | 4090453  | 4221889  | 4122209  | 2.14    | cps   |
| Thallium   | 203-1 | 1275     | 1275     | 1267     | 1272     | 0.38    | cps   |
| Thallium   | 205-1 | 2975     | 2875     | 2442     | 2764     | 10.26   | cps   |
| Tin        | 118-1 | 1684     | 1859     | 1659     | 1734     | 6.29    | cps   |
| Titanium   | 47-1  | 292      | 233      | 267      | 264      | 11.09   | cps   |
| Uranium    | 238-1 | 375      | 358      | 317      | 350      | 8.59    | cps   |
| Vanadium   | 51-2  | 10       | 20       | 17       | 16       | 32.73   | cps   |
| Yttrium    | 89-1  | 6043522  | 6009499  | 6096527  | 6049849  | 0.72    | cps   |
| Yttrium    | 89-2  | 696774   | 696759   | 721874   | 705135   | 2.06    | cps   |
| Zinc       | 66-2  | 523      | 463      | 497      | 494      | 6.08    | cps   |
| Zirconium  | 90-1  | 1200     | 1250     | 1242     | 1231     | 2.18    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB078              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB078              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:06:02 | DataFile Name :   | 017CCBE_P7112217- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 292  | 258  | 306     | 18.16  | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : CRI Instrumnet Name : P7  
 Client Sample ID : CRI Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:09:33 DataFile Name : 018SMPL\_P7112217- M9

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1550    | 1275    | 1383    | 1403    | 9.88   | cps   |
| Antimony   | 121-1 | 10513   | 10955   | 11305   | 10924   | 3.63   | cps   |
| Arsenic    | 75-2  | 137     | 122     | 143     | 134     | 7.86   | cps   |
| Barium     | 135-1 | 10021   | 10171   | 10871   | 10354   | 4.39   | cps   |
| Barium     | 137-1 | 17612   | 18571   | 17520   | 17901   | 3.25   | cps   |
| Beryllium  | 9-1   | 2734    | 2689    | 2645    | 2689    | 1.65   | cps   |
| Bismuth    | 209-1 | 7401160 | 7432282 | 7356024 | 7396489 | 0.52   | cps   |
| Bismuth    | 209-2 | 3635131 | 3546806 | 3525813 | 3569250 | 1.63   | cps   |
| Boron      | 10-1  | 7010    | 7260    | 7694    | 7321    | 4.72   | cps   |
| Boron      | 11-1  | 33964   | 33688   | 35300   | 34317   | 2.51   | cps   |
| Cadmium    | 111-1 | 2896    | 3152    | 2887    | 2978    | 5.05   | cps   |
| Cadmium    | 106-1 | 2842    | 3134    | 2850    | 2942    | 5.65   | cps   |
| Cadmium    | 108-1 | 92      | 96      | 96      | 94      | 2.55   | cps   |
| Calcium    | 43-1  | 8828    | 8494    | 8886    | 8736    | 2.42   | cps   |
| Calcium    | 44-1  | 281973  | 283646  | 280462  | 282027  | 0.56   | cps   |
| Chromium   | 52-2  | 3017    | 3020    | 3144    | 3060    | 2.36   | cps   |
| Cobalt     | 59-2  | 2010    | 2027    | 2134    | 2057    | 3.25   | cps   |
| Copper     | 63-2  | 3964    | 3761    | 3841    | 3855    | 2.66   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 58      | 67      | 47      | 56.72  | cps   |
| Erbium     | 164-2 | 17      | 37      | 17      | 23      | 49.48  | cps   |
| Gadolinium | 160-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Gadolinium | 160-2 | 30      | 37      | 43      | 37      | 18.18  | cps   |
| Holmium    | 165-1 | 9815928 | 9835752 | 9685100 | 9778927 | 0.84   | cps   |
| Holmium    | 165-2 | 4330971 | 4230372 | 4219363 | 4260235 | 1.44   | cps   |
| Indium     | 115-1 | 6405840 | 6473834 | 6306983 | 6395552 | 1.31   | cps   |
| Indium     | 115-2 | 978104  | 954742  | 950895  | 961247  | 1.53   | cps   |
| Iron       | 56-2  | 58355   | 58784   | 57719   | 58286   | 0.92   | cps   |
| Iron       | 57-2  | 1389    | 1506    | 1533    | 1476    | 5.19   | cps   |
| Lead       | 206-1 | 6563    | 6302    | 6263    | 6376    | 2.56   | cps   |
| Lead       | 207-1 | 5657    | 5840    | 5279    | 5592    | 5.12   | cps   |
| Lead       | 208-1 | 25922   | 25176   | 25511   | 25536   | 1.46   | cps   |
| Lithium    | 6-1   | 4903351 | 4928053 | 4897971 | 4909792 | 0.33   | cps   |
| Magnesium  | 24-2  | 85074   | 84170   | 84362   | 84535   | 0.56   | cps   |
| Manganese  | 55-2  | 870     | 963     | 963     | 932     | 5.78   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:09:33 | DataFile Name :   | 018SMPL_P7112217- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9153     | 8703     | 8169     | 8675     | 5.68   | cps   |
| Molybdenum | 95-1  | 10046    | 9962     | 9779     | 9929     | 1.37   | cps   |
| Molybdenum | 96-1  | 11005    | 10996    | 11572    | 11191    | 2.95   | cps   |
| Molybdenum | 97-1  | 6377     | 6393     | 6535     | 6435     | 1.35   | cps   |
| Molybdenum | 98-1  | 15534    | 16485    | 16485    | 16168    | 3.40   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 800      | 840      | 883      | 841      | 4.96   | cps   |
| Phosphorus | 31-2  | 233      | 192      | 183      | 203      | 13.21  | cps   |
| Potassium  | 39-2  | 72870    | 74278    | 72686    | 73278    | 1.19   | cps   |
| Rhodium    | 103-1 | 5512236  | 5553910  | 5411076  | 5492408  | 1.34   | cps   |
| Rhodium    | 103-2 | 2524965  | 2473139  | 2465287  | 2487797  | 1.30   | cps   |
| Scandium   | 45-1  | 4672772  | 4708250  | 4605899  | 4662307  | 1.11   | cps   |
| Scandium   | 45-2  | 179297   | 172663   | 171871   | 174610   | 2.34   | cps   |
| Selenium   | 77-2  | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Selenium   | 78-2  | 44       | 46       | 56       | 49       | 12.21  | cps   |
| Selenium   | 82-1  | 336      | 269      | 276      | 293      | 12.53  | cps   |
| Silicon    | 28-1  | 35189699 | 35403052 | 35266896 | 35286549 | 0.31   | cps   |
| Silver     | 109-1 | 4976     | 4984     | 5143     | 5034     | 1.87   | cps   |
| Silver     | 107-1 | 4768     | 5118     | 5368     | 5084     | 5.93   | cps   |
| Sodium     | 23-2  | 199415   | 200421   | 200633   | 200156   | 0.33   | cps   |
| Strontium  | 86-1  | 1558     | 1567     | 1542     | 1556     | 0.82   | cps   |
| Strontium  | 88-1  | 12231    | 12197    | 12122    | 12183    | 0.46   | cps   |
| Sulfur     | 34-1  | 616045   | 621971   | 616558   | 618191   | 0.53   | cps   |
| Terbium    | 159-1 | 9875288  | 9897262  | 9767902  | 9846817  | 0.70   | cps   |
| Terbium    | 159-2 | 4180023  | 4068062  | 4047635  | 4098574  | 1.74   | cps   |
| Thallium   | 203-1 | 6410     | 6502     | 6243     | 6385     | 2.05   | cps   |
| Thallium   | 205-1 | 15426    | 14934    | 15418    | 15259    | 1.85   | cps   |
| Tin        | 118-1 | 18396    | 18187    | 18555    | 18379    | 1.00   | cps   |
| Titanium   | 47-1  | 3401     | 3559     | 3376     | 3445     | 2.89   | cps   |
| Uranium    | 238-1 | 21101    | 20133    | 20308    | 20514    | 2.52   | cps   |
| Vanadium   | 51-2  | 5208     | 5018     | 5081     | 5102     | 1.90   | cps   |
| Yttrium    | 89-1  | 6133561  | 6188639  | 6084674  | 6135625  | 0.85   | cps   |
| Yttrium    | 89-2  | 712119   | 695413   | 692470   | 700001   | 1.51   | cps   |
| Zinc       | 66-2  | 1110     | 1070     | 1153     | 1111     | 3.75   | cps   |
| Zirconium  | 90-1  | 7902     | 8570     | 8053     | 8175     | 4.28   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                   |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:09:33 | DataFile Name :   | 018SMPL_P7112217- M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1784 | 1950 | 1734 | 1822    | 6.23   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB104420BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB104420BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:13:05 | DataFile Name :   | 019SMPL_P7112217- M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 42      | 67      | 44      | 47.19  | cps   |
| Antimony   | 121-1 | 1225    | 1133    | 1225    | 1195    | 4.43   | cps   |
| Arsenic    | 75-2  | 6       | 6       | 2       | 4       | 49.54  | cps   |
| Barium     | 135-1 | 42      | 17      | 50      | 36      | 48.03  | cps   |
| Barium     | 137-1 | 67      | 67      | 33      | 56      | 34.65  | cps   |
| Beryllium  | 9-1   | 267     | 267     | 261     | 265     | 1.21   | cps   |
| Bismuth    | 209-1 | 7369996 | 7344227 | 7352768 | 7355664 | 0.18   | cps   |
| Bismuth    | 209-2 | 3638008 | 3618157 | 3551062 | 3602409 | 1.26   | cps   |
| Boron      | 10-1  | 758     | 825     | 808     | 797     | 4.35   | cps   |
| Boron      | 11-1  | 3826    | 3767    | 3559    | 3717    | 3.77   | cps   |
| Cadmium    | 111-1 | 2090    | 2048    | 1877    | 2005    | 5.64   | cps   |
| Cadmium    | 106-1 | 2984    | 2934    | 2675    | 2864    | 5.78   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 13      | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 108     | 100     | 117     | 108     | 7.69   | cps   |
| Calcium    | 44-1  | 144619  | 145113  | 143499  | 144410  | 0.57   | cps   |
| Chromium   | 52-2  | 290     | 197     | 283     | 257     | 20.29  | cps   |
| Cobalt     | 59-2  | 60      | 83      | 77      | 73      | 16.39  | cps   |
| Copper     | 63-2  | 653     | 643     | 653     | 650     | 0.89   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 10      | 8       | 49.52  | cps   |
| Erbium     | 164-1 | 33      | 50      | 17      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 13      | 13      | 20      | 16      | 24.76  | cps   |
| Gadolinium | 160-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 20      | 30      | 37      | 29      | 29.04  | cps   |
| Holmium    | 165-1 | 9762483 | 9789145 | 9743982 | 9765203 | 0.23   | cps   |
| Holmium    | 165-2 | 4313544 | 4273728 | 4236973 | 4274748 | 0.90   | cps   |
| Indium     | 115-1 | 6409488 | 6322236 | 6313043 | 6348256 | 0.84   | cps   |
| Indium     | 115-2 | 976925  | 974606  | 962805  | 971445  | 0.78   | cps   |
| Iron       | 56-2  | 4028    | 3956    | 3895    | 3960    | 1.69   | cps   |
| Iron       | 57-2  | 122     | 139     | 133     | 131     | 6.45   | cps   |
| Lead       | 206-1 | 950     | 1039    | 1017    | 1002    | 4.62   | cps   |
| Lead       | 207-1 | 1039    | 883     | 839     | 920     | 11.41  | cps   |
| Lead       | 208-1 | 3984    | 4056    | 3923    | 3987    | 1.67   | cps   |
| Lithium    | 6-1   | 4943731 | 4920190 | 4909135 | 4924352 | 0.36   | cps   |
| Magnesium  | 24-2  | 1600    | 1550    | 1467    | 1539    | 4.38   | cps   |
| Manganese  | 55-2  | 33      | 27      | 37      | 32      | 15.80  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB104420BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB104420BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:13:05 | DataFile Name :   | 019SMPL_P7112217- M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 475      | 533      | 350      | 453      | 20.69   | cps   |
| Molybdenum | 95-1  | 375      | 542      | 425      | 447      | 19.12   | cps   |
| Molybdenum | 96-1  | 483      | 592      | 533      | 536      | 10.11   | cps   |
| Molybdenum | 97-1  | 242      | 217      | 192      | 217      | 11.54   | cps   |
| Molybdenum | 98-1  | 683      | 650      | 725      | 686      | 5.48    | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 77       | 113      | 90       | 93       | 19.89   | cps   |
| Phosphorus | 31-2  | 150      | 192      | 175      | 172      | 12.18   | cps   |
| Potassium  | 39-2  | 25206    | 25598    | 25448    | 25417    | 0.78    | cps   |
| Rhodium    | 103-1 | 5533415  | 5463649  | 5452999  | 5483355  | 0.80    | cps   |
| Rhodium    | 103-2 | 2543572  | 2517332  | 2496861  | 2519255  | 0.93    | cps   |
| Scandium   | 45-1  | 4703123  | 4648231  | 4645250  | 4665535  | 0.70    | cps   |
| Scandium   | 45-2  | 181054   | 179776   | 175623   | 178818   | 1.59    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 6        | 11       | 7        | 8        | 35.21   | cps   |
| Selenium   | 82-1  | -18      | 11       | -73      | -27      | -158.60 | cps   |
| Silicon    | 28-1  | 35382825 | 35450784 | 35640029 | 35491213 | 0.38    | cps   |
| Silver     | 109-1 | 67       | 67       | 42       | 58       | 24.74   | cps   |
| Silver     | 107-1 | 133      | 83       | 58       | 92       | 41.66   | cps   |
| Sodium     | 23-2  | 38024    | 37773    | 37163    | 37653    | 1.18    | cps   |
| Strontium  | 86-1  | 125      | 300      | 183      | 203      | 43.94   | cps   |
| Strontium  | 88-1  | 117      | 75       | 117      | 103      | 23.41   | cps   |
| Sulfur     | 34-1  | 624090   | 624848   | 632040   | 626993   | 0.70    | cps   |
| Terbium    | 159-1 | 9861063  | 9746754  | 9778235  | 9795351  | 0.60    | cps   |
| Terbium    | 159-2 | 4168561  | 4108110  | 4083231  | 4119967  | 1.07    | cps   |
| Thallium   | 203-1 | 425      | 375      | 392      | 397      | 6.41    | cps   |
| Thallium   | 205-1 | 917      | 942      | 875      | 911      | 3.70    | cps   |
| Tin        | 118-1 | 858      | 842      | 692      | 797      | 11.51   | cps   |
| Titanium   | 47-1  | 217      | 183      | 217      | 206      | 9.36    | cps   |
| Uranium    | 238-1 | 100      | 125      | 133      | 119      | 14.53   | cps   |
| Vanadium   | 51-2  | 7        | 23       | 13       | 14       | 58.06   | cps   |
| Yttrium    | 89-1  | 6145403  | 6104612  | 6113564  | 6121193  | 0.35    | cps   |
| Yttrium    | 89-2  | 712432   | 705238   | 702519   | 706730   | 0.72    | cps   |
| Zinc       | 66-2  | 503      | 537      | 517      | 519      | 3.23    | cps   |
| Zirconium  | 90-1  | 608      | 633      | 550      | 597      | 7.16    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB104420BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB104420BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:13:05 | DataFile Name :   | 019SMPL_P7112217- M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 50   | 142  | 108     | 46.79  | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : I6516-04A Instrumnet Name : P7  
 Client Sample ID : MC0AC0A Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:16:37 DataFile Name : 020SMPL\_P7112217- M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 798816   | 805234   | 808206   | 804086   | 0.60   | cps   |
| Antimony   | 121-1 | 2684     | 3076     | 3092     | 2950     | 7.83   | cps   |
| Arsenic    | 75-2  | 1241     | 1339     | 1341     | 1307     | 4.38   | cps   |
| Barium     | 135-1 | 328878   | 328585   | 329250   | 328904   | 0.10   | cps   |
| Barium     | 137-1 | 583857   | 583328   | 574397   | 580528   | 0.92   | cps   |
| Beryllium  | 9-1   | 2178     | 2250     | 2111     | 2180     | 3.19   | cps   |
| Bismuth    | 209-1 | 7467186  | 7568394  | 7503001  | 7512860  | 0.68   | cps   |
| Bismuth    | 209-2 | 3625034  | 3643031  | 3650027  | 3639364  | 0.35   | cps   |
| Boron      | 10-1  | 1225     | 1200     | 1108     | 1178     | 5.22   | cps   |
| Boron      | 11-1  | 5385     | 5176     | 5810     | 5457     | 5.92   | cps   |
| Cadmium    | 111-1 | 2353     | 2330     | 2361     | 2348     | 0.68   | cps   |
| Cadmium    | 106-1 | 3242     | 3175     | 3201     | 3206     | 1.05   | cps   |
| Cadmium    | 108-1 | 71       | 108      | 138      | 106      | 31.66  | cps   |
| Calcium    | 43-1  | 18929    | 18988    | 18571    | 18829    | 1.20   | cps   |
| Calcium    | 44-1  | 451717   | 447681   | 450841   | 450079   | 0.47   | cps   |
| Chromium   | 52-2  | 82080    | 81755    | 82392    | 82076    | 0.39   | cps   |
| Cobalt     | 59-2  | 37755    | 37518    | 37809    | 37694    | 0.41   | cps   |
| Copper     | 63-2  | 71061    | 71768    | 70670    | 71166    | 0.78   | cps   |
| Dysprosium | 156-1 | 14792    | 14466    | 14433    | 14564    | 1.36   | cps   |
| Dysprosium | 156-2 | 6732     | 6325     | 6445     | 6501     | 3.22   | cps   |
| Erbium     | 164-1 | 14166    | 14867    | 13482    | 14172    | 4.89   | cps   |
| Erbium     | 164-2 | 6041     | 5985     | 6355     | 6127     | 3.25   | cps   |
| Gadolinium | 160-1 | 15676    | 15960    | 15560    | 15732    | 1.31   | cps   |
| Gadolinium | 160-2 | 7986     | 8146     | 7789     | 7974     | 2.24   | cps   |
| Holmium    | 165-1 | 9982169  | 10229158 | 10083461 | 10098263 | 1.23   | cps   |
| Holmium    | 165-2 | 4354069  | 4371538  | 4388577  | 4371394  | 0.39   | cps   |
| Indium     | 115-1 | 6602443  | 6731458  | 6674259  | 6669387  | 0.97   | cps   |
| Indium     | 115-2 | 993183   | 993026   | 995954   | 994054   | 0.17   | cps   |
| Iron       | 56-2  | 46791270 | 46787105 | 46916175 | 46831517 | 0.16   | cps   |
| Iron       | 57-2  | 1129959  | 1133485  | 1137022  | 1133489  | 0.31   | cps   |
| Lead       | 206-1 | 71369    | 70570    | 70441    | 70793    | 0.71   | cps   |
| Lead       | 207-1 | 59600    | 57686    | 59466    | 58918    | 1.81   | cps   |
| Lead       | 208-1 | 280431   | 275736   | 275889   | 277352   | 0.96   | cps   |
| Lithium    | 6-1   | 5203371  | 5266148  | 5232108  | 5233876  | 0.60   | cps   |
| Magnesium  | 24-2  | 531489   | 535123   | 535461   | 534024   | 0.41   | cps   |
| Manganese  | 55-2  | 362000   | 363489   | 364763   | 363417   | 0.38   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | I6516-04A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MC0AC0A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:16:37 | DataFile Name :   | 020SMPL_P7112217- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 15325    | 14900    | 15667    | 15298    | 2.51   | cps   |
| Molybdenum | 95-1  | 4601     | 4493     | 5034     | 4709     | 6.09   | cps   |
| Molybdenum | 96-1  | 6710     | 7177     | 6944     | 6944     | 3.36   | cps   |
| Molybdenum | 97-1  | 3042     | 2925     | 2792     | 2920     | 4.29   | cps   |
| Molybdenum | 98-1  | 7202     | 7927     | 7252     | 7461     | 5.43   | cps   |
| Neodymium  | 150-1 | 12940    | 13347    | 13480    | 13256    | 2.12   | cps   |
| Neodymium  | 150-2 | 4314     | 4201     | 4057     | 4191     | 3.07   | cps   |
| Nickel     | 60-2  | 18599    | 18425    | 19019    | 18681    | 1.64   | cps   |
| Phosphorus | 31-2  | 1634     | 1742     | 1483     | 1620     | 8.01   | cps   |
| Potassium  | 39-2  | 107655   | 107848   | 108167   | 107890   | 0.24   | cps   |
| Rhodium    | 103-1 | 5507829  | 5599756  | 5537968  | 5548518  | 0.84   | cps   |
| Rhodium    | 103-2 | 2524396  | 2538028  | 2529123  | 2530515  | 0.27   | cps   |
| Scandium   | 45-1  | 4769972  | 4939054  | 4814709  | 4841245  | 1.81   | cps   |
| Scandium   | 45-2  | 179013   | 180942   | 179553   | 179836   | 0.55   | cps   |
| Selenium   | 77-2  | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Selenium   | 78-2  | 19       | 22       | 20       | 20       | 9.08   | cps   |
| Selenium   | 82-1  | -22      | -45      | -20      | -29      | -49.23 | cps   |
| Silicon    | 28-1  | 47880122 | 47983977 | 48097781 | 47987293 | 0.23   | cps   |
| Silver     | 109-1 | 1092     | 1042     | 1025     | 1053     | 3.30   | cps   |
| Silver     | 107-1 | 1025     | 975      | 900      | 967      | 6.51   | cps   |
| Sodium     | 23-2  | 99009    | 99738    | 98924    | 99223    | 0.45   | cps   |
| Strontium  | 86-1  | 7561     | 7827     | 7627     | 7672     | 1.81   | cps   |
| Strontium  | 88-1  | 64069    | 65609    | 63809    | 64496    | 1.51   | cps   |
| Sulfur     | 34-1  | 617216   | 616781   | 605104   | 613034   | 1.12   | cps   |
| Terbium    | 159-1 | 10045901 | 10194715 | 10112228 | 10117615 | 0.74   | cps   |
| Terbium    | 159-2 | 4171384  | 4196718  | 4216303  | 4194802  | 0.54   | cps   |
| Thallium   | 203-1 | 1959     | 1542     | 1275     | 1592     | 21.64  | cps   |
| Thallium   | 205-1 | 4643     | 3917     | 3601     | 4054     | 13.18  | cps   |
| Tin        | 118-1 | 3792     | 3534     | 3676     | 3667     | 3.53   | cps   |
| Titanium   | 47-1  | 15892    | 15709    | 15517    | 15706    | 1.20   | cps   |
| Uranium    | 238-1 | 23389    | 23847    | 23222    | 23486    | 1.38   | cps   |
| Vanadium   | 51-2  | 25005    | 25586    | 25265    | 25285    | 1.15   | cps   |
| Yttrium    | 89-1  | 6328420  | 6472277  | 6426355  | 6409018  | 1.15   | cps   |
| Yttrium    | 89-2  | 724785   | 726959   | 728623   | 726789   | 0.26   | cps   |
| Zinc       | 66-2  | 22638    | 23659    | 22574    | 22957    | 2.65   | cps   |
| Zirconium  | 90-1  | 33423    | 33799    | 34317    | 33846    | 1.33   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-04A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0AC0A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:16:37 | DataFile Name :   | 020SMPL_P7112217- M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7794 | 7702 | 7777 | 7758    | 0.63   | cps   |

LB Number : LB91798 Operator : Jaswal  
 Lab Sample ID : I6516-16A Instrumnet Name : P7  
 Client Sample ID : MC0B93A Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-22 17:20:09 DataFile Name : 021SMPL\_P7112217- M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 935013   | 929198   | 929183   | 931131   | 0.36   | cps   |
| Antimony   | 121-1 | 22469    | 22477    | 21008    | 21985    | 3.85   | cps   |
| Arsenic    | 75-2  | 594      | 589      | 596      | 593      | 0.65   | cps   |
| Barium     | 135-1 | 412058   | 414836   | 409710   | 412202   | 0.62   | cps   |
| Barium     | 137-1 | 728147   | 727303   | 716716   | 724056   | 0.88   | cps   |
| Beryllium  | 9-1   | 5612     | 5929     | 5801     | 5781     | 2.76   | cps   |
| Bismuth    | 209-1 | 8415188  | 8178852  | 8023494  | 8205844  | 2.40   | cps   |
| Bismuth    | 209-2 | 3889645  | 3933169  | 3900681  | 3907832  | 0.58   | cps   |
| Boron      | 10-1  | 12422    | 12297    | 12205    | 12308    | 0.88   | cps   |
| Boron      | 11-1  | 55803    | 56222    | 57234    | 56420    | 1.30   | cps   |
| Cadmium    | 111-1 | 4346     | 4425     | 4421     | 4398     | 1.01   | cps   |
| Cadmium    | 106-1 | 3567     | 3551     | 3367     | 3495     | 3.18   | cps   |
| Cadmium    | 108-1 | 192      | 188      | 129      | 169      | 20.62  | cps   |
| Calcium    | 43-1  | 348862   | 344400   | 341385   | 344883   | 1.09   | cps   |
| Calcium    | 44-1  | 5762687  | 5714819  | 5702753  | 5726753  | 0.55   | cps   |
| Chromium   | 52-2  | 20321    | 20107    | 20127    | 20185    | 0.58   | cps   |
| Cobalt     | 59-2  | 39239    | 38698    | 39095    | 39011    | 0.72   | cps   |
| Copper     | 63-2  | 120427   | 119436   | 120447   | 120103   | 0.48   | cps   |
| Dysprosium | 156-1 | 19698    | 17929    | 18271    | 18633    | 5.04   | cps   |
| Dysprosium | 156-2 | 8466     | 8159     | 7999     | 8208     | 2.89   | cps   |
| Erbium     | 164-1 | 18288    | 18622    | 18597    | 18502    | 1.00   | cps   |
| Erbium     | 164-2 | 7752     | 7359     | 7849     | 7653     | 3.39   | cps   |
| Gadolinium | 160-1 | 19773    | 20241    | 19331    | 19782    | 2.30   | cps   |
| Gadolinium | 160-2 | 9820     | 9827     | 9847     | 9831     | 0.14   | cps   |
| Holmium    | 165-1 | 11141984 | 10926155 | 10683367 | 10917168 | 2.10   | cps   |
| Holmium    | 165-2 | 4649197  | 4699351  | 4628586  | 4659045  | 0.78   | cps   |
| Indium     | 115-1 | 7434866  | 7221957  | 7105048  | 7253957  | 2.31   | cps   |
| Indium     | 115-2 | 1052548  | 1055682  | 1044006  | 1050746  | 0.58   | cps   |
| Iron       | 56-2  | 36858055 | 36451134 | 36367751 | 36558980 | 0.72   | cps   |
| Iron       | 57-2  | 888652   | 881375   | 878319   | 882782   | 0.60   | cps   |
| Lead       | 206-1 | 242374   | 241172   | 239602   | 241049   | 0.58   | cps   |
| Lead       | 207-1 | 205783   | 202784   | 201537   | 203368   | 1.07   | cps   |
| Lead       | 208-1 | 955093   | 947400   | 941543   | 948012   | 0.72   | cps   |
| Lithium    | 6-1   | 5914659  | 5813755  | 5746843  | 5825085  | 1.45   | cps   |
| Magnesium  | 24-2  | 869181   | 858276   | 853573   | 860343   | 0.93   | cps   |
| Manganese  | 55-2  | 1060154  | 1052601  | 1055976  | 1056244  | 0.36   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-16A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0B93A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:20:09 | DataFile Name :   | 021SMPL_P7112217- M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2292     | 1984     | 2275     | 2184     | 7.94   | cps   |
| Molybdenum | 95-1  | 275      | 292      | 325      | 297      | 8.57   | cps   |
| Molybdenum | 96-1  | 750      | 575      | 683      | 669      | 13.19  | cps   |
| Molybdenum | 97-1  | 258      | 267      | 200      | 242      | 15.03  | cps   |
| Molybdenum | 98-1  | 458      | 433      | 592      | 494      | 17.22  | cps   |
| Neodymium  | 150-1 | 19054    | 18780    | 19327    | 19054    | 1.44   | cps   |
| Neodymium  | 150-2 | 6248     | 6168     | 6061     | 6159     | 1.52   | cps   |
| Nickel     | 60-2  | 27526    | 26831    | 26761    | 27040    | 1.56   | cps   |
| Phosphorus | 31-2  | 5518     | 5485     | 5335     | 5446     | 1.79   | cps   |
| Potassium  | 39-2  | 764542   | 755496   | 761962   | 760667   | 0.61   | cps   |
| Rhodium    | 103-1 | 6268968  | 6047377  | 5790244  | 6035530  | 3.97   | cps   |
| Rhodium    | 103-2 | 2658825  | 2682595  | 2655719  | 2665713  | 0.55   | cps   |
| Scandium   | 45-1  | 5361494  | 5172430  | 5096307  | 5210077  | 2.62   | cps   |
| Scandium   | 45-2  | 187203   | 189855   | 185778   | 187612   | 1.10   | cps   |
| Selenium   | 77-2  | 20       | 30       | 20       | 23       | 24.74  | cps   |
| Selenium   | 78-2  | 30       | 17       | 26       | 24       | 27.73  | cps   |
| Selenium   | 82-1  | 92       | 60       | 56       | 69       | 28.22  | cps   |
| Silicon    | 28-1  | 67211814 | 66521285 | 66414964 | 66716021 | 0.65   | cps   |
| Silver     | 109-1 | 1175     | 1192     | 1108     | 1158     | 3.81   | cps   |
| Silver     | 107-1 | 1100     | 1242     | 1325     | 1222     | 9.31   | cps   |
| Sodium     | 23-2  | 142336   | 138979   | 142118   | 141144   | 1.33   | cps   |
| Strontium  | 86-1  | 112186   | 111799   | 111270   | 111751   | 0.41   | cps   |
| Strontium  | 88-1  | 991735   | 977935   | 972450   | 980707   | 1.01   | cps   |
| Sulfur     | 34-1  | 594660   | 592816   | 586907   | 591461   | 0.68   | cps   |
| Terbium    | 159-1 | 11286018 | 10908699 | 10708057 | 10967591 | 2.68   | cps   |
| Terbium    | 159-2 | 4456909  | 4504287  | 4453087  | 4471428  | 0.64   | cps   |
| Thallium   | 203-1 | 1650     | 1575     | 1550     | 1592     | 3.27   | cps   |
| Thallium   | 205-1 | 4259     | 4384     | 4034     | 4226     | 4.20   | cps   |
| Tin        | 118-1 | 717      | 708      | 625      | 683      | 7.42   | cps   |
| Titanium   | 47-1  | 16076    | 16159    | 15525    | 15920    | 2.16   | cps   |
| Uranium    | 238-1 | 19015    | 19298    | 19474    | 19262    | 1.20   | cps   |
| Vanadium   | 51-2  | 32336    | 32118    | 31824    | 32093    | 0.80   | cps   |
| Yttrium    | 89-1  | 7148476  | 6957586  | 6794488  | 6966850  | 2.54   | cps   |
| Yttrium    | 89-2  | 777105   | 774813   | 767386   | 773101   | 0.66   | cps   |
| Zinc       | 66-2  | 63005    | 62085    | 61931    | 62340    | 0.93   | cps   |
| Zirconium  | 90-1  | 5743     | 5585     | 5860     | 5729     | 2.41   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | I6516-16A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | MC0B93A             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:20:09 | DataFile Name :   | 021SMPL_P7112217- M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1258 | 1358 | 1483 | 1367    | 8.25   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:37:49 | DataFile Name :   | 022CCV_P7112217- MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3288179   | 3298040   | 3316883   | 3301034   | 0.44   | cps   |
| Antimony   | 121-1 | 2308844   | 2302917   | 2305178   | 2305646   | 0.13   | cps   |
| Arsenic    | 75-2  | 58763     | 58742     | 59272     | 58925     | 0.51   | cps   |
| Barium     | 135-1 | 2734738   | 2714689   | 2723206   | 2724211   | 0.37   | cps   |
| Barium     | 137-1 | 4840035   | 4787092   | 4828583   | 4818570   | 0.58   | cps   |
| Beryllium  | 9-1   | 1146083   | 1137567   | 1131467   | 1138372   | 0.64   | cps   |
| Bismuth    | 209-1 | 6739920   | 6711461   | 6690453   | 6713944   | 0.37   | cps   |
| Bismuth    | 209-2 | 3314768   | 3322627   | 3353523   | 3330306   | 0.62   | cps   |
| Boron      | 10-1  | 140959    | 146461    | 144820    | 144080    | 1.96   | cps   |
| Boron      | 11-1  | 652255    | 658026    | 656053    | 655445    | 0.45   | cps   |
| Cadmium    | 111-1 | 514165    | 514045    | 518882    | 515697    | 0.53   | cps   |
| Cadmium    | 106-1 | 62447     | 62856     | 61702     | 62335     | 0.94   | cps   |
| Cadmium    | 108-1 | 41131     | 41599     | 41010     | 41246     | 0.75   | cps   |
| Calcium    | 43-1  | 4012531   | 3994170   | 3981853   | 3996185   | 0.39   | cps   |
| Calcium    | 44-1  | 62738620  | 62682945  | 62436772  | 62619446  | 0.26   | cps   |
| Chromium   | 52-2  | 666287    | 667952    | 667825    | 667355    | 0.14   | cps   |
| Cobalt     | 59-2  | 1032380   | 1032204   | 1030112   | 1031565   | 0.12   | cps   |
| Copper     | 63-2  | 1435809   | 1442629   | 1442371   | 1440270   | 0.27   | cps   |
| Dysprosium | 156-1 | 75        | 125       | 75        | 92        | 31.50  | cps   |
| Dysprosium | 156-2 | 27        | 33        | 13        | 24        | 41.66  | cps   |
| Erbium     | 164-1 | 50        | 42        | 42        | 44        | 10.82  | cps   |
| Erbium     | 164-2 | 37        | 23        | 10        | 23        | 57.15  | cps   |
| Gadolinium | 160-1 | 100       | 67        | 50        | 72        | 35.26  | cps   |
| Gadolinium | 160-2 | 43        | 50        | 23        | 39        | 35.69  | cps   |
| Holmium    | 165-1 | 9646447   | 9598989   | 9565224   | 9603553   | 0.42   | cps   |
| Holmium    | 165-2 | 4278437   | 4280588   | 4297018   | 4285348   | 0.24   | cps   |
| Indium     | 115-1 | 6022933   | 5970132   | 5917864   | 5970310   | 0.88   | cps   |
| Indium     | 115-2 | 918351    | 916012    | 929100    | 921154    | 0.76   | cps   |
| Iron       | 56-2  | 128784303 | 129435861 | 129282017 | 129167394 | 0.26   | cps   |
| Iron       | 57-2  | 3172889   | 3155401   | 3190551   | 3172947   | 0.55   | cps   |
| Lead       | 206-1 | 2411417   | 2392327   | 2406631   | 2403458   | 0.41   | cps   |
| Lead       | 207-1 | 2177756   | 2175449   | 2194166   | 2182457   | 0.47   | cps   |
| Lead       | 208-1 | 9875207   | 9868220   | 9897301   | 9880243   | 0.15   | cps   |
| Lithium    | 6-1   | 4554248   | 4559211   | 4543747   | 4552402   | 0.17   | cps   |
| Magnesium  | 24-2  | 43681512  | 43790440  | 43660828  | 43710927  | 0.16   | cps   |
| Manganese  | 55-2  | 697092    | 698784    | 699169    | 698348    | 0.16   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:37:49 | DataFile Name :   | 022CCV_P7112217- MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4304155  | 4277811  | 4289431  | 4290466  | 0.31   | cps   |
| Molybdenum | 95-1  | 5161190  | 5171434  | 5163386  | 5165337  | 0.10   | cps   |
| Molybdenum | 96-1  | 5789264  | 5811087  | 5712921  | 5771091  | 0.89   | cps   |
| Molybdenum | 97-1  | 3222467  | 3205982  | 3198438  | 3208962  | 0.38   | cps   |
| Molybdenum | 98-1  | 8387518  | 8422554  | 8385626  | 8398566  | 0.25   | cps   |
| Neodymium  | 150-1 | 227      | 227      | 287      | 247      | 14.04  | cps   |
| Neodymium  | 150-2 | 23       | 37       | 7        | 22       | 67.63  | cps   |
| Nickel     | 60-2  | 270018   | 269179   | 270865   | 270021   | 0.31   | cps   |
| Phosphorus | 31-2  | 28153    | 28411    | 28461    | 28342    | 0.58   | cps   |
| Potassium  | 39-2  | 12375106 | 12409574 | 12394319 | 12393000 | 0.14   | cps   |
| Rhodium    | 103-1 | 4958000  | 4972021  | 4938635  | 4956219  | 0.34   | cps   |
| Rhodium    | 103-2 | 2288111  | 2278428  | 2292789  | 2286443  | 0.32   | cps   |
| Scandium   | 45-1  | 4514984  | 4457159  | 4465262  | 4479135  | 0.70   | cps   |
| Scandium   | 45-2  | 172444   | 173846   | 175023   | 173771   | 0.74   | cps   |
| Selenium   | 77-2  | 1000     | 1030     | 937      | 989      | 4.82   | cps   |
| Selenium   | 78-2  | 3556     | 3589     | 3497     | 3547     | 1.32   | cps   |
| Selenium   | 82-1  | 30063    | 30401    | 30083    | 30182    | 0.63   | cps   |
| Silicon    | 28-1  | 34269528 | 34662642 | 34464882 | 34465684 | 0.57   | cps   |
| Silver     | 109-1 | 2344314  | 2352102  | 2347748  | 2348055  | 0.17   | cps   |
| Silver     | 107-1 | 2468343  | 2469631  | 2454844  | 2464272  | 0.33   | cps   |
| Sodium     | 23-2  | 81750408 | 81669414 | 81435089 | 81618304 | 0.20   | cps   |
| Strontium  | 86-1  | 689202   | 687881   | 682895   | 686659   | 0.48   | cps   |
| Strontium  | 88-1  | 6141214  | 6126979  | 6091823  | 6120005  | 0.42   | cps   |
| Sulfur     | 34-1  | 840270   | 843980   | 838133   | 840795   | 0.35   | cps   |
| Terbium    | 159-1 | 9648243  | 9612589  | 9613220  | 9624684  | 0.21   | cps   |
| Terbium    | 159-2 | 4090589  | 4078543  | 4110515  | 4093216  | 0.39   | cps   |
| Thallium   | 203-1 | 2942451  | 2906022  | 2924180  | 2924218  | 0.62   | cps   |
| Thallium   | 205-1 | 7101404  | 7089845  | 7108881  | 7100043  | 0.14   | cps   |
| Tin        | 118-1 | 1821561  | 1812818  | 1811585  | 1815321  | 0.30   | cps   |
| Titanium   | 47-1  | 1763065  | 1746313  | 1748379  | 1752586  | 0.52   | cps   |
| Uranium    | 238-1 | 11438243 | 11368291 | 11483749 | 11430094 | 0.51   | cps   |
| Vanadium   | 51-2  | 552564   | 550325   | 552400   | 551763   | 0.23   | cps   |
| Yttrium    | 89-1  | 5921696  | 5939354  | 5899004  | 5920018  | 0.34   | cps   |
| Yttrium    | 89-2  | 694759   | 696031   | 697449   | 696080   | 0.19   | cps   |
| Zinc       | 66-2  | 191785   | 191243   | 191443   | 191490   | 0.14   | cps   |
| Zirconium  | 90-1  | 3687488  | 3688644  | 3665621  | 3680584  | 0.35   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV079              | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV079              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-11-22 17:37:49 | DataFile Name :   | 022CCV_P7112217- MS. |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 816499 | 809969 | 806791 | 811086  | 0.61   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB079              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB079              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:41:21 | DataFile Name :   | 023CCBE_P7112217- M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 150     | 58      | 94      | 51.70  | cps   |
| Antimony   | 121-1 | 8228    | 7386    | 7336    | 7650    | 6.55   | cps   |
| Arsenic    | 75-2  | 19      | 15      | 15      | 16      | 13.35  | cps   |
| Barium     | 135-1 | 108     | 117     | 117     | 114     | 4.22   | cps   |
| Barium     | 137-1 | 125     | 175     | 117     | 139     | 22.72  | cps   |
| Beryllium  | 9-1   | 578     | 689     | 767     | 678     | 14.01  | cps   |
| Bismuth    | 209-1 | 7457138 | 7437288 | 7356388 | 7416938 | 0.72   | cps   |
| Bismuth    | 209-2 | 3675307 | 3714696 | 3727511 | 3705838 | 0.73   | cps   |
| Boron      | 10-1  | 2559    | 1975    | 2167    | 2234    | 13.31  | cps   |
| Boron      | 11-1  | 11021   | 9245    | 8194    | 9487    | 15.06  | cps   |
| Cadmium    | 111-1 | 2197    | 2192    | 1939    | 2109    | 7.01   | cps   |
| Cadmium    | 106-1 | 3101    | 3100    | 2742    | 2981    | 6.94   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 375     | 300     | 308     | 328     | 12.54  | cps   |
| Calcium    | 44-1  | 141413  | 139805  | 140083  | 140434  | 0.61   | cps   |
| Chromium   | 52-2  | 247     | 247     | 293     | 262     | 10.28  | cps   |
| Cobalt     | 59-2  | 97      | 80      | 87      | 88      | 9.56   | cps   |
| Copper     | 63-2  | 780     | 683     | 783     | 749     | 7.58   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 33      | 42      | 42      | 39      | 12.38  | cps   |
| Gadolinium | 160-2 | 37      | 57      | 27      | 40      | 38.18  | cps   |
| Holmium    | 165-1 | 9877430 | 9875562 | 9741641 | 9831544 | 0.79   | cps   |
| Holmium    | 165-2 | 4379983 | 4403084 | 4412864 | 4398644 | 0.38   | cps   |
| Indium     | 115-1 | 6467830 | 6470583 | 6396121 | 6444845 | 0.66   | cps   |
| Indium     | 115-2 | 988522  | 997823  | 1005328 | 997224  | 0.84   | cps   |
| Iron       | 56-2  | 8907    | 7369    | 7363    | 7880    | 11.29  | cps   |
| Iron       | 57-2  | 239     | 228     | 167     | 211     | 18.42  | cps   |
| Lead       | 206-1 | 1339    | 1389    | 1278    | 1335    | 4.17   | cps   |
| Lead       | 207-1 | 1078    | 1200    | 1095    | 1124    | 5.90   | cps   |
| Lead       | 208-1 | 5645    | 5740    | 5239    | 5541    | 4.79   | cps   |
| Lithium    | 6-1   | 4838622 | 4855629 | 4836124 | 4843458 | 0.22   | cps   |
| Magnesium  | 24-2  | 1967    | 2150    | 2084    | 2067    | 4.49   | cps   |
| Manganese  | 55-2  | 137     | 90      | 90      | 106     | 25.53  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB079              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB079              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:41:21 | DataFile Name :   | 023CCBE_P7112217- M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1725     | 1650     | 1492     | 1622     | 7.34    | cps   |
| Molybdenum | 95-1  | 2017     | 2025     | 1533     | 1859     | 15.15   | cps   |
| Molybdenum | 96-1  | 2334     | 2267     | 2175     | 2259     | 3.52    | cps   |
| Molybdenum | 97-1  | 1167     | 1167     | 1025     | 1120     | 7.31    | cps   |
| Molybdenum | 98-1  | 3292     | 3159     | 3251     | 3234     | 2.11    | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 117      | 117      | 97       | 110      | 10.50   | cps   |
| Phosphorus | 31-2  | 233      | 183      | 200      | 206      | 12.39   | cps   |
| Potassium  | 39-2  | 28462    | 26725    | 26374    | 27187    | 4.11    | cps   |
| Rhodium    | 103-1 | 5543923  | 5508664  | 5449061  | 5500549  | 0.87    | cps   |
| Rhodium    | 103-2 | 2568701  | 2569470  | 2580668  | 2572947  | 0.26    | cps   |
| Scandium   | 45-1  | 4641297  | 4645975  | 4587530  | 4624934  | 0.70    | cps   |
| Scandium   | 45-2  | 178628   | 179650   | 180544   | 179608   | 0.53    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 11       | 7        | 6        | 8        | 35.21   | cps   |
| Selenium   | 82-1  | -12      | 25       | -29      | -5       | -504.27 | cps   |
| Silicon    | 28-1  | 34038317 | 33855988 | 33856743 | 33917016 | 0.31    | cps   |
| Silver     | 109-1 | 175      | 208      | 217      | 200      | 11.02   | cps   |
| Silver     | 107-1 | 217      | 183      | 167      | 189      | 13.48   | cps   |
| Sodium     | 23-2  | 49232    | 48495    | 48078    | 48602    | 1.20    | cps   |
| Strontium  | 86-1  | 208      | 208      | 242      | 219      | 8.77    | cps   |
| Strontium  | 88-1  | 483      | 367      | 358      | 403      | 17.35   | cps   |
| Sulfur     | 34-1  | 587492   | 595842   | 594429   | 592588   | 0.75    | cps   |
| Terbium    | 159-1 | 9975490  | 9906258  | 9858980  | 9913576  | 0.59    | cps   |
| Terbium    | 159-2 | 4189000  | 4256942  | 4241216  | 4229053  | 0.84    | cps   |
| Thallium   | 203-1 | 758      | 767      | 792      | 772      | 2.25    | cps   |
| Thallium   | 205-1 | 1667     | 1458     | 1283     | 1470     | 13.06   | cps   |
| Tin        | 118-1 | 1809     | 2050     | 1884     | 1914     | 6.46    | cps   |
| Titanium   | 47-1  | 242      | 292      | 242      | 258      | 11.17   | cps   |
| Uranium    | 238-1 | 567      | 558      | 508      | 544      | 5.79    | cps   |
| Vanadium   | 51-2  | 17       | 23       | 27       | 22       | 22.91   | cps   |
| Yttrium    | 89-1  | 6161504  | 6158128  | 6144307  | 6154647  | 0.15    | cps   |
| Yttrium    | 89-2  | 720537   | 727384   | 726733   | 724885   | 0.52    | cps   |
| Zinc       | 66-2  | 620      | 523      | 503      | 549      | 11.37   | cps   |
| Zirconium  | 90-1  | 1275     | 975      | 1267     | 1172     | 14.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB91798             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB079              | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB079              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-11-22 17:41:21 | DataFile Name :   | 023CCBE_P7112217- M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 258  | 375  | 264     | 41.09  | cps   |