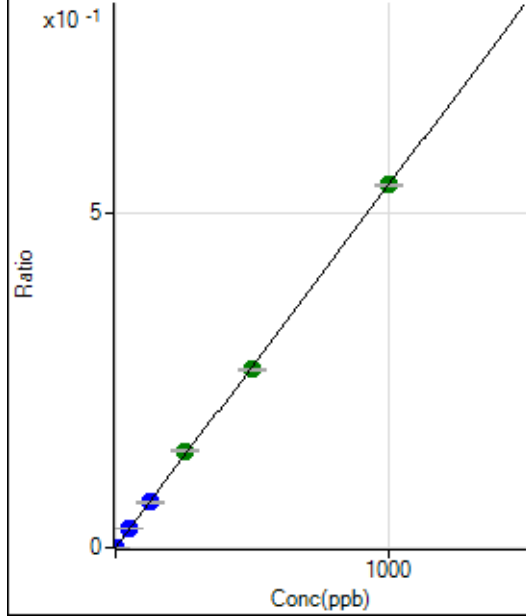


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040622 MS.b\  
Analysis File: P8040622 MS.batch.bin  
DA Date-Time: 2022-04-06 17:21:00  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2022-04-06 13:35:13 |
| 2     | 006CALS.d          | S02         | 2022-04-06 13:41:22 |
| 3     | 007CALS.d          | S03         | 2022-04-06 13:44:26 |
| 4     | 008CALS.d          | S04         | 2022-04-06 13:47:31 |
| 5     | 009CALS.d          | S05         | 2022-04-06 13:50:34 |
| 6     | 010CALS.d          | S06         | 2022-04-06 13:53:39 |
| 7     | 011CALS.d          | S07         | 2022-04-06 13:56:43 |
| 8     | 012CALS.d          | S08         | 2022-04-06 13:59:49 |

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.99      | 0.0000 | P    | 10.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.007      | 5488.62    | 0.0006 | P    | 0.8  |
| 3 | <input type="checkbox"/> | 50.000   | 52.409     | 279049.39  | 0.0284 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 125.494    | 672070.37  | 0.0681 | P    | 2.8  |
| 5 | <input type="checkbox"/> | 250.000  | 265.703    | 1411360.43 | 0.1442 | A    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 490.924    | 2641758.69 | 0.2664 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.430   | 5196997.93 | 0.5429 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 607.23     | 0.0001 | P    | 5.4  |

$$y = 5.4270\text{E-}004 * x + 4.9703\text{E-}006$$

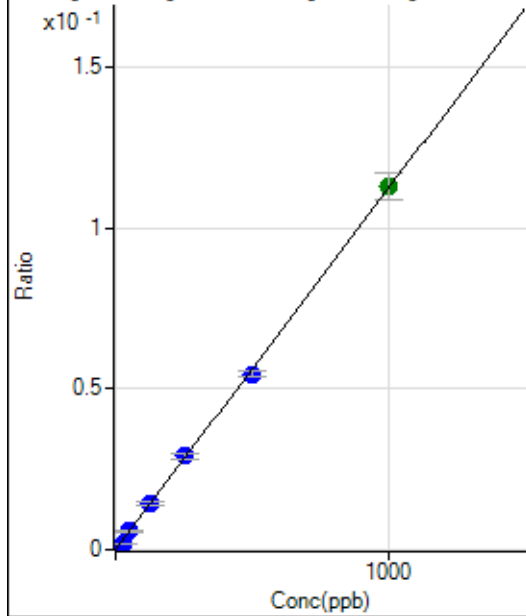
$$R = 0.9998$$

$$DL = 0.002924$$

$$BEC = 0.009158$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 449.25     | 0.0000 | P    | 9.3 |
| 2 | <input type="checkbox"/> | 25.000   | 17.256     | 19740.10   | 0.0020 | P    | 6.6 |
| 3 | <input type="checkbox"/> | 50.000   | 51.252     | 56924.51   | 0.0058 | P    | 4.2 |
| 4 | <input type="checkbox"/> | 125.000  | 127.346    | 141613.32  | 0.0144 | P    | 4.9 |
| 5 | <input type="checkbox"/> | 250.000  | 258.899    | 284915.05  | 0.0291 | P    | 7.0 |
| 6 | <input type="checkbox"/> | 500.000  | 486.709    | 542736.75  | 0.0547 | P    | 2.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.258   | 1079524.31 | 0.1129 | A    | 7.3 |
| 8 | <input type="checkbox"/> |          |            | 104613.53  | 0.0112 | P    | 6.0 |

$$y = 1.1233\text{E-}004 * x + 4.6528\text{E-}005$$

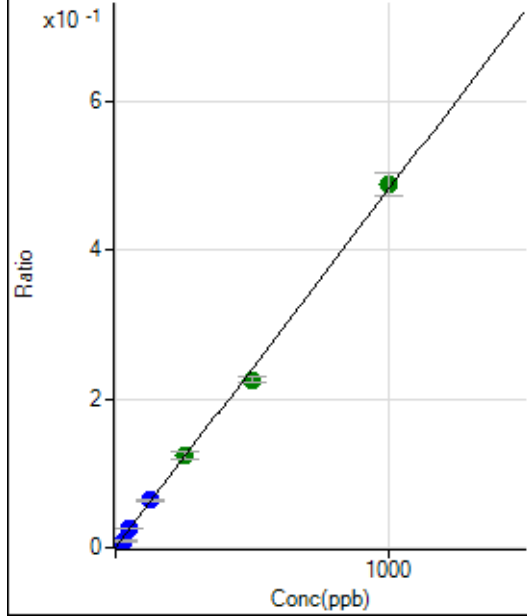
$$R = 0.9998$$

$$DL = 0.1154$$

$$BEC = 0.4142$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2007.75    | 0.0002 | P    | 3.1 |
| 2 | <input type="checkbox"/> | 25.000   | 18.112     | 88630.51   | 0.0089 | P    | 5.7 |
| 3 | <input type="checkbox"/> | 50.000   | 53.358     | 253591.38  | 0.0258 | P    | 2.7 |
| 4 | <input type="checkbox"/> | 125.000  | 132.069    | 628154.73  | 0.0637 | P    | 6.0 |
| 5 | <input type="checkbox"/> | 250.000  | 257.001    | 1210038.93 | 0.1237 | A    | 6.8 |
| 6 | <input type="checkbox"/> | 500.000  | 469.004    | 2237093.36 | 0.2256 | A    | 2.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1012.868   | 4657882.02 | 0.4869 | A    | 6.5 |
| 8 | <input type="checkbox"/> |          |            | 457734.75  | 0.0488 | P    | 7.3 |

$$y = 4.8054\text{E-}004 * x + 2.0756\text{E-}004$$

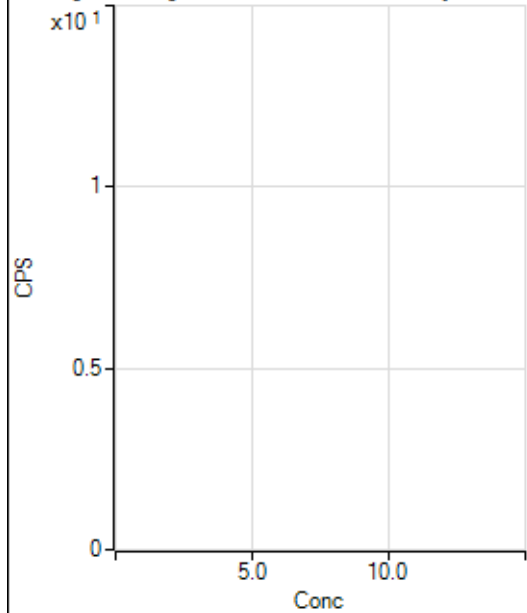
$$R = 0.9992$$

$$DL = 0.03977$$

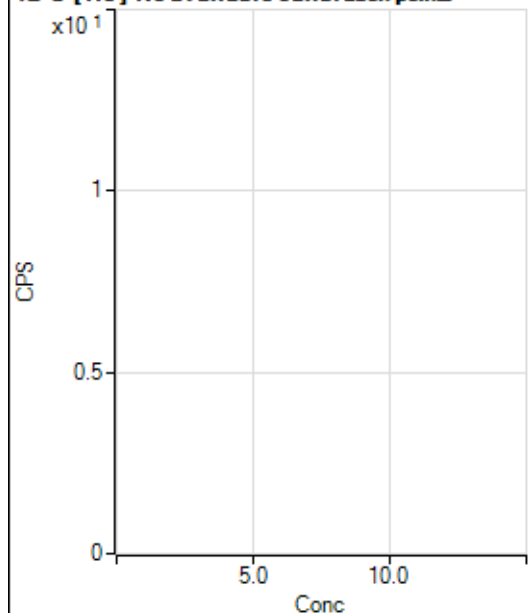
$$BEC = 0.4319$$

Weight: &lt;None&gt;

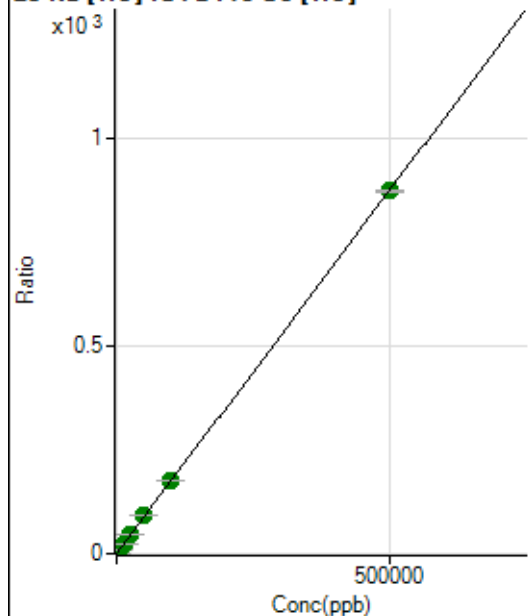
Min Conc: 0

**12 C [No Gas] No available calibration points**

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 9391377.12  |       | A    | 1.3 |
| 2 | <input type="checkbox"/> |       |            | 9489500.91  |       | A    | 0.9 |
| 3 | <input type="checkbox"/> |       |            | 11146079.33 |       | A    | 1.8 |
| 4 | <input type="checkbox"/> |       |            | 10285846.93 |       | A    | 1.3 |
| 5 | <input type="checkbox"/> |       |            | 10543529.92 |       | A    | 0.3 |
| 6 | <input type="checkbox"/> |       |            | 10547822.03 |       | A    | 1.8 |
| 7 | <input type="checkbox"/> |       |            | 11602938.45 |       | A    | 2.1 |
| 8 | <input type="checkbox"/> |       |            | 9960912.11  |       | A    | 1.3 |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 84529.23  |       | P        | 2.5 |
| 2 | <input type="checkbox"/> |       |            | 86635.68  |       | P        | 2.0 |
| 3 | <input type="checkbox"/> |       |            | 111175.09 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> |       |            | 95959.76  |       | P        | 2.3 |
| 5 | <input type="checkbox"/> |       |            | 99746.57  |       | P        | 0.7 |
| 6 | <input type="checkbox"/> |       |            | 102590.91 |       | P        | 2.2 |
| 7 | <input type="checkbox"/> |       |            | 115742.77 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> |       |            | 101821.36 |       | P        | 2.0 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 16423.52    | 0.0613   | P        | 1.7 |
| 2 | <input type="checkbox"/> | 500.000   | 428.620    | 233751.40   | 0.8120   | P        | 7.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5291.818   | 2467410.08  | 9.3307   | A        | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13163.055  | 5954033.12  | 23.1184  | A        | 0.7 |
| 5 | <input type="checkbox"/> | 25000.000 | 26197.471  | 11765801.74 | 45.9503  | A        | 0.8 |
| 6 | <input type="checkbox"/> | 50000.000 | 51926.293  | 23723810.95 | 91.0184  | A        | 0.7 |
| 7 | <input type="checkbox"/> | 100000.00 | 101244.14  | 47552349.33 | 177.4064 | A        | 0.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 499479.24  | 228974538.4 | 874.9781 | A        | 0.2 |

$$y = 0.0018 * x + 0.0613$$

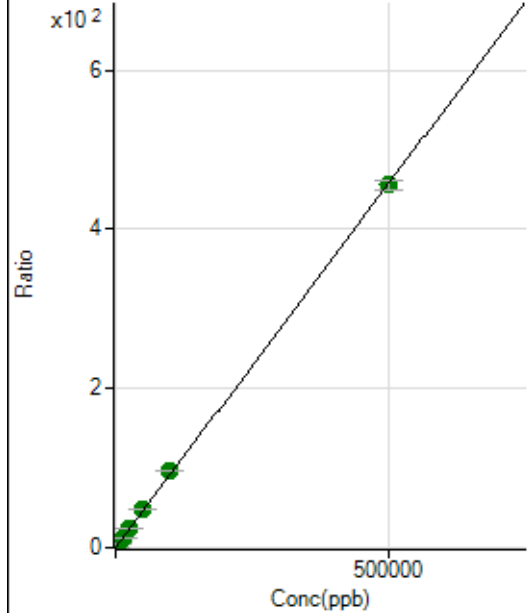
$$R = 1.0000$$

$$DL = 1.76$$

$$BEC = 34.97$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [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      | 383.35      | 0.0014   | P   | 24.1 |
| 2 | <input type="checkbox"/> | 500.000   | 460.695    | 121681.90   | 0.4227   | P   | 7.5  |
| 3 | <input type="checkbox"/> | 5000.000  | 5522.884   | 1335824.64  | 5.0516   | A   | 2.0  |
| 4 | <input type="checkbox"/> | 12500.000 | 13819.956  | 3254366.87  | 12.6386  | A   | 2.5  |
| 5 | <input type="checkbox"/> | 25000.000 | 27342.261  | 6402361.30  | 25.0035  | A   | 0.8  |
| 6 | <input type="checkbox"/> | 50000.000 | 53558.396  | 12765311.31 | 48.9759  | A   | 0.2  |
| 7 | <input type="checkbox"/> | 100000.00 | 104633.04  | 25646061.51 | 95.6791  | A   | 0.5  |
| 8 | <input type="checkbox"/> | 500000.00 | 498562.25  | 119281180.4 | 455.8926 | A   | 2.4  |

$$y = 9.1441\text{E-}004 * x + 0.0014$$

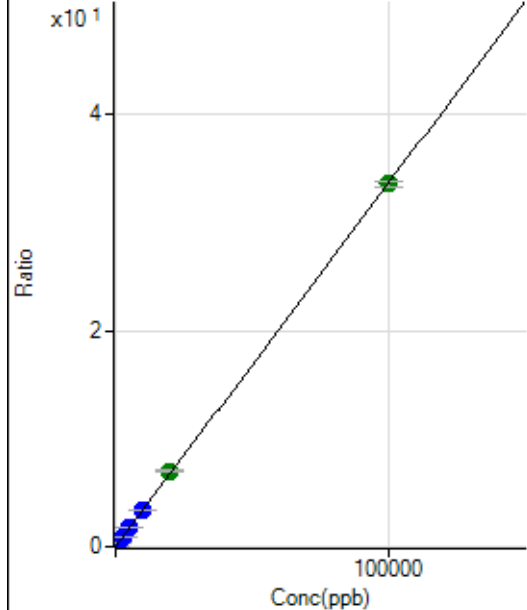
$$R = 0.9999$$

$$DL = 1.13$$

$$BEC = 1.563$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [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      | 73.32      | 0.0003  | P   | 11.2 |
| 2 | <input type="checkbox"/> | 20.000    | 17.385     | 1761.56    | 0.0061  | P   | 8.5  |
| 3 | <input type="checkbox"/> | 1000.000  | 1056.769   | 94087.77   | 0.3558  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2656.704   | 230216.82  | 0.8941  | P   | 1.7  |
| 5 | <input type="checkbox"/> | 5000.000  | 5209.551   | 448829.58  | 1.7529  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 10120.664  | 887512.59  | 3.4052  | P   | 1.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 20880.357  | 1883043.60 | 7.0250  | A   | 2.5  |
| 8 | <input type="checkbox"/> | 100000.00 | 99796.900  | 8786232.15 | 33.5749 | A   | 1.3  |

$$y = 3.3643\text{E-}004 * x + 2.7345\text{E-}004$$

$$R = 1.0000$$

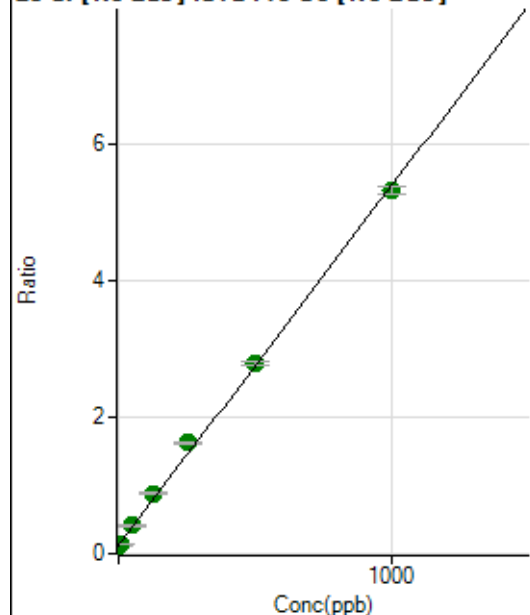
$$DL = 0.274$$

$$BEC = 0.8128$$

Weight: &lt;None&gt;

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      | 1056199.96  | 0.1205 | A   | 4.8 |
| 2 | <input type="checkbox"/> | 10.000   | 2.214      | 1205888.66  | 0.1321 | A   | 1.1 |
| 3 | <input type="checkbox"/> | 50.000   | 55.751     | 3749695.61  | 0.4140 | A   | 3.8 |
| 4 | <input type="checkbox"/> | 125.000  | 145.479    | 7919778.91  | 0.8865 | A   | 1.9 |
| 5 | <input type="checkbox"/> | 250.000  | 284.580    | 14224048.06 | 1.6190 | A   | 1.8 |
| 6 | <input type="checkbox"/> | 500.000  | 506.069    | 25384885.12 | 2.7853 | A   | 2.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 985.551    | 48547314.62 | 5.3101 | A   | 2.2 |
| 8 | <input type="checkbox"/> |          |            | 1922662.48  | 0.2128 | A   | 2.9 |

$$y = 0.0053 * x + 0.1205$$

$$R = 0.9990$$

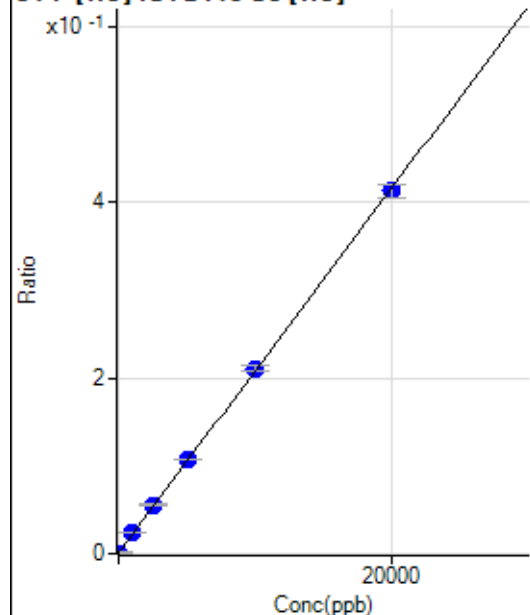
$$DL = 3.27$$

$$BEC = 22.88$$

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     | -11.611    | 144.45    | 0.0005 | P   | 26.7 |
| 2 | <input type="checkbox"/> | 0.000     | 11.611     | 294.46    | 0.0010 | P   | 18.3 |
| 3 | <input type="checkbox"/> | 1000.000  | 1100.719   | 6251.49   | 0.0236 | P   | 3.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2615.032   | 14182.25  | 0.0551 | P   | 3.1  |
| 5 | <input type="checkbox"/> | 5000.000  | 5170.417   | 27693.62  | 0.1082 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 10000.000 | 10141.187  | 55094.48  | 0.2114 | P   | 2.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19867.387  | 110800.87 | 0.4134 | P   | 3.6  |
| 8 | <input type="checkbox"/> |           |            | 227.78    | 0.0009 | P   | 29.0 |

$$y = 2.0767E-005 * x + 7.8057E-004$$

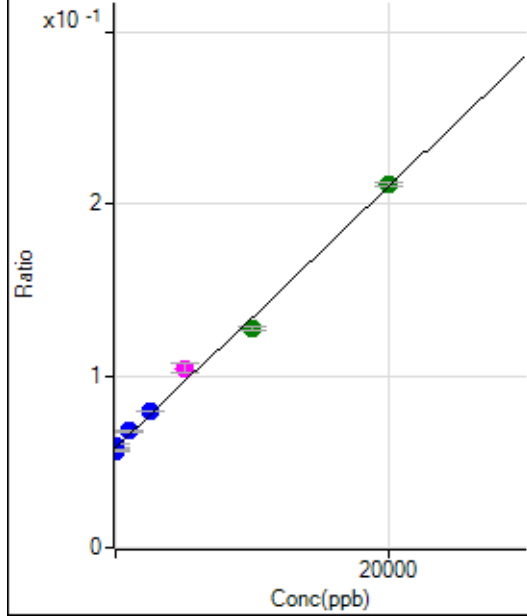
$$R = 0.9999$$

$$DL = 23.9$$

$$BEC = 37.59$$

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<br>. | RSD |
|---|--------------------------|-----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 211.244    | 523781.51  | 0.0597 | P        | 3.5 |
| 2 | <input type="checkbox"/> | 0.000     | -211.244   | 515516.45  | 0.0565 | P        | 3.1 |
| 3 | <input type="checkbox"/> | 1000.000  | 1276.404   | 614414.62  | 0.0678 | P        | 1.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2798.834   | 709367.62  | 0.0794 | P        | 0.5 |
| 5 | <input type="checkbox"/> | 5000.000  | 6090.450   | 917610.72  | 0.1044 | M        | 4.8 |
| 6 | <input type="checkbox"/> | 10000.000 | 9095.424   | 1160203.68 | 0.1273 | A        | 1.6 |
| 7 | <input type="checkbox"/> | 20000.000 | 20128.501  | 1931347.35 | 0.2112 | A        | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 412296.78  | 0.0456 | P        | 1.4 |

$$y = 7.6076E-006 * x + 0.0581$$

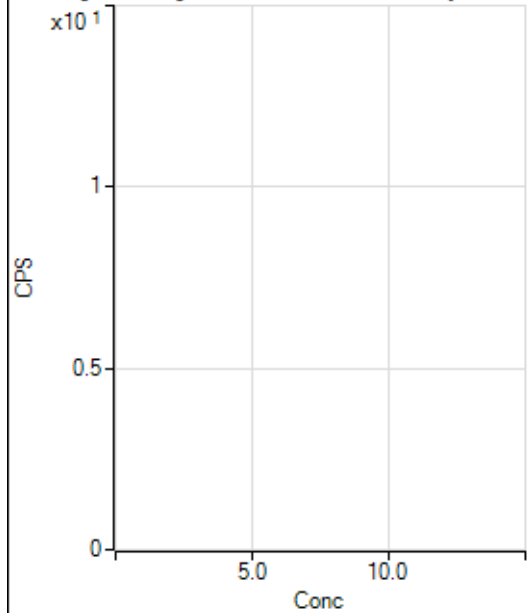
$$R = 0.9967$$

$$DL = 761.2$$

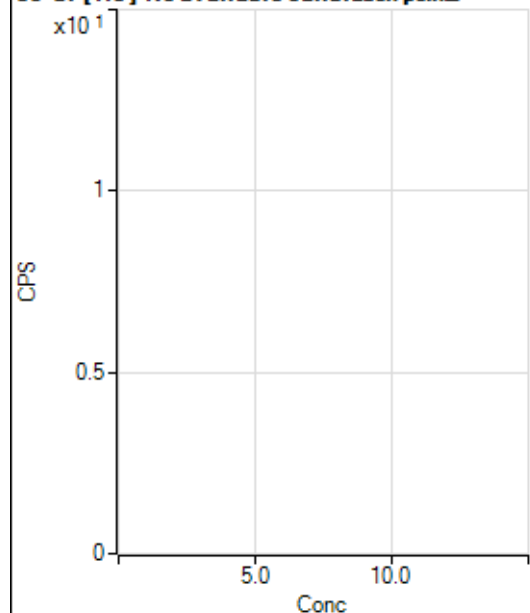
$$BEC = 7638$$

Weight: &lt;None&gt;

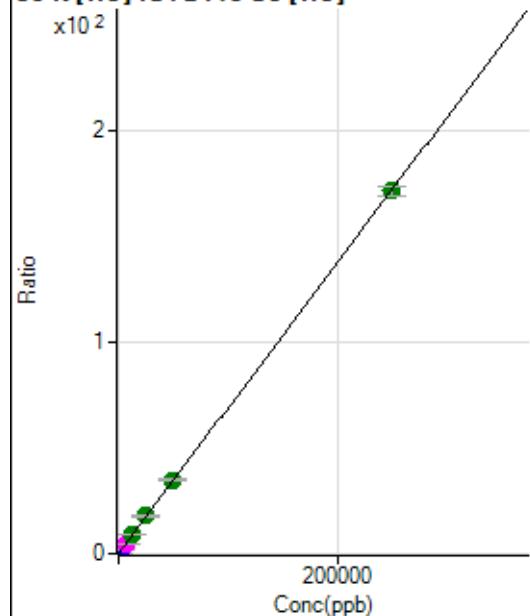
Min Conc: 0

**35 Cl [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 210653.79 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> |       |            | 241926.33 |       | P        | 1.0 |
| 3 | <input type="checkbox"/> |       |            | 252213.96 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> |       |            | 251170.47 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> |       |            | 245437.81 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> |       |            | 241788.10 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 226087.16 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> |       |            | 227186.23 |       | P        | 0.3 |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1386.21 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> |       |            | 1572.35 |       | P        | 8.0 |
| 3 | <input type="checkbox"/> |       |            | 1680.70 |       | P        | 8.7 |
| 4 | <input type="checkbox"/> |       |            | 1639.03 |       | P        | 6.5 |
| 5 | <input type="checkbox"/> |       |            | 1625.14 |       | P        | 9.2 |
| 6 | <input type="checkbox"/> |       |            | 1536.24 |       | P        | 4.7 |
| 7 | <input type="checkbox"/> |       |            | 1583.47 |       | P        | 7.5 |
| 8 | <input type="checkbox"/> |       |            | 1522.35 |       | P        | 5.4 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 24955.42    | 0.0931   | P        | 1.2 |
| 2 | <input type="checkbox"/> | 500.000   | 434.766    | 112683.02   | 0.3917   | P        | 8.9 |
| 3 | <input type="checkbox"/> | 2500.000  | 2620.428   | 500541.05   | 1.8929   | P        | 0.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6782.005   | 1223592.43  | 4.7511   | M        | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 13210.729  | 2346917.68  | 9.1666   | A        | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25712.892  | 4627229.66  | 17.7534  | A        | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 50610.610  | 9342071.73  | 34.8538  | A        | 2.1 |
| 8 | <input type="checkbox"/> | 250000.00 | 249756.67  | 44909090.94 | 171.6327 | A        | 2.4 |

$$y = 6.8683E-004 * x + 0.0931$$

$$R = 1.0000$$

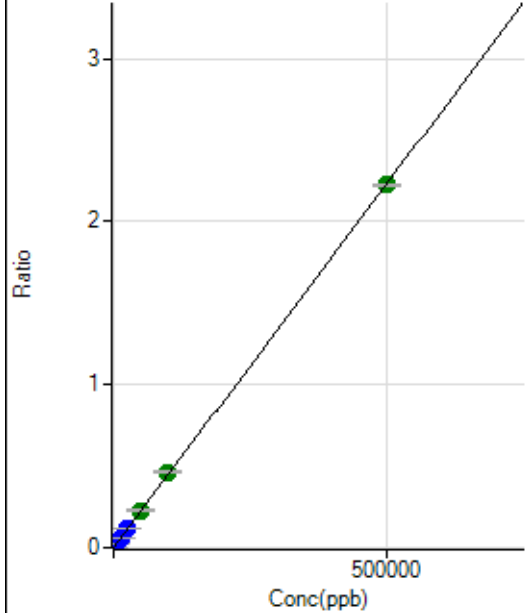
$$DL = 4.853$$

$$BEC = 135.5$$

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      | 219.98      | 0.0000 | P    | 10.3 |
| 2 | <input type="checkbox"/> | 500.000   | 469.402    | 19321.81    | 0.0021 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 5000.000  | 5184.753   | 209580.64   | 0.0231 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 12500.000 | 12888.023  | 513377.98   | 0.0575 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 25000.000 | 26047.929  | 1020074.28  | 0.1161 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 50000.000 | 51270.414  | 2082875.83  | 0.2285 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 100000.00 | 103709.68  | 4226059.46  | 0.4622 | A    | 1.8  |
| 8 | <input type="checkbox"/> | 500000.00 | 499067.10  | 20099040.98 | 2.2242 | A    | 0.6  |

$$y = 4.4568\text{E-}006 * x + 2.5120\text{E-}005$$

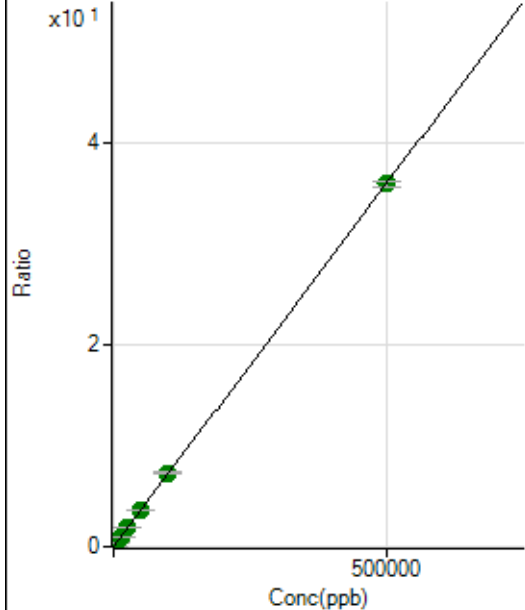
$$R = 1.0000$$

$$DL = 1.75$$

$$BEC = 5.636$$

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      | 14082.08    | 0.0016  | P    | 4.0 |
| 2 | <input type="checkbox"/> | 500.000   | 470.278    | 323626.95   | 0.0355  | P    | 1.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5147.926   | 3372065.11  | 0.3722  | A    | 1.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 12713.967  | 8191730.73  | 0.9169  | A    | 0.4 |
| 5 | <input type="checkbox"/> | 25000.000 | 25828.452  | 16348313.57 | 1.8611  | A    | 2.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 49884.902  | 32752439.54 | 3.5929  | A    | 1.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 101788.08  | 67024476.21 | 7.3296  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 500000.00 | 499605.67  | 325009910.9 | 35.9693 | A    | 1.5 |

$$y = 7.1992\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

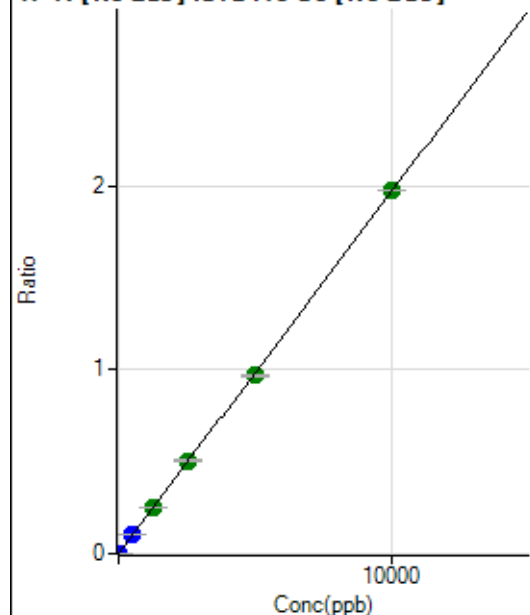
$$DL = 2.693$$

$$BEC = 22.3$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 355.57      | 0.0000 | P    | 1.7 |
| 2 | <input type="checkbox"/> | 5.000     | 5.009      | 9370.00     | 0.0010 | P    | 3.2 |
| 3 | <input type="checkbox"/> | 500.000   | 511.489    | 912614.65   | 0.1007 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1289.588   | 2268440.94  | 0.2539 | A    | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2557.706   | 4424364.47  | 0.5036 | A    | 1.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 4918.175   | 8824825.02  | 0.9682 | A    | 1.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 10020.963  | 18038878.01 | 1.9728 | A    | 0.2 |
| 8 | <input type="checkbox"/> |           |            | 3583.90     | 0.0004 | P    | 2.6 |

$$y = 1.9686E-004 * x + 4.0480E-005$$

$$R = 0.9999$$

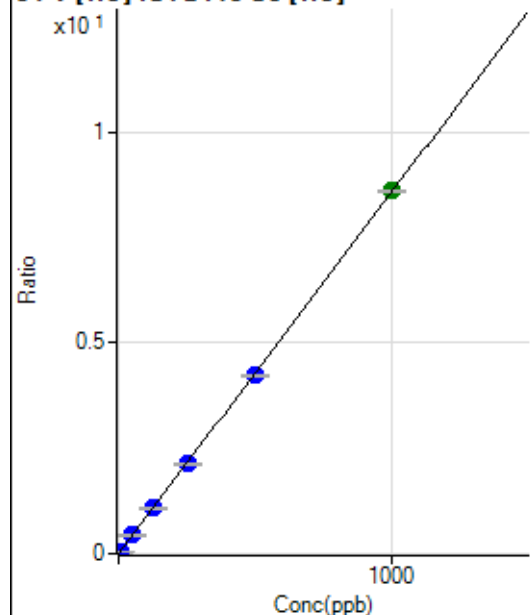
$$DL = 0.01079$$

$$BEC = 0.2056$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56       | 0.0000 | P    | 91.5 |
| 2 | <input type="checkbox"/> | 5.000    | 4.267      | 10556.19   | 0.0366 | P    | 5.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.679     | 115021.14  | 0.4350 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 125.940    | 278289.11  | 1.0809 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 250.000  | 248.557    | 546178.02  | 2.1333 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 492.971    | 1102765.00 | 4.2309 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.728   | 2309128.34 | 8.6145 | A    | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 366.68     | 0.0014 | P    | 2.1  |

$$y = 0.0086 * x + 2.0789E-005$$

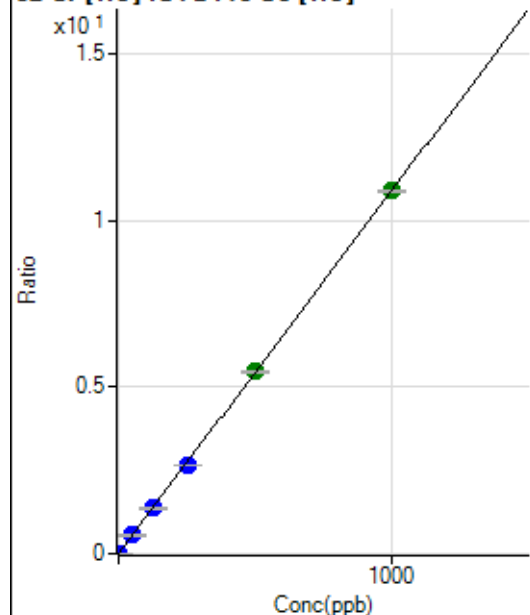
$$R = 1.0000$$

$$DL = 0.006649$$

$$BEC = 0.002422$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1201.18    | 0.0045  | P        | 7.7 |
| 2 | <input type="checkbox"/> | 2.000    | 1.671      | 6529.34    | 0.0227  | P        | 9.5 |
| 3 | <input type="checkbox"/> | 50.000   | 50.033     | 145366.77  | 0.5497  | P        | 1.0 |
| 4 | <input type="checkbox"/> | 125.000  | 125.099    | 352128.29  | 1.3678  | P        | 2.9 |
| 5 | <input type="checkbox"/> | 250.000  | 245.181    | 685261.70  | 2.6764  | P        | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 502.207    | 1427591.30 | 5.4774  | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.088   | 2922479.50 | 10.9031 | A        | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 25167.75   | 0.0962  | P        | 1.5 |

$$y = 0.0109 * x + 0.0045$$

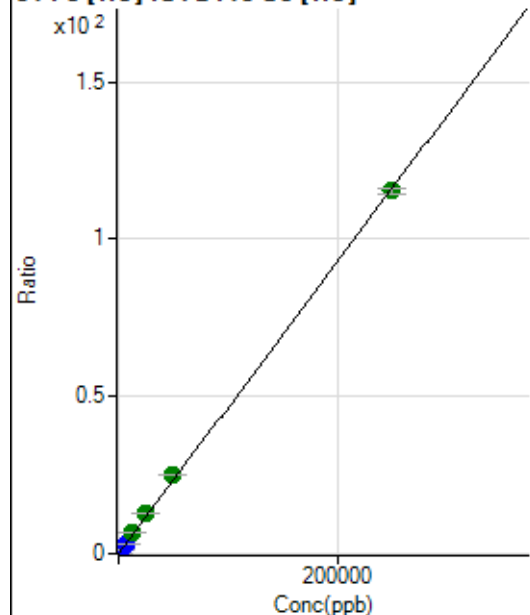
$$R = 1.0000$$

$$DL = 0.09473$$

$$BEC = 0.4111$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 838.93      | 0.0031   | P        | 1.4 |
| 2 | <input type="checkbox"/> | 50.000    | 47.122     | 7192.68     | 0.0250   | P        | 7.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2791.134   | 343025.14   | 1.2972   | P        | 1.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 6944.927   | 829878.31   | 3.2230   | P        | 2.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 14001.693  | 1662777.67  | 6.4947   | A        | 1.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 27657.433  | 3343036.18  | 12.8259  | A        | 2.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 53915.783  | 6700895.46  | 25.0000  | A        | 1.1 |
| 8 | <input type="checkbox"/> | 250000.00 | 248855.73  | 30190003.92 | 115.3797 | A        | 1.7 |

$$y = 4.6363E-004 * x + 0.0031$$

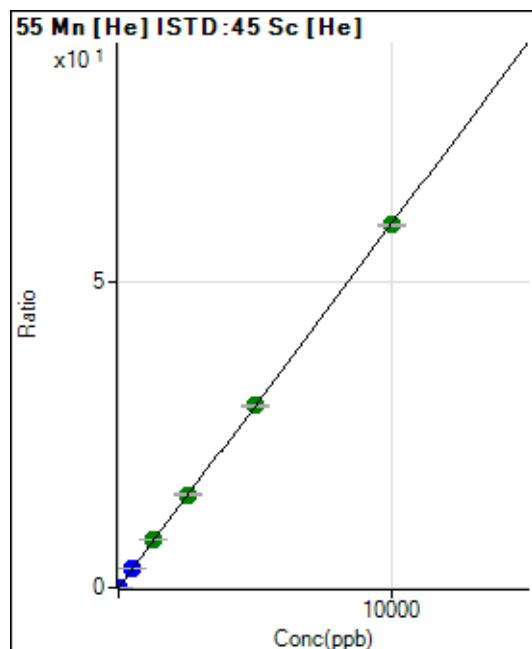
$$R = 0.9998$$

$$DL = 0.2771$$

$$BEC = 6.749$$

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      | 131.11      | 0.0005  | P    | 21.0 |
| 2 | <input type="checkbox"/> | 1.000     | 0.871      | 1629.00     | 0.0057  | P    | 6.2  |
| 3 | <input type="checkbox"/> | 500.000   | 508.677    | 797881.89   | 3.0172  | P    | 1.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1316.107   | 2009577.24  | 7.8058  | A    | 3.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2563.134   | 3892008.45  | 15.2013 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5005.512   | 7737463.43  | 29.6860 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9972.763   | 15853975.74 | 59.1446 | A    | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 8251.36     | 0.0315  | P    | 4.5  |

$$y = 0.0059 * x + 4.8930E-004$$

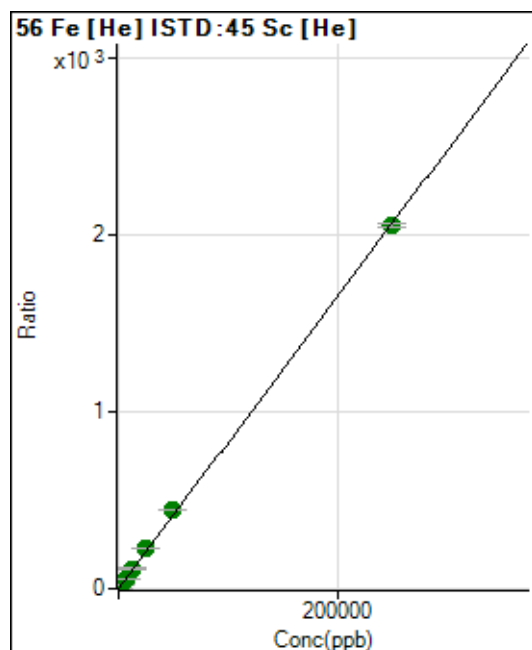
$$R = 1.0000$$

$$DL = 0.05204$$

$$BEC = 0.0825$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6258.89     | 0.0233   | P    | 3.4 |
| 2 | <input type="checkbox"/> | 50.000    | 47.388     | 119213.40   | 0.4142   | P    | 7.9 |
| 3 | <input type="checkbox"/> | 2500.000  | 2854.705   | 6232464.32  | 23.5686  | A    | 0.9 |
| 4 | <input type="checkbox"/> | 6250.000  | 7108.514   | 15102587.37 | 58.6535  | A    | 1.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13836.733  | 29225353.20 | 114.1470 | A    | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 27516.651  | 59159170.30 | 226.9772 | A    | 2.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 53913.896  | 119191155.4 | 444.6984 | A    | 1.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 248873.71  | 537127360.1 | 2.052702 | A    | 1.2 |

$$y = 0.0082 * x + 0.0233$$

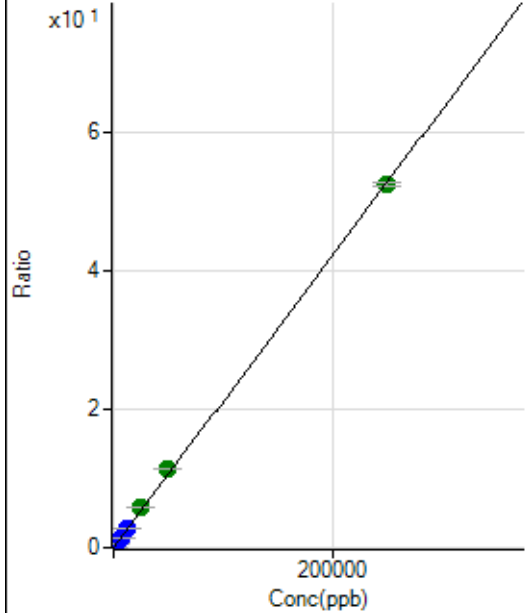
$$R = 0.9998$$

$$DL = 0.2921$$

$$BEC = 2.83$$

Weight: <None>

Min Conc: 0

**57 Fe [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      | 231.49      | 0.0009  | P    | 23.0 |
| 2 | <input type="checkbox"/> | 50.000    | 45.051     | 2978.14     | 0.0104  | P    | 13.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2730.979   | 152591.71   | 0.5770  | P    | 0.9  |
| 4 | <input type="checkbox"/> | 6250.000  | 6766.293   | 367793.15   | 1.4284  | P    | 2.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 13274.259  | 717333.22   | 2.8015  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 27672.415  | 1521923.95  | 5.8392  | A    | 1.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 54070.018  | 3057877.12  | 11.4086 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 250000.00 | 248864.82  | 13739770.56 | 52.5066 | A    | 0.9  |

$$y = 2.1098\text{E-}004 * x + 8.6284\text{E-}004$$

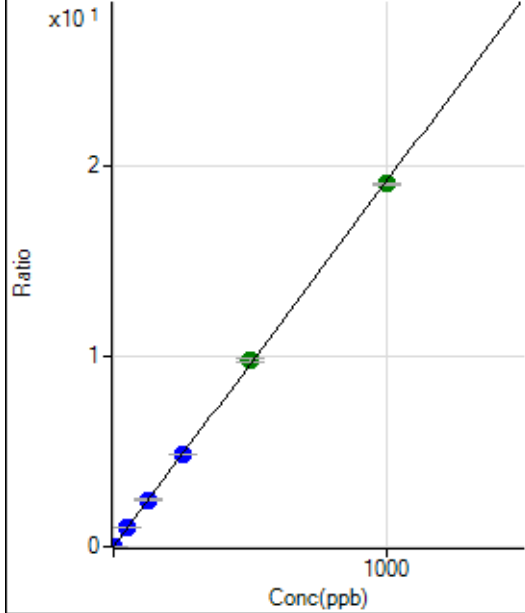
$$R = 0.9998$$

$$DL = 2.821$$

$$BEC = 4.09$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 65.56      | 0.0002  | P    | 7.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.850      | 4774.18    | 0.0166  | P    | 8.8 |
| 3 | <input type="checkbox"/> | 50.000   | 50.878     | 258636.54  | 0.9781  | P    | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 127.707    | 632003.46  | 2.4546  | P    | 2.2 |
| 5 | <input type="checkbox"/> | 250.000  | 252.573    | 1242954.67 | 4.8544  | P    | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 511.667    | 2563226.04 | 9.8338  | A    | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.141    | 5116172.15 | 19.0871 | A    | 0.7 |
| 8 | <input type="checkbox"/> |          |            | 12704.64   | 0.0486  | P    | 4.5 |

$$y = 0.0192 * x + 2.4443\text{E-}004$$

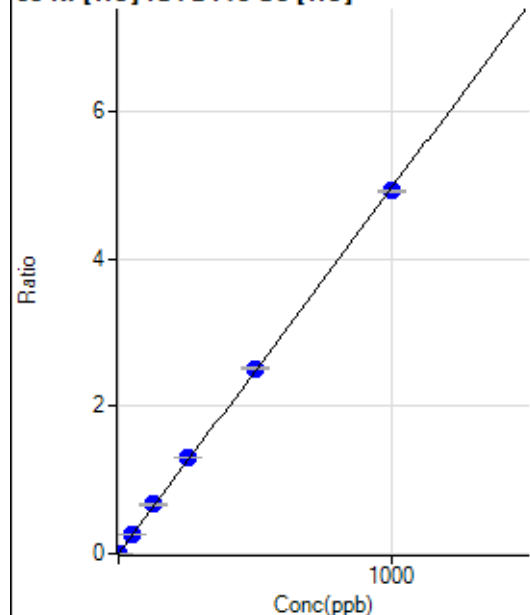
$$R = 0.9999$$

$$DL = 0.002709$$

$$BEC = 0.01272$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.78      | 0.0002 | P        | 39.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.977      | 1448.97    | 0.0050 | P        | 7.8  |
| 3 | <input type="checkbox"/> | 50.000   | 53.892     | 70802.11   | 0.2677 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 134.476    | 171946.49  | 0.6678 | P        | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 261.296    | 332205.65  | 1.2975 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 506.506    | 655492.75  | 2.5149 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.544    | 1320921.64 | 4.9279 | P        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 9022.94    | 0.0345 | P        | 1.8  |

$$y = 0.0050 * x + 1.7788E-004$$

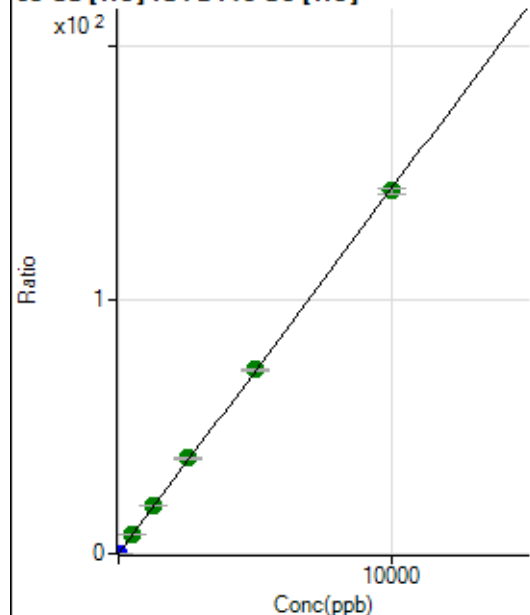
$$R = 0.9999$$

$$DL = 0.04206$$

$$BEC = 0.03583$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 844.48      | 0.0032   | P        | 10.8 |
| 2 | <input type="checkbox"/> | 2.000     | 1.841      | 8518.19     | 0.0296   | P        | 6.8  |
| 3 | <input type="checkbox"/> | 500.000   | 544.725    | 2069387.73  | 7.8255   | A        | 1.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1328.033   | 4911315.41  | 19.0739  | A        | 1.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2614.199   | 9613394.03  | 37.5435  | A        | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5044.583   | 18881941.11 | 72.4443  | A        | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9937.168   | 38251812.48 | 142.7027 | A        | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 10827.57    | 0.0414   | P        | 3.7  |

$$y = 0.0144 * x + 0.0032$$

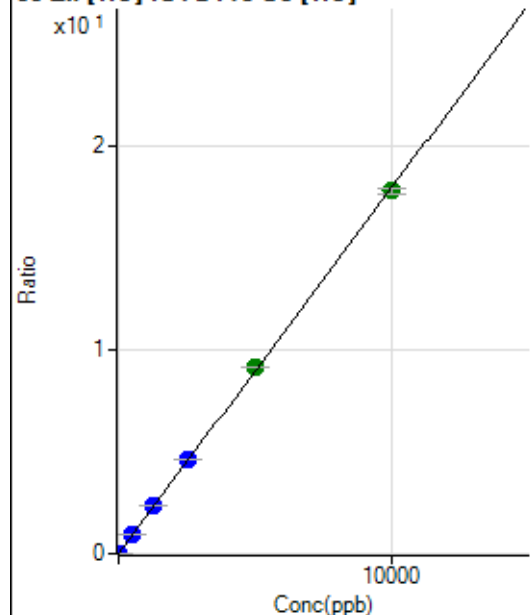
$$R = 0.9999$$

$$DL = 0.07133$$

$$BEC = 0.2194$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 181.11     | 0.0007  | P        | 14.9 |
| 2 | <input type="checkbox"/> | 2.000     | 1.856      | 1155.61    | 0.0040  | P        | 5.7  |
| 3 | <input type="checkbox"/> | 500.000   | 528.786    | 251005.15  | 0.9492  | P        | 2.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1316.868   | 608373.42  | 2.3628  | P        | 2.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2590.832   | 1190062.87 | 4.6480  | P        | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5097.237   | 2383336.04 | 9.1438  | A        | 0.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 9918.876   | 4768897.88 | 17.7926 | A        | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 3670.51    | 0.0140  | P        | 3.6  |

$$y = 0.0018 * x + 6.7549E-004$$

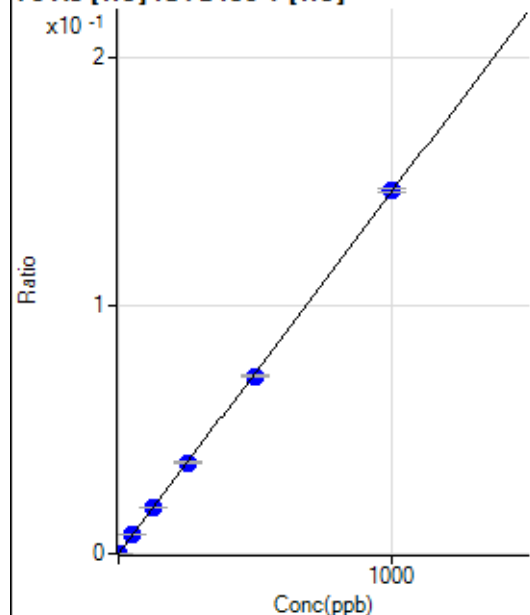
$$R = 0.9999$$

$$DL = 0.1678$$

$$BEC = 0.3766$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.00      | 0.0000 | P        | 56.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.966      | 294.37    | 0.0001 | P        | 5.6  |
| 3 | <input type="checkbox"/> | 50.000   | 51.618     | 14338.37  | 0.0075 | P        | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.077    | 34564.54  | 0.0187 | P        | 2.9  |
| 5 | <input type="checkbox"/> | 250.000  | 251.251    | 68207.28  | 0.0366 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 491.835    | 135446.23 | 0.0716 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.304   | 279630.08 | 0.1461 | P        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 99.68     | 0.0001 | P        | 2.2  |

$$y = 1.4559E-004 * x + 3.6069E-006$$

$$R = 0.9999$$

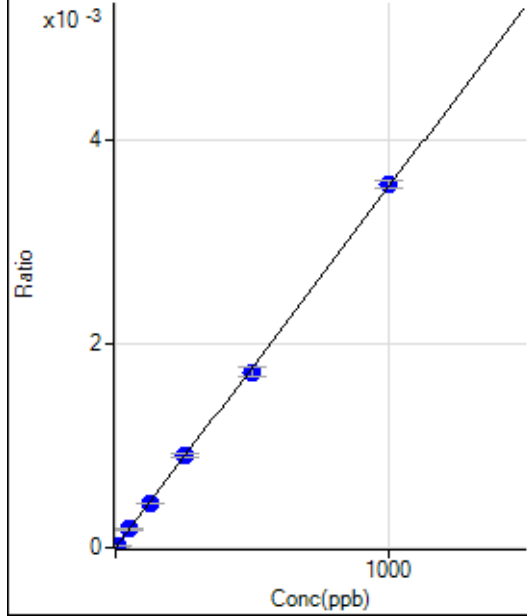
$$DL = 0.04194$$

$$BEC = 0.02477$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 4.158      | 31.11   | 0.0000 | P    | 32.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.743     | 356.67  | 0.0002 | P    | 10.0 |
| 4 | <input type="checkbox"/> | 125.000  | 123.550    | 811.14  | 0.0004 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 253.818    | 1674.56 | 0.0009 | P    | 4.0  |
| 6 | <input type="checkbox"/> | 500.000  | 486.784    | 3255.97 | 0.0017 | P    | 5.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.702   | 6810.62 | 0.0036 | P    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P    | 86.6 |

$$y = 3.5364\text{E-}006 * x + 5.8566\text{E-}007$$

$$R = 0.9999$$

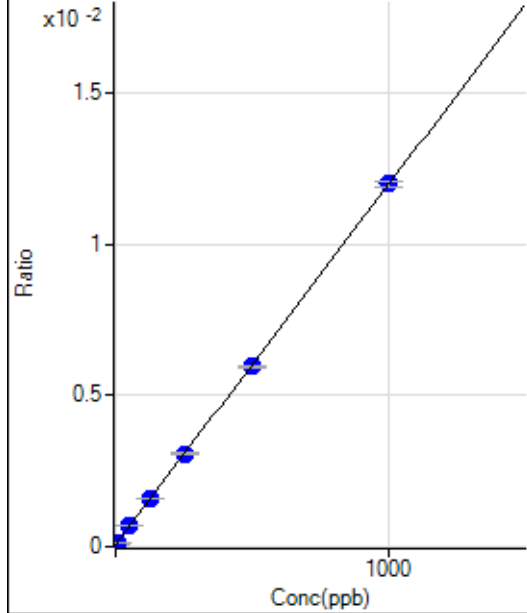
$$DL = 0.8605$$

$$BEC = 0.1656$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 126.34   | 0.0001 | P    | 2.3  |
| 2 | <input type="checkbox"/> | 5.000    | 4.154      | 235.03   | 0.0001 | P    | 4.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.636     | 1299.19  | 0.0007 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 127.665    | 2943.28  | 0.0016 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 253.305    | 5753.76  | 0.0031 | P    | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 494.381    | 11276.65 | 0.0060 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.573   | 22987.66 | 0.0120 | P    | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 119.68   | 0.0001 | P    | 11.5 |

$$y = 1.1925\text{E-}005 * x + 6.5404\text{E-}005$$

$$R = 1.0000$$

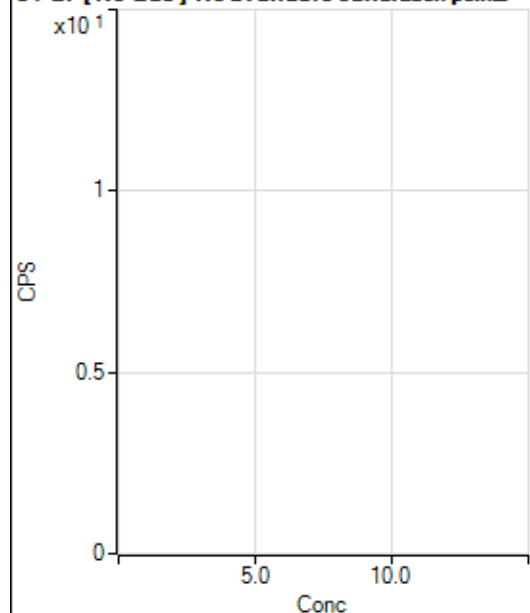
$$DL = 0.3753$$

$$BEC = 5.485$$

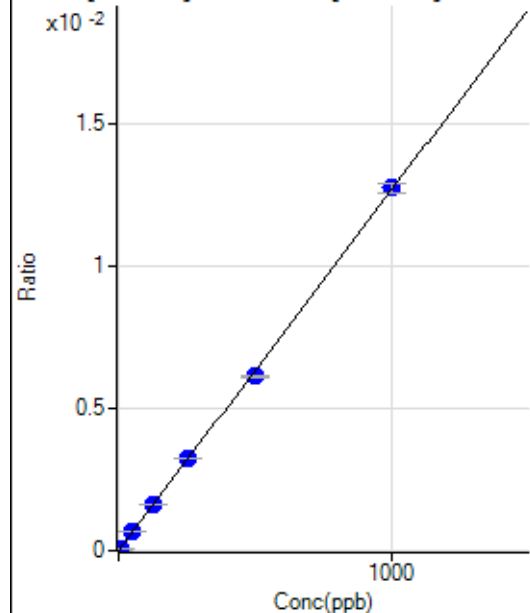
Weight: &lt;None&gt;

Min Conc: 0



**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 75340.39 |       | P        | 3.8 |
| 2 | <input type="checkbox"/> |       |            | 76214.68 |       | P        | 2.3 |
| 3 | <input type="checkbox"/> |       |            | 73554.16 |       | P        | 2.3 |
| 4 | <input type="checkbox"/> |       |            | 71590.95 |       | P        | 3.2 |
| 5 | <input type="checkbox"/> |       |            | 71470.62 |       | P        | 4.7 |
| 6 | <input type="checkbox"/> |       |            | 70816.77 |       | P        | 2.8 |
| 7 | <input type="checkbox"/> |       |            | 77037.08 |       | P        | 4.5 |
| 8 | <input type="checkbox"/> |       |            | 68783.89 |       | P        | 4.1 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -170.96   | 0.0000 | P        | -68. |
| 2 | <input type="checkbox"/> | 5.000    | 4.757      | 897.32    | 0.0001 | P        | 41.4 |
| 3 | <input type="checkbox"/> | 50.000   | 52.664     | 11852.34  | 0.0007 | P        | 4.4  |
| 4 | <input type="checkbox"/> | 125.000  | 126.890    | 28447.61  | 0.0016 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 257.363    | 58206.70  | 0.0033 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 484.022    | 111922.33 | 0.0061 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.780   | 235318.99 | 0.0128 | P        | 2.7  |
| 8 | <input type="checkbox"/> |          |            | 157.60    | 0.0000 | P        | 81.7 |

$$y = 1.2697E-005 * x - 9.8922E-006$$

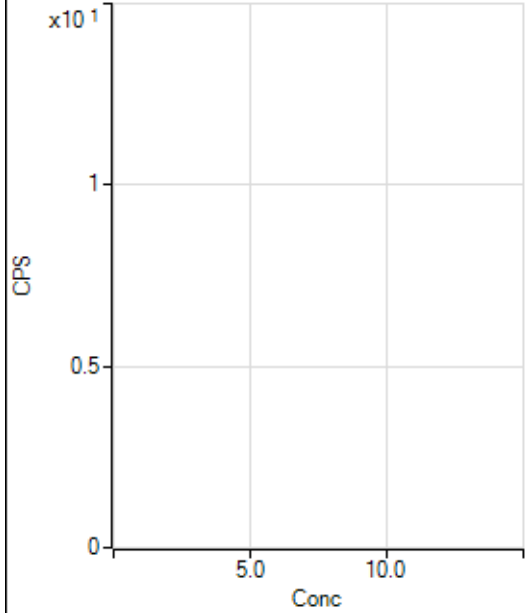
$$R = 0.9998$$

$$DL = 1.602$$

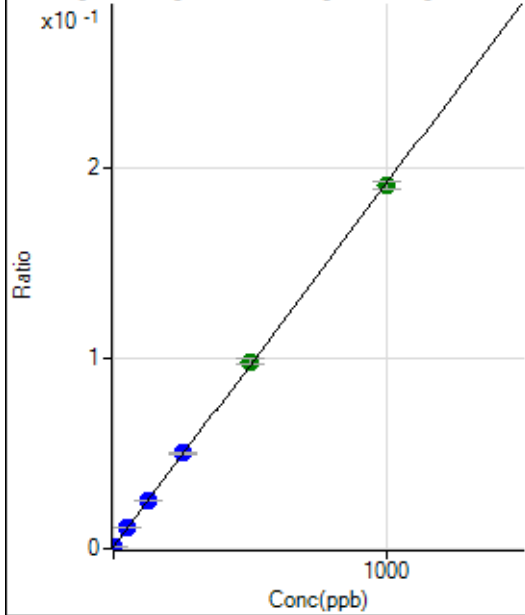
$$BEC = -0.7791$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 11648.39 |       | P        | 1.4 |
| 2 | <input type="checkbox"/> |       |            | 11711.35 |       | P        | 1.8 |
| 3 | <input type="checkbox"/> |       |            | 11531.21 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> |       |            | 11421.14 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> |       |            | 11255.19 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> |       |            | 11162.21 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> |       |            | 11184.74 |       | P        | 2.6 |
| 8 | <input type="checkbox"/> |       |            | 11055.48 |       | P        | 0.3 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 17878.53   | 0.0010 | P        | 4.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.849      | 21133.09   | 0.0012 | P        | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 51.123     | 194376.17  | 0.0108 | P        | 2.8 |
| 4 | <input type="checkbox"/> | 125.000  | 128.216    | 453963.50  | 0.0255 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 256.760    | 895654.34  | 0.0501 | P        | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 509.945    | 1797750.06 | 0.0986 | A        | 2.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 992.880    | 3521267.14 | 0.1909 | A        | 2.1 |
| 8 | <input type="checkbox"/> |          |            | 40100.08   | 0.0023 | P        | 0.4 |

$$y = 1.9126E-004 * x + 0.0010$$

$$R = 0.9999$$

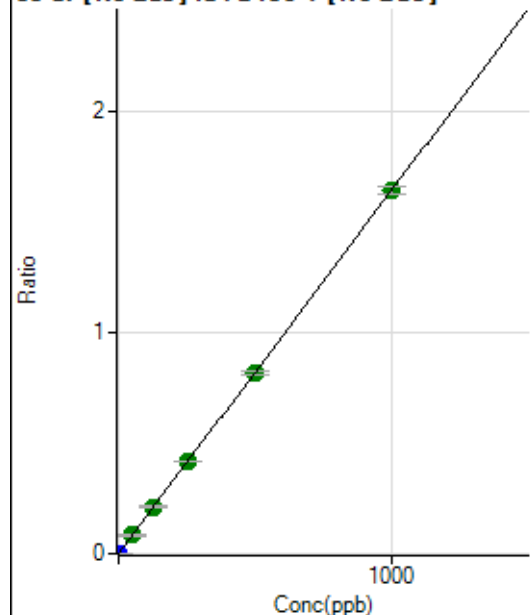
$$DL = 0.7503$$

$$BEC = 5.348$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 305.57      | 0.0000 | P        | 27.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.936      | 27697.68    | 0.0016 | P        | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.078     | 1508067.32  | 0.0838 | A        | 3.9  |
| 4 | <input type="checkbox"/> | 125.000  | 128.336    | 3740904.47  | 0.2106 | A        | 2.5  |
| 5 | <input type="checkbox"/> | 250.000  | 256.358    | 7514897.74  | 0.4206 | A        | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 497.972    | 14902464.05 | 0.8170 | A        | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.954    | 30226847.55 | 1.6389 | A        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 196633.31   | 0.0113 | P        | 1.2  |

$$y = 0.0016 * x + 1.7548E-005$$

$$R = 1.0000$$

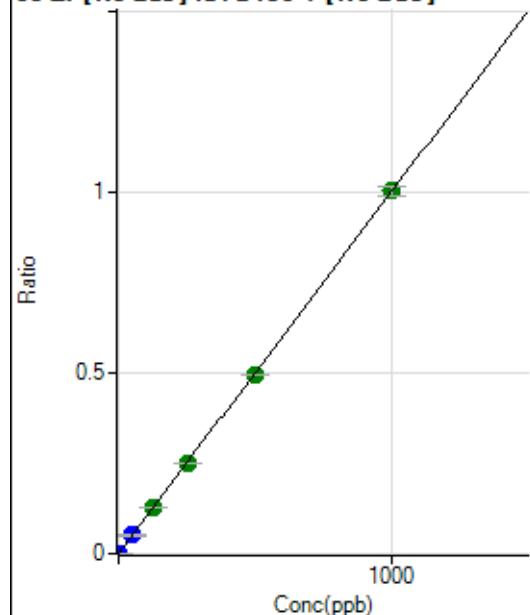
$$DL = 0.008761$$

$$BEC = 0.0107$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 697.26      | 0.0000 | P        | 13.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.952      | 17700.66    | 0.0010 | P        | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 50.798     | 915500.97   | 0.0509 | P        | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 128.145    | 2279125.72  | 0.1283 | A        | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 249.411    | 4458934.65  | 0.2496 | A        | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 494.028    | 9017180.76  | 0.4943 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.700   | 18502148.16 | 1.0033 | A        | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 9817.66     | 0.0006 | P        | 1.2  |

$$y = 0.0010 * x + 3.9870E-005$$

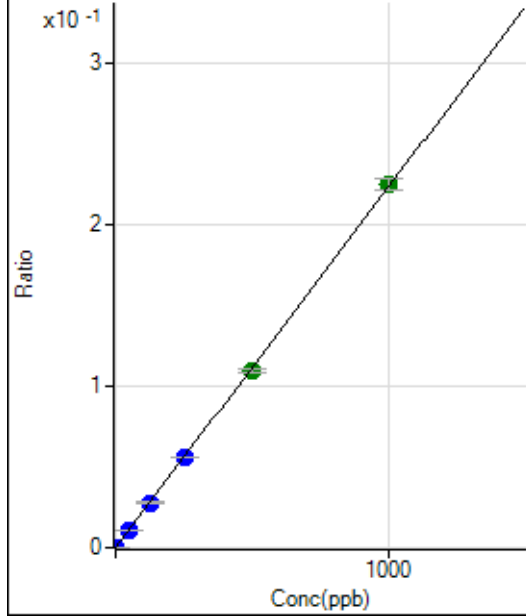
$$R = 1.0000$$

$$DL = 0.01584$$

$$BEC = 0.03985$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23     | 0.0000 | P        | 8.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.921      | 3847.85    | 0.0002 | P        | 2.1 |
| 3 | <input type="checkbox"/> | 50.000   | 49.397     | 198946.20  | 0.0111 | P        | 2.6 |
| 4 | <input type="checkbox"/> | 125.000  | 125.187    | 497489.85  | 0.0280 | P        | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 249.726    | 997665.95  | 0.0558 | P        | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 488.968    | 1994449.67 | 0.1093 | A        | 2.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.591   | 4145894.45 | 0.2248 | A        | 3.2 |
| 8 | <input type="checkbox"/> |          |            | 2066.88    | 0.0001 | P        | 6.8 |

$$y = 2.2357\text{E-}004 * x + 9.8519\text{E-}006$$

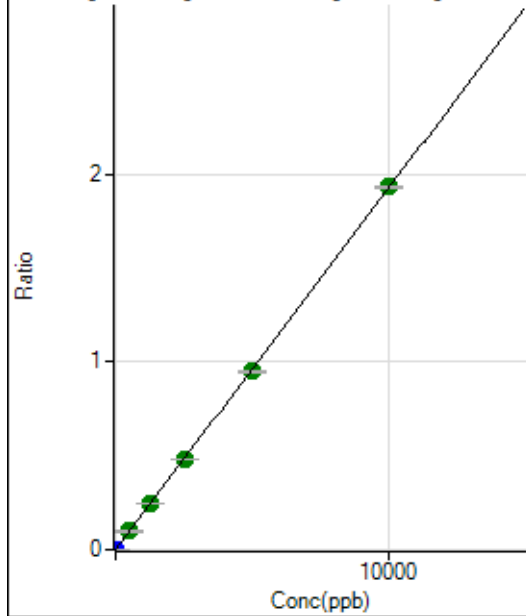
$$R = 0.9999$$

$$DL = 0.0107$$

$$BEC = 0.04407$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 211.12      | 0.0000 | P        | 17.5 |
| 2 | <input type="checkbox"/> | 5.000     | 5.586      | 19380.77    | 0.0011 | P        | 2.8  |
| 3 | <input type="checkbox"/> | 500.000   | 508.735    | 1761693.77  | 0.0979 | A        | 3.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1272.016   | 4349344.89  | 0.2448 | A        | 2.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2492.904   | 8571666.51  | 0.4798 | A        | 0.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4922.616   | 17281305.77 | 0.9473 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10037.277  | 35636396.28 | 1.9316 | A        | 0.4  |
| 8 | <input type="checkbox"/> |           |            | 12756.20    | 0.0007 | P        | 2.1  |

$$y = 1.9244\text{E-}004 * x + 1.2044\text{E-}005$$

$$R = 1.0000$$

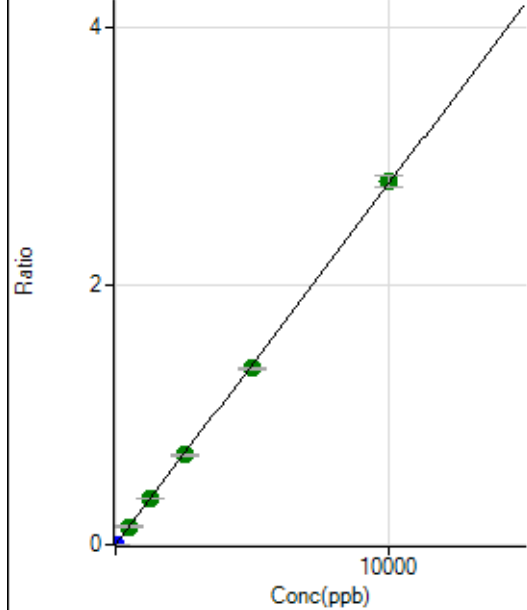
$$DL = 0.03291$$

$$BEC = 0.06259$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13.89       | 0.0000 | P    | 36.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.783      | 23770.90    | 0.0013 | P    | 3.7  |
| 3 | <input type="checkbox"/> | 500.000   | 504.395    | 2528570.06  | 0.1406 | A    | 4.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1269.572   | 6285321.36  | 0.3538 | A    | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2480.731   | 12350609.31 | 0.6913 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 4886.566   | 24840559.06 | 1.3617 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 10058.868  | 51687608.79 | 2.8030 | A    | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 13854.51    | 0.0008 | P    | 2.9  |

$$y = 2.7866E-004 * x + 7.9761E-007$$

$$R = 0.9999$$

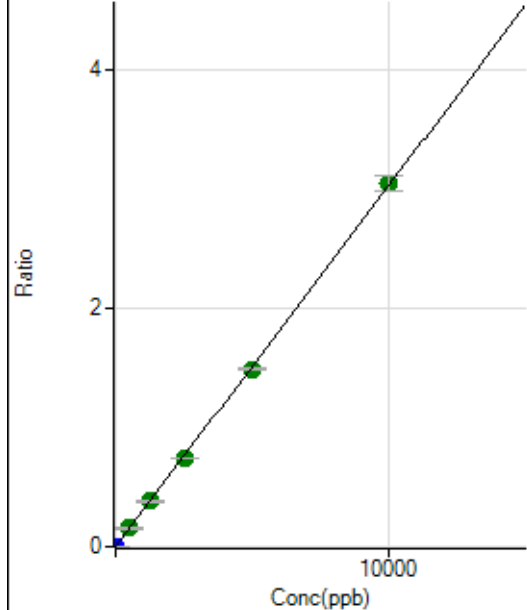
$$DL = 0.003092$$

$$BEC = 0.002862$$

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      | 422.24      | 0.0000 | P    | 15.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.931      | 27096.41    | 0.0015 | P    | 0.6  |
| 3 | <input type="checkbox"/> | 500.000   | 507.961    | 2772424.22  | 0.1541 | A    | 4.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1259.011   | 6785225.80  | 0.3819 | A    | 1.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2460.502   | 13333685.11 | 0.7463 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 4911.583   | 27175031.51 | 1.4897 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10052.558  | 56208540.84 | 3.0489 | A    | 4.4  |
| 8 | <input type="checkbox"/> |           |            | 44266.91    | 0.0025 | P    | 1.1  |

$$y = 3.0329E-004 * x + 2.4064E-005$$

$$R = 0.9999$$

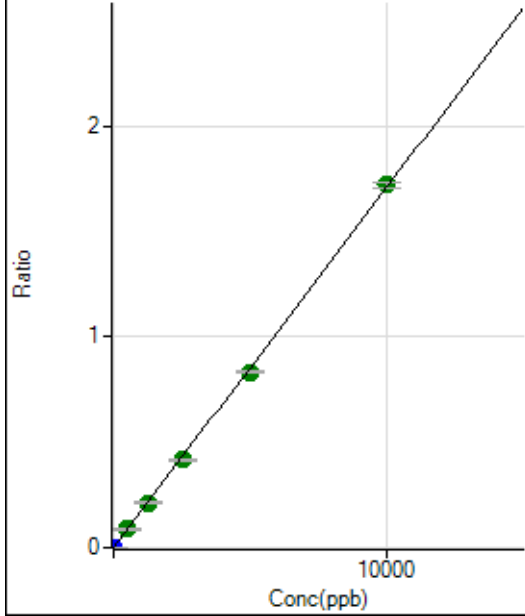
$$DL = 0.03752$$

$$BEC = 0.07934$$

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      | 11.11       | 0.0000 | P    | 46.6 |
| 2 | <input type="checkbox"/> | 5.000     | 4.809      | 14658.20    | 0.0008 | P    | 2.2  |
| 3 | <input type="checkbox"/> | 500.000   | 510.066    | 1567984.82  | 0.0871 | A    | 3.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1241.378   | 3767619.09  | 0.2121 | A    | 2.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2444.631   | 7460875.60  | 0.4176 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4873.242   | 15185440.44 | 0.8325 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 10077.796  | 31751771.20 | 1.7215 | A    | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 8833.63     | 0.0005 | P    | 2.9  |

$$y = 1.7082\text{E-}004 * x + 6.4078\text{E-}007$$

$$R = 0.9999$$

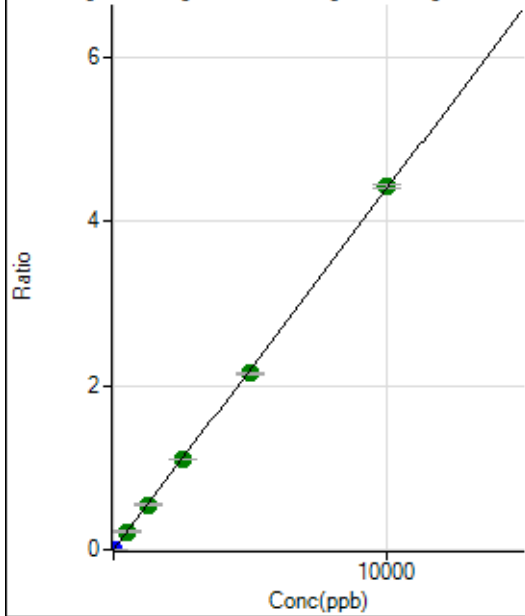
$$DL = 0.005243$$

$$BEC = 0.003751$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 119.45      | 0.0000 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 5.000     | 4.841      | 38069.92    | 0.0021 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 500.000   | 495.009    | 3916041.06  | 0.2177 | A    | 4.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1250.310   | 9766797.70  | 0.5498 | A    | 3.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2487.199   | 19541094.54 | 1.0937 | A    | 0.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 4895.614   | 39274470.32 | 2.1528 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10055.604  | 81567667.79 | 4.4218 | A    | 1.2  |
| 8 | <input type="checkbox"/> |           |            | 21425.45    | 0.0012 | P    | 5.7  |

$$y = 4.3974\text{E-}004 * x + 6.8458\text{E-}006$$

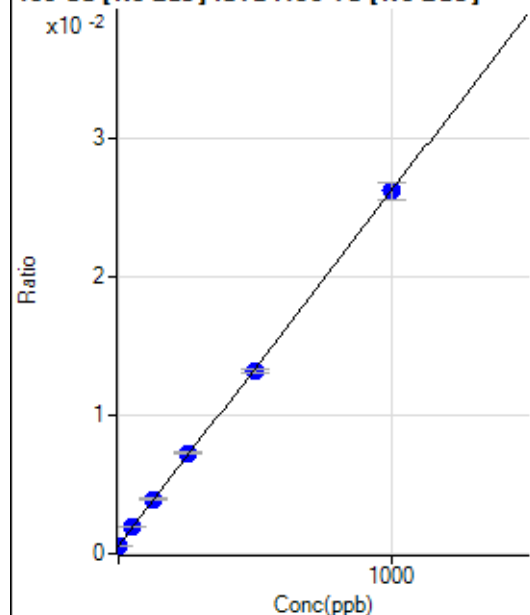
$$R = 0.9999$$

$$DL = 0.006367$$

$$BEC = 0.01557$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6115.39   | 0.0006 | P        | 5.1 |
| 2 | <input type="checkbox"/> | 1.000    | -0.493     | 6282.16   | 0.0006 | P        | 1.1 |
| 3 | <input type="checkbox"/> | 50.000   | 53.943     | 20857.95  | 0.0020 | P        | 4.5 |
| 4 | <input type="checkbox"/> | 125.000  | 131.334    | 42856.42  | 0.0040 | P        | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 261.160    | 80821.79  | 0.0073 | P        | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 493.440    | 149590.06 | 0.0132 | P        | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.502    | 301970.25 | 0.0262 | P        | 4.8 |
| 8 | <input type="checkbox"/> |          |            | 5787.48   | 0.0005 | P        | 4.6 |

$$y = 2.5670\text{E-}005 * x + 5.8080\text{E-}004$$

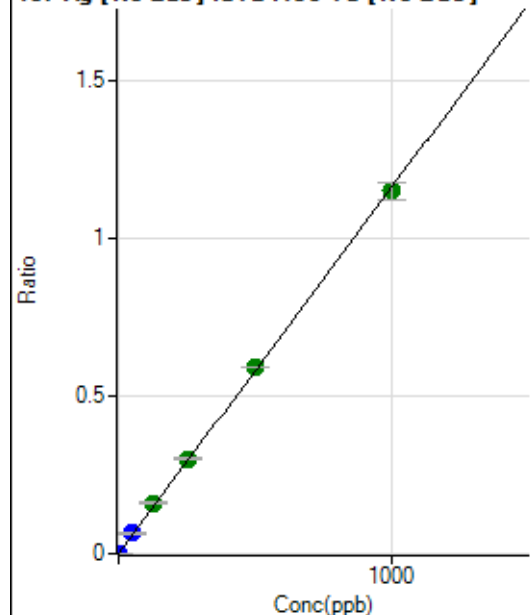
$$R = 0.9999$$

$$DL = 3.453$$

$$BEC = 22.63$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 136.11      | 0.0000 | P        | 7.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.989      | 12834.16    | 0.0012 | P        | 0.8 |
| 3 | <input type="checkbox"/> | 50.000   | 56.160     | 691239.92   | 0.0652 | P        | 4.8 |
| 4 | <input type="checkbox"/> | 125.000  | 137.490    | 1729897.80  | 0.1595 | A        | 2.9 |
| 5 | <input type="checkbox"/> | 250.000  | 259.888    | 3345730.13  | 0.3016 | A        | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 509.413    | 6674497.24  | 0.5911 | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.952    | 13232959.84 | 1.1498 | A        | 4.6 |
| 8 | <input type="checkbox"/> |          |            | 4278.57     | 0.0004 | P        | 6.1 |

$$y = 0.0012 * x + 1.2903\text{E-}005$$

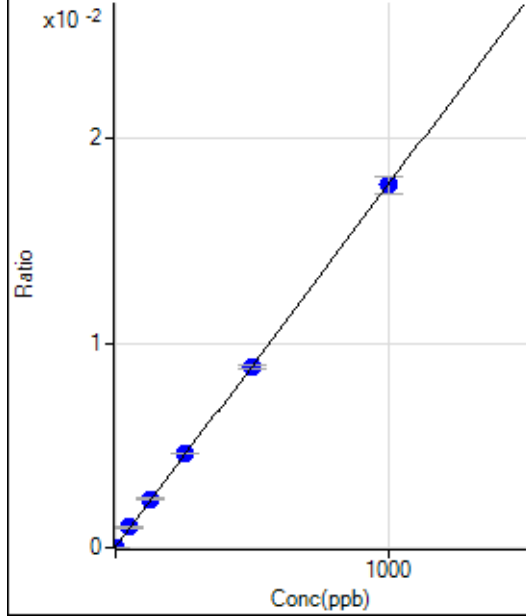
$$R = 0.9998$$

$$DL = 0.002479$$

$$BEC = 0.01112$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 204.17    | 0.0000 | P        | 14.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.022      | 415.29    | 0.0000 | P        | 15.9 |
| 3 | <input type="checkbox"/> | 50.000   | 55.356     | 10608.40  | 0.0010 | P        | 7.3  |
| 4 | <input type="checkbox"/> | 125.000  | 133.862    | 25944.02  | 0.0024 | P        | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 257.794    | 50923.18  | 0.0046 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 496.847    | 99687.43  | 0.0088 | P        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.253    | 203881.64 | 0.0177 | P        | 5.1  |
| 8 | <input type="checkbox"/> |          |            | 254.17    | 0.0000 | P        | 14.7 |

$$y = 1.7729E-005 * x + 1.9432E-005$$

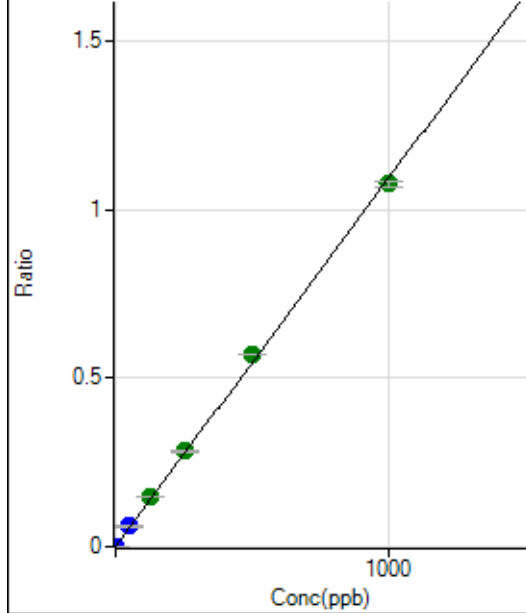
$$R = 0.9999$$

$$DL = 0.4904$$

$$BEC = 1.096$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00       | 0.0000 | P        | 4.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.055      | 12806.35    | 0.0012 | P        | 4.0 |
| 3 | <input type="checkbox"/> | 50.000   | 56.017     | 649460.13   | 0.0612 | P        | 4.7 |
| 4 | <input type="checkbox"/> | 125.000  | 135.916    | 1610904.02  | 0.1486 | A        | 3.1 |
| 5 | <input type="checkbox"/> | 250.000  | 259.442    | 3146245.75  | 0.2836 | A        | 2.1 |
| 6 | <input type="checkbox"/> | 500.000  | 521.901    | 6442178.23  | 0.5705 | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 985.024    | 12402030.75 | 1.0767 | A        | 1.7 |
| 8 | <input type="checkbox"/> |          |            | 3742.28     | 0.0003 | P        | 8.8 |

$$y = 0.0011 * x + 4.7482E-006$$

$$R = 0.9996$$

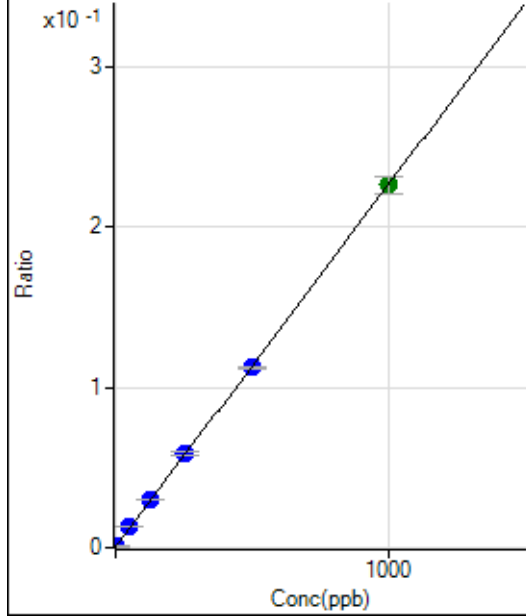
$$DL = 0.000603$$

$$BEC = 0.004344$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4192.02    | 0.0004 | P        | 4.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.912      | 6683.47    | 0.0006 | P        | 3.0 |
| 3 | <input type="checkbox"/> | 50.000   | 54.852     | 135899.51  | 0.0128 | P        | 3.1 |
| 4 | <input type="checkbox"/> | 125.000  | 132.160    | 328543.07  | 0.0303 | P        | 1.5 |
| 5 | <input type="checkbox"/> | 250.000  | 258.211    | 652483.92  | 0.0588 | P        | 2.1 |
| 6 | <input type="checkbox"/> | 500.000  | 495.747    | 1271132.36 | 0.1126 | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.936    | 2605490.97 | 0.2264 | A        | 5.0 |
| 8 | <input type="checkbox"/> |          |            | 4515.01    | 0.0004 | P        | 2.5 |

$$y = 2.2625\text{E-}004 * x + 3.9808\text{E-}004$$

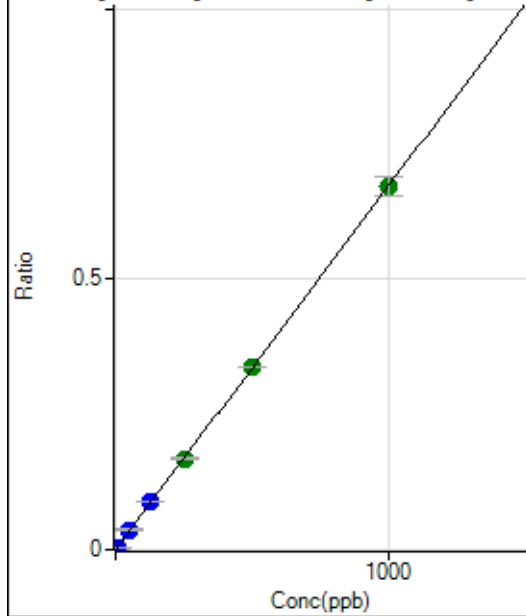
$$R = 0.9999$$

$$DL = 0.2509$$

$$BEC = 1.759$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1589.03    | 0.0002 | P        | 2.6 |
| 2 | <input type="checkbox"/> | 5.000    | 4.761      | 37073.35   | 0.0034 | P        | 1.2 |
| 3 | <input type="checkbox"/> | 50.000   | 54.765     | 392334.20  | 0.0370 | P        | 4.3 |
| 4 | <input type="checkbox"/> | 125.000  | 131.450    | 960390.73  | 0.0886 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 250.709    | 1872791.78 | 0.1688 | A        | 1.4 |
| 6 | <input type="checkbox"/> | 500.000  | 502.230    | 3816486.93 | 0.3380 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.664    | 7723126.47 | 0.6712 | A        | 5.4 |
| 8 | <input type="checkbox"/> |          |            | 5431.79    | 0.0005 | P        | 1.7 |

$$y = 6.7261\text{E-}004 * x + 1.5078\text{E-}004$$

$$R = 1.0000$$

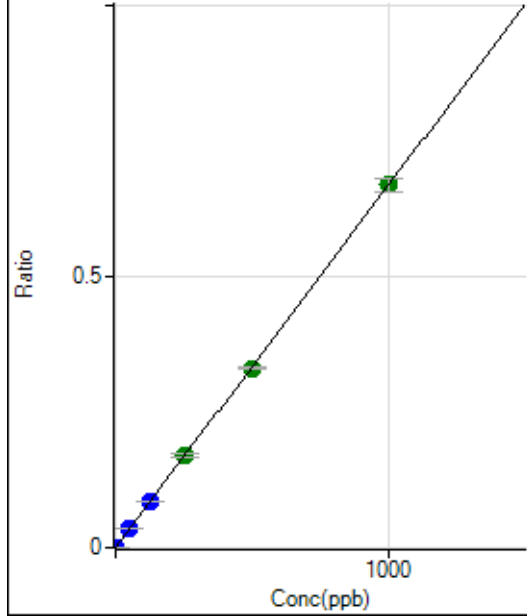
$$DL = 0.01773$$

$$BEC = 0.2242$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00      | 0.0000 | P   | 42.2 |
| 2 | <input type="checkbox"/> | 2.000    | 1.856      | 13787.86   | 0.0012 | P   | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 52.969     | 376159.48  | 0.0355 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.574    | 933331.17  | 0.0861 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 255.266    | 1895428.23 | 0.1709 | A   | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 494.595    | 3738746.44 | 0.3311 | A   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.791   | 7712689.24 | 0.6699 | A   | 3.5  |
| 8 | <input type="checkbox"/> |          |            | 4314.71    | 0.0004 | P   | 7.4  |

$$y = 6.6938E-004 * x + 4.7161E-006$$

$$R = 1.0000$$

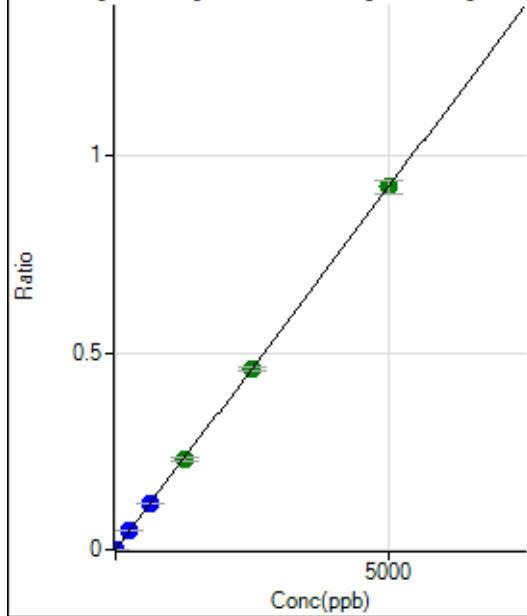
$$DL = 0.008929$$

$$BEC = 0.007046$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00       | 0.0000 | P   | 32.0 |
| 2 | <input type="checkbox"/> | 10.000   | 9.035      | 18454.73    | 0.0017 | P   | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 257.146    | 502604.18   | 0.0474 | P   | 3.0  |
| 4 | <input type="checkbox"/> | 625.000  | 632.543    | 1263477.03  | 0.1165 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1242.436   | 2538556.56  | 0.2288 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2500.470   | 5201064.96  | 0.4606 | A   | 1.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 5000.358   | 10602964.21 | 0.9210 | A   | 3.6  |
| 8 | <input type="checkbox"/> |          |            | 4931.60     | 0.0005 | P   | 2.0  |

$$y = 1.8419E-004 * x + 4.7387E-006$$

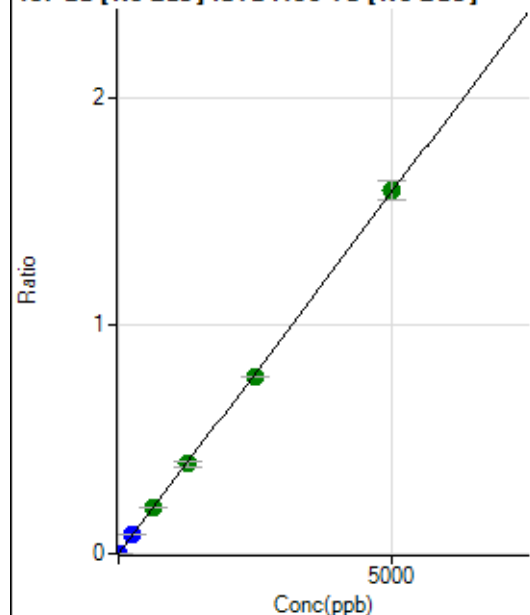
$$R = 1.0000$$

$$DL = 0.02469$$

$$BEC = 0.02573$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78       | 0.0000 | P    | 42.3 |
| 2 | <input type="checkbox"/> | 10.000   | 9.322      | 32637.37    | 0.0030 | P    | 3.1  |
| 3 | <input type="checkbox"/> | 250.000  | 264.971    | 889416.96   | 0.0838 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 625.000  | 641.379    | 2200586.72  | 0.2029 | A    | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1241.048   | 4354898.10  | 0.3927 | A    | 4.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2452.117   | 8761384.66  | 0.7759 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5023.385   | 18291014.99 | 1.5894 | A    | 5.3  |
| 8 | <input type="checkbox"/> |          |            | 8614.07     | 0.0008 | P    | 4.4  |

$$y = 3.1641\text{E-}004 * x + 2.6057\text{E-}006$$

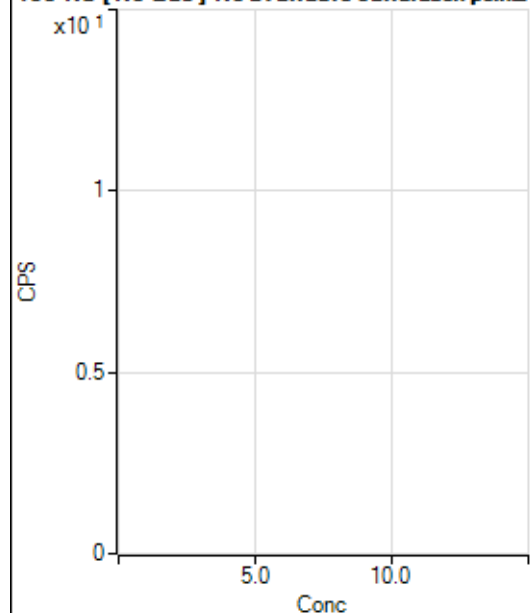
$$R = 0.9999$$

$$DL = 0.01044$$

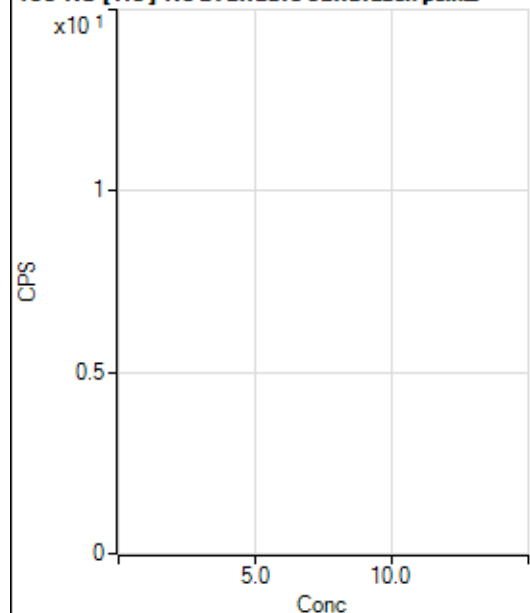
$$BEC = 0.008235$$

Weight: &lt;None&gt;

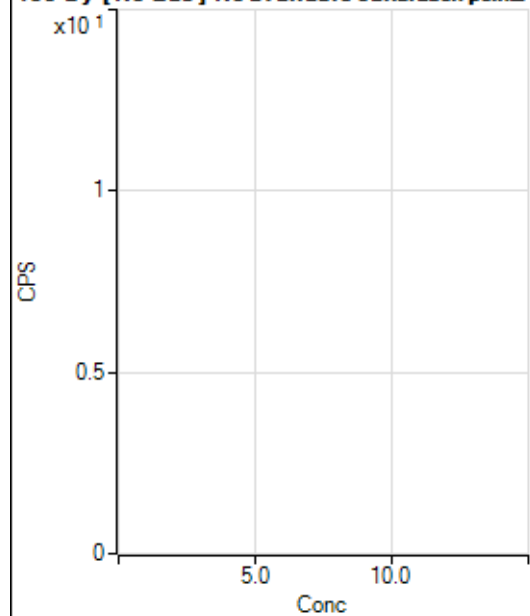
Min Conc: 0

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

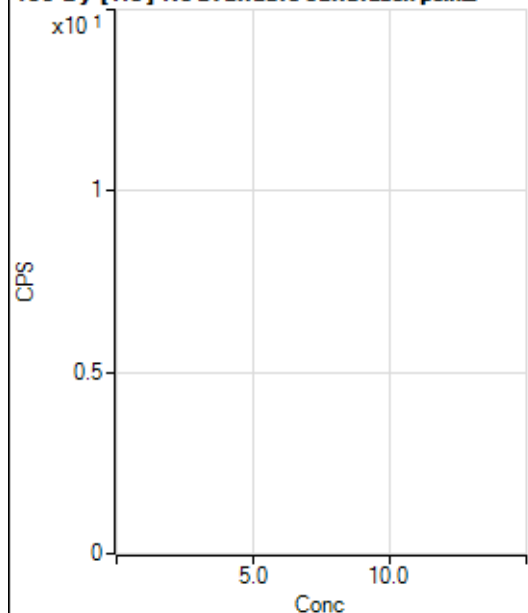
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|--------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 20.00  |       | P    | 66.7 |
| 2 | <input type="checkbox"/> |       |            | 8.89   |       | P    | 114. |
| 3 | <input type="checkbox"/> |       |            | 60.00  |       | P    | 50.9 |
| 4 | <input type="checkbox"/> |       |            | 128.89 |       | P    | 20.9 |
| 5 | <input type="checkbox"/> |       |            | 202.23 |       | P    | 36.3 |
| 6 | <input type="checkbox"/> |       |            | 424.46 |       | P    | 4.8  |
| 7 | <input type="checkbox"/> |       |            | 820.05 |       | P    | 2.9  |
| 8 | <input type="checkbox"/> |       |            | 142.23 |       | P    | 23.1 |

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

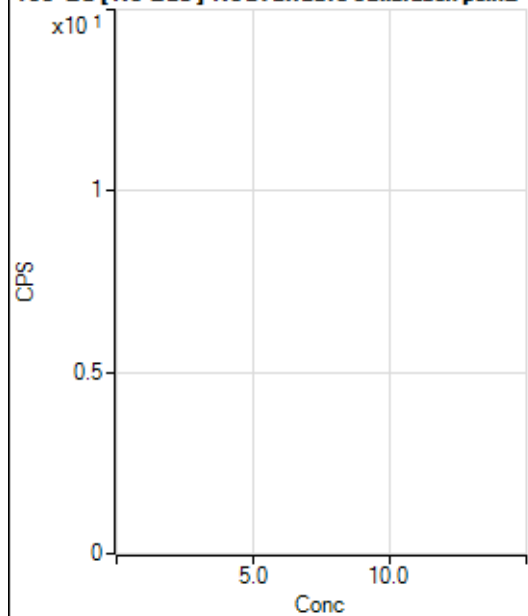
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.2 |
| 6 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 43.8 |
| 7 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 16.4 |
| 8 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 50.9 |

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

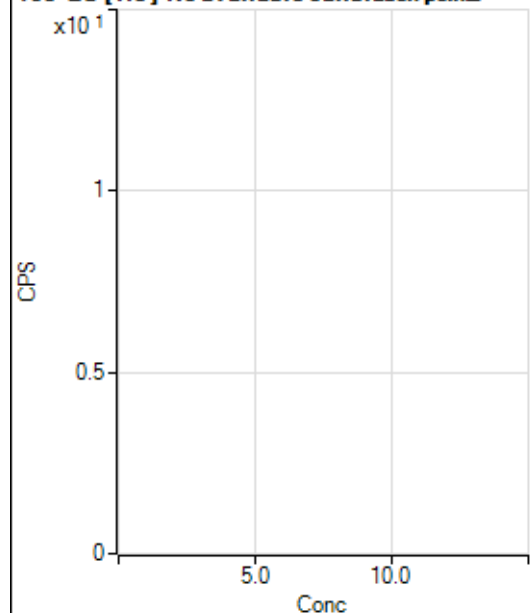
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 54.1 |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 22.8 |
| 5 | <input type="checkbox"/> |       |            | 152.78 |       | P        | 22.0 |
| 6 | <input type="checkbox"/> |       |            | 294.46 |       | P        | 16.1 |
| 7 | <input type="checkbox"/> |       |            | 516.69 |       | P        | 5.8  |
| 8 | <input type="checkbox"/> |       |            | 963.95 |       | P        | 5.6  |

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

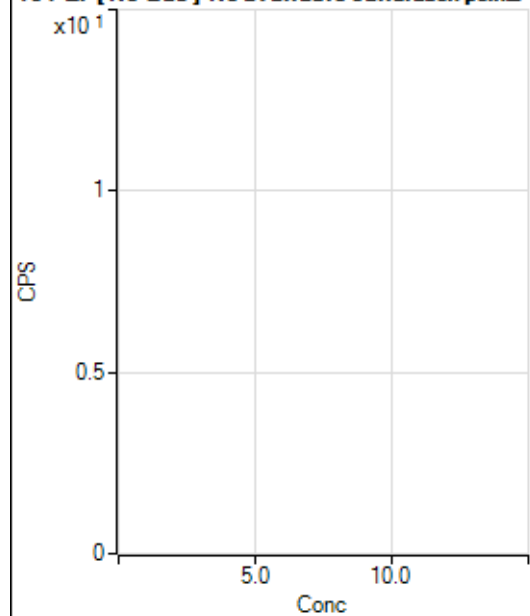
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 115. |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 75.5 |
| 4 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 48.2 |
| 5 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 43.5 |
| 6 | <input type="checkbox"/> |       |            | 98.89  |       | P        | 28.3 |
| 7 | <input type="checkbox"/> |       |            | 173.34 |       | P        | 7.7  |
| 8 | <input type="checkbox"/> |       |            | 312.23 |       | P        | 4.8  |

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

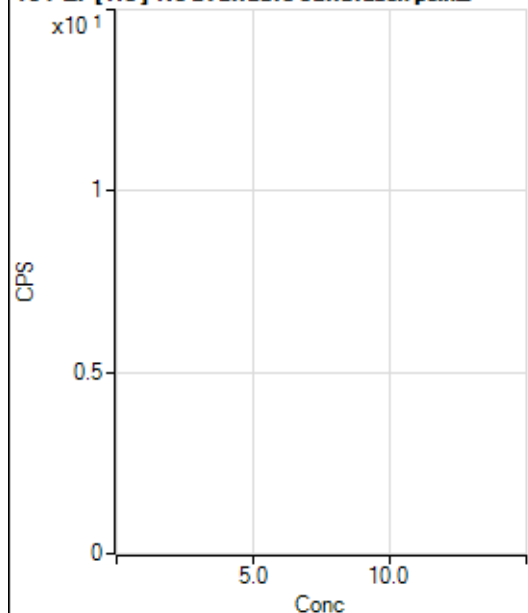
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 35.6 |
| 2 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 45.4 |
| 3 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 16.7 |
| 4 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 31.5 |
| 5 | <input type="checkbox"/> |       |            | 183.34 |       | P        | 19.8 |
| 6 | <input type="checkbox"/> |       |            | 258.34 |       | P        | 12.9 |
| 7 | <input type="checkbox"/> |       |            | 455.58 |       | P        | 12.5 |
| 8 | <input type="checkbox"/> |       |            | 669.48 |       | P        | 6.1  |

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

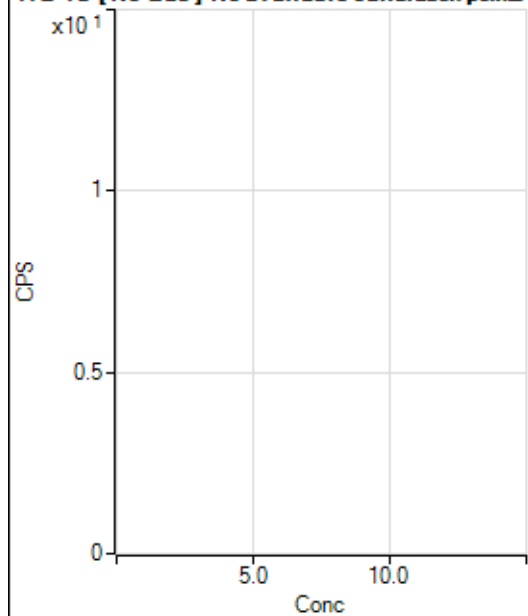
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 95.56  |       | P        | 17.6 |
| 2 | <input type="checkbox"/> |       |            | 97.78  |       | P        | 17.2 |
| 3 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 28.7 |
| 4 | <input type="checkbox"/> |       |            | 130.00 |       | P        | 13.6 |
| 5 | <input type="checkbox"/> |       |            | 98.89  |       | P        | 19.2 |
| 6 | <input type="checkbox"/> |       |            | 150.00 |       | P        | 10.2 |
| 7 | <input type="checkbox"/> |       |            | 263.34 |       | P        | 19.2 |
| 8 | <input type="checkbox"/> |       |            | 365.56 |       | P        | 17.2 |

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

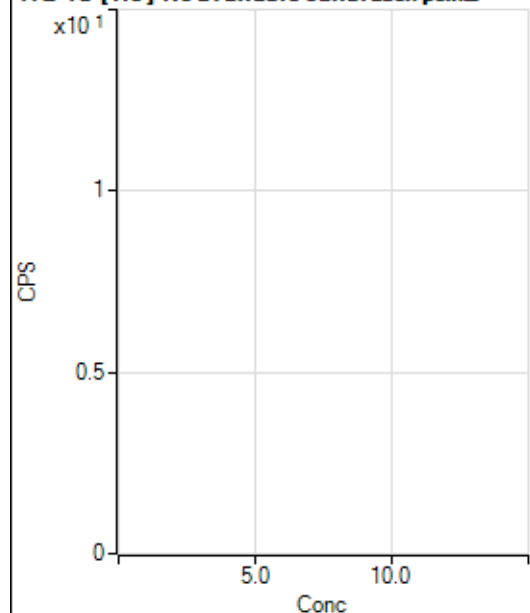
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 91.67  |       | P        | 18.2 |
| 2 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 36.7 |
| 3 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 89.3 |
| 4 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 55.9 |
| 5 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 9.1  |
| 6 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 10.7 |
| 7 | <input type="checkbox"/> |       |            | 197.23 |       | P        | 23.3 |
| 8 | <input type="checkbox"/> |       |            | 108.33 |       | P        | 26.6 |

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

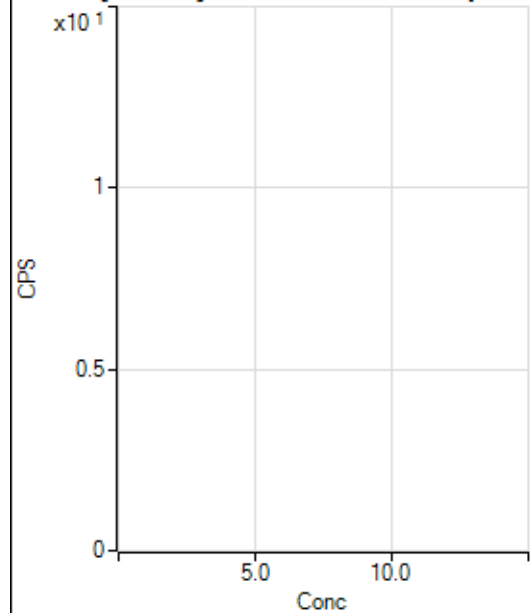
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 0.0  |
| 2 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 8.7  |
| 3 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 43.1 |
| 4 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 9.1  |
| 5 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 48.4 |
| 6 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 28.2 |
| 7 | <input type="checkbox"/> |       |            | 81.11 |       | P        | 14.4 |
| 8 | <input type="checkbox"/> |       |            | 56.67 |       | P        | 25.6 |

**172 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 33.1 |
| 2 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 56.7 |
| 3 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 62.3 |
| 4 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 25.0 |
| 5 | <input type="checkbox"/> |       |            | 69.44  |       | P        | 27.7 |
| 6 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 10.2 |
| 7 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 34.8 |
| 8 | <input type="checkbox"/> |       |            | 216.68 |       | P        | 3.8  |

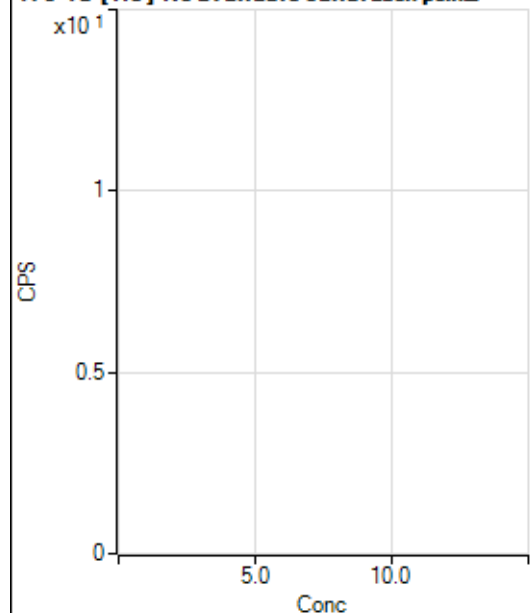
**172 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 31.48 |       | P        | 10.2 |
| 2 | <input type="checkbox"/> |       |            | 24.08 |       | P        | 26.6 |
| 3 | <input type="checkbox"/> |       |            | 29.63 |       | P        | 21.7 |
| 4 | <input type="checkbox"/> |       |            | 40.74 |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 35.19 |       | P        | 24.1 |
| 6 | <input type="checkbox"/> |       |            | 40.74 |       | P        | 41.7 |
| 7 | <input type="checkbox"/> |       |            | 70.37 |       | P        | 25.4 |
| 8 | <input type="checkbox"/> |       |            | 94.45 |       | P        | 10.2 |

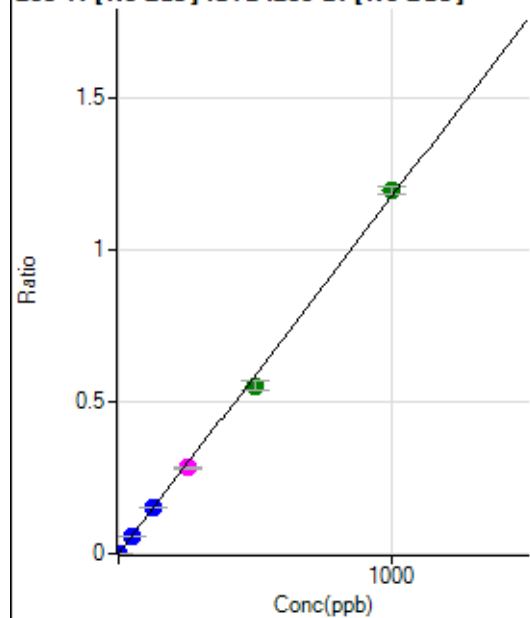
**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1733.50  |       | P        | 6.7 |
| 2 | <input type="checkbox"/> |       |            | 1714.06  |       | P        | 0.3 |
| 3 | <input type="checkbox"/> |       |            | 3203.26  |       | P        | 0.7 |
| 4 | <input type="checkbox"/> |       |            | 5351.24  |       | P        | 3.0 |
| 5 | <input type="checkbox"/> |       |            | 8956.11  |       | P        | 0.9 |
| 6 | <input type="checkbox"/> |       |            | 16730.52 |       | P        | 4.9 |
| 7 | <input type="checkbox"/> |       |            | 33003.37 |       | P        | 3.4 |
| 8 | <input type="checkbox"/> |       |            | 1639.04  |       | P        | 4.9 |



**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|----------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6346.09  |       | P        | 4.1  |
| 2 | <input type="checkbox"/> |       |            | 6924.19  |       | P        | 11.2 |
| 3 | <input type="checkbox"/> |       |            | 6944.55  |       | P        | 8.2  |
| 4 | <input type="checkbox"/> |       |            | 7806.18  |       | P        | 3.8  |
| 5 | <input type="checkbox"/> |       |            | 9479.49  |       | P        | 2.5  |
| 6 | <input type="checkbox"/> |       |            | 12708.15 |       | P        | 2.1  |
| 7 | <input type="checkbox"/> |       |            | 20299.24 |       | P        | 1.4  |
| 8 | <input type="checkbox"/> |       |            | 6158.96  |       | P        | 2.9  |

**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      | 450.02     | 0.0001 | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.903      | 6643.59    | 0.0011 | P        | 3.2 |
| 3 | <input type="checkbox"/> | 50.000   | 49.274     | 323571.51  | 0.0579 | P        | 3.7 |
| 4 | <input type="checkbox"/> | 125.000  | 129.083    | 865139.10  | 0.1515 | P        | 2.3 |
| 5 | <input type="checkbox"/> | 250.000  | 240.423    | 1667034.26 | 0.2821 | M        | 3.6 |
| 6 | <input type="checkbox"/> | 500.000  | 470.519    | 3390264.85 | 0.5521 | A        | 6.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 1016.661   | 7037000.77 | 1.1928 | A        | 2.2 |
| 8 | <input type="checkbox"/> |          |            | 2594.79    | 0.0005 | P        | 4.0 |

$$y = 0.0012 * x + 7.8466E-005$$

$$R = 0.9993$$

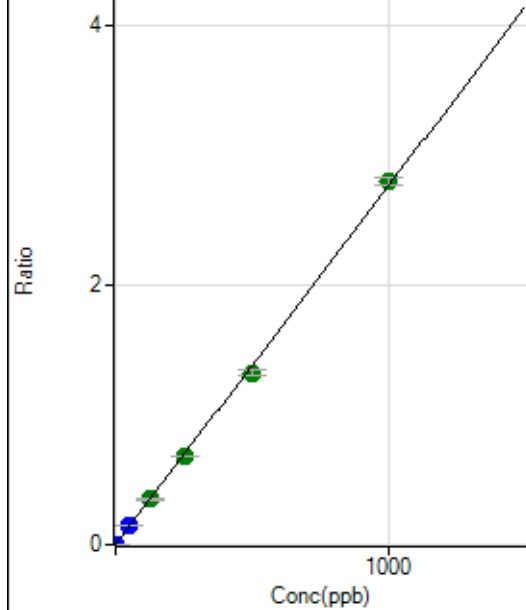
$$DL = 0.001704$$

$$BEC = 0.06688$$

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      | 1269.55     | 0.0002 | P        | 3.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.887      | 15618.26    | 0.0027 | P        | 2.9 |
| 3 | <input type="checkbox"/> | 50.000   | 51.871     | 803287.43   | 0.1437 | P        | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 126.144    | 1993034.53  | 0.3491 | A        | 3.4 |
| 5 | <input type="checkbox"/> | 250.000  | 246.979    | 4037517.71  | 0.6833 | A        | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 478.543    | 8133579.09  | 1.3237 | A        | 3.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1011.247   | 16504770.16 | 2.7970 | A        | 2.1 |
| 8 | <input type="checkbox"/> |          |            | 5971.00     | 0.0012 | P        | 2.8 |

$$y = 0.0028 * x + 2.2136E-004$$

$$R = 0.9996$$

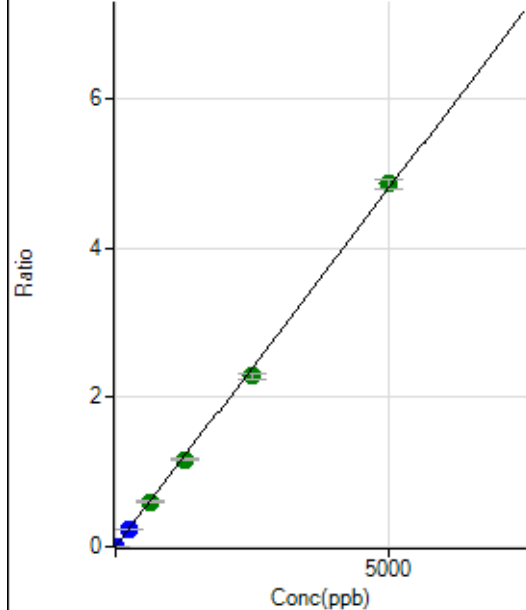
$$DL = 0.009222$$

$$BEC = 0.08004$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 620.40      | 0.0001 | P        | 12.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.850      | 5395.67     | 0.0009 | P        | 4.8  |
| 3 | <input type="checkbox"/> | 250.000  | 245.697    | 1318165.48  | 0.2358 | P        | 0.9  |
| 4 | <input type="checkbox"/> | 625.000  | 621.250    | 3402643.77  | 0.5960 | A        | 3.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1214.370   | 6882905.48  | 1.1650 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2382.875   | 14047283.76 | 2.2859 | A        | 3.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5068.154   | 28680702.49 | 4.8617 | A        | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 5971.87     | 0.0012 | P        | 7.1  |

$$y = 9.5924E-004 * x + 1.0812E-004$$

$$R = 0.9996$$

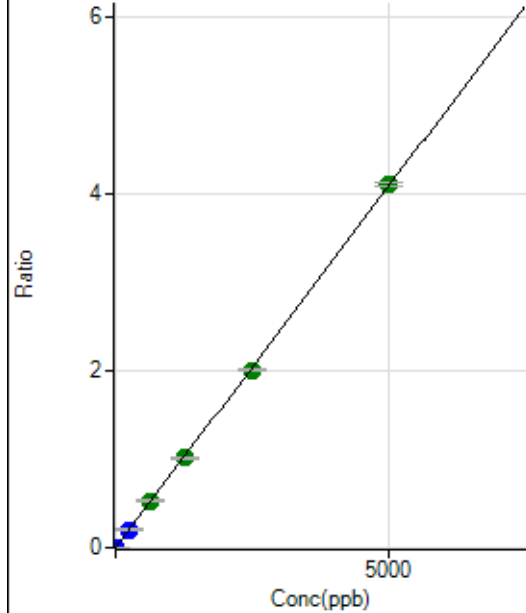
$$DL = 0.04308$$

$$BEC = 0.1127$$

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      | 479.65      | 0.0001 | P    | 4.9  |
| 2 | <input type="checkbox"/> | 1.000    | 0.864      | 4610.17     | 0.0008 | P    | 12.0 |
| 3 | <input type="checkbox"/> | 250.000  | 250.507    | 1145999.99  | 0.2050 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 625.000  | 647.980    | 3027161.70  | 0.5301 | A    | 2.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1240.523   | 5995988.04  | 1.0148 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2456.376   | 12350037.08 | 2.0093 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5021.283   | 24230876.70 | 4.1073 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 5128.88     | 0.0011 | P    | 2.8  |

$$y = 8.1797\text{E-}004 * x + 8.3763\text{E-}005$$

$$R = 0.9999$$

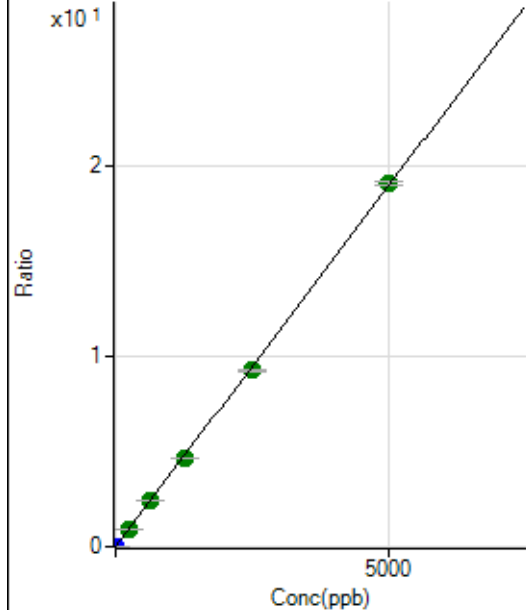
$$DL = 0.01513$$

$$BEC = 0.1024$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2326.05     | 0.0004  | P    | 5.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.880      | 21783.65    | 0.0037  | P    | 4.0 |
| 3 | <input type="checkbox"/> | 250.000  | 251.470    | 5313218.51  | 0.9504  | A    | 0.8 |
| 4 | <input type="checkbox"/> | 625.000  | 638.667    | 13781007.89 | 2.4131  | A    | 0.9 |
| 5 | <input type="checkbox"/> | 1250.000 | 1226.205   | 27371462.48 | 4.6326  | A    | 1.6 |
| 6 | <input type="checkbox"/> | 2500.000 | 2443.073   | 56740653.00 | 9.2295  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 5000.000 | 5032.630   | 112159273.1 | 19.0120 | A    | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 23141.81    | 0.0047  | P    | 4.5 |

$$y = 0.0038 * x + 4.0575\text{E-}004$$

$$R = 0.9999$$

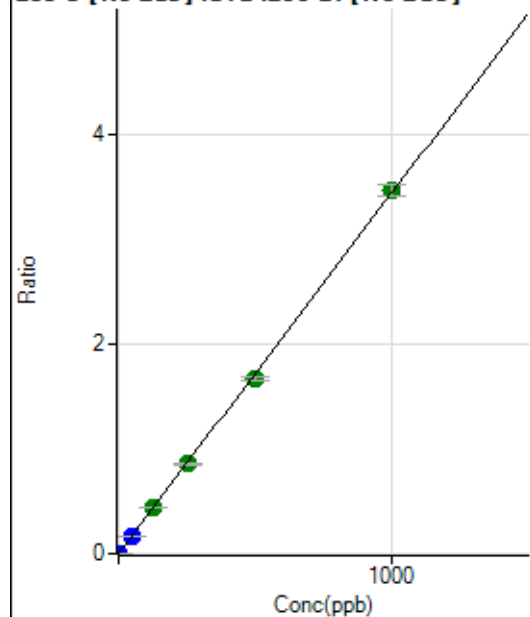
$$DL = 0.01612$$

$$BEC = 0.1074$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.56       | 0.0000 | P    | 42.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.901      | 18158.06    | 0.0031 | P    | 3.3  |
| 3 | <input type="checkbox"/> | 50.000   | 49.969     | 962249.41   | 0.1721 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.598    | 2490813.08  | 0.4361 | A    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 249.089    | 5069719.12  | 0.8581 | A    | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 486.414    | 10299040.94 | 1.6757 | A    | 2.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.823   | 20458807.58 | 3.4684 | A    | 3.1  |
| 8 | <input type="checkbox"/> |          |            | 2078.02     | 0.0004 | P    | 3.3  |

$$y = 0.0034 * x + 5.3532E-006$$

$$R = 0.9999$$

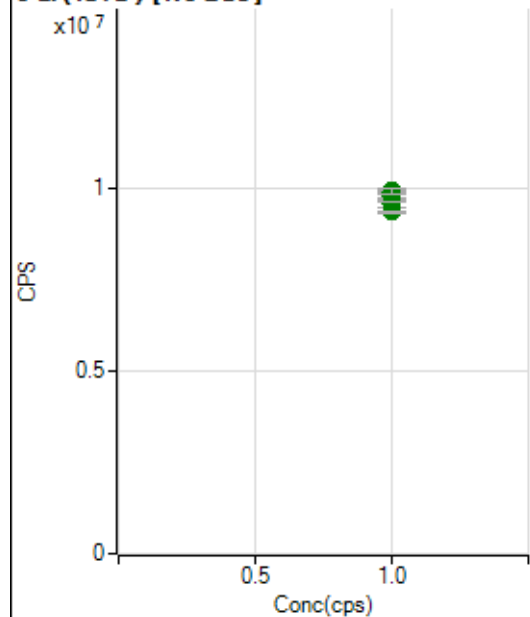
$$DL = 0.001957$$

$$BEC = 0.001554$$

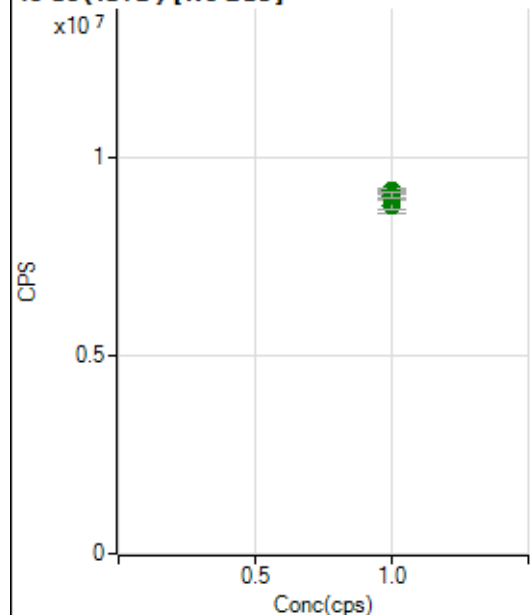
Weight: &lt;None&gt;

Min Conc: 0

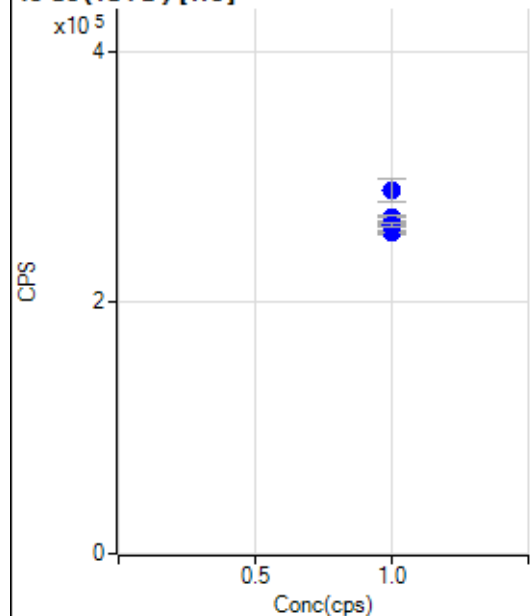
6 Li (ISTD) [No Gas]



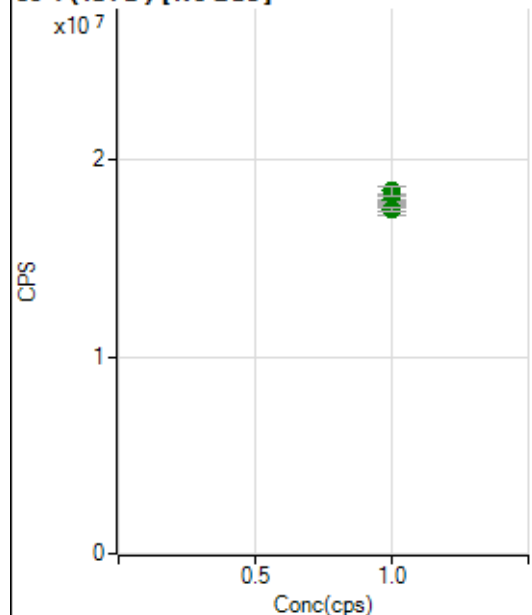
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9682030.49 |       | A    | 4.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9949200.01 |       | A    | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9810817.52 |       | A    | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9871362.76 |       | A    | 2.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9788994.10 |       | A    | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9915826.79 |       | A    | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9572618.23 |       | A    | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9375634.62 |       | A    | 0.4 |

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

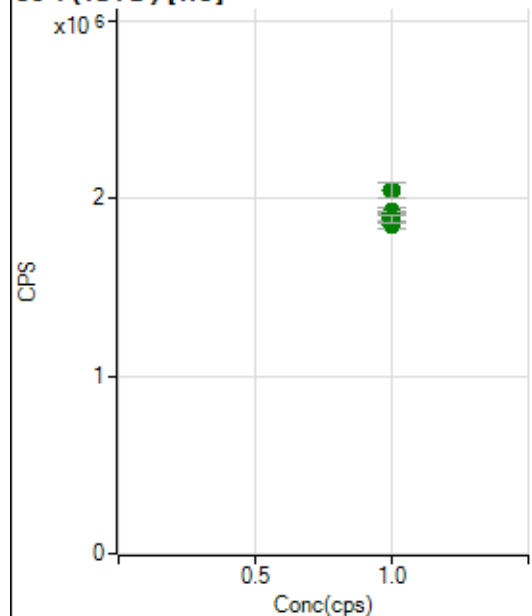
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8779619.25 |       | A        | 4.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9127230.90 |       | A        | 1.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9061740.28 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8934216.32 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8788484.45 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9115184.45 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9143810.63 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9036791.26 |       | A        | 1.2 |

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

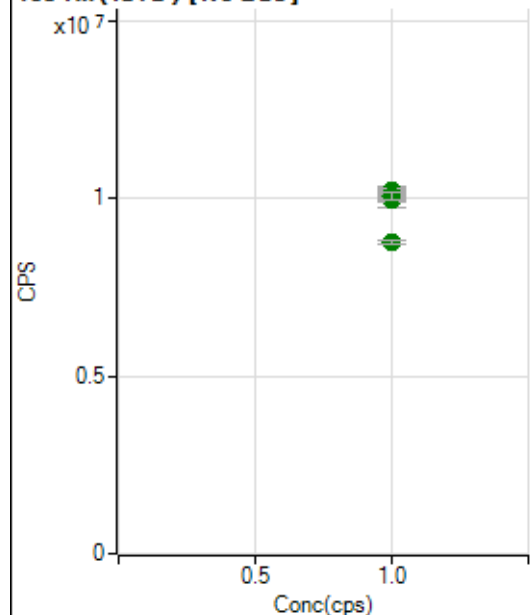
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 268117.56 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 288799.30 |       | P        | 6.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 264438.55 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 257554.48 |       | P        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 256047.41 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 260643.57 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 268048.13 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 261695.13 |       | P        | 1.3 |

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

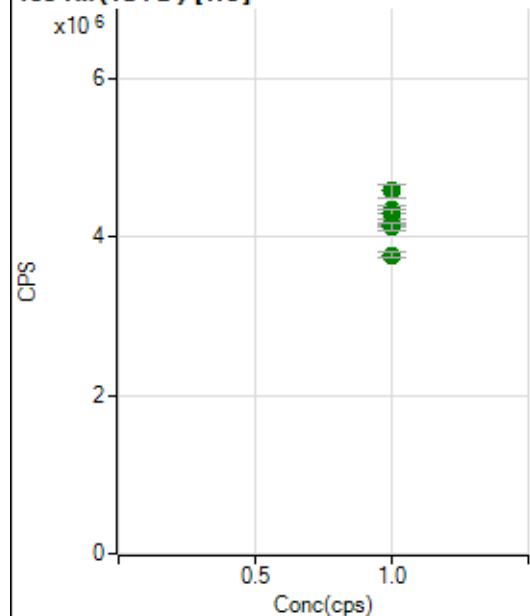
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17493791.96 |       | A        | 2.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17831794.60 |       | A        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 18006675.70 |       | A        | 3.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17770847.37 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17866705.85 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18242284.45 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 18450185.84 |       | A        | 2.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 17466511.82 |       | A        | 1.1 |

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

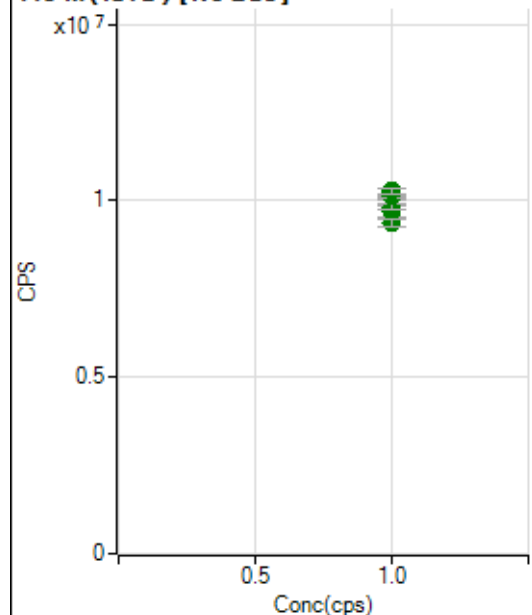
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1931320.04 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2042326.10 |       | A        | 4.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1907115.09 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1854223.85 |       | A        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1864472.96 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1891844.49 |       | A        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1914530.11 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1882855.96 |       | A        | 2.0 |

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

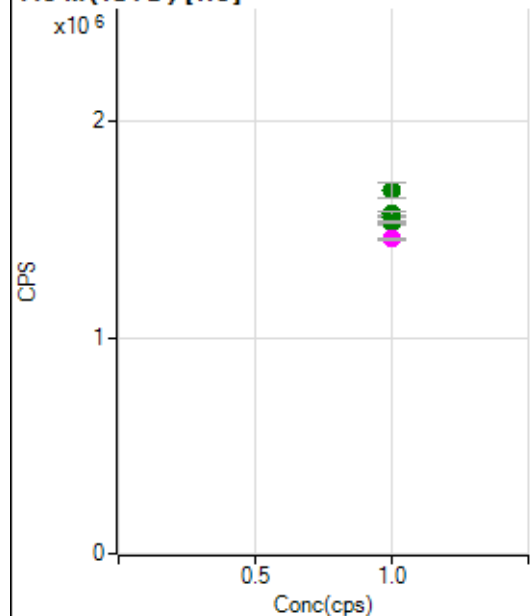
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10015337.64 |       | A        | 5.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10184258.56 |       | A        | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10200946.41 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10189672.71 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9954474.01  |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10046066.02 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10036207.43 |       | A        | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8754449.59  |       | A        | 1.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4355374.62 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4578331.18 |       | A        | 3.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4284552.43 |       | A        | 2.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4182254.45 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4125416.99 |       | A        | 2.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4149185.77 |       | A        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4117639.90 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3771183.56 |       | A        | 1.9 |

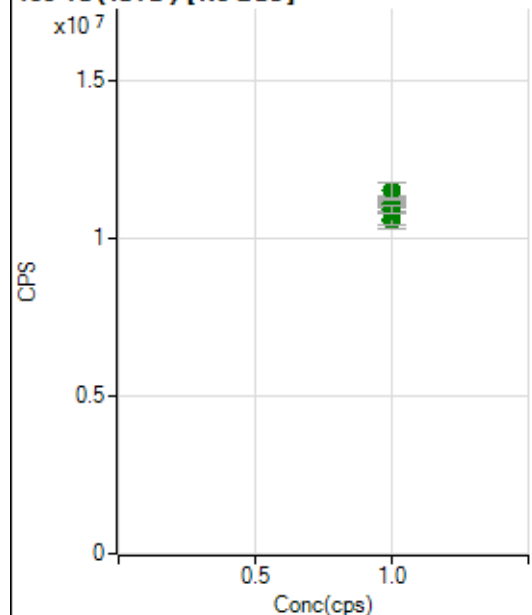
**115 In (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9709462.17  |       | A        | 3.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10187634.22 |       | A        | 3.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10238890.35 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9808001.01  |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9820531.74  |       | A        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10121364.21 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10274104.51 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9357091.14  |       | A        | 2.4 |

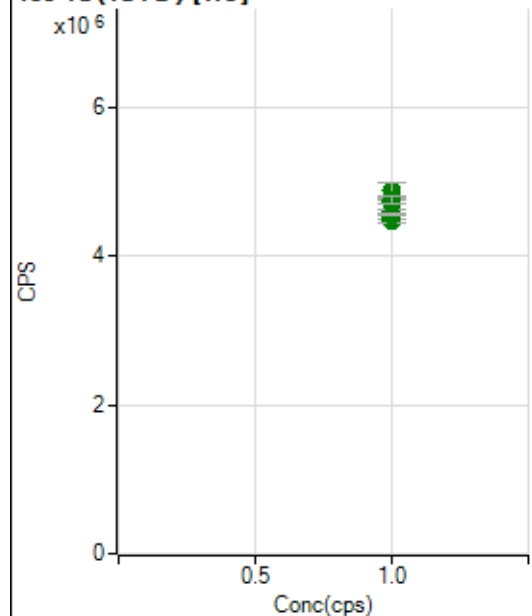
**115 In (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1573546.07 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1680033.68 |       | A        | 4.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1569715.87 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1558697.92 |       | A        | 3.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1533484.09 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1530797.43 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1533993.30 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1456375.19 |       | M        | 0.9 |

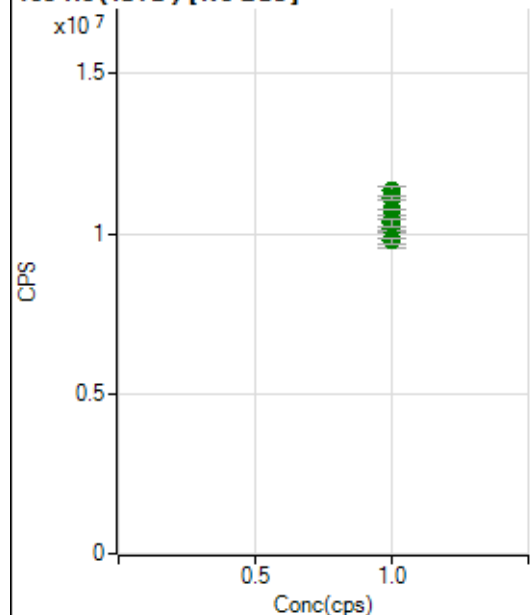


**159 Tb (ISTD) [No Gas]**

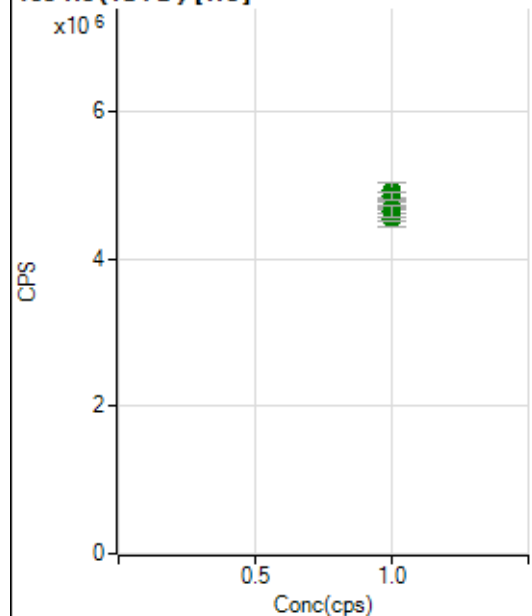
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10545123.38 |       | A        | 4.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11058103.03 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10618414.77 |       | A        | 3.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10844079.56 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11095220.25 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11292592.19 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11523309.69 |       | A        | 4.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10935412.61 |       | A        | 2.3 |

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

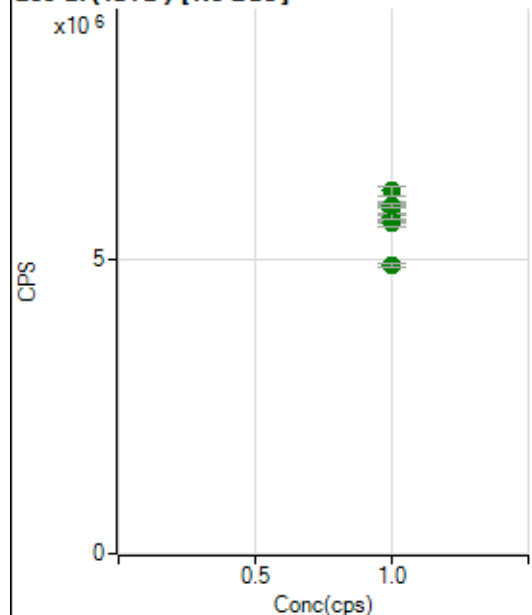
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4528995.21 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4879793.47 |       | A        | 4.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4473623.06 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4501956.98 |       | A        | 2.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4598564.86 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4738719.97 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4755295.69 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4563558.06 |       | A        | 0.6 |

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

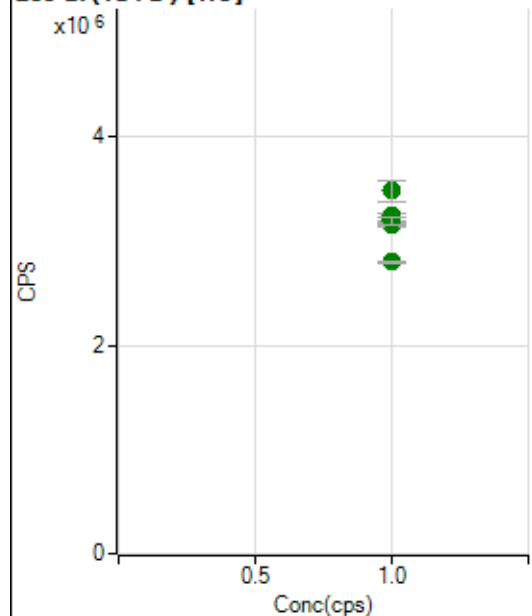
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9784276.35  |       | A        | 5.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9770776.78  |       | A        | 2.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10178011.60 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10423017.16 |       | A        | 3.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10767282.53 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11340298.35 |       | A        | 2.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11117154.94 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10329527.32 |       | A        | 2.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4538972.95 |       | A        | 4.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4928477.60 |       | A        | 4.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4655153.26 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4581605.45 |       | A        | 2.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4563066.15 |       | A        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4735159.89 |       | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4848101.53 |       | A        | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4660657.78 |       | A        | 3.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5734017.35 |       | A        | 4.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5845017.76 |       | A        | 4.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5590826.93 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5711293.60 |       | A        | 1.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5908896.16 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6148115.53 |       | A        | 2.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5899755.67 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4877162.08 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3172238.98 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3479598.66 |       | A        | 5.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3243633.63 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3216326.83 |       | A        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3156404.22 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3226543.91 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3185721.62 |       | A        | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2797216.69 |       | A        | 0.8 |

# US EPA Tune Check Report

Operator Name Jaswal  
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8040622 MS.b  
Acq. Date-Time 2022-04-06 12:26:38  
Report Comment ---  
Instrument Name G8403A SG19224459

[No Gas]

## Sensitivity

| Mass | Conc. [ug/l] | Count  | CPS        | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%   | RSD% (Required) |
|------|--------------|--------|------------|----------------------------|-------------|--------|-----------------|
| 9    |              | 26084  | 260841.58  |                            |             | 1.130  | 5.000           |
| 24   |              | 143640 | 1436399.46 |                            |             | 1.822  | 5.000           |
| 25   |              | 18610  | 186096.62  |                            |             | 1.626  | 5.000           |
| 26   |              | 21393  | 213934.32  |                            |             | 1.539  | 5.000           |
| 59   |              | 29133  | 291326.34  |                            |             | 1.532  | 5.000           |
| 113  |              | 11829  | 118293.43  |                            |             | 1.015  | 5.000           |
| 115  |              | 35469  | 354687.02  |                            |             | 2.431  | 5.000           |
| 206  |              | 11736  | 117358.89  |                            |             | 1.977  | 5.000           |
| 207  |              | 9770   | 97696.45   |                            |             | 1.998  | 5.000           |
| 208  |              | 24757  | 247570.98  |                            |             | 2.259  | 5.000           |
| 220  |              | 1      | 6.70       |                            |             | 28.221 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 9    |             |
| 24   |             |
| 25   |             |
| 26   |             |
| 59   |             |
| 113  |             |
| 115  |             |
| 206  |             |
| 207  |             |
| 208  |             |
| 220  |             |

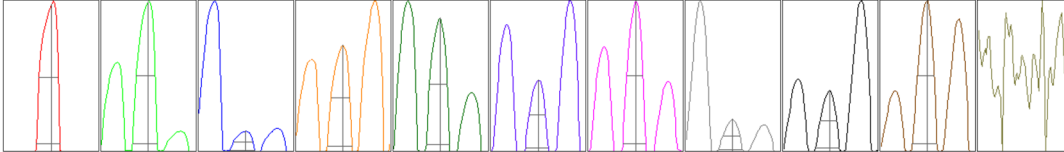
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 9    | 26144       | 25620       | 26366       | 26288       | 26003       |
| 24   | 145099      | 139028      | 144064      | 145209      | 144800      |
| 25   | 18749       | 18133       | 18829       | 18848       | 18489       |
| 26   | 21646       | 20816       | 21527       | 21484       | 21494       |
| 59   | 29414       | 28412       | 29444       | 29413       | 28981       |
| 113  | 11743       | 11667       | 11956       | 11893       | 11888       |
| 115  | 36929       | 35169       | 35470       | 35084       | 34692       |
| 206  | 11729       | 11343       | 11940       | 11841       | 11826       |
| 207  | 9706        | 9455        | 9905        | 9918        | 9865        |
| 208  | 25050       | 23766       | 25027       | 25064       | 24879       |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 220  | 1           | 1           | 1           | 1           | 0           |

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 45367.87    | 9.05   | 8.90 - 9.10     |             |
| 24   | 250885.52   | 24.00  | 23.90 - 24.10   |             |
| 25   | 32638.32    | 25.00  | 24.90 - 25.10   |             |
| 26   | 37894.05    | 26.00  | 25.90 - 26.10   |             |
| 59   | 55224.79    | 59.00  | 58.90 - 59.10   |             |
| 113  | 23868.53    | 113.05 | 112.90 - 113.10 |             |
| 115  | 72806.64    | 115.05 | 114.90 - 115.10 |             |
| 206  | 23271.13    | 206.00 | 205.90 - 206.10 |             |
| 207  | 19373.12    | 207.00 | 206.90 - 207.10 |             |
| 208  | 48092.84    | 208.00 | 207.90 - 208.10 |             |
| 220  |             |        | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.61  | 0.738 | 0.900           |             |
| 24   | 0.60  | 0.783 | 0.900           |             |
| 25   | 0.60  | 0.780 | 0.900           |             |
| 26   | 0.60  | 0.784 | 0.900           |             |
| 59   | 0.56  | 0.736 | 0.900           |             |
| 113  | 0.51  | 0.725 | 0.900           |             |
| 115  | 0.50  | 0.726 | 0.900           |             |
| 206  | 0.52  | 0.747 | 0.900           |             |
| 207  | 0.52  | 0.760 | 0.900           |             |
| 208  | 0.52  | 0.775 | 0.900           |             |
| 220  |       |       |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

|              |         |                |          |               |            |
|--------------|---------|----------------|----------|---------------|------------|
| RF Power     | 1600 W  | Option Gas     | ---      | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C     |               |            |

## Lens Parameters

|            |          |               |       |            |        |
|------------|----------|---------------|-------|------------|--------|
| Extract 1  | -6.0 V   | Omega Lens    | 8.9 V | Deflect    | 14.8 V |
| Extract 2  | -145.0 V | Cell Entrance | -30 V | Plate Bias | -50 V  |
| Omega Bias | -85 V    | Cell Exit     | -50 V |            |        |

## Cell Parameters

|         |            |              |        |                       |       |
|---------|------------|--------------|--------|-----------------------|-------|
| Use Gas | No         | 3rd Gas Flow | ---    | Energy Discrimination | 4.0 V |
| He Flow | 0.0 mL/min | OctP Bias    | -8.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 140 V  |                       |       |

## QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 123 | Axis Gain   | 0.9992 | QP Bias | -4.0 V |
| Mass Offset | 125 | Axis Offset | -0.01  |         |        |

## Hardware Settings

### Torch

|         |         |         |         |
|---------|---------|---------|---------|
| Torch H | -0.3 mm | Torch V | -0.2 mm |
|---------|---------|---------|---------|

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.0 mV | Analog HV | 2292 V | Pulse HV | 1648 V |
|---------------|--------|-----------|--------|----------|--------|

[He]

## Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 5500  | 55001.44  |                            |             | 0.593 |                 |
| 89   |              | 19015 | 190152.86 |                            |             | 0.885 |                 |
| 205  |              | 29720 | 297197.82 |                            |             | 0.543 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 59   |             |
| 89   |             |
| 205  |             |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 5511        | 5456        | 5545        | 5486        | 5502        |
| 89   | 19055       | 19225       | 18760       | 19055       | 18980       |
| 205  | 29706       | 29899       | 29790       | 29741       | 29463       |

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

|              |         |                |            |               |            |
|--------------|---------|----------------|------------|---------------|------------|
| Plasma Mode  | ---     | Nebulizer Gas  | 0.75 L/min | Dilution Gas  | 0.40 L/min |
| RF Power     | 1600 W  | Option Gas     | ---        | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps   | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C       |               |            |

### Lens Parameters

|           |        |            |       |         |       |
|-----------|--------|------------|-------|---------|-------|
| Extract 1 | -6.0 V | Omega Lens | 8.9 V | Deflect | 4.2 V |
|-----------|--------|------------|-------|---------|-------|

# US EPA Tune Check Report

|                          |            |               |         |                       |         |
|--------------------------|------------|---------------|---------|-----------------------|---------|
| Extract 2                | -145.0 V   | Cell Entrance | -50 V   | Plate Bias            | -60 V   |
| Omega Bias               | -85 V      | Cell Exit     | -70 V   |                       |         |
| <b>Cell Parameters</b>   |            |               |         |                       |         |
| Use Gas                  | Yes        | 3rd Gas Flow  | ---     | Energy Discrimination | 5.0 V   |
| He Flow                  | 4.5 mL/min | OctP Bias     | -18.0 V |                       |         |
| H2 Flow                  | ---        | OctP RF       | 200 V   |                       |         |
| <b>QP Parameters</b>     |            |               |         |                       |         |
| Mass Gain                | 123        | Axis Gain     | 0.9992  | QP Bias               | -13.0 V |
| Mass Offset              | 125        | Axis Offset   | -0.01   |                       |         |
| <b>Hardware Settings</b> |            |               |         |                       |         |
| <b>Torch</b>             |            |               |         |                       |         |
| Torch H                  | -0.3 mm    | Torch V       | -0.2 mm |                       |         |
| <b>EM</b>                |            |               |         |                       |         |
| Discriminator            | 4.0 mV     | Analog HV     | 2292 V  | Pulse HV              | 1648 V  |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.07   | 0.10    | -0.03   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.04    | -0.01   | -0.03   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.08    | -0.08   | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 1.23    | -1.06   | -0.17   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.17    | -0.02   | -0.15   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.67    | -0.33   | -0.35   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.96    | -0.81   | -0.15   | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | -0.03   | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | 0.02    | -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       | 54-2  | 0.09    | 0.00    | -0.09   | 0.00       | N/A     | ppb   |
| Iron       | 56-2  | -0.07   | 0.11    | -0.04   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -1.02   | 0.82    | 0.20    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.33   | 0.41    | -0.08   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | -0.02   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -4.44   | -12.13  | -18.27  | -11.61     |         | ppb   |
| Potassium  | 39-2  | 1.78    | -1.37   | -0.41   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | -0.59   | 0.14    | 0.45    | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | 0.33    | -0.17   | -0.17   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.13   | 0.01    | 0.12    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 1.23    | -0.84   | -0.39   | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.49   | -0.16   | 0.65    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.29    | -0.15   | -0.14   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 442.76  | -94.53  | 285.50  | 211.24     | 130.77  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.00    | 0.00    | 0.00    | 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   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.04    | -0.06   | 0.03    | 0.00       | N/A     | ppb   |
| Zirconium | 90-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.18   | 16.54   | 16.43   | 17.38      | 8.95    | ppb   |
| Antimony   | 121-1 | 1.84    | 1.86    | 1.87    | 1.86       | 0.68    | ppb   |
| Arsenic    | 75-2  | 1.01    | 0.99    | 0.90    | 0.97       | 5.73    | ppb   |
| Barium     | 135-1 | 8.92    | 9.20    | 8.98    | 9.03       | 1.61    | ppb   |
| Barium     | 137-1 | 9.14    | 9.17    | 9.65    | 9.32       | 3.08    | ppb   |
| Beryllium  | 9-1   | 1.00    | 1.01    | 1.02    | 1.01       | 0.82    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 16.17   | 17.12   | 18.48   | 17.26      | 6.74    | ppb   |
| Boron      | 11-1  | 17.06   | 18.10   | 19.18   | 18.11      | 5.85    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.82    | 0.98    | 0.94    | 0.91       | 8.91    | ppb   |
| Cadmium    | 106-1 | -0.76   | -0.45   | -0.26   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | 1.35    | 0.68    | 1.04    | 1.02       | 32.85   | ppb   |
| Calcium    | 43-1  | 464.18  | 477.76  | 466.26  | 469.40     | 1.56    | ppb   |
| Calcium    | 44-1  | 462.68  | 478.94  | 469.21  | 470.28     | 1.74    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.89    | 1.51    | 1.62    | 1.67       | 11.79   | ppb   |
| Cobalt     | 59-2  | 0.93    | 0.78    | 0.84    | 0.85       | 8.92    | ppb   |
| Copper     | 63-2  | 2.00    | 1.76    | 1.76    | 1.84       | 7.61    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 54-2  | 51.07   | 46.88   | 43.42   | 47.12      | 8.13    | ppb   |
| Iron       | 56-2  | 51.95   | 44.99   | 45.23   | 47.39      | 8.34    | ppb   |
| Iron       | 57-2  | 51.89   | 44.63   | 38.63   | 45.05      | 14.73   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.81    | 0.90    | 0.85    | 0.85       | 5.43    | ppb   |
| Lead       | 207-1 | 0.78    | 0.82    | 1.00    | 0.86       | 13.43   | ppb   |
| Lead       | 208-1 | 0.84    | 0.88    | 0.92    | 0.88       | 4.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 499.82  | 449.17  | 433.10  | 460.69     | 7.56    | ppb   |
| Manganese  | 55-2  | 0.93    | 0.81    | 0.87    | 0.87       | 6.84    | ppb   |
| Molybdenum | 94-1  | 5.43    | 5.75    | 5.58    | 5.59       | 2.84    | ppb   |
| Molybdenum | 95-1  | 4.59    | 4.93    | 4.82    | 4.78       | 3.68    | ppb   |
| Molybdenum | 96-1  | 4.90    | 4.94    | 4.96    | 4.93       | 0.64    | ppb   |
| Molybdenum | 97-1  | 4.71    | 4.92    | 4.80    | 4.81       | 2.15    | ppb   |
| Molybdenum | 98-1  | 4.71    | 4.95    | 4.86    | 4.84       | 2.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.04    | 0.89    | 1.01    | 0.98       | 8.13    | ppb   |
| Phosphorus | 31-2  | 14.97   | 1.42    | 18.44   | 11.61      | 77.50   | ppb   |
| Potassium  | 39-2  | 493.20  | 411.62  | 399.48  | 434.77     | 11.72   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 82-1  | 2.97    | 6.22    | 5.07    | 4.76       | 34.65   | ppb   |
| Selenium   | 77-2  | 5.16    | 2.57    | 4.75    | 4.16       | 33.48   | ppb   |
| Selenium   | 78-2  | 3.64    | 4.49    | 4.33    | 4.15       | 10.82   | ppb   |
| Silicon    | 28-1  | 2.25    | 2.47    | 1.92    | 2.21       | 12.64   | ppb   |
| Silver     | 107-1 | 1.00    | 0.98    | 0.99    | 0.99       | 0.81    | ppb   |
| Silver     | 109-1 | 1.02    | 1.04    | 1.10    | 1.06       | 3.98    | ppb   |
| Sodium     | 23-2  | 468.62  | 416.40  | 400.84  | 428.62     | 8.28    | ppb   |
| Strontium  | 86-1  | 0.75    | 0.86    | 0.93    | 0.85       | 10.48   | ppb   |
| Strontium  | 88-1  | 0.94    | 0.95    | 0.92    | 0.94       | 1.53    | ppb   |
| Sulfur     | 34-1  | -463.44 | -161.10 | -9.19   | -211.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.87    | 0.93    | 0.91    | 0.90       | 3.42    | ppb   |
| Thallium   | 205-1 | 0.86    | 0.90    | 0.91    | 0.89       | 3.14    | ppb   |
| Tin        | 118-1 | 4.76    | 4.70    | 4.82    | 4.76       | 1.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.02    | 4.84    | 5.17    | 5.01       | 3.28    | ppb   |
| Uranium   | 238-1 | 0.87    | 0.93    | 0.90    | 0.90       | 3.27    | ppb   |
| Vanadium  | 51-2  | 4.54    | 4.09    | 4.16    | 4.27       | 5.69    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 1.92    | 1.71    | 1.94    | 1.86       | 6.85    | ppb   |
| Zirconium | 90-1  | 0.94    | 0.95    | 0.96    | 0.95       | 1.35    | ppb   |
| Zirconium | 91-1  | 0.90    | 0.94    | 0.93    | 0.92       | 2.16    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1062.26 | 1064.23 | 1043.82 | 1056.77    | 1.07    | ppb   |
| Antimony   | 121-1 | 54.78   | 53.60   | 50.53   | 52.97      | 4.14    | ppb   |
| Arsenic    | 75-2  | 52.00   | 51.15   | 51.71   | 51.62      | 0.84    | ppb   |
| Barium     | 135-1 | 264.02  | 258.75  | 248.67  | 257.15     | 3.03    | ppb   |
| Barium     | 137-1 | 269.63  | 272.83  | 252.45  | 264.97     | 4.14    | ppb   |
| Beryllium  | 9-1   | 52.41   | 53.18   | 51.63   | 52.41      | 1.47    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 48.94   | 53.26   | 51.56   | 51.25      | 4.24    | ppb   |
| Boron      | 11-1  | 51.72   | 53.88   | 54.47   | 53.36      | 2.71    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 56.17   | 55.51   | 52.88   | 54.85      | 3.18    | ppb   |
| Cadmium    | 106-1 | 57.91   | 51.40   | 52.52   | 53.94      | 6.44    | ppb   |
| Cadmium    | 108-1 | 58.44   | 56.94   | 50.69   | 55.36      | 7.42    | ppb   |
| Calcium    | 43-1  | 5137.95 | 5158.25 | 5258.06 | 5184.75    | 1.24    | ppb   |
| Calcium    | 44-1  | 5065.02 | 5136.90 | 5241.86 | 5147.93    | 1.73    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 50.20   | 50.43   | 49.46   | 50.03      | 1.01    | ppb   |
| Cobalt     | 59-2  | 51.13   | 50.49   | 51.01   | 50.88      | 0.67    | ppb   |
| Copper     | 63-2  | 552.52  | 545.54  | 536.11  | 544.73     | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 2787.97 | 2764.84 | 2820.60 | 2791.13    | 1.00    | ppb   |
| Iron       | 56-2  | 2851.59 | 2830.93 | 2881.60 | 2854.71    | 0.89    | ppb   |
| Iron       | 57-2  | 2701.59 | 2749.74 | 2741.60 | 2730.98    | 0.94    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 245.82  | 247.91  | 243.36  | 245.70     | 0.93    | ppb   |
| Lead       | 207-1 | 245.13  | 257.72  | 248.67  | 250.51     | 2.59    | ppb   |
| Lead       | 208-1 | 250.17  | 253.71  | 250.53  | 251.47     | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 5500.08 | 5642.30 | 5426.27 | 5522.88    | 1.99    | ppb   |
| Manganese  | 55-2  | 511.79  | 501.56  | 512.68  | 508.68     | 1.22    | ppb   |
| Molybdenum | 94-1  | 531.33  | 495.02  | 499.85  | 508.74     | 3.88    | ppb   |
| Molybdenum | 95-1  | 530.37  | 489.31  | 493.50  | 504.39     | 4.48    | ppb   |
| Molybdenum | 96-1  | 526.94  | 484.76  | 512.18  | 507.96     | 4.21    | ppb   |
| Molybdenum | 97-1  | 527.76  | 502.94  | 499.49  | 510.07     | 3.02    | ppb   |
| Molybdenum | 98-1  | 522.24  | 487.42  | 475.37  | 495.01     | 4.92    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 55.18   | 52.94   | 53.55   | 53.89      | 2.15    | ppb   |
| Phosphorus | 31-2  | 1148.32 | 1084.55 | 1069.28 | 1100.72    | 3.81    | ppb   |
| Potassium  | 39-2  | 2599.90 | 2633.51 | 2627.87 | 2620.43    | 0.69    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 82-1  | 55.21   | 51.98   | 50.80   | 52.66      | 4.34    | ppb   |
| Selenium   | 77-2  | 52.82   | 47.42   | 57.99   | 52.74      | 10.02   | ppb   |
| Selenium   | 78-2  | 51.71   | 53.14   | 50.06   | 51.64      | 2.98    | ppb   |
| Silicon    | 28-1  | 52.98   | 55.36   | 58.91   | 55.75      | 5.35    | ppb   |
| Silver     | 107-1 | 58.04   | 57.38   | 53.07   | 56.16      | 4.80    | ppb   |
| Silver     | 109-1 | 58.29   | 56.64   | 53.12   | 56.02      | 4.72    | ppb   |
| Sodium     | 23-2  | 5324.77 | 5295.86 | 5254.83 | 5291.82    | 0.66    | ppb   |
| Strontium  | 86-1  | 52.78   | 49.70   | 50.89   | 51.12      | 3.04    | ppb   |
| Strontium  | 88-1  | 53.29   | 49.51   | 50.43   | 51.08      | 3.86    | ppb   |
| Sulfur     | 34-1  | 1175.97 | 1217.40 | 1435.85 | 1276.40    | 10.94   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 48.22   | 51.38   | 48.23   | 49.27      | 3.70    | ppb   |
| Thallium   | 205-1 | 51.97   | 51.78   | 51.86   | 51.87      | 0.18    | ppb   |
| Tin        | 118-1 | 56.04   | 56.25   | 52.01   | 54.77      | 4.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 498.49  | 519.71  | 516.26  | 511.49     | 2.23    | ppb   |
| Uranium   | 238-1 | 50.17   | 50.93   | 48.81   | 49.97      | 2.15    | ppb   |
| Vanadium  | 51-2  | 50.07   | 51.08   | 50.88   | 50.68      | 1.06    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 540.69  | 530.11  | 515.56  | 528.79     | 2.39    | ppb   |
| Zirconium | 90-1  | 52.14   | 50.55   | 49.71   | 50.80      | 2.43    | ppb   |
| Zirconium | 91-1  | 50.78   | 49.21   | 48.21   | 49.40      | 2.62    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2616.67  | 2648.47  | 2704.97  | 2656.70    | 1.68    | ppb   |
| Antimony   | 121-1 | 130.08   | 128.62   | 127.02   | 128.57     | 1.19    | ppb   |
| Arsenic    | 75-2  | 127.83   | 124.45   | 131.95   | 128.08     | 2.93    | ppb   |
| Barium     | 135-1 | 633.33   | 633.16   | 631.14   | 632.54     | 0.19    | ppb   |
| Barium     | 137-1 | 647.74   | 633.45   | 642.94   | 641.38     | 1.13    | ppb   |
| Beryllium  | 9-1   | 123.99   | 123.00   | 129.49   | 125.49     | 2.79    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 120.54   | 128.67   | 132.83   | 127.35     | 4.91    | ppb   |
| Boron      | 11-1  | 124.33   | 131.78   | 140.10   | 132.07     | 5.97    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 133.73   | 129.92   | 132.82   | 132.16     | 1.50    | ppb   |
| Cadmium    | 106-1 | 130.76   | 129.45   | 133.79   | 131.33     | 1.70    | ppb   |
| Cadmium    | 108-1 | 136.53   | 130.47   | 134.59   | 133.86     | 2.31    | ppb   |
| Calcium    | 43-1  | 13038.85 | 12748.84 | 12876.39 | 12888.02   | 1.13    | ppb   |
| Calcium    | 44-1  | 12710.85 | 12659.44 | 12771.61 | 12713.97   | 0.44    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 122.03   | 124.06   | 129.21   | 125.10     | 2.96    | ppb   |
| Cobalt     | 59-2  | 124.79   | 127.91   | 130.43   | 127.71     | 2.21    | ppb   |
| Copper     | 63-2  | 1313.83  | 1312.53  | 1357.74  | 1328.03    | 1.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 54-2  | 6876.69  | 6850.55  | 7107.54  | 6944.93    | 2.04    | ppb   |
| Iron       | 56-2  | 6969.15  | 7116.91  | 7239.48  | 7108.51    | 1.90    | ppb   |
| Iron       | 57-2  | 6609.89  | 6791.24  | 6897.75  | 6766.29    | 2.15    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 610.01   | 646.80   | 606.94   | 621.25     | 3.57    | ppb   |
| Lead       | 207-1 | 628.64   | 661.93   | 653.37   | 647.98     | 2.67    | ppb   |
| Lead       | 208-1 | 632.12   | 643.56   | 640.31   | 638.67     | 0.92    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 13424.00 | 14054.63 | 13981.23 | 13819.96   | 2.50    | ppb   |
| Manganese  | 55-2  | 1291.51  | 1294.34  | 1362.47  | 1316.11    | 3.05    | ppb   |
| Molybdenum | 94-1  | 1287.35  | 1286.61  | 1242.09  | 1272.02    | 2.04    | ppb   |
| Molybdenum | 95-1  | 1272.81  | 1295.43  | 1240.47  | 1269.57    | 2.18    | ppb   |
| Molybdenum | 96-1  | 1277.30  | 1260.61  | 1239.12  | 1259.01    | 1.52    | ppb   |
| Molybdenum | 97-1  | 1270.75  | 1242.68  | 1210.70  | 1241.38    | 2.42    | ppb   |
| Molybdenum | 98-1  | 1287.80  | 1267.01  | 1196.12  | 1250.31    | 3.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.23   | 134.72   | 137.48   | 134.48     | 2.33    | ppb   |
| Phosphorus | 31-2  | 2527.57  | 2624.76  | 2692.77  | 2615.03    | 3.18    | ppb   |
| Potassium  | 39-2  | 6716.82  | 6824.73  | 6804.47  | 6782.00    | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 82-1  | 127.77   | 129.03   | 123.87   | 126.89     | 2.12    | ppb   |
| Selenium   | 77-2  | 122.93   | 123.09   | 124.63   | 123.55     | 0.76    | ppb   |
| Selenium   | 78-2  | 126.77   | 125.90   | 130.32   | 127.66     | 1.84    | ppb   |
| Silicon    | 28-1  | 143.20   | 144.06   | 149.17   | 145.48     | 2.22    | ppb   |
| Silver     | 107-1 | 142.04   | 134.52   | 135.91   | 137.49     | 2.91    | ppb   |
| Silver     | 109-1 | 140.29   | 131.79   | 135.67   | 135.92     | 3.13    | ppb   |
| Sodium     | 23-2  | 13063.78 | 13254.76 | 13170.62 | 13163.05   | 0.73    | ppb   |
| Strontium  | 86-1  | 129.64   | 127.30   | 127.71   | 128.22     | 0.98    | ppb   |
| Strontium  | 88-1  | 129.70   | 130.59   | 124.72   | 128.34     | 2.47    | ppb   |
| Sulfur     | 34-1  | 2812.40  | 2745.58  | 2838.52  | 2798.83    | 1.71    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 126.72   | 132.35   | 128.19   | 129.08     | 2.26    | ppb   |
| Thallium   | 205-1 | 123.07   | 131.01   | 124.35   | 126.14     | 3.38    | ppb   |
| Tin        | 118-1 | 132.32   | 130.68   | 131.35   | 131.45     | 0.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1300.24 | 1281.02 | 1287.50 | 1289.59    | 0.76    | ppb   |
| Uranium   | 238-1 | 125.42  | 127.04  | 127.33  | 126.60     | 0.81    | ppb   |
| Vanadium  | 51-2  | 123.17  | 125.15  | 129.51  | 125.94     | 2.57    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 96         |         | %     |
| Zinc      | 66-2  | 1292.26 | 1312.02 | 1346.32 | 1316.87    | 2.08    | ppb   |
| Zirconium | 90-1  | 131.02  | 126.29  | 127.13  | 128.15     | 1.97    | ppb   |
| Zirconium | 91-1  | 126.86  | 125.31  | 123.39  | 125.19     | 1.39    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5275.05  | 5171.53  | 5182.07  | 5209.55    | 1.09    | ppb   |
| Antimony   | 121-1 | 255.69   | 247.65   | 262.45   | 255.27     | 2.90    | ppb   |
| Arsenic    | 75-2  | 255.13   | 250.32   | 248.31   | 251.25     | 1.39    | ppb   |
| Barium     | 135-1 | 1243.30  | 1207.51  | 1276.50  | 1242.44    | 2.78    | ppb   |
| Barium     | 137-1 | 1271.73  | 1172.54  | 1278.88  | 1241.05    | 4.79    | ppb   |
| Beryllium  | 9-1   | 261.65   | 265.14   | 270.32   | 265.70     | 1.64    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 238.18   | 267.11   | 271.41   | 258.90     | 6.98    | ppb   |
| Boron      | 11-1  | 236.69   | 266.50   | 267.82   | 257.00     | 6.85    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 258.36   | 252.68   | 263.59   | 258.21     | 2.11    | ppb   |
| Cadmium    | 106-1 | 264.44   | 258.78   | 260.26   | 261.16     | 1.12    | ppb   |
| Cadmium    | 108-1 | 261.44   | 256.22   | 255.72   | 257.79     | 1.23    | ppb   |
| Calcium    | 43-1  | 25428.69 | 26132.75 | 26582.34 | 26047.93   | 2.23    | ppb   |
| Calcium    | 44-1  | 24963.64 | 26179.07 | 26342.64 | 25828.45   | 2.92    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 244.00   | 244.55   | 247.00   | 245.18     | 0.65    | ppb   |
| Cobalt     | 59-2  | 252.37   | 252.97   | 252.37   | 252.57     | 0.14    | ppb   |
| Copper     | 63-2  | 2620.39  | 2633.73  | 2588.48  | 2614.20    | 0.89    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 54-2  | 13954.77 | 13763.77 | 14286.53 | 14001.69   | 1.89    | ppb   |
| Iron       | 56-2  | 13955.40 | 13630.27 | 13924.53 | 13836.73   | 1.30    | ppb   |
| Iron       | 57-2  | 13258.33 | 13354.46 | 13209.99 | 13274.26   | 0.55    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1200.89  | 1194.64  | 1247.58  | 1214.37    | 2.38    | ppb   |
| Lead       | 207-1 | 1225.56  | 1237.49  | 1258.51  | 1240.52    | 1.34    | ppb   |
| Lead       | 208-1 | 1213.39  | 1216.85  | 1248.37  | 1226.20    | 1.57    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 27438.27 | 27499.38 | 27089.14 | 27342.26   | 0.81    | ppb   |
| Manganese  | 55-2  | 2574.81  | 2527.30  | 2587.29  | 2563.13    | 1.24    | ppb   |
| Molybdenum | 94-1  | 2496.49  | 2492.01  | 2490.21  | 2492.90    | 0.13    | ppb   |
| Molybdenum | 95-1  | 2494.07  | 2445.85  | 2502.28  | 2480.73    | 1.23    | ppb   |
| Molybdenum | 96-1  | 2496.67  | 2439.44  | 2445.39  | 2460.50    | 1.28    | ppb   |
| Molybdenum | 97-1  | 2462.94  | 2401.22  | 2469.74  | 2444.63    | 1.54    | ppb   |
| Molybdenum | 98-1  | 2486.04  | 2481.02  | 2494.54  | 2487.20    | 0.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 260.39   | 261.31   | 262.19   | 261.30     | 0.35    | ppb   |
| Phosphorus | 31-2  | 5163.14  | 5187.32  | 5160.79  | 5170.42    | 0.28    | ppb   |
| Potassium  | 39-2  | 13153.90 | 13082.63 | 13395.66 | 13210.73   | 1.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 82-1  | 257.22   | 258.01   | 256.86   | 257.36     | 0.23    | ppb   |
| Selenium   | 77-2  | 265.07   | 245.36   | 251.02   | 253.82     | 4.00    | ppb   |
| Selenium   | 78-2  | 260.05   | 251.14   | 248.73   | 253.30     | 2.35    | ppb   |
| Silicon    | 28-1  | 278.36   | 286.36   | 289.02   | 284.58     | 1.95    | ppb   |
| Silver     | 107-1 | 263.30   | 258.98   | 257.38   | 259.89     | 1.18    | ppb   |
| Silver     | 109-1 | 265.78   | 256.97   | 255.58   | 259.44     | 2.13    | ppb   |
| Sodium     | 23-2  | 26006.72 | 26442.58 | 26143.11 | 26197.47   | 0.85    | ppb   |
| Strontium  | 86-1  | 255.75   | 255.82   | 258.72   | 256.76     | 0.66    | ppb   |
| Strontium  | 88-1  | 256.11   | 256.99   | 255.98   | 256.36     | 0.21    | ppb   |
| Sulfur     | 34-1  | 6236.08  | 5377.00  | 6658.28  | 6090.45    | 10.72   | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 249.77   | 232.37   | 239.13   | 240.42     | 3.65    | ppb   |
| Thallium   | 205-1 | 250.22   | 245.52   | 245.20   | 246.98     | 1.14    | ppb   |
| Tin        | 118-1 | 246.67   | 252.73   | 252.72   | 250.71     | 1.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2514.89 | 2570.51 | 2587.72 | 2557.71    | 1.49    | ppb   |
| Uranium   | 238-1 | 249.47  | 242.60  | 255.20  | 249.09     | 2.53    | ppb   |
| Vanadium  | 51-2  | 248.27  | 245.81  | 251.59  | 248.56     | 1.17    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 2593.56 | 2574.85 | 2604.09 | 2590.83    | 0.57    | ppb   |
| Zirconium | 90-1  | 245.34  | 248.84  | 254.06  | 249.41     | 1.76    | ppb   |
| Zirconium | 91-1  | 249.56  | 247.11  | 252.51  | 249.73     | 1.08    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10242.78 | 9970.92  | 10148.29 | 10120.66   | 1.36    | ppb   |
| Antimony   | 121-1 | 491.24   | 500.82   | 491.72   | 494.59     | 1.09    | ppb   |
| Arsenic    | 75-2  | 483.67   | 500.48   | 491.35   | 491.83     | 1.71    | ppb   |
| Barium     | 135-1 | 2514.80  | 2446.92  | 2539.68  | 2500.47    | 1.92    | ppb   |
| Barium     | 137-1 | 2466.27  | 2437.28  | 2452.80  | 2452.12    | 0.59    | ppb   |
| Beryllium  | 9-1   | 489.15   | 497.61   | 486.01   | 490.92     | 1.22    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 474.28   | 483.65   | 502.20   | 486.71     | 2.92    | ppb   |
| Boron      | 11-1  | 456.07   | 483.55   | 467.40   | 469.00     | 2.95    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 491.75   | 499.58   | 495.91   | 495.75     | 0.79    | ppb   |
| Cadmium    | 106-1 | 495.46   | 502.37   | 482.49   | 493.44     | 2.04    | ppb   |
| Cadmium    | 108-1 | 497.65   | 504.63   | 488.26   | 496.85     | 1.65    | ppb   |
| Calcium    | 43-1  | 50546.20 | 50904.73 | 52360.31 | 51270.41   | 1.87    | ppb   |
| Calcium    | 44-1  | 49190.57 | 50340.38 | 50123.76 | 49884.90   | 1.22    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 501.05   | 496.83   | 508.74   | 502.21     | 1.20    | ppb   |
| Cobalt     | 59-2  | 512.69   | 518.88   | 503.43   | 511.67     | 1.52    | ppb   |
| Copper     | 63-2  | 5119.67  | 4986.34  | 5027.74  | 5044.58    | 1.35    | 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 |          |          |          | 116        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 54-2  | 28275.66 | 27457.93 | 27238.71 | 27657.43   | 1.98    | ppb   |
| Iron       | 56-2  | 28159.51 | 27011.08 | 27379.36 | 27516.65   | 2.13    | ppb   |
| Iron       | 57-2  | 28178.57 | 27209.68 | 27628.99 | 27672.41   | 1.76    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2438.94  | 2299.69  | 2410.00  | 2382.88    | 3.08    | ppb   |
| Lead       | 207-1 | 2458.30  | 2417.90  | 2492.93  | 2456.38    | 1.53    | ppb   |
| Lead       | 208-1 | 2428.38  | 2441.53  | 2459.31  | 2443.07    | 0.64    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 53482.47 | 53699.34 | 53493.37 | 53558.40   | 0.23    | ppb   |
| Manganese  | 55-2  | 5047.59  | 4981.61  | 4987.34  | 5005.51    | 0.73    | ppb   |
| Molybdenum | 94-1  | 4946.96  | 4907.05  | 4913.84  | 4922.62    | 0.43    | ppb   |
| Molybdenum | 95-1  | 4950.16  | 4889.33  | 4820.21  | 4886.57    | 1.33    | ppb   |
| Molybdenum | 96-1  | 4950.12  | 4917.51  | 4867.12  | 4911.58    | 0.85    | ppb   |
| Molybdenum | 97-1  | 4917.72  | 4844.38  | 4857.62  | 4873.24    | 0.80    | ppb   |
| Molybdenum | 98-1  | 4882.80  | 4949.78  | 4854.26  | 4895.61    | 1.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 509.23   | 507.61   | 502.67   | 506.51     | 0.67    | ppb   |
| Phosphorus | 31-2  | 10400.02 | 9868.84  | 10154.71 | 10141.19   | 2.62    | ppb   |
| Potassium  | 39-2  | 25671.27 | 25588.25 | 25879.15 | 25712.89   | 0.58    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 82-1  | 483.22   | 479.45   | 489.40   | 484.02     | 1.04    | ppb   |
| Selenium   | 77-2  | 465.46   | 513.11   | 481.78   | 486.78     | 4.97    | ppb   |
| Selenium   | 78-2  | 490.63   | 494.02   | 498.49   | 494.38     | 0.80    | ppb   |
| Silicon    | 28-1  | 518.21   | 496.84   | 503.15   | 506.07     | 2.17    | ppb   |
| Silver     | 107-1 | 512.24   | 510.78   | 505.22   | 509.41     | 0.73    | ppb   |
| Silver     | 109-1 | 520.26   | 525.10   | 520.34   | 521.90     | 0.53    | ppb   |
| Sodium     | 23-2  | 52077.14 | 52189.63 | 51512.11 | 51926.29   | 0.70    | ppb   |
| Strontium  | 86-1  | 499.16   | 505.18   | 525.49   | 509.94     | 2.71    | ppb   |
| Strontium  | 88-1  | 507.42   | 487.76   | 498.73   | 497.97     | 1.98    | ppb   |
| Sulfur     | 34-1  | 9234.82  | 8792.33  | 9259.13  | 9095.42    | 2.89    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 473.94   | 439.24   | 498.38   | 470.52     | 6.32    | ppb   |
| Thallium   | 205-1 | 487.42   | 459.42   | 488.79   | 478.54     | 3.46    | ppb   |
| Tin        | 118-1 | 502.45   | 497.97   | 506.27   | 502.23     | 0.83    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4854.52 | 4876.16 | 5023.84 | 4918.18    | 1.87    | ppb   |
| Uranium   | 238-1 | 477.17  | 482.60  | 499.47  | 486.41     | 2.39    | ppb   |
| Vanadium  | 51-2  | 496.17  | 491.54  | 491.19  | 492.97     | 0.56    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 5099.19 | 5138.23 | 5054.30 | 5097.24    | 0.82    | ppb   |
| Zirconium | 90-1  | 495.05  | 489.31  | 497.72  | 494.03     | 0.87    | ppb   |
| Zirconium | 91-1  | 500.81  | 489.65  | 476.44  | 488.97     | 2.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 21028.31  | 20301.87  | 21310.90  | 20880.36   | 2.49    | ppb   |
| Antimony   | 121-1 | 1037.36   | 997.40    | 967.62    | 1000.79    | 3.50    | ppb   |
| Arsenic    | 75-2  | 1003.95   | 1014.00   | 991.97    | 1003.30    | 1.10    | ppb   |
| Barium     | 135-1 | 5109.89   | 5100.40   | 4790.79   | 5000.36    | 3.63    | ppb   |
| Barium     | 137-1 | 5302.09   | 4992.57   | 4775.50   | 5023.39    | 5.27    | ppb   |
| Beryllium  | 9-1   | 993.92    | 1005.52   | 1001.85   | 1000.43    | 0.59    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 927.73    | 1074.70   | 1010.34   | 1004.26    | 7.34    | ppb   |
| Boron      | 11-1  | 938.52    | 1061.89   | 1038.19   | 1012.87    | 6.46    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 1046.80   | 1002.16   | 947.85    | 998.94     | 4.96    | ppb   |
| Cadmium    | 106-1 | 1049.18   | 998.91    | 950.41    | 999.50     | 4.94    | ppb   |
| Cadmium    | 108-1 | 1041.86   | 1010.66   | 942.24    | 998.25     | 5.10    | ppb   |
| Calcium    | 43-1  | 103404.18 | 105697.49 | 102027.39 | 103709.69  | 1.79    | ppb   |
| Calcium    | 44-1  | 101709.52 | 100707.85 | 102946.87 | 101788.08  | 1.10    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 1006.46   | 1000.14   | 993.67    | 1000.09    | 0.64    | ppb   |
| Cobalt     | 59-2  | 998.67    | 985.09    | 995.66    | 993.14     | 0.72    | ppb   |
| Copper     | 63-2  | 9936.03   | 9776.55   | 10098.93  | 9937.17    | 1.62    | 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 |           |           |           | 114        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 54-2  | 54495.71  | 53937.53  | 53314.11  | 53915.78   | 1.10    | ppb   |
| Iron       | 56-2  | 54966.39  | 53655.81  | 53119.48  | 53913.90   | 1.76    | ppb   |
| Iron       | 57-2  | 54903.61  | 53656.79  | 53649.65  | 54070.02   | 1.34    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4955.73   | 5215.13   | 5033.60   | 5068.15    | 2.63    | ppb   |
| Lead       | 207-1 | 4961.71   | 5077.00   | 5025.14   | 5021.28    | 1.15    | ppb   |
| Lead       | 208-1 | 4973.26   | 5085.19   | 5039.44   | 5032.63    | 1.12    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 105175.76 | 104530.36 | 104193.02 | 104633.05  | 0.48    | ppb   |
| Manganese  | 55-2  | 9912.52   | 10000.02  | 10005.76  | 9972.76    | 0.52    | ppb   |
| Molybdenum | 94-1  | 10084.84  | 10003.00  | 10023.99  | 10037.28   | 0.42    | ppb   |
| Molybdenum | 95-1  | 10407.64  | 9953.98   | 9814.98   | 10058.87   | 3.08    | ppb   |
| Molybdenum | 96-1  | 10560.65  | 9851.37   | 9745.65   | 10052.56   | 4.41    | ppb   |
| Molybdenum | 97-1  | 10274.34  | 10058.07  | 9900.98   | 10077.80   | 1.86    | ppb   |
| Molybdenum | 98-1  | 10170.05  | 10064.36  | 9932.40   | 10055.60   | 1.18    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 994.21    | 986.78    | 996.64    | 992.54     | 0.52    | ppb   |
| Phosphorus | 31-2  | 20199.55  | 19040.65  | 20361.96  | 19867.39   | 3.63    | ppb   |
| Potassium  | 39-2  | 51429.46  | 49408.17  | 50994.20  | 50610.61   | 2.10    | ppb   |
| Rhodium    | 103-1 |           |           |           | 100        |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 104        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 82-1  | 1037.14   | 993.00    | 987.20    | 1005.78    | 2.72    | ppb   |
| Selenium   | 77-2  | 1030.72   | 992.05    | 994.34    | 1005.70    | 2.16    | ppb   |
| Selenium   | 78-2  | 994.11    | 1021.29   | 989.31    | 1001.57    | 1.72    | ppb   |
| Silicon    | 28-1  | 961.41    | 1005.74   | 989.50    | 985.55     | 2.28    | ppb   |
| Silver     | 107-1 | 1032.23   | 998.57    | 942.05    | 990.95     | 4.60    | ppb   |
| Silver     | 109-1 | 989.97    | 999.18    | 965.92    | 985.02     | 1.74    | ppb   |
| Sodium     | 23-2  | 101912.28 | 100708.43 | 101111.73 | 101244.15  | 0.61    | ppb   |
| Strontium  | 86-1  | 1013.78   | 992.90    | 971.96    | 992.88     | 2.11    | ppb   |
| Strontium  | 88-1  | 1022.98   | 994.61    | 979.27    | 998.95     | 2.22    | ppb   |
| Sulfur     | 34-1  | 19973.81  | 20483.66  | 19928.03  | 20128.50   | 1.53    | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 1000.21   | 1042.69   | 1007.08   | 1016.66    | 2.24    | ppb   |
| Thallium   | 205-1 | 1029.14   | 1017.17   | 987.43    | 1011.25    | 2.12    | ppb   |
| Tin        | 118-1 | 1035.76   | 1020.74   | 936.49    | 997.66     | 5.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|-----------|-------|----------|----------|----------|------------|---------|-------|
| Titanium  | 47-1  | 10034.07 | 10003.64 | 10025.18 | 10020.96   | 0.16    | ppb   |
| Uranium   | 238-1 | 997.63   | 981.71   | 1041.12  | 1006.82    | 3.05    | ppb   |
| Vanadium  | 51-2  | 1000.70  | 1002.25  | 1008.24  | 1003.73    | 0.40    | ppb   |
| Ytterbium | 172-1 |          |          |          |            |         | cps   |
| Ytterbium | 172-2 |          |          |          |            |         | cps   |
| Ytterbium | 176-1 |          |          |          |            |         | cps   |
| Ytterbium | 176-2 |          |          |          |            |         | cps   |
| Yttrium   | 89-1  |          |          |          | 105        |         | %     |
| Yttrium   | 89-2  |          |          |          | 99         |         | %     |
| Zinc      | 66-2  | 10110.64 | 9885.61  | 9760.38  | 9918.88    | 1.79    | ppb   |
| Zirconium | 90-1  | 1032.67  | 989.30   | 986.13   | 1002.70    | 2.59    | ppb   |
| Zirconium | 91-1  | 1037.98  | 1004.57  | 974.23   | 1005.59    | 3.17    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 101059.34 | 99821.50  | 98509.86  | 99796.90   | 1.28    | ppb   |
| Antimony   | 121-1 | 0.53      | 0.61      | 0.60      | 0.58       | 7.44    | ppb   |
| Arsenic    | 75-2  | 0.34      | 0.33      | 0.35      | 0.34       | 2.39    | ppb   |
| Barium     | 135-1 | 2.37      | 2.46      | 2.44      | 2.42       | 1.99    | ppb   |
| Barium     | 137-1 | 2.52      | 2.36      | 2.57      | 2.48       | 4.41    | ppb   |
| Beryllium  | 9-1   | 0.12      | 0.10      | 0.11      | 0.11       | 5.85    | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 104.50    | 99.64     | 92.57     | 98.90      | 6.07    | ppb   |
| Boron      | 11-1  | 109.17    | 99.84     | 94.43     | 101.15     | 7.37    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.01      | 0.08      | 0.10      | 0.07       | 70.54   | ppb   |
| Cadmium    | 106-1 | -3.07     | -1.63     | -1.31     | -2.00      |         | ppb   |
| Cadmium    | 108-1 | 0.00      | 0.29      | 0.36      | 0.22       | 89.59   | ppb   |
| Calcium    | 43-1  | 500928.00 | 495428.00 | 500845.33 | 499067.11  | 0.63    | ppb   |
| Calcium    | 44-1  | 505809.81 | 491365.22 | 501641.99 | 499605.67  | 1.49    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 8.53      | 8.27      | 8.45      | 8.41       | 1.54    | ppb   |
| Cobalt     | 59-2  | 2.63      | 2.41      | 2.51      | 2.51       | 4.51    | ppb   |
| Copper     | 63-2  | 2.78      | 2.64      | 2.57      | 2.66       | 4.00    | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 54-2  | 252372.96 | 244306.40 | 249887.83 | 248855.73  | 1.66    | ppb   |
| Iron       | 56-2  | 250814.22 | 245478.14 | 250328.78 | 248873.71  | 1.19    | ppb   |
| Iron       | 57-2  | 251368.28 | 246830.25 | 248395.95 | 248864.83  | 0.93    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.26      | 1.16      | 1.07      | 1.16       | 7.76    | ppb   |
| Lead       | 207-1 | 1.22      | 1.17      | 1.15      | 1.18       | 2.99    | ppb   |
| Lead       | 208-1 | 1.21      | 1.14      | 1.10      | 1.15       | 4.89    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 503845.47 | 484818.33 | 507022.95 | 498562.25  | 2.41    | ppb   |
| Manganese  | 55-2  | 5.49      | 5.01      | 5.21      | 5.24       | 4.62    | ppb   |
| Molybdenum | 94-1  | 3.80      | 3.65      | 3.75      | 3.73       | 2.13    | ppb   |
| Molybdenum | 95-1  | 2.90      | 2.88      | 2.75      | 2.84       | 2.93    | ppb   |
| Molybdenum | 96-1  | 8.37      | 8.26      | 8.19      | 8.28       | 1.11    | ppb   |
| Molybdenum | 97-1  | 3.04      | 2.96      | 2.87      | 2.96       | 2.90    | ppb   |
| Molybdenum | 98-1  | 2.96      | 2.68      | 2.68      | 2.77       | 5.68    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 6.92      | 6.78      | 7.03      | 6.91       | 1.79    | ppb   |
| Phosphorus | 31-2  | -9.72     | 10.77     | 11.74     | 4.26       | 284.26  | ppb   |
| Potassium  | 39-2  | 248896.17 | 244217.67 | 256156.20 | 249756.68  | 2.41    | ppb   |
| Rhodium    | 103-1 |           |           |           | 87         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 82-1  | 1.05      | 2.15      | 1.28      | 1.49       | 38.98   | ppb   |
| Selenium   | 77-2  | 0.34      | -0.17     | 0.34      | 0.17       | 170.35  | ppb   |
| Selenium   | 78-2  | -0.13     | -0.77     | 0.45      | -0.15      |         | ppb   |
| Silicon    | 28-1  | 18.86     | 16.80     | 16.94     | 17.53      | 6.58    | ppb   |
| Silver     | 107-1 | 0.34      | 0.30      | 0.33      | 0.33       | 6.30    | ppb   |
| Silver     | 109-1 | 0.33      | 0.28      | 0.32      | 0.31       | 8.96    | ppb   |
| Sodium     | 23-2  | 499239.27 | 498445.22 | 500753.24 | 499479.24  | 0.23    | ppb   |
| Strontium  | 86-1  | 6.60      | 6.70      | 6.67      | 6.66       | 0.80    | ppb   |
| Strontium  | 88-1  | 6.83      | 6.79      | 6.94      | 6.85       | 1.15    | ppb   |
| Sulfur     | 34-1  | -1705.18  | -1673.64  | -1543.83  | -1640.88   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 0.40      | 0.37      | 0.40      | 0.39       | 4.70    | ppb   |
| Thallium   | 205-1 | 0.35      | 0.36      | 0.38      | 0.36       | 3.41    | ppb   |
| Tin        | 118-1 | 0.51      | 0.51      | 0.53      | 0.51       | 2.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.78    | 1.87    | 1.78    | 1.81       | 2.94    | ppb   |
| Uranium   | 238-1 | 0.13    | 0.12    | 0.12    | 0.12       | 3.32    | ppb   |
| Vanadium  | 51-2  | 0.16    | 0.16    | 0.16    | 0.16       | 2.11    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 7.68    | 7.14    | 7.51    | 7.45       | 3.73    | ppb   |
| Zirconium | 90-1  | 0.51    | 0.53    | 0.52    | 0.52       | 1.31    | ppb   |
| Zirconium | 91-1  | 0.53    | 0.47    | 0.46    | 0.49       | 7.43    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV27               | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:32:21 | DataFile Name :   | 015ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 500.85  | 476.33  | 493.91  | 490.36     | 2.58    | ppb   |
| Antimony   | 121-1 | 195.44  | 193.99  | 193.56  | 194.33     | 0.51    | ppb   |
| Arsenic    | 75-2  | 202.65  | 187.49  | 194.09  | 194.74     | 3.90    | ppb   |
| Barium     | 135-1 | 95.30   | 95.53   | 97.46   | 96.09      | 1.23    | ppb   |
| Barium     | 137-1 | 97.53   | 95.66   | 99.65   | 97.61      | 2.05    | ppb   |
| Beryllium  | 9-1   | 97.34   | 97.55   | 98.66   | 97.85      | 0.72    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 497.91  | 501.98  | 508.91  | 502.94     | 1.11    | ppb   |
| Boron      | 11-1  | 462.56  | 483.25  | 466.09  | 470.63     | 2.35    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 108.55  | 104.83  | 107.55  | 106.97     | 1.80    | ppb   |
| Cadmium    | 106-1 | 180.48  | 184.36  | 171.83  | 178.89     | 3.59    | ppb   |
| Cadmium    | 108-1 | 167.69  | 164.85  | 166.67  | 166.40     | 0.86    | ppb   |
| Calcium    | 43-1  | 2289.29 | 2315.60 | 2391.53 | 2332.14    | 2.28    | ppb   |
| Calcium    | 44-1  | 2226.97 | 2241.24 | 2271.87 | 2246.69    | 1.02    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 95.97   | 91.63   | 95.00   | 94.20      | 2.42    | ppb   |
| Cobalt     | 59-2  | 96.39   | 92.94   | 95.56   | 94.96      | 1.90    | ppb   |
| Copper     | 63-2  | 96.41   | 90.33   | 96.43   | 94.39      | 3.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 54-2  | 2027.42 | 1980.88 | 2035.90 | 2014.73    | 1.47    | ppb   |
| Iron       | 56-2  | 2079.80 | 1946.86 | 1996.48 | 2007.71    | 3.35    | ppb   |
| Iron       | 57-2  | 1990.51 | 1875.42 | 1936.91 | 1934.28    | 2.98    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV27               | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:32:21 | DataFile Name :   | 015ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 188.71   | 190.36   | 199.86   | 192.98     | 3.12    | ppb   |
| Lead       | 207-1 | 184.49   | 190.80   | 198.83   | 191.37     | 3.76    | ppb   |
| Lead       | 208-1 | 189.72   | 195.67   | 202.48   | 195.96     | 3.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 1172.60  | 1096.64  | 1144.97  | 1138.07    | 3.38    | ppb   |
| Manganese  | 55-2  | 92.69    | 88.39    | 91.45    | 90.84      | 2.43    | ppb   |
| Molybdenum | 94-1  | 4877.03  | 4961.60  | 5191.36  | 5010.00    | 3.25    | ppb   |
| Molybdenum | 95-1  | 4936.99  | 4967.34  | 5079.38  | 4994.57    | 1.50    | ppb   |
| Molybdenum | 96-1  | 5033.74  | 5069.32  | 5147.87  | 5083.64    | 1.15    | ppb   |
| Molybdenum | 97-1  | 4933.02  | 4838.18  | 5135.34  | 4968.85    | 3.05    | ppb   |
| Molybdenum | 98-1  | 4965.74  | 4985.51  | 5188.48  | 5046.58    | 2.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 107.35   | 101.79   | 106.31   | 105.15     | 2.81    | ppb   |
| Phosphorus | 31-2  | -8.82    | -1.34    | -1.17    | -3.78      |         | ppb   |
| Potassium  | 39-2  | 1874.10  | 1790.65  | 1842.61  | 1835.79    | 2.30    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 82-1  | 197.99   | 202.57   | 208.00   | 202.85     | 2.47    | ppb   |
| Selenium   | 77-2  | 205.29   | 203.71   | 194.63   | 201.21     | 2.86    | ppb   |
| Selenium   | 78-2  | 197.21   | 189.87   | 191.90   | 193.00     | 1.96    | ppb   |
| Silicon    | 28-1  | 107.14   | 114.54   | 121.23   | 114.30     | 6.17    | ppb   |
| Silver     | 107-1 | 51.25    | 51.51    | 50.94    | 51.23      | 0.56    | ppb   |
| Silver     | 109-1 | 50.54    | 50.71    | 50.26    | 50.50      | 0.45    | ppb   |
| Sodium     | 23-2  | 1930.91  | 1813.43  | 1862.84  | 1869.06    | 3.16    | ppb   |
| Strontium  | 86-1  | 523.33   | 514.37   | 533.46   | 523.72     | 1.82    | ppb   |
| Strontium  | 88-1  | 520.96   | 502.59   | 512.38   | 511.98     | 1.80    | ppb   |
| Sulfur     | 34-1  | -1477.13 | -1484.10 | -1379.56 | -1446.93   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 199.44   | 196.11   | 207.59   | 201.05     | 2.94    | ppb   |
| Thallium   | 205-1 | 204.75   | 202.58   | 210.38   | 205.90     | 1.96    | ppb   |
| Tin        | 118-1 | 532.88   | 510.94   | 507.02   | 516.95     | 2.70    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV27               | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:32:21 | DataFile Name :   | 015ICV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4734.61 | 4980.65 | 4821.66 | 4845.64    | 2.57    | ppb   |
| Uranium   | 238-1 | 451.74  | 497.76  | 485.89  | 478.46     | 4.99    | ppb   |
| Vanadium  | 51-2  | 93.70   | 88.35   | 91.69   | 91.25      | 2.96    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 196.65  | 183.15  | 189.52  | 189.77     | 3.56    | ppb   |
| Zirconium | 90-1  | 483.99  | 491.86  | 513.09  | 496.31     | 3.03    | ppb   |
| Zirconium | 91-1  | 498.47  | 477.97  | 502.10  | 492.85     | 2.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.31   | 19.79   | 19.67   | 19.59      | 1.29    | ppb   |
| Antimony   | 121-1 | 1.94    | 1.96    | 2.08    | 1.99       | 3.76    | ppb   |
| Arsenic    | 75-2  | 1.08    | 0.98    | 0.94    | 1.00       | 7.07    | ppb   |
| Barium     | 135-1 | 8.93    | 8.92    | 9.94    | 9.27       | 6.33    | ppb   |
| Barium     | 137-1 | 9.23    | 9.32    | 9.44    | 9.33       | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.99    | 1.03    | 0.97    | 1.00       | 3.25    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 34.79   | 35.36   | 35.79   | 35.31      | 1.42    | ppb   |
| Boron      | 11-1  | 35.96   | 36.94   | 37.05   | 36.65      | 1.64    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.80    | 0.71    | 0.93    | 0.81       | 13.88   | ppb   |
| Cadmium    | 106-1 | -2.23   | -2.04   | -0.91   | -1.73      |         | ppb   |
| Cadmium    | 108-1 | 0.61    | 0.83    | 1.05    | 0.83       | 26.25   | ppb   |
| Calcium    | 43-1  | 479.77  | 458.66  | 475.91  | 471.45     | 2.38    | ppb   |
| Calcium    | 44-1  | 475.42  | 463.08  | 472.27  | 470.26     | 1.36    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.91    | 1.98    | 1.93    | 1.94       | 1.86    | ppb   |
| Cobalt     | 59-2  | 0.94    | 1.02    | 0.99    | 0.98       | 3.84    | ppb   |
| Copper     | 63-2  | 2.09    | 2.24    | 1.97    | 2.10       | 6.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 53.67   | 56.41   | 49.67   | 53.25      | 6.37    | ppb   |
| Iron       | 56-2  | 51.52   | 53.38   | 51.47   | 52.12      | 2.09    | ppb   |
| Iron       | 57-2  | 49.57   | 54.12   | 48.91   | 50.86      | 5.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.96     | 0.94     | 0.90     | 0.93       | 3.28    | ppb   |
| Lead       | 207-1 | 1.04     | 1.06     | 1.03     | 1.05       | 1.56    | ppb   |
| Lead       | 208-1 | 0.99     | 0.97     | 0.98     | 0.98       | 1.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 514.92   | 499.72   | 490.22   | 501.62     | 2.48    | ppb   |
| Manganese  | 55-2  | 1.05     | 1.01     | 0.99     | 1.02       | 3.21    | ppb   |
| Molybdenum | 94-1  | 6.38     | 6.15     | 5.82     | 6.12       | 4.56    | ppb   |
| Molybdenum | 95-1  | 5.26     | 5.54     | 5.05     | 5.28       | 4.68    | ppb   |
| Molybdenum | 96-1  | 5.37     | 5.51     | 5.10     | 5.33       | 3.83    | ppb   |
| Molybdenum | 97-1  | 5.28     | 5.23     | 4.92     | 5.14       | 3.77    | ppb   |
| Molybdenum | 98-1  | 5.16     | 5.17     | 5.09     | 5.14       | 0.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.30     | 1.23     | 1.20     | 1.24       | 4.07    | ppb   |
| Phosphorus | 31-2  | 21.03    | 5.60     | 24.42    | 17.02      | 58.94   | ppb   |
| Potassium  | 39-2  | 468.65   | 484.46   | 466.05   | 473.05     | 2.11    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 82-1  | 5.59     | 5.62     | 4.70     | 5.30       | 9.83    | ppb   |
| Selenium   | 77-2  | 1.38     | 5.77     | 1.78     | 2.98       | 81.51   | ppb   |
| Selenium   | 78-2  | 5.93     | 3.94     | 5.31     | 5.06       | 20.15   | ppb   |
| Silicon    | 28-1  | 5.20     | 4.24     | 4.16     | 4.53       | 12.77   | ppb   |
| Silver     | 107-1 | 1.01     | 1.06     | 1.01     | 1.03       | 2.93    | ppb   |
| Silver     | 109-1 | 1.02     | 1.10     | 1.08     | 1.07       | 3.80    | ppb   |
| Sodium     | 23-2  | 475.84   | 486.25   | 481.21   | 481.10     | 1.08    | ppb   |
| Strontium  | 86-1  | 0.87     | 1.08     | 0.54     | 0.83       | 32.86   | ppb   |
| Strontium  | 88-1  | 1.00     | 1.01     | 1.01     | 1.01       | 0.59    | ppb   |
| Sulfur     | 34-1  | -1352.02 | -1444.66 | -1286.84 | -1361.17   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.93     | 0.96     | 0.90     | 0.93       | 3.41    | ppb   |
| Thallium   | 205-1 | 1.03     | 0.96     | 0.92     | 0.97       | 5.62    | ppb   |
| Tin        | 118-1 | 4.70     | 4.83     | 5.11     | 4.88       | 4.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.25    | 5.18    | 5.01    | 5.15       | 2.33    | ppb   |
| Uranium   | 238-1 | 0.93    | 0.96    | 0.92    | 0.94       | 1.99    | ppb   |
| Vanadium  | 51-2  | 4.95    | 4.90    | 4.81    | 4.88       | 1.42    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 1.96    | 2.27    | 2.25    | 2.16       | 8.12    | ppb   |
| Zirconium | 90-1  | 1.01    | 1.00    | 0.95    | 0.99       | 3.29    | ppb   |
| Zirconium | 91-1  | 0.93    | 0.93    | 0.99    | 0.95       | 3.39    | ppb   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : ICB27 Instrumnet Name : P8  
 Client Sample ID : ICB27 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 14:39:29 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.22    | 0.25    | 0.27    | 0.24       | 8.89    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 18.05   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | -0.01   | 0.01       | 198.07  | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.01    | 0.02       | 28.50   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 23.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 18.24   | 17.34   | 16.33   | 17.30      | 5.52    | ppb   |
| Boron      | 11-1  | 18.56   | 16.96   | 16.63   | 17.38      | 5.92    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.13   | -0.04   | -0.25   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.68   | -0.28   | -3.33   | -1.76      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.31    | 0.01    | 0.16       | 94.51   | ppb   |
| Calcium    | 43-1  | 1.02    | 1.89    | 2.41    | 1.78       | 39.56   | ppb   |
| Calcium    | 44-1  | -1.58   | -0.17   | -0.31   | -0.69      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.09    | 0.03    | 0.06    | 0.06       | 45.34   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 82.07   | ppb   |
| Copper     | 63-2  | 0.02    | 0.03    | 0.04    | 0.03       | 31.63   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 54-2  | -0.25   | 0.37    | 0.30    | 0.14       | 249.43  | ppb   |
| Iron       | 56-2  | 0.31    | 0.24    | 0.50    | 0.35       | 38.80   | ppb   |
| Iron       | 57-2  | 0.27    | 0.99    | 0.33    | 0.53       | 74.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB27               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:39:29 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04     | 0.06    | 0.03    | 0.04       | 37.91   | ppb   |
| Lead       | 207-1 | 0.04     | 0.04    | 0.06    | 0.05       | 25.33   | ppb   |
| Lead       | 208-1 | 0.05     | 0.05    | 0.04    | 0.05       | 14.50   | ppb   |
| Lithium    | 6-1   |          |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 0.63     | 0.65    | 1.29    | 0.86       | 43.70   | ppb   |
| Manganese  | 55-2  | 0.05     | 0.06    | 0.03    | 0.05       | 31.49   | ppb   |
| Molybdenum | 94-1  | 0.16     | 0.13    | 0.16    | 0.15       | 9.03    | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.12    | 0.11    | 0.12       | 11.87   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.13    | 0.10    | 0.12       | 12.76   | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.14    | 0.15    | 0.15       | 9.59    | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.12    | 0.09    | 0.11       | 20.83   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05     | 0.01    | 0.03    | 0.03       | 57.71   | ppb   |
| Phosphorus | 31-2  | -4.36    | -11.29  | -8.47   | -8.04      |         | ppb   |
| Potassium  | 39-2  | -10.74   | -6.26   | -7.97   | -8.32      |         | ppb   |
| Rhodium    | 103-1 |          |         |         | 105        |         | %     |
| Rhodium    | 103-2 |          |         |         | 97         |         | %     |
| Scandium   | 45-1  |          |         |         | 102        |         | %     |
| Scandium   | 45-2  |          |         |         | 98         |         | %     |
| Selenium   | 82-1  | 0.34     | 0.65    | 0.94    | 0.64       | 47.24   | ppb   |
| Selenium   | 77-2  | -0.17    | -0.17   | -0.17   | -0.17      |         | ppb   |
| Selenium   | 78-2  | 0.64     | 0.20    | -0.27   | 0.19       | 238.18  | ppb   |
| Silicon    | 28-1  | 2.00     | 3.62    | 3.11    | 2.91       | 28.44   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02    | 0.01    | 0.02       | 21.83   | ppb   |
| Silver     | 109-1 | 0.03     | 0.02    | 0.02    | 0.02       | 10.59   | ppb   |
| Sodium     | 23-2  | 1.28     | 3.72    | 4.59    | 3.20       | 53.65   | ppb   |
| Strontium  | 86-1  | -0.11    | -0.07   | 0.04    | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01    | 0.01    | 0.01       | 6.21    | ppb   |
| Sulfur     | 34-1  | -1212.46 | -822.55 | -779.85 | -938.29    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 105        |         | %     |
| Terbium    | 159-2 |          |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.02    | 0.01       | 156.62  | ppb   |
| Thallium   | 205-1 | -0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.04    | -0.04   | -0.04   | -0.04      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB27               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:39:29 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.07    | 0.17    | 0.09    | 0.11       | 46.34   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 48.68   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 2.04    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | -0.03   | 0.07    | 0.10    | 0.04       | 156.89  | ppb   |
| Zirconium | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 29.91   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.03    | 0.02    | 0.02       | 48.81   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA27              | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:42:30 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99953.82  | 97719.55  | 99312.16  | 98995.18   | 1.16    | ppb   |
| Antimony   | 121-1 | 1.21      | 1.16      | 1.15      | 1.17       | 2.74    | ppb   |
| Arsenic    | 75-2  | 0.29      | 0.37      | 0.24      | 0.30       | 22.39   | ppb   |
| Barium     | 135-1 | 1.35      | 1.45      | 1.49      | 1.43       | 5.14    | ppb   |
| Barium     | 137-1 | 1.49      | 1.35      | 1.40      | 1.41       | 4.92    | ppb   |
| Beryllium  | 9-1   | 0.26      | 0.29      | 0.27      | 0.27       | 6.60    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 10-1  | 14.00     | 13.76     | 13.29     | 13.68      | 2.63    | ppb   |
| Boron      | 11-1  | 14.24     | 14.04     | 13.73     | 14.00      | 1.85    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.18      | -0.02     | 0.13      | 0.10       | 105.66  | ppb   |
| Cadmium    | 106-1 | -3.29     | -4.24     | -3.77     | -3.77      |         | ppb   |
| Cadmium    | 108-1 | 9.52      | 9.80      | 8.63      | 9.32       | 6.53    | ppb   |
| Calcium    | 43-1  | 96357.66  | 97676.05  | 95845.81  | 96626.51   | 0.98    | ppb   |
| Calcium    | 44-1  | 95880.55  | 94757.87  | 96238.01  | 95625.48   | 0.81    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 18.86     | 18.13     | 18.61     | 18.54      | 2.00    | ppb   |
| Cobalt     | 59-2  | 1.14      | 1.18      | 1.13      | 1.15       | 2.43    | ppb   |
| Copper     | 63-2  | 6.97      | 7.12      | 6.93      | 7.01       | 1.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 107        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 54-2  | 102828.06 | 100535.39 | 103347.82 | 102237.09  | 1.46    | ppb   |
| Iron       | 56-2  | 103000.32 | 103648.45 | 102297.97 | 102982.25  | 0.66    | ppb   |
| Iron       | 57-2  | 102377.82 | 103763.66 | 101349.43 | 102496.97  | 1.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA27              | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:42:30 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 4.36     | 4.36     | 4.60     | 4.44       | 3.18    | ppb   |
| Lead       | 207-1 | 4.14     | 4.06     | 4.29     | 4.16       | 2.83    | ppb   |
| Lead       | 208-1 | 4.24     | 4.26     | 4.45     | 4.32       | 2.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 95422.72 | 97145.85 | 95376.81 | 95981.79   | 1.05    | ppb   |
| Manganese  | 55-2  | 7.30     | 7.00     | 7.20     | 7.17       | 2.18    | ppb   |
| Molybdenum | 94-1  | 1613.98  | 1535.40  | 1545.88  | 1565.09    | 2.73    | ppb   |
| Molybdenum | 95-1  | 1972.07  | 1905.39  | 1873.66  | 1917.04    | 2.62    | ppb   |
| Molybdenum | 96-1  | 1911.53  | 1864.43  | 1810.54  | 1862.17    | 2.71    | ppb   |
| Molybdenum | 97-1  | 1946.47  | 1822.08  | 1819.65  | 1862.73    | 3.89    | ppb   |
| Molybdenum | 98-1  | 1917.68  | 1831.98  | 1817.87  | 1855.84    | 2.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.32     | 5.41     | 5.19     | 5.31       | 2.15    | ppb   |
| Phosphorus | 31-2  | 97774.34 | 95210.32 | 96081.52 | 96355.39   | 1.35    | ppb   |
| Potassium  | 39-2  | 98335.70 | 96930.63 | 98126.13 | 97797.49   | 0.78    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 82-1  | -0.50    | 0.99     | 0.74     | 0.41       | 195.66  | ppb   |
| Selenium   | 77-2  | 0.83     | -0.17    | -0.17    | 0.16       | 347.45  | ppb   |
| Selenium   | 78-2  | -0.20    | -0.45    | -0.80    | -0.49      |         | ppb   |
| Silicon    | 28-1  | 7.09     | 6.72     | 6.64     | 6.82       | 3.51    | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.07     | 0.07       | 14.45   | ppb   |
| Silver     | 109-1 | 0.10     | 0.07     | 0.06     | 0.08       | 23.51   | ppb   |
| Sodium     | 23-2  | 96229.91 | 98283.08 | 97704.29 | 97405.76   | 1.09    | ppb   |
| Strontium  | 86-1  | 34.55    | 32.90    | 33.28    | 33.58      | 2.58    | ppb   |
| Strontium  | 88-1  | 34.57    | 33.07    | 33.78    | 33.81      | 2.22    | ppb   |
| Sulfur     | 34-1  | 89011.27 | 93667.46 | 92284.71 | 91654.48   | 2.61    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.11     | 0.20     | 0.15       | 28.45   | ppb   |
| Thallium   | 205-1 | 0.11     | 0.13     | 0.21     | 0.15       | 37.23   | ppb   |
| Tin        | 118-1 | 0.14     | 0.15     | 0.14     | 0.14       | 6.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA27              | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:42:30 | DataFile Name :   | 018ICSA.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1941.29 | 2009.36 | 1974.32 | 1974.99    | 1.72    | ppb   |
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.64   | ppb   |
| Vanadium  | 51-2  | 0.17    | 0.15    | 0.15    | 0.15       | 7.26    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 10.15   | 10.35   | 10.37   | 10.29      | 1.20    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.03    | 0.03       | 30.07   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.02    | 0.01    | 0.02       | 56.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98166.42  | 99079.86  | 95807.69  | 97684.66   | 1.73    | ppb   |
| Antimony   | 121-1 | 20.62     | 19.82     | 21.05     | 20.50      | 3.04    | ppb   |
| Arsenic    | 75-2  | 19.74     | 19.57     | 19.83     | 19.71      | 0.70    | ppb   |
| Barium     | 135-1 | 21.88     | 20.52     | 21.60     | 21.33      | 3.35    | ppb   |
| Barium     | 137-1 | 21.46     | 21.57     | 21.68     | 21.57      | 0.51    | ppb   |
| Beryllium  | 9-1   | 20.94     | 19.46     | 19.79     | 20.06      | 3.87    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 9.43      | 8.88      | 8.86      | 9.06       | 3.57    | ppb   |
| Boron      | 11-1  | 9.88      | 9.29      | 9.29      | 9.49       | 3.61    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 19.33     | 19.14     | 19.88     | 19.45      | 1.98    | ppb   |
| Cadmium    | 106-1 | 14.84     | 12.24     | 13.25     | 13.44      | 9.76    | ppb   |
| Cadmium    | 108-1 | 25.69     | 25.84     | 26.53     | 26.02      | 1.71    | ppb   |
| Calcium    | 43-1  | 100805.64 | 100152.17 | 97037.70  | 99331.84   | 2.03    | ppb   |
| Calcium    | 44-1  | 99901.74  | 98853.58  | 98337.69  | 99031.01   | 0.80    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 36.66     | 36.71     | 37.08     | 36.82      | 0.62    | ppb   |
| Cobalt     | 59-2  | 19.91     | 19.85     | 20.31     | 20.02      | 1.27    | ppb   |
| Copper     | 63-2  | 25.64     | 25.08     | 25.57     | 25.43      | 1.20    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 109        |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 54-2  | 100800.34 | 100133.84 | 100362.60 | 100432.26  | 0.34    | ppb   |
| Iron       | 56-2  | 99903.50  | 102661.04 | 101290.81 | 101285.12  | 1.36    | ppb   |
| Iron       | 57-2  | 102442.39 | 101883.54 | 102910.00 | 102411.97  | 0.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 24.00    | 24.09    | 24.33    | 24.14      | 0.69    | ppb   |
| Lead       | 207-1 | 23.73    | 23.13    | 23.56    | 23.47      | 1.32    | ppb   |
| Lead       | 208-1 | 23.52    | 23.36    | 23.69    | 23.52      | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 94508.64 | 93144.01 | 94600.59 | 94084.41   | 0.87    | ppb   |
| Manganese  | 55-2  | 25.27    | 25.31    | 25.56    | 25.38      | 0.62    | ppb   |
| Molybdenum | 94-1  | 1562.60  | 1600.35  | 1553.25  | 1572.06    | 1.59    | ppb   |
| Molybdenum | 95-1  | 1922.50  | 1936.45  | 1905.36  | 1921.44    | 0.81    | ppb   |
| Molybdenum | 96-1  | 1921.13  | 1906.89  | 1845.40  | 1891.14    | 2.13    | ppb   |
| Molybdenum | 97-1  | 1883.65  | 1906.14  | 1941.92  | 1910.57    | 1.54    | ppb   |
| Molybdenum | 98-1  | 1897.89  | 1883.36  | 1951.74  | 1910.99    | 1.89    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.42    | 24.71    | 24.64    | 24.59      | 0.62    | ppb   |
| Phosphorus | 31-2  | 96674.56 | 96956.44 | 94963.87 | 96198.29   | 1.12    | ppb   |
| Potassium  | 39-2  | 96214.43 | 97648.12 | 97209.75 | 97024.10   | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 82-1  | 20.22    | 20.47    | 19.66    | 20.12      | 2.07    | ppb   |
| Selenium   | 77-2  | 15.25    | 20.18    | 17.47    | 17.63      | 14.01   | ppb   |
| Selenium   | 78-2  | 18.26    | 17.50    | 18.01    | 17.92      | 2.15    | ppb   |
| Silicon    | 28-1  | 7.02     | 5.40     | 6.29     | 6.24       | 13.08   | ppb   |
| Silver     | 107-1 | 18.84    | 18.24    | 19.14    | 18.74      | 2.45    | ppb   |
| Silver     | 109-1 | 18.78    | 18.95    | 19.83    | 19.19      | 2.95    | ppb   |
| Sodium     | 23-2  | 96200.37 | 97374.19 | 93951.21 | 95841.92   | 1.81    | ppb   |
| Strontium  | 86-1  | 33.77    | 34.20    | 34.56    | 34.18      | 1.15    | ppb   |
| Strontium  | 88-1  | 34.47    | 34.57    | 33.88    | 34.31      | 1.09    | ppb   |
| Sulfur     | 34-1  | 97029.61 | 93986.42 | 91200.44 | 94072.16   | 3.10    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 20.59    | 20.40    | 20.72    | 20.57      | 0.79    | ppb   |
| Thallium   | 205-1 | 20.37    | 20.49    | 21.22    | 20.70      | 2.20    | ppb   |
| Tin        | 118-1 | 0.20     | 0.14     | 0.14     | 0.16       | 20.89   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1939.30 | 2022.69 | 1995.33 | 1985.77    | 2.14    | ppb   |
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.45   | ppb   |
| Vanadium  | 51-2  | 19.28   | 18.72   | 19.43   | 19.15      | 1.94    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 30.41   | 31.61   | 30.68   | 30.90      | 2.03    | ppb   |
| Zirconium | 90-1  | 0.04    | 0.02    | 0.02    | 0.03       | 40.69   | ppb   |
| Zirconium | 91-1  | 0.02    | 0.02    | 0.03    | 0.02       | 28.28   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50587.67  | 50091.86  | 49975.64  | 50218.39   | 0.65    | ppb   |
| Antimony   | 121-1 | 488.60    | 480.56    | 481.15    | 483.44     | 0.93    | ppb   |
| Arsenic    | 75-2  | 486.66    | 462.69    | 488.26    | 479.20     | 2.99    | ppb   |
| Barium     | 135-1 | 2489.38   | 2411.48   | 2441.13   | 2447.33    | 1.61    | ppb   |
| Barium     | 137-1 | 2348.12   | 2443.83   | 2396.83   | 2396.26    | 2.00    | ppb   |
| Beryllium  | 9-1   | 479.66    | 472.61    | 469.33    | 473.87     | 1.11    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 399.39    | 412.42    | 423.20    | 411.67     | 2.90    | ppb   |
| Boron      | 11-1  | 383.79    | 412.82    | 418.82    | 405.14     | 4.62    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 477.89    | 472.88    | 472.49    | 474.42     | 0.64    | ppb   |
| Cadmium    | 106-1 | 479.17    | 475.93    | 480.69    | 478.60     | 0.51    | ppb   |
| Cadmium    | 108-1 | 472.43    | 472.63    | 480.62    | 475.23     | 0.98    | ppb   |
| Calcium    | 43-1  | 245043.10 | 240312.30 | 239536.57 | 241630.66  | 1.23    | ppb   |
| Calcium    | 44-1  | 245617.27 | 245267.05 | 241146.84 | 244010.39  | 1.02    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 504.78    | 500.86    | 498.41    | 501.35     | 0.64    | ppb   |
| Cobalt     | 59-2  | 472.38    | 487.98    | 483.71    | 481.36     | 1.67    | ppb   |
| Copper     | 63-2  | 5019.49   | 4886.68   | 4955.25   | 4953.81    | 1.34    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 54-2  | 126334.82 | 127369.50 | 124574.70 | 126093.01  | 1.12    | ppb   |
| Iron       | 56-2  | 127593.98 | 125889.34 | 126900.58 | 126794.63  | 0.68    | ppb   |
| Iron       | 57-2  | 121155.87 | 122352.06 | 125896.98 | 123134.97  | 2.00    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2559.42   | 2652.53   | 2456.55   | 2556.17    | 3.84    | ppb   |
| Lead       | 207-1 | 2655.69   | 2665.61   | 2492.12   | 2604.47    | 3.74    | ppb   |
| Lead       | 208-1 | 2563.52   | 2611.09   | 2456.42   | 2543.68    | 3.11    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 245419.45 | 245672.70 | 244154.27 | 245082.14  | 0.33    | ppb   |
| Manganese  | 55-2  | 4875.23   | 4903.55   | 4893.31   | 4890.69    | 0.29    | ppb   |
| Molybdenum | 94-1  | 5059.49   | 5137.80   | 5000.43   | 5065.91    | 1.36    | ppb   |
| Molybdenum | 95-1  | 5057.26   | 5019.15   | 5152.96   | 5076.46    | 1.36    | ppb   |
| Molybdenum | 96-1  | 5011.09   | 4897.22   | 5123.33   | 5010.55    | 2.26    | ppb   |
| Molybdenum | 97-1  | 5045.51   | 4963.41   | 5012.32   | 5007.08    | 0.82    | ppb   |
| Molybdenum | 98-1  | 5103.19   | 5163.17   | 4966.09   | 5077.48    | 1.99    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 492.29    | 490.08    | 496.10    | 492.82     | 0.62    | ppb   |
| Phosphorus | 31-2  | 9737.81   | 9994.50   | 9851.80   | 9861.37    | 1.30    | ppb   |
| Potassium  | 39-2  | 123626.18 | 123199.24 | 125041.22 | 123955.55  | 0.78    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 107        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 82-1  | 486.59    | 488.21    | 487.07    | 487.29     | 0.17    | ppb   |
| Selenium   | 77-2  | 502.59    | 487.78    | 540.86    | 510.41     | 5.37    | ppb   |
| Selenium   | 78-2  | 504.52    | 484.34    | 514.83    | 501.23     | 3.09    | ppb   |
| Silicon    | 28-1  | 354.43    | 350.42    | 353.30    | 352.72     | 0.59    | ppb   |
| Silver     | 107-1 | 466.37    | 451.53    | 457.28    | 458.39     | 1.63    | ppb   |
| Silver     | 109-1 | 477.53    | 460.64    | 462.41    | 466.86     | 1.99    | ppb   |
| Sodium     | 23-2  | 242033.77 | 244224.78 | 245117.22 | 243791.92  | 0.65    | ppb   |
| Strontium  | 86-1  | 527.82    | 529.76    | 510.75    | 522.78     | 2.00    | ppb   |
| Strontium  | 88-1  | 513.44    | 520.48    | 515.96    | 516.62     | 0.69    | ppb   |
| Sulfur     | 34-1  | 8300.81   | 8359.40   | 8269.15   | 8309.79    | 0.55    | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 528.28    | 552.64    | 503.59    | 528.17     | 4.64    | ppb   |
| Thallium   | 205-1 | 529.85    | 530.91    | 480.23    | 513.66     | 5.64    | ppb   |
| Tin        | 118-1 | 492.53    | 480.56    | 486.54    | 486.54     | 1.23    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4994.91 | 5051.86 | 4921.89 | 4989.55    | 1.31    | ppb   |
| Uranium   | 238-1 | 545.42  | 534.08  | 504.59  | 528.03     | 3.99    | ppb   |
| Vanadium  | 51-2  | 493.05  | 485.24  | 485.37  | 487.89     | 0.92    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 4962.04 | 4859.35 | 4962.94 | 4928.11    | 1.21    | ppb   |
| Zirconium | 90-1  | 509.19  | 507.59  | 502.39  | 506.39     | 0.70    | ppb   |
| Zirconium | 91-1  | 500.37  | 512.19  | 515.74  | 509.43     | 1.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.26    | 1.15    | 1.20    | 1.20       | 4.98    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.08    | 0.07       | 24.51   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.04    | 0.02       | 80.55   | ppb   |
| Barium     | 137-1 | 0.03    | 0.04    | 0.02    | 0.03       | 19.44   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 28.73   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 12.28   | 12.43   | 12.12   | 12.27      | 1.26    | ppb   |
| Boron      | 11-1  | 12.53   | 12.53   | 13.00   | 12.69      | 2.14    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.21   | -0.16   | -0.28   | -0.22      |         | ppb   |
| Cadmium    | 106-1 | -3.37   | -2.83   | -4.04   | -3.41      |         | ppb   |
| Cadmium    | 108-1 | -0.77   | -0.82   | -0.57   | -0.72      |         | ppb   |
| Calcium    | 43-1  | 3.95    | 2.69    | 2.22    | 2.96       | 30.21   | ppb   |
| Calcium    | 44-1  | 0.40    | -0.05   | -0.14   | 0.07       | 408.62  | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | 0.02    | -0.01   | 0.02       | 129.01  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 27.72   | ppb   |
| Copper     | 63-2  | 0.14    | 0.17    | 0.13    | 0.15       | 15.63   | 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 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 2.11    | 2.06    | -0.22   | 1.32       | 100.92  | ppb   |
| Iron       | 56-2  | 1.78    | 1.97    | 1.84    | 1.86       | 5.14    | ppb   |
| Iron       | 57-2  | 1.04    | 0.11    | 1.06    | 0.74       | 73.40   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.04     | 0.05     | 0.04     | 0.04       | 15.88   | ppb   |
| Lead       | 207-1 | 0.07     | 0.05     | 0.04     | 0.05       | 29.50   | ppb   |
| Lead       | 208-1 | 0.06     | 0.06     | 0.05     | 0.06       | 7.48    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 3.10     | 3.85     | 3.27     | 3.40       | 11.57   | ppb   |
| Manganese  | 55-2  | 0.04     | 0.03     | 0.02     | 0.03       | 25.91   | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.13     | 0.14     | 0.12       | 23.95   | ppb   |
| Molybdenum | 95-1  | 0.12     | 0.11     | 0.12     | 0.12       | 8.29    | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.09     | 0.08     | 0.09       | 6.53    | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.16     | 0.08     | 0.12       | 33.30   | ppb   |
| Molybdenum | 98-1  | 0.11     | 0.11     | 0.10     | 0.10       | 5.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -8.06    | -15.25   | -7.42    | -10.24     |         | ppb   |
| Potassium  | 39-2  | -6.81    | -4.01    | -2.36    | -4.40      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 82-1  | -0.32    | 0.22     | 1.57     | 0.49       | 197.30  | ppb   |
| Selenium   | 77-2  | 0.31     | -0.17    | -0.17    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.52    | -0.92    | -0.28    | -0.57      |         | ppb   |
| Silicon    | 28-1  | 0.04     | 0.21     | 0.88     | 0.38       | 117.61  | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.02     | 0.02       | 15.69   | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03     | 0.03       | 21.52   | ppb   |
| Sodium     | 23-2  | 13.89    | 14.39    | 14.29    | 14.19      | 1.87    | ppb   |
| Strontium  | 86-1  | -0.22    | 0.05     | -0.15    | -0.11      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 3.29    | ppb   |
| Sulfur     | 34-1  | -1329.33 | -1388.66 | -1316.16 | -1344.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.08     | 0.07     | 0.08       | 18.55   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.06     | 0.07     | 0.08       | 22.17   | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.05    | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.10    | 0.07    | 0.08    | 0.09       | 18.79   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 50.35   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 79.98   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | -0.02   | 0.03    | 0.04    | 0.02       | 195.42  | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 31.49   | ppb   |
| Zirconium | 91-1  | 0.01    | -0.01   | 0.01    | 0.00       | 2863.87 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.64   | 20.85   | 21.06   | 20.52      | 3.75    | ppb   |
| Antimony   | 121-1 | 1.94    | 2.16    | 2.03    | 2.05       | 5.48    | ppb   |
| Arsenic    | 75-2  | 1.02    | 1.06    | 1.12    | 1.06       | 4.70    | ppb   |
| Barium     | 135-1 | 9.85    | 9.92    | 9.65    | 9.81       | 1.39    | ppb   |
| Barium     | 137-1 | 9.46    | 9.60    | 9.49    | 9.52       | 0.77    | ppb   |
| Beryllium  | 9-1   | 1.03    | 1.02    | 1.03    | 1.03       | 0.90    | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 23.20   | 22.77   | 23.31   | 23.09      | 1.23    | ppb   |
| Boron      | 11-1  | 23.89   | 23.74   | 25.09   | 24.24      | 3.06    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.80    | 0.93    | 0.77    | 0.83       | 10.26   | ppb   |
| Cadmium    | 106-1 | -2.82   | -1.42   | -3.17   | -2.47      |         | ppb   |
| Cadmium    | 108-1 | 0.45    | 1.12    | 0.38    | 0.65       | 63.04   | ppb   |
| Calcium    | 43-1  | 456.85  | 491.91  | 478.07  | 475.61     | 3.71    | ppb   |
| Calcium    | 44-1  | 459.44  | 474.49  | 477.96  | 470.63     | 2.09    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.95    | 1.70    | 1.88    | 1.85       | 7.21    | ppb   |
| Cobalt     | 59-2  | 1.00    | 0.95    | 0.99    | 0.98       | 2.99    | ppb   |
| Copper     | 63-2  | 2.14    | 2.03    | 2.12    | 2.09       | 2.90    | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 55.56   | 54.53   | 51.81   | 53.97      | 3.59    | ppb   |
| Iron       | 56-2  | 54.13   | 52.00   | 54.04   | 53.39      | 2.26    | ppb   |
| Iron       | 57-2  | 53.52   | 51.04   | 49.72   | 51.43      | 3.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.86     | 0.93     | 0.90     | 0.90       | 3.70    | ppb   |
| Lead       | 207-1 | 0.90     | 0.99     | 1.00     | 0.96       | 5.64    | ppb   |
| Lead       | 208-1 | 0.86     | 0.97     | 0.95     | 0.93       | 6.72    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 502.11   | 510.60   | 510.90   | 507.87     | 0.98    | ppb   |
| Manganese  | 55-2  | 1.13     | 1.00     | 0.97     | 1.03       | 8.15    | ppb   |
| Molybdenum | 94-1  | 5.90     | 6.08     | 5.72     | 5.90       | 3.03    | ppb   |
| Molybdenum | 95-1  | 4.84     | 5.06     | 4.91     | 4.94       | 2.29    | ppb   |
| Molybdenum | 96-1  | 4.84     | 5.05     | 5.05     | 4.98       | 2.48    | ppb   |
| Molybdenum | 97-1  | 4.61     | 4.96     | 4.94     | 4.84       | 4.06    | ppb   |
| Molybdenum | 98-1  | 4.76     | 4.99     | 5.09     | 4.94       | 3.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.08     | 1.06     | 0.98     | 1.04       | 5.33    | ppb   |
| Phosphorus | 31-2  | 3.88     | 14.65    | 23.37    | 13.96      | 69.92   | ppb   |
| Potassium  | 39-2  | 478.33   | 477.51   | 485.53   | 480.46     | 0.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 4.50     | 5.68     | 2.96     | 4.38       | 31.05   | ppb   |
| Selenium   | 77-2  | 5.33     | 5.54     | 1.32     | 4.06       | 58.61   | ppb   |
| Selenium   | 78-2  | 4.05     | 4.63     | 4.71     | 4.46       | 8.08    | ppb   |
| Silicon    | 28-1  | 1.05     | 1.91     | 2.00     | 1.65       | 31.77   | ppb   |
| Silver     | 107-1 | 1.01     | 1.08     | 1.00     | 1.03       | 3.98    | ppb   |
| Silver     | 109-1 | 1.07     | 1.06     | 1.05     | 1.06       | 1.19    | ppb   |
| Sodium     | 23-2  | 485.71   | 484.39   | 494.16   | 488.09     | 1.09    | ppb   |
| Strontium  | 86-1  | 0.74     | 0.77     | 0.85     | 0.79       | 6.98    | ppb   |
| Strontium  | 88-1  | 0.95     | 1.01     | 0.97     | 0.98       | 2.70    | ppb   |
| Sulfur     | 34-1  | -1465.67 | -1303.00 | -1430.96 | -1399.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.90     | 0.95     | 0.93     | 0.93       | 2.86    | ppb   |
| Thallium   | 205-1 | 0.94     | 0.99     | 0.99     | 0.97       | 2.99    | ppb   |
| Tin        | 118-1 | 4.93     | 4.85     | 5.09     | 4.96       | 2.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.08    | 5.09    | 4.94    | 5.04       | 1.60    | ppb   |
| Uranium   | 238-1 | 0.86    | 0.91    | 0.95    | 0.91       | 4.51    | ppb   |
| Vanadium  | 51-2  | 4.81    | 4.78    | 4.77    | 4.79       | 0.41    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 2.30    | 2.02    | 2.00    | 2.11       | 7.94    | ppb   |
| Zirconium | 90-1  | 0.95    | 0.94    | 0.92    | 0.94       | 1.90    | ppb   |
| Zirconium | 91-1  | 0.92    | 1.03    | 0.93    | 0.96       | 6.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.12    | 0.37    | 0.14    | 0.21       | 66.57   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.03    | 0.02       | 48.94   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.00    | 0.01       | 162.88  | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.01    | 0.01       | 39.43   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 27.80   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 4.78    | 4.79    | 4.29    | 4.62       | 6.15    | ppb   |
| Boron      | 11-1  | 5.00    | 4.74    | 4.27    | 4.67       | 7.90    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.30   | -0.33   | -0.17   | -0.27      |         | ppb   |
| Cadmium    | 106-1 | -3.96   | -4.30   | -2.43   | -3.56      |         | ppb   |
| Cadmium    | 108-1 | -0.19   | -0.09   | -0.13   | -0.14      |         | ppb   |
| Calcium    | 43-1  | -0.18   | 0.15    | 0.47    | 0.15       | 219.40  | ppb   |
| Calcium    | 44-1  | -2.45   | -3.87   | -3.70   | -3.34      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | 0.00    | 0.00    | 0.01       | 141.52  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 121.65  | ppb   |
| Copper     | 63-2  | 0.02    | 0.05    | 0.04    | 0.04       | 38.60   | 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 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | -0.25   | -0.20   | 0.21    | -0.08      |         | ppb   |
| Iron       | 56-2  | 0.09    | 0.11    | -0.03   | 0.06       | 140.03  | ppb   |
| Iron       | 57-2  | -1.17   | 0.10    | -1.05   | -0.71      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.02    | 0.03    | 0.03       | 37.43   | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.05    | 0.04       | 23.55   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 15.77   | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 0.49    | 0.55    | 0.31    | 0.45       | 27.34   | ppb   |
| Manganese  | 55-2  | -0.05   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.04    | 0.03       | 19.06   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.02    | 0.03       | 14.54   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.04    | 0.02       | 46.43   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.01    | 0.03    | 0.02       | 49.40   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -6.49   | -14.36  | 1.51    | -6.45      |         | ppb   |
| Potassium  | 39-2  | -11.09  | -12.81  | -14.46  | -12.79     |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | 0.36    | 1.97    | 1.76    | 1.36       | 64.13   | ppb   |
| Selenium   | 77-2  | -0.17   | -0.17   | 0.31    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -1.25   | -0.77   | -0.41   | -0.81      |         | ppb   |
| Silicon    | 28-1  | -0.39   | -0.70   | -1.09   | -0.73      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 77.76   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.43   | ppb   |
| Sodium     | 23-2  | 6.68    | 4.41    | 5.01    | 5.37       | 21.98   | ppb   |
| Strontium  | 86-1  | 0.21    | -0.32   | -0.08   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -627.66 | -880.52 | -946.43 | -818.20    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.03    | 0.04    | 0.04       | 21.84   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.03    | 0.02       | 43.24   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.04   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.02    | 0.02    | 0.02    | 0.02       | 2.86    | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 186.16  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | -0.04   | 0.03    | -0.08   | -0.03      |         | ppb   |
| Zirconium | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 25.97   | ppb   |
| Zirconium | 91-1  | 0.01    | -0.03   | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:12:16 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 40.97   | 39.86   | 39.51   | 40.12      | 1.90    | ppb   |
| Antimony   | 121-1 | 3.80    | 3.81    | 3.66    | 3.76       | 2.28    | ppb   |
| Arsenic    | 75-2  | 2.02    | 2.11    | 1.84    | 1.99       | 6.94    | ppb   |
| Barium     | 135-1 | 18.30   | 18.25   | 18.62   | 18.39      | 1.07    | ppb   |
| Barium     | 137-1 | 18.32   | 19.16   | 18.78   | 18.76      | 2.23    | ppb   |
| Beryllium  | 9-1   | 1.93    | 1.86    | 1.84    | 1.87       | 2.44    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 34.31   | 35.72   | 35.94   | 35.32      | 2.51    | ppb   |
| Boron      | 11-1  | 34.59   | 35.02   | 38.26   | 35.96      | 5.58    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 2.01    | 2.04    | 2.01    | 2.02       | 0.73    | ppb   |
| Cadmium    | 106-1 | 0.03    | 1.14    | 0.78    | 0.65       | 86.46   | ppb   |
| Cadmium    | 108-1 | 1.71    | 1.93    | 2.52    | 2.05       | 20.32   | ppb   |
| Calcium    | 43-1  | 921.24  | 934.79  | 880.26  | 912.10     | 3.11    | ppb   |
| Calcium    | 44-1  | 928.22  | 944.11  | 881.57  | 917.96     | 3.54    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 4.19    | 4.28    | 4.00    | 4.15       | 3.43    | ppb   |
| Cobalt     | 59-2  | 1.89    | 1.93    | 1.94    | 1.92       | 1.39    | ppb   |
| Copper     | 63-2  | 3.89    | 4.03    | 3.72    | 3.88       | 4.11    | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | 399.62  | 399.34  | 379.48  | 392.82     | 2.94    | ppb   |
| Iron       | 56-2  | 391.55  | 395.59  | 385.73  | 390.96     | 1.27    | ppb   |
| Iron       | 57-2  | 384.68  | 383.81  | 388.98  | 385.82     | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:12:16 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |         |          |            |         | cps   |
| Lead       | 206-1 | 1.85    | 1.78    | 1.77     | 1.80       | 2.26    | ppb   |
| Lead       | 207-1 | 1.97    | 1.81    | 1.87     | 1.88       | 4.20    | ppb   |
| Lead       | 208-1 | 1.91    | 1.79    | 1.82     | 1.84       | 3.33    | ppb   |
| Lithium    | 6-1   |         |         |          | 105        |         | %     |
| Magnesium  | 24-2  | 962.80  | 969.21  | 932.35   | 954.79     | 2.06    | ppb   |
| Manganese  | 55-2  | 2.01    | 1.94    | 1.84     | 1.93       | 4.55    | ppb   |
| Molybdenum | 94-1  | 12.24   | 12.10   | 12.11    | 12.15      | 0.65    | ppb   |
| Molybdenum | 95-1  | 10.64   | 10.67   | 10.73    | 10.68      | 0.46    | ppb   |
| Molybdenum | 96-1  | 10.78   | 10.63   | 10.70    | 10.70      | 0.68    | ppb   |
| Molybdenum | 97-1  | 10.87   | 10.31   | 10.58    | 10.59      | 2.62    | ppb   |
| Molybdenum | 98-1  | 10.79   | 10.24   | 10.36    | 10.46      | 2.71    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 2.31    | 2.32    | 2.21     | 2.28       | 2.74    | ppb   |
| Phosphorus | 31-2  | 2.94    | 9.07    | 2.59     | 4.87       | 74.87   | ppb   |
| Potassium  | 39-2  | 941.86  | 921.50  | 914.03   | 925.80     | 1.56    | ppb   |
| Rhodium    | 103-1 |         |         |          | 109        |         | %     |
| Rhodium    | 103-2 |         |         |          | 102        |         | %     |
| Scandium   | 45-1  |         |         |          | 109        |         | %     |
| Scandium   | 45-2  |         |         |          | 103        |         | %     |
| Selenium   | 82-1  | 10.78   | 10.32   | 9.90     | 10.33      | 4.26    | ppb   |
| Selenium   | 77-2  | 5.22    | 14.67   | 11.04    | 10.31      | 46.21   | ppb   |
| Selenium   | 78-2  | 10.86   | 10.86   | 9.06     | 10.26      | 10.13   | ppb   |
| Silicon    | 28-1  | 3.30    | 3.58    | 1.21     | 2.70       | 47.99   | ppb   |
| Silver     | 107-1 | 1.99    | 1.96    | 2.05     | 2.00       | 2.32    | ppb   |
| Silver     | 109-1 | 1.97    | 1.93    | 1.93     | 1.94       | 1.06    | ppb   |
| Sodium     | 23-2  | 913.68  | 939.97  | 904.19   | 919.28     | 2.02    | ppb   |
| Strontium  | 86-1  | 2.18    | 1.85    | 1.72     | 1.92       | 12.22   | ppb   |
| Strontium  | 88-1  | 2.07    | 1.93    | 1.99     | 2.00       | 3.65    | ppb   |
| Sulfur     | 34-1  | -897.34 | -914.72 | -1321.28 | -1044.44   |         | ppb   |
| Terbium    | 159-1 |         |         |          | 106        |         | %     |
| Terbium    | 159-2 |         |         |          | 104        |         | %     |
| Thallium   | 203-1 | 1.75    | 1.80    | 1.94     | 1.83       | 5.25    | ppb   |
| Thallium   | 205-1 | 1.81    | 1.88    | 1.89     | 1.86       | 2.27    | ppb   |
| Tin        | 118-1 | 0.04    | 0.02    | 0.01     | 0.02       | 58.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:12:16 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 9.43    | 9.08    | 8.86    | 9.12       | 3.17    | ppb   |
| Uranium   | 238-1 | 1.72    | 1.84    | 1.86    | 1.81       | 4.06    | ppb   |
| Vanadium  | 51-2  | 9.02    | 9.20    | 9.20    | 9.14       | 1.15    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 9.81    | 10.24   | 9.32    | 9.79       | 4.70    | ppb   |
| Zirconium | 90-1  | 1.86    | 1.78    | 1.87    | 1.84       | 2.66    | ppb   |
| Zirconium | 91-1  | 1.75    | 1.78    | 1.81    | 1.78       | 1.65    | ppb   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : PBS Instrumnet Name : P8  
 Client Sample ID : PBS Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 15:15:17 DataFile Name : 025CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.19    | -0.01   | 0.29    | 0.16       | 96.41   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 42.32   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.03    | 0.00    | 0.02    | 0.01       | 86.18   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 12.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 6.64    | 5.91    | 5.87    | 6.14       | 7.05    | ppb   |
| Boron      | 11-1  | 6.85    | 6.32    | 6.05    | 6.41       | 6.35    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.02    | -0.06   | -0.21   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | 0.25    | -0.95   | -2.83   | -1.18      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.21   | -0.32   | -0.20      |         | ppb   |
| Calcium    | 43-1  | 0.08    | 0.38    | 0.46    | 0.31       | 64.74   | ppb   |
| Calcium    | 44-1  | -2.69   | -4.17   | -3.97   | -3.61      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.01   | 0.02    | -0.02   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 139.35  | ppb   |
| Copper     | 63-2  | 0.02    | 0.00    | 0.04    | 0.02       | 96.13   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | -0.68   | -0.02   | 0.09    | -0.21      |         | ppb   |
| Iron       | 56-2  | -0.05   | -0.21   | 0.04    | -0.07      |         | ppb   |
| Iron       | 57-2  | 0.45    | 0.21    | -0.10   | 0.19       | 147.56  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:15:17 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |         |          |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.03    | 0.03     | 0.03       | 8.34    | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.02     | 0.02       | 9.42    | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.02     | 0.03       | 24.92   | ppb   |
| Lithium    | 6-1   |         |         |          | 103        |         | %     |
| Magnesium  | 24-2  | 0.04    | -0.17   | 0.14     | 0.00       | 6091.81 | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | -0.02    | 0.00       |         | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.01    | 0.02     | 0.03       | 59.85   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.02    | 0.03     | 0.04       | 42.71   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.01     | 0.01       | 55.96   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.01     | 0.02       | 46.19   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02     | 0.02       | 18.54   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -10.20  | -7.66   | -6.49    | -8.12      |         | ppb   |
| Potassium  | 39-2  | -14.55  | -11.78  | -14.33   | -13.56     |         | ppb   |
| Rhodium    | 103-1 |         |         |          | 107        |         | %     |
| Rhodium    | 103-2 |         |         |          | 102        |         | %     |
| Scandium   | 45-1  |         |         |          | 109        |         | %     |
| Scandium   | 45-2  |         |         |          | 105        |         | %     |
| Selenium   | 82-1  | 1.19    | -0.62   | 0.22     | 0.27       | 339.85  | ppb   |
| Selenium   | 77-2  | 0.32    | -0.17   | 0.30     | 0.15       | 182.37  | ppb   |
| Selenium   | 78-2  | -0.73   | -0.17   | -0.14    | -0.35      |         | ppb   |
| Silicon    | 28-1  | 0.11    | -0.95   | -1.32    | -0.72      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01     | 0.01       | 24.79   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.02     | 0.02       | 14.87   | ppb   |
| Sodium     | 23-2  | 2.49    | 2.75    | 3.08     | 2.78       | 10.72   | ppb   |
| Strontium  | 86-1  | -0.17   | 0.06    | -0.11    | -0.07      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -914.02 | -963.49 | -1127.31 | -1001.60   |         | ppb   |
| Terbium    | 159-1 |         |         |          | 107        |         | %     |
| Terbium    | 159-2 |         |         |          | 106        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.01     | 0.02       | 55.54   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.00     | 0.01       | 93.35   | ppb   |
| Tin        | 118-1 | -0.03   | -0.06   | -0.04    | -0.04      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:15:17 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.06    | -0.01   | 0.01    | 0.02       | 165.95  | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 114.83  | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | -0.07   | 0.07    | 0.01    | 0.00       | 3566.47 | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.31   | ppb   |
| Zirconium | 91-1  | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 37.75   | 38.63   | 37.88   | 38.09      | 1.25    | ppb   |
| Antimony   | 121-1 | 3.56    | 3.82    | 3.72    | 3.70       | 3.55    | ppb   |
| Arsenic    | 75-2  | 1.80    | 1.82    | 1.98    | 1.87       | 5.45    | ppb   |
| Barium     | 135-1 | 17.50   | 17.92   | 17.64   | 17.69      | 1.22    | ppb   |
| Barium     | 137-1 | 18.06   | 17.87   | 18.15   | 18.03      | 0.78    | ppb   |
| Beryllium  | 9-1   | 1.76    | 1.83    | 1.85    | 1.81       | 2.42    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 30.93   | 34.96   | 37.29   | 34.39      | 9.37    | ppb   |
| Boron      | 11-1  | 32.30   | 36.82   | 38.39   | 35.84      | 8.82    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.79    | 1.96    | 1.98    | 1.91       | 5.38    | ppb   |
| Cadmium    | 106-1 | -0.91   | 1.12    | 0.65    | 0.29       | 373.74  | ppb   |
| Cadmium    | 108-1 | 1.08    | 1.28    | 1.10    | 1.15       | 9.80    | ppb   |
| Calcium    | 43-1  | 889.18  | 881.32  | 902.62  | 891.04     | 1.21    | ppb   |
| Calcium    | 44-1  | 886.60  | 889.26  | 893.88  | 889.91     | 0.41    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 3.70    | 3.56    | 3.80    | 3.68       | 3.25    | ppb   |
| Cobalt     | 59-2  | 1.88    | 1.91    | 1.85    | 1.88       | 1.67    | ppb   |
| Copper     | 63-2  | 3.69    | 3.83    | 3.87    | 3.80       | 2.55    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 380.12  | 377.71  | 376.69  | 378.17     | 0.47    | ppb   |
| Iron       | 56-2  | 381.29  | 382.32  | 377.69  | 380.43     | 0.64    | ppb   |
| Iron       | 57-2  | 382.86  | 380.79  | 370.68  | 378.11     | 1.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.73     | 1.69     | 1.63     | 1.68       | 2.81    | ppb   |
| Lead       | 207-1 | 1.89     | 1.80     | 1.80     | 1.83       | 2.87    | ppb   |
| Lead       | 208-1 | 1.79     | 1.76     | 1.76     | 1.77       | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 921.28   | 947.10   | 904.67   | 924.35     | 2.31    | ppb   |
| Manganese  | 55-2  | 1.91     | 1.93     | 1.73     | 1.86       | 6.01    | ppb   |
| Molybdenum | 94-1  | 12.01    | 11.48    | 11.60    | 11.69      | 2.38    | ppb   |
| Molybdenum | 95-1  | 10.75    | 10.06    | 10.07    | 10.29      | 3.82    | ppb   |
| Molybdenum | 96-1  | 10.67    | 9.93     | 10.41    | 10.34      | 3.63    | ppb   |
| Molybdenum | 97-1  | 10.49    | 9.64     | 10.29    | 10.14      | 4.35    | ppb   |
| Molybdenum | 98-1  | 10.64    | 9.98     | 9.84     | 10.15      | 4.24    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.96     | 2.04     | 2.18     | 2.06       | 5.29    | ppb   |
| Phosphorus | 31-2  | 0.79     | -5.72    | 14.07    | 3.05       | 330.79  | ppb   |
| Potassium  | 39-2  | 889.81   | 912.41   | 889.85   | 897.36     | 1.45    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 11.26    | 8.13     | 8.75     | 9.38       | 17.66   | ppb   |
| Selenium   | 77-2  | 10.63    | 9.40     | 12.82    | 10.95      | 15.84   | ppb   |
| Selenium   | 78-2  | 9.68     | 10.60    | 9.84     | 10.04      | 4.89    | ppb   |
| Silicon    | 28-1  | 2.02     | 1.95     | 2.74     | 2.23       | 19.53   | ppb   |
| Silver     | 107-1 | 1.83     | 1.97     | 1.94     | 1.91       | 3.86    | ppb   |
| Silver     | 109-1 | 1.90     | 2.01     | 2.03     | 1.98       | 3.48    | ppb   |
| Sodium     | 23-2  | 895.72   | 906.95   | 887.36   | 896.68     | 1.10    | ppb   |
| Strontium  | 86-1  | 2.11     | 1.53     | 1.80     | 1.81       | 15.83   | ppb   |
| Strontium  | 88-1  | 2.02     | 1.86     | 1.87     | 1.92       | 4.67    | ppb   |
| Sulfur     | 34-1  | -1105.37 | -1100.77 | -1097.77 | -1101.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 1.74     | 1.78     | 1.78     | 1.77       | 1.53    | ppb   |
| Thallium   | 205-1 | 1.68     | 1.77     | 1.77     | 1.74       | 3.11    | ppb   |
| Tin        | 118-1 | 0.03     | 0.01     | 0.01     | 0.02       | 74.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 9.01    | 9.06    | 8.96    | 9.01       | 0.54    | ppb   |
| Uranium   | 238-1 | 1.66    | 1.71    | 1.73    | 1.70       | 2.17    | ppb   |
| Vanadium  | 51-2  | 8.95    | 8.87    | 9.13    | 8.98       | 1.47    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 9.61    | 9.51    | 9.79    | 9.64       | 1.44    | ppb   |
| Zirconium | 90-1  | 1.82    | 1.74    | 1.83    | 1.80       | 2.83    | ppb   |
| Zirconium | 91-1  | 1.79    | 1.79    | 1.91    | 1.83       | 3.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.81    | 5.09    | 5.41    | 5.44       | 6.65    | ppb   |
| Antimony   | 121-1 | 0.29    | 0.25    | 0.29    | 0.28       | 8.01    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.33    | 0.20    | 0.29       | 26.58   | ppb   |
| Barium     | 135-1 | 1.34    | 1.24    | 1.25    | 1.28       | 4.43    | ppb   |
| Barium     | 137-1 | 1.32    | 1.34    | 1.38    | 1.35       | 2.07    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.26    | 0.25    | 0.25       | 1.71    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 7.34    | 6.93    | 6.57    | 6.95       | 5.54    | ppb   |
| Boron      | 11-1  | 7.38    | 6.97    | 6.70    | 7.02       | 4.87    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.16    | 0.17    | 0.22    | 0.18       | 16.01   | ppb   |
| Cadmium    | 106-1 | -0.91   | -0.65   | -0.53   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.50    | 0.48    | 0.34       | 73.58   | ppb   |
| Calcium    | 43-1  | 23.97   | 24.26   | 26.67   | 24.96      | 5.94    | ppb   |
| Calcium    | 44-1  | 21.97   | 20.99   | 21.13   | 21.36      | 2.49    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.25    | 0.25    | 0.25    | 0.25       | 0.83    | ppb   |
| Cobalt     | 59-2  | 0.28    | 0.27    | 0.26    | 0.27       | 4.06    | ppb   |
| Copper     | 63-2  | 0.58    | 0.53    | 0.51    | 0.54       | 5.91    | 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 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 13.92   | 13.08   | 12.15   | 13.05      | 6.79    | ppb   |
| Iron       | 56-2  | 13.37   | 13.56   | 12.57   | 13.17      | 4.01    | ppb   |
| Iron       | 57-2  | 13.51   | 14.39   | 11.90   | 13.27      | 9.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.25    | 0.22    | 0.27    | 0.25       | 10.27   | ppb   |
| Lead       | 207-1 | 0.27    | 0.27    | 0.27    | 0.27       | 1.25    | ppb   |
| Lead       | 208-1 | 0.25    | 0.27    | 0.27    | 0.26       | 3.90    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 28.03   | 27.57   | 25.75   | 27.12      | 4.45    | ppb   |
| Manganese  | 55-2  | 0.44    | 0.48    | 0.44    | 0.45       | 4.25    | ppb   |
| Molybdenum | 94-1  | 0.71    | 0.65    | 0.66    | 0.67       | 4.86    | ppb   |
| Molybdenum | 95-1  | 0.26    | 0.25    | 0.27    | 0.26       | 2.17    | ppb   |
| Molybdenum | 96-1  | 0.26    | 0.26    | 0.34    | 0.29       | 15.18   | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.25    | 0.34    | 0.28       | 17.72   | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.28    | 0.26    | 0.26       | 7.22    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.31    | 0.30    | 0.29       | 9.36    | ppb   |
| Phosphorus | 31-2  | -14.27  | 6.19    | -1.54   | -3.21      |         | ppb   |
| Potassium  | 39-2  | 2.17    | 1.64    | 2.11    | 1.97       | 14.74   | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | 0.74    | 1.50    | 0.53    | 0.92       | 55.32   | ppb   |
| Selenium   | 77-2  | -0.17   | -0.17   | 0.80    | 0.16       | 355.10  | ppb   |
| Selenium   | 78-2  | 0.07    | -0.28   | 0.25    | 0.01       | 2098.21 | ppb   |
| Silicon    | 28-1  | -1.38   | -1.90   | -0.93   | -1.40      |         | ppb   |
| Silver     | 107-1 | 0.28    | 0.28    | 0.29    | 0.28       | 1.28    | ppb   |
| Silver     | 109-1 | 0.30    | 0.32    | 0.32    | 0.32       | 3.90    | ppb   |
| Sodium     | 23-2  | 29.29   | 30.31   | 28.35   | 29.31      | 3.34    | ppb   |
| Strontium  | 86-1  | -0.03   | -0.06   | 0.05    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.26    | 0.26    | 0.25    | 0.26       | 1.40    | ppb   |
| Sulfur     | 34-1  | -996.78 | -980.04 | -840.13 | -938.98    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.21    | 0.25    | 0.26    | 0.24       | 11.61   | ppb   |
| Thallium   | 205-1 | 0.23    | 0.26    | 0.25    | 0.25       | 5.86    | ppb   |
| Tin        | 118-1 | 0.22    | 0.22    | 0.20    | 0.21       | 5.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.26    | 0.25    | 0.21    | 0.24       | 12.62   | ppb   |
| Uranium   | 238-1 | 0.23    | 0.26    | 0.23    | 0.24       | 8.11    | ppb   |
| Vanadium  | 51-2  | 0.23    | 0.26    | 0.22    | 0.23       | 9.61    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.45    | 0.41    | 0.36    | 0.41       | 10.89   | ppb   |
| Zirconium | 90-1  | 0.24    | 0.25    | 0.24    | 0.24       | 2.32    | ppb   |
| Zirconium | 91-1  | 0.23    | 0.22    | 0.25    | 0.23       | 5.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.14    | 5.01    | 5.61    | 5.26       | 6.02    | ppb   |
| Antimony   | 121-1 | 0.25    | 0.27    | 0.29    | 0.27       | 7.88    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.24    | 0.25       | 5.29    | ppb   |
| Barium     | 135-1 | 1.30    | 1.24    | 1.35    | 1.30       | 4.20    | ppb   |
| Barium     | 137-1 | 1.32    | 1.30    | 1.24    | 1.29       | 3.25    | ppb   |
| Beryllium  | 9-1   | 0.28    | 0.25    | 0.24    | 0.26       | 6.37    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 4.58    | 4.12    | 4.29    | 4.33       | 5.35    | ppb   |
| Boron      | 11-1  | 4.70    | 4.55    | 4.49    | 4.58       | 2.30    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.22    | 0.10    | 0.18    | 0.16       | 36.40   | ppb   |
| Cadmium    | 106-1 | -0.34   | -2.11   | -0.68   | -1.04      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | -0.26   | 0.33    | 0.06       | 530.13  | ppb   |
| Calcium    | 43-1  | 27.34   | 24.15   | 27.17   | 26.22      | 6.85    | ppb   |
| Calcium    | 44-1  | 23.02   | 22.25   | 22.46   | 22.58      | 1.78    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.25    | 0.29    | 0.28    | 0.28       | 7.34    | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.30    | 0.23    | 0.27       | 13.16   | ppb   |
| Copper     | 63-2  | 0.52    | 0.54    | 0.54    | 0.53       | 2.11    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | 15.46   | 12.51   | 13.07   | 13.68      | 11.46   | ppb   |
| Iron       | 56-2  | 14.25   | 13.32   | 13.41   | 13.66      | 3.76    | ppb   |
| Iron       | 57-2  | 13.68   | 11.39   | 14.15   | 13.07      | 11.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.25    | 0.22    | 0.23    | 0.23       | 5.10    | ppb   |
| Lead       | 207-1 | 0.25    | 0.29    | 0.24    | 0.26       | 11.35   | ppb   |
| Lead       | 208-1 | 0.24    | 0.24    | 0.24    | 0.24       | 1.97    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 30.12   | 27.08   | 28.14   | 28.44      | 5.42    | ppb   |
| Manganese  | 55-2  | 0.38    | 0.52    | 0.43    | 0.44       | 15.34   | ppb   |
| Molybdenum | 94-1  | 0.70    | 0.65    | 0.67    | 0.67       | 4.36    | ppb   |
| Molybdenum | 95-1  | 0.29    | 0.28    | 0.23    | 0.27       | 13.46   | ppb   |
| Molybdenum | 96-1  | 0.25    | 0.32    | 0.31    | 0.29       | 12.95   | ppb   |
| Molybdenum | 97-1  | 0.28    | 0.25    | 0.23    | 0.25       | 9.33    | ppb   |
| Molybdenum | 98-1  | 0.28    | 0.27    | 0.23    | 0.26       | 10.70   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.30    | 0.25    | 0.31    | 0.29       | 11.94   | ppb   |
| Phosphorus | 31-2  | -1.20   | 1.72    | -3.03   | -0.83      |         | ppb   |
| Potassium  | 39-2  | 0.51    | 4.32    | 0.08    | 1.64       | 142.65  | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | 1.95    | -0.25   | 1.28    | 0.99       | 113.62  | ppb   |
| Selenium   | 77-2  | -0.17   | 1.25    | -0.17   | 0.31       | 266.80  | ppb   |
| Selenium   | 78-2  | 0.07    | -0.28   | 0.71    | 0.17       | 297.69  | ppb   |
| Silicon    | 28-1  | 0.00    | -1.18   | -1.01   | -0.73      |         | ppb   |
| Silver     | 107-1 | 0.26    | 0.30    | 0.29    | 0.29       | 7.36    | ppb   |
| Silver     | 109-1 | 0.28    | 0.28    | 0.27    | 0.28       | 1.90    | ppb   |
| Sodium     | 23-2  | 30.79   | 29.27   | 29.76   | 29.94      | 2.58    | ppb   |
| Strontium  | 86-1  | 0.32    | 0.31    | -0.06   | 0.19       | 113.62  | ppb   |
| Strontium  | 88-1  | 0.25    | 0.24    | 0.24    | 0.24       | 2.22    | ppb   |
| Sulfur     | 34-1  | -757.37 | -918.86 | -818.46 | -831.56    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.23    | 0.27    | 0.22    | 0.24       | 12.67   | ppb   |
| Thallium   | 205-1 | 0.22    | 0.24    | 0.21    | 0.22       | 7.81    | ppb   |
| Tin        | 118-1 | 0.20    | 0.68    | 0.24    | 0.37       | 71.05   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.27    | 0.24    | 0.29    | 0.27       | 8.01    | ppb   |
| Uranium   | 238-1 | 0.23    | 0.21    | 0.24    | 0.23       | 7.31    | ppb   |
| Vanadium  | 51-2  | 0.25    | 0.22    | 0.26    | 0.24       | 7.68    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 0.33    | 0.38    | 0.44    | 0.38       | 13.85   | ppb   |
| Zirconium | 90-1  | 0.25    | 0.25    | 0.23    | 0.24       | 4.38    | ppb   |
| Zirconium | 91-1  | 0.19    | 0.26    | 0.22    | 0.22       | 16.22   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.36    | 0.44    | 0.25    | 0.35       | 27.48   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 222.72  | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 44.30   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 81.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 2.48    | 2.65    | 2.59    | 2.57       | 3.23    | ppb   |
| Boron      | 11-1  | 2.49    | 2.70    | 2.53    | 2.58       | 4.38    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.15   | -0.24   | 0.00    | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.91   | -3.27   | -0.24   | -1.81      |         | ppb   |
| Cadmium    | 108-1 | -0.13   | -0.47   | -0.19   | -0.26      |         | ppb   |
| Calcium    | 43-1  | 1.38    | 1.86    | 2.01    | 1.75       | 18.61   | ppb   |
| Calcium    | 44-1  | -2.19   | -1.81   | -2.26   | -2.09      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | 0.06    | 0.04    | 0.04       | 38.82   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.00       | 76.77   | ppb   |
| Copper     | 63-2  | 0.02    | 0.04    | 0.00    | 0.02       | 89.93   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | -0.36   | 0.51    | 0.00    | 0.05       | 882.90  | ppb   |
| Iron       | 56-2  | -0.06   | 0.02    | 0.10    | 0.02       | 376.03  | ppb   |
| Iron       | 57-2  | 0.43    | 0.24    | -0.24   | 0.15       | 236.08  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.01    | 0.00       | 5601.21 | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.02    | 0.02       | 34.18   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.27    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 0.49    | 0.72    | 0.04    | 0.42       | 83.53   | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.04    | 0.01    | 0.05    | 0.03       | 66.87   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 26.38   | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.01    | 0.01       | 45.97   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.01       | 109.02  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       | 31.26   | ppb   |
| Phosphorus | 31-2  | 11.22   | 4.42    | -21.44  | -1.93      |         | ppb   |
| Potassium  | 39-2  | -11.23  | 0.32    | -3.94   | -4.95      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 82-1  | -0.75   | 1.11    | -0.14   | 0.08       | 1258.44 | ppb   |
| Selenium   | 77-2  | -0.17   | -0.17   | -0.17   | -0.17      |         | ppb   |
| Selenium   | 78-2  | -0.23   | -0.19   | -0.79   | -0.40      |         | ppb   |
| Silicon    | 28-1  | -0.21   | 1.35    | 0.26    | 0.47       | 171.94  | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 9.88    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 19.74   | ppb   |
| Sodium     | 23-2  | 2.13    | 3.14    | 2.47    | 2.58       | 19.92   | ppb   |
| Strontium  | 86-1  | -0.10   | -0.17   | -0.12   | -0.13      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 67.17   | ppb   |
| Sulfur     | 34-1  | -650.54 | -456.48 | -700.50 | -602.51    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.04   | 0.02    | -0.03   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.02   | 0.06    | -0.03   | 0.00       | 1510.41 | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 241.17  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | -0.06   | 0.05    | -0.11   | -0.04      |         | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 96.52   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.00    | 0.00    | 0.00       | 233.22  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.33    | 4.99    | 5.57    | 5.30       | 5.46    | ppb   |
| Antimony   | 121-1 | 0.26    | 0.25    | 0.25    | 0.26       | 2.73    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.29    | 0.29    | 0.27       | 14.27   | ppb   |
| Barium     | 135-1 | 1.42    | 1.21    | 1.26    | 1.30       | 8.36    | ppb   |
| Barium     | 137-1 | 1.34    | 1.35    | 1.32    | 1.34       | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.25    | 0.25    | 0.25       | 1.10    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 1.75    | 1.68    | 1.78    | 1.73       | 3.02    | ppb   |
| Boron      | 11-1  | 1.87    | 1.77    | 1.71    | 1.78       | 4.58    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.05    | 0.14    | 0.22    | 0.14       | 61.93   | ppb   |
| Cadmium    | 106-1 | -2.71   | -1.84   | -1.07   | -1.87      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.08   | -0.09   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 26.67   | 23.19   | 24.05   | 24.64      | 7.35    | ppb   |
| Calcium    | 44-1  | 22.22   | 21.29   | 20.54   | 21.35      | 3.95    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.24    | 0.25    | 0.26    | 0.25       | 4.05    | ppb   |
| Cobalt     | 59-2  | 0.25    | 0.25    | 0.25    | 0.25       | 0.47    | ppb   |
| Copper     | 63-2  | 0.53    | 0.52    | 0.52    | 0.52       | 1.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 13.44   | 14.02   | 13.75   | 13.74      | 2.09    | ppb   |
| Iron       | 56-2  | 13.67   | 13.58   | 13.44   | 13.56      | 0.88    | ppb   |
| Iron       | 57-2  | 13.06   | 15.72   | 12.79   | 13.86      | 11.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.26    | 0.22    | 0.22    | 0.23       | 9.12    | ppb   |
| Lead       | 207-1 | 0.28    | 0.23    | 0.26    | 0.25       | 10.09   | ppb   |
| Lead       | 208-1 | 0.28    | 0.24    | 0.25    | 0.26       | 6.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 28.70   | 26.80   | 27.25   | 27.58      | 3.61    | ppb   |
| Manganese  | 55-2  | 0.62    | 0.54    | 0.65    | 0.60       | 10.07   | ppb   |
| Molybdenum | 94-1  | 0.60    | 0.63    | 0.68    | 0.64       | 6.06    | ppb   |
| Molybdenum | 95-1  | 0.23    | 0.25    | 0.27    | 0.25       | 7.17    | ppb   |
| Molybdenum | 96-1  | 0.26    | 0.28    | 0.30    | 0.28       | 6.67    | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.23    | 0.25    | 0.26       | 10.61   | ppb   |
| Molybdenum | 98-1  | 0.27    | 0.24    | 0.27    | 0.26       | 6.24    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.29    | 0.31    | 0.29       | 6.49    | ppb   |
| Phosphorus | 31-2  | -1.70   | 0.15    | -8.19   | -3.25      |         | ppb   |
| Potassium  | 39-2  | 7.85    | 2.64    | 1.02    | 3.84       | 93.10   | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | -0.24   | 0.30    | -0.17   | -0.04      |         | ppb   |
| Selenium   | 77-2  | 1.25    | -0.17   | -0.17   | 0.31       | 267.01  | ppb   |
| Selenium   | 78-2  | 0.51    | -0.05   | 0.66    | 0.37       | 98.97   | ppb   |
| Silicon    | 28-1  | -1.11   | -1.41   | -0.77   | -1.10      |         | ppb   |
| Silver     | 107-1 | 0.24    | 0.27    | 0.30    | 0.27       | 11.26   | ppb   |
| Silver     | 109-1 | 0.25    | 0.26    | 0.24    | 0.25       | 2.47    | ppb   |
| Sodium     | 23-2  | 28.19   | 26.59   | 27.21   | 27.33      | 2.96    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.06    | 0.08    | 0.05       | 68.68   | ppb   |
| Strontium  | 88-1  | 0.25    | 0.25    | 0.25    | 0.25       | 0.80    | ppb   |
| Sulfur     | 34-1  | -708.14 | -751.42 | -780.42 | -746.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.26    | 0.21    | 0.25    | 0.24       | 11.02   | ppb   |
| Thallium   | 205-1 | 0.20    | 0.21    | 0.23    | 0.21       | 6.75    | ppb   |
| Tin        | 118-1 | 0.20    | 0.22    | 0.19    | 0.20       | 7.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.34    | 0.25    | 0.36    | 0.31       | 18.45   | ppb   |
| Uranium   | 238-1 | 0.24    | 0.24    | 0.24    | 0.24       | 0.97    | ppb   |
| Vanadium  | 51-2  | 0.25    | 0.24    | 0.27    | 0.25       | 5.84    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.38    | 0.40    | 0.43    | 0.40       | 6.63    | ppb   |
| Zirconium | 90-1  | 0.23    | 0.23    | 0.24    | 0.23       | 2.36    | ppb   |
| Zirconium | 91-1  | 0.24    | 0.28    | 0.26    | 0.26       | 9.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.08    | 5.61    | 5.77    | 5.48       | 6.58    | ppb   |
| Antimony   | 121-1 | 0.29    | 0.27    | 0.26    | 0.27       | 6.68    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.25    | 0.22    | 0.23       | 8.40    | ppb   |
| Barium     | 135-1 | 1.16    | 1.39    | 1.22    | 1.26       | 9.44    | ppb   |
| Barium     | 137-1 | 1.21    | 1.28    | 1.17    | 1.22       | 4.38    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.25    | 0.25    | 0.25       | 1.23    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 1.32    | 1.40    | 1.42    | 1.38       | 3.83    | ppb   |
| Boron      | 11-1  | 1.58    | 1.52    | 1.52    | 1.54       | 2.34    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.02    | 0.22    | 0.17    | 0.14       | 76.56   | ppb   |
| Cadmium    | 106-1 | -2.84   | -0.74   | -1.14   | -1.58      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.08    | -0.03   | 0.07       | 144.13  | ppb   |
| Calcium    | 43-1  | 24.46   | 24.59   | 24.62   | 24.56      | 0.36    | ppb   |
| Calcium    | 44-1  | 21.43   | 20.75   | 19.85   | 20.68      | 3.84    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.26    | 0.25    | 0.23    | 0.25       | 4.53    | ppb   |
| Cobalt     | 59-2  | 0.25    | 0.26    | 0.24    | 0.25       | 3.24    | ppb   |
| Copper     | 63-2  | 0.51    | 0.47    | 0.52    | 0.50       | 5.79    | 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 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 14.69   | 14.05   | 10.68   | 13.14      | 16.39   | ppb   |
| Iron       | 56-2  | 13.72   | 13.32   | 13.83   | 13.63      | 1.97    | ppb   |
| Iron       | 57-2  | 13.78   | 13.87   | 11.90   | 13.18      | 8.43    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.24    | 0.26    | 0.27    | 0.26       | 5.07    | ppb   |
| Lead       | 207-1 | 0.24    | 0.25    | 0.25    | 0.25       | 1.07    | ppb   |
| Lead       | 208-1 | 0.25    | 0.26    | 0.26    | 0.25       | 1.99    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 27.15   | 28.35   | 27.34   | 27.61      | 2.35    | ppb   |
| Manganese  | 55-2  | 0.50    | 0.45    | 0.48    | 0.48       | 4.74    | ppb   |
| Molybdenum | 94-1  | 0.64    | 0.57    | 0.69    | 0.63       | 8.94    | ppb   |
| Molybdenum | 95-1  | 0.27    | 0.26    | 0.27    | 0.26       | 2.00    | ppb   |
| Molybdenum | 96-1  | 0.29    | 0.28    | 0.28    | 0.28       | 2.69    | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.30    | 0.31    | 0.29       | 10.65   | ppb   |
| Molybdenum | 98-1  | 0.23    | 0.23    | 0.25    | 0.24       | 5.08    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.32    | 0.32    | 0.31       | 5.21    | ppb   |
| Phosphorus | 31-2  | 2.53    | 11.13   | -9.86   | 1.27       | 832.71  | ppb   |
| Potassium  | 39-2  | 3.72    | 3.95    | 6.84    | 4.84       | 36.03   | ppb   |
| Rhodium    | 103-1 |         |         |         | 107        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 82-1  | 1.12    | 0.39    | -0.52   | 0.33       | 248.65  | ppb   |
| Selenium   | 77-2  | -0.17   | 0.82    | 0.81    | 0.49       | 116.05  | ppb   |
| Selenium   | 78-2  | 0.64    | -0.06   | 0.19    | 0.26       | 138.65  | ppb   |
| Silicon    | 28-1  | -1.85   | -0.99   | -1.35   | -1.40      |         | ppb   |
| Silver     | 107-1 | 0.27    | 0.29    | 0.27    | 0.27       | 3.58    | ppb   |
| Silver     | 109-1 | 0.29    | 0.28    | 0.28    | 0.28       | 1.66    | ppb   |
| Sodium     | 23-2  | 27.24   | 25.52   | 27.72   | 26.83      | 4.30    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.13    | 0.27    | 0.13       | 113.81  | ppb   |
| Strontium  | 88-1  | 0.27    | 0.25    | 0.25    | 0.26       | 2.52    | ppb   |
| Sulfur     | 34-1  | -940.01 | -676.20 | -941.89 | -852.70    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.23    | 0.16    | 0.25    | 0.21       | 21.75   | ppb   |
| Thallium   | 205-1 | 0.23    | 0.20    | 0.23    | 0.22       | 6.13    | ppb   |
| Tin        | 118-1 | 0.25    | 0.19    | 0.21    | 0.22       | 15.05   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.23    | 0.19    | 0.22    | 0.21       | 10.18   | ppb   |
| Uranium   | 238-1 | 0.24    | 0.21    | 0.25    | 0.23       | 7.54    | ppb   |
| Vanadium  | 51-2  | 0.25    | 0.26    | 0.22    | 0.24       | 7.84    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.57    | 0.58    | 0.45    | 0.54       | 13.08   | ppb   |
| Zirconium | 90-1  | 0.24    | 0.22    | 0.22    | 0.23       | 5.50    | ppb   |
| Zirconium | 91-1  | 0.27    | 0.22    | 0.29    | 0.26       | 14.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.97    | 1.08    | 1.05    | 1.03       | 5.65    | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 26.04   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.63    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 0.89    | 1.05    | 1.03    | 0.99       | 8.75    | ppb   |
| Boron      | 11-1  | 1.02    | 1.06    | 1.13    | 1.07       | 5.23    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.03    | -0.31   | -0.29   | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -0.03   | -3.85   | -3.91   | -2.60      |         | ppb   |
| Cadmium    | 108-1 | -0.64   | -0.07   | -0.43   | -0.38      |         | ppb   |
| Calcium    | 43-1  | 0.85    | 0.30    | 1.01    | 0.72       | 52.02   | ppb   |
| Calcium    | 44-1  | -4.78   | -2.84   | -3.57   | -3.73      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | 0.05    | -0.01   | 0.02       | 162.31  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.01       | 75.54   | ppb   |
| Copper     | 63-2  | 0.03    | 0.01    | 0.00    | 0.01       | 94.19   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | -0.40   | 0.55    | -0.07   | 0.03       | 1912.19 | ppb   |
| Iron       | 56-2  | -0.05   | 0.32    | -0.08   | 0.06       | 353.34  | ppb   |
| Iron       | 57-2  | -0.84   | 1.29    | 0.23    | 0.22       | 474.35  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01     | 0.01    | 0.03    | 0.02       | 80.30   | ppb   |
| Lead       | 207-1 | 0.01     | 0.02    | 0.04    | 0.03       | 52.80   | ppb   |
| Lead       | 208-1 | 0.02     | 0.03    | 0.03    | 0.03       | 24.19   | ppb   |
| Lithium    | 6-1   |          |         |         | 107        |         | %     |
| Magnesium  | 24-2  | -0.01    | 0.43    | 0.56    | 0.33       | 91.01   | ppb   |
| Manganese  | 55-2  | -0.02    | 0.01    | 0.03    | 0.01       | 376.78  | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.03    | 0.02    | 0.02       | 52.68   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.01    | 0.01       | 21.89   | ppb   |
| Molybdenum | 96-1  | -0.02    | 0.02    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.00    | 0.01    | 0.01       | 36.94   | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01   | 0.02    | 0.00       | 505.92  | ppb   |
| Phosphorus | 31-2  | -11.38   | -4.80   | -3.98   | -6.72      |         | ppb   |
| Potassium  | 39-2  | -5.79    | -9.79   | -8.56   | -8.05      |         | ppb   |
| Rhodium    | 103-1 |          |         |         | 105        |         | %     |
| Rhodium    | 103-2 |          |         |         | 99         |         | %     |
| Scandium   | 45-1  |          |         |         | 109        |         | %     |
| Scandium   | 45-2  |          |         |         | 102        |         | %     |
| Selenium   | 82-1  | -0.43    | 1.55    | 0.44    | 0.52       | 190.66  | ppb   |
| Selenium   | 77-2  | -0.17    | 0.32    | 0.82    | 0.33       | 151.31  | ppb   |
| Selenium   | 78-2  | 0.54     | -0.05   | -0.18   | 0.10       | 371.98  | ppb   |
| Silicon    | 28-1  | -1.71    | 0.03    | -0.88   | -0.85      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 28.43   | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01    | 0.01       | 49.06   | ppb   |
| Sodium     | 23-2  | 0.63     | 2.23    | 1.73    | 1.53       | 53.30   | ppb   |
| Strontium  | 86-1  | -0.12    | -0.05   | -0.36   | -0.18      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1012.70 | -421.36 | -645.51 | -693.19    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 106        |         | %     |
| Terbium    | 159-2 |          |         |         | 102        |         | %     |
| Thallium   | 203-1 | -0.02    | -0.01   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04    | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.01    | 0.01    | 0.01    | 0.01       | 44.25   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | -0.03   | -0.07   | -0.02   | -0.04      |         | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51440.11  | 51704.46  | 50288.50  | 51144.35   | 1.47    | ppb   |
| Antimony   | 121-1 | 486.44    | 516.70    | 484.76    | 495.97     | 3.62    | ppb   |
| Arsenic    | 75-2  | 469.77    | 491.18    | 477.64    | 479.53     | 2.26    | ppb   |
| Barium     | 135-1 | 2413.42   | 2578.87   | 2452.05   | 2481.45    | 3.49    | ppb   |
| Barium     | 137-1 | 2422.20   | 2612.17   | 2441.23   | 2491.86    | 4.20    | ppb   |
| Beryllium  | 9-1   | 479.61    | 496.94    | 480.07    | 485.54     | 2.03    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 396.62    | 413.12    | 419.05    | 409.60     | 2.84    | ppb   |
| Boron      | 11-1  | 391.20    | 415.72    | 405.51    | 404.15     | 3.05    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 481.59    | 489.50    | 481.93    | 484.34     | 0.92    | ppb   |
| Cadmium    | 106-1 | 477.45    | 489.79    | 472.61    | 479.95     | 1.85    | ppb   |
| Cadmium    | 108-1 | 473.97    | 502.86    | 489.72    | 488.85     | 2.96    | ppb   |
| Calcium    | 43-1  | 233981.01 | 237165.29 | 236895.65 | 236013.98  | 0.75    | ppb   |
| Calcium    | 44-1  | 240365.44 | 247098.94 | 241416.96 | 242960.45  | 1.49    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 507.99    | 502.82    | 502.53    | 504.44     | 0.61    | ppb   |
| Cobalt     | 59-2  | 479.04    | 489.26    | 490.31    | 486.20     | 1.28    | ppb   |
| Copper     | 63-2  | 5081.30   | 5131.73   | 5084.41   | 5099.15    | 0.55    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 114        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 105        |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 54-2  | 127273.02 | 130670.11 | 128354.40 | 128765.84  | 1.35    | ppb   |
| Iron       | 56-2  | 126733.15 | 130041.28 | 129214.62 | 128663.02  | 1.34    | ppb   |
| Iron       | 57-2  | 128751.02 | 126878.29 | 124292.70 | 126640.67  | 1.77    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2538.38   | 2481.48   | 2638.87   | 2552.91    | 3.12    | ppb   |
| Lead       | 207-1 | 2549.09   | 2558.41   | 2646.99   | 2584.83    | 2.09    | ppb   |
| Lead       | 208-1 | 2493.99   | 2569.53   | 2615.63   | 2559.71    | 2.40    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 257259.11 | 260807.88 | 245455.53 | 254507.51  | 3.16    | ppb   |
| Manganese  | 55-2  | 4945.94   | 4889.11   | 4921.49   | 4918.85    | 0.58    | ppb   |
| Molybdenum | 94-1  | 4753.74   | 5184.54   | 4942.29   | 4960.19    | 4.35    | ppb   |
| Molybdenum | 95-1  | 4820.94   | 5064.29   | 4928.52   | 4937.92    | 2.47    | ppb   |
| Molybdenum | 96-1  | 4724.48   | 5057.15   | 4890.48   | 4890.71    | 3.40    | ppb   |
| Molybdenum | 97-1  | 4738.28   | 5199.94   | 4834.81   | 4924.34    | 4.94    | ppb   |
| Molybdenum | 98-1  | 4908.86   | 5263.58   | 4976.15   | 5049.53    | 3.73    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 507.55    | 509.74    | 501.19    | 506.16     | 0.88    | ppb   |
| Phosphorus | 31-2  | 10113.70  | 10217.64  | 9682.57   | 10004.64   | 2.84    | ppb   |
| Potassium  | 39-2  | 126207.14 | 125652.67 | 122338.31 | 124732.71  | 1.68    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 82-1  | 470.05    | 501.14    | 487.58    | 486.25     | 3.21    | ppb   |
| Selenium   | 77-2  | 502.35    | 516.06    | 483.92    | 500.78     | 3.22    | ppb   |
| Selenium   | 78-2  | 489.08    | 502.89    | 497.65    | 496.54     | 1.40    | ppb   |
| Silicon    | 28-1  | 352.63    | 359.35    | 364.39    | 358.79     | 1.65    | ppb   |
| Silver     | 107-1 | 452.24    | 489.07    | 464.69    | 468.67     | 4.00    | ppb   |
| Silver     | 109-1 | 477.37    | 491.32    | 464.96    | 477.88     | 2.76    | ppb   |
| Sodium     | 23-2  | 259955.59 | 253192.29 | 244671.97 | 252606.62  | 3.03    | ppb   |
| Strontium  | 86-1  | 510.38    | 518.52    | 504.44    | 511.11     | 1.38    | ppb   |
| Strontium  | 88-1  | 496.72    | 509.69    | 505.77    | 504.06     | 1.32    | ppb   |
| Sulfur     | 34-1  | 8831.29   | 8881.31   | 8722.83   | 8811.81    | 0.92    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 523.25    | 516.42    | 538.89    | 526.19     | 2.19    | ppb   |
| Thallium   | 205-1 | 503.39    | 504.82    | 541.39    | 516.53     | 4.17    | ppb   |
| Tin        | 118-1 | 481.47    | 528.49    | 492.61    | 500.86     | 4.91    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4879.00 | 4945.06 | 5019.11 | 4947.72    | 1.42    | ppb   |
| Uranium   | 238-1 | 510.28  | 536.97  | 561.45  | 536.23     | 4.77    | ppb   |
| Vanadium  | 51-2  | 491.02  | 492.74  | 489.21  | 490.99     | 0.36    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 4941.11 | 5141.22 | 4979.14 | 5020.49    | 2.12    | ppb   |
| Zirconium | 90-1  | 481.09  | 507.90  | 495.18  | 494.72     | 2.71    | ppb   |
| Zirconium | 91-1  | 480.67  | 512.43  | 506.06  | 499.72     | 3.36    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:56:57 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.93    | 1.83    | 1.60    | 1.78       | 9.53    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.14    | 0.11       | 29.54   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.04    | 0.00    | 0.02       | 100.91  | ppb   |
| Barium     | 135-1 | 0.08    | 0.09    | 0.06    | 0.08       | 16.14   | ppb   |
| Barium     | 137-1 | 0.10    | 0.08    | 0.08    | 0.09       | 9.40    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.02    | 0.03    | 0.02       | 14.52   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 18.05   | 16.72   | 17.64   | 17.47      | 3.88    | ppb   |
| Boron      | 11-1  | 17.97   | 17.07   | 17.21   | 17.42      | 2.77    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.16   | -0.25   | -0.29   | -0.23      |         | ppb   |
| Cadmium    | 106-1 | -2.53   | -3.73   | -3.86   | -3.37      |         | ppb   |
| Cadmium    | 108-1 | -0.34   | -0.31   | -0.02   | -0.22      |         | ppb   |
| Calcium    | 43-1  | 9.16    | 7.29    | 7.54    | 7.99       | 12.68   | ppb   |
| Calcium    | 44-1  | 4.84    | 3.21    | 3.28    | 3.78       | 24.34   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.01    | 0.04       | 70.98   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 34.55   | ppb   |
| Copper     | 63-2  | 0.19    | 0.17    | 0.22    | 0.19       | 11.88   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 54-2  | 4.21    | 4.53    | 4.68    | 4.47       | 5.38    | ppb   |
| Iron       | 56-2  | 4.24    | 3.83    | 4.14    | 4.07       | 5.27    | ppb   |
| Iron       | 57-2  | 3.44    | 4.27    | 3.36    | 3.69       | 13.75   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:56:57 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Krypton    | 83-1  |          |          |          |            |          | cps   |
| Lead       | 206-1 | 0.09     | 0.10     | 0.10     | 0.10       | 4.33     | ppb   |
| Lead       | 207-1 | 0.13     | 0.14     | 0.14     | 0.14       | 2.22     | ppb   |
| Lead       | 208-1 | 0.12     | 0.12     | 0.11     | 0.11       | 3.28     | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |          | %     |
| Magnesium  | 24-2  | 8.86     | 8.95     | 9.12     | 8.98       | 1.47     | ppb   |
| Manganese  | 55-2  | 0.14     | 0.14     | 0.15     | 0.14       | 1.27     | ppb   |
| Molybdenum | 94-1  | 0.27     | 0.22     | 0.21     | 0.23       | 12.74    | ppb   |
| Molybdenum | 95-1  | 0.23     | 0.24     | 0.20     | 0.22       | 10.10    | ppb   |
| Molybdenum | 96-1  | 0.21     | 0.20     | 0.18     | 0.19       | 8.54     | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.21     | 0.20     | 0.22       | 5.87     | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.20     | 0.17     | 0.21       | 23.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 0.01     | 0.02     | 0.00     | 0.01       | 56.29    | ppb   |
| Phosphorus | 31-2  | 12.25    | 4.90     | -7.33    | 3.27       | 302.24   | ppb   |
| Potassium  | 39-2  | -11.82   | -7.37    | -3.91    | -7.70      |          | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |          | %     |
| Rhodium    | 103-2 |          |          |          | 99         |          | %     |
| Scandium   | 45-1  |          |          |          | 107        |          | %     |
| Scandium   | 45-2  |          |          |          | 99         |          | %     |
| Selenium   | 82-1  | 0.04     | -0.07    | 0.28     | 0.09       | 207.60   | ppb   |
| Selenium   | 77-2  | 0.34     | -0.17    | -0.17    | 0.00       | 16320.97 | ppb   |
| Selenium   | 78-2  | -0.39    | 0.16     | -0.71    | -0.31      |          | ppb   |
| Silicon    | 28-1  | -1.35    | -1.27    | -0.63    | -1.08      |          | ppb   |
| Silver     | 107-1 | 0.06     | 0.04     | 0.07     | 0.06       | 21.17    | ppb   |
| Silver     | 109-1 | 0.06     | 0.04     | 0.05     | 0.05       | 18.96    | ppb   |
| Sodium     | 23-2  | 17.77    | 17.52    | 18.67    | 17.98      | 3.37     | ppb   |
| Strontium  | 86-1  | 0.01     | -0.20    | -0.42    | -0.20      |          | ppb   |
| Strontium  | 88-1  | 0.02     | 0.01     | 0.01     | 0.01       | 54.62    | ppb   |
| Sulfur     | 34-1  | -1287.86 | -1401.98 | -1279.24 | -1323.02   |          | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |          | %     |
| Terbium    | 159-2 |          |          |          | 103        |          | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 14.39    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 45.83    | ppb   |
| Tin        | 118-1 | -0.04    | 0.00     | -0.04    | -0.03      |          | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:56:57 | DataFile Name :   | 038CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.20    | 0.17    | 0.14    | 0.17       | 18.93   | ppb   |
| Uranium   | 238-1 | 0.02    | 0.01    | 0.02    | 0.01       | 33.88   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 28.61   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 0.15    | 0.31    | 0.17    | 0.21       | 39.38   | ppb   |
| Zirconium | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 32.49   | ppb   |
| Zirconium | 91-1  | 0.04    | 0.02    | 0.00    | 0.02       | 98.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 69.45     | 79.59     | 82.20     | 77.08      | 8.74    | ppb   |
| Antimony   | 121-1 | 0.18      | 0.22      | 0.21      | 0.20       | 11.42   | ppb   |
| Arsenic    | 75-2  | 0.12      | 0.14      | 0.15      | 0.14       | 11.36   | ppb   |
| Barium     | 135-1 | 106.61    | 103.50    | 102.10    | 104.07     | 2.22    | ppb   |
| Barium     | 137-1 | 108.46    | 103.04    | 101.55    | 104.35     | 3.48    | ppb   |
| Beryllium  | 9-1   | 0.01      | 0.01      | 0.01      | 0.01       | 4.36    | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 220.33    | 217.76    | 235.80    | 224.63     | 4.35    | ppb   |
| Boron      | 11-1  | 224.53    | 214.37    | 245.53    | 228.14     | 6.97    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | -0.13     | -0.12     | -0.13     | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.57     | -2.42     | -2.27     | -2.42      |         | ppb   |
| Cadmium    | 108-1 | -0.74     | -0.67     | -0.50     | -0.64      |         | ppb   |
| Calcium    | 43-1  | 156203.23 | 153288.43 | 155853.18 | 155114.94  | 1.03    | ppb   |
| Calcium    | 44-1  | 150255.04 | 151315.04 | 152627.75 | 151399.28  | 0.79    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 30.74     | 34.33     | 34.55     | 33.21      | 6.45    | ppb   |
| Cobalt     | 59-2  | 0.18      | 0.18      | 0.19      | 0.18       | 4.88    | ppb   |
| Copper     | 63-2  | 1.24      | 1.38      | 1.37      | 1.33       | 6.11    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 54-2  | 242.98    | 277.10    | 273.38    | 264.49     | 7.08    | ppb   |
| Iron       | 56-2  | 221.95    | 253.99    | 255.60    | 243.85     | 7.78    | ppb   |
| Iron       | 57-2  | 336.94    | 397.70    | 390.22    | 374.95     | 8.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 0.27       | 0.25       | 0.23       | 0.25       | 8.80    | ppb   |
| Lead       | 207-1 | 0.25       | 0.24       | 0.20       | 0.23       | 12.55   | ppb   |
| Lead       | 208-1 | 0.25       | 0.23       | 0.20       | 0.23       | 10.29   | ppb   |
| Lithium    | 6-1   |            |            |            | 99         |         | %     |
| Magnesium  | 24-2  | 23243.29   | 26432.82   | 26885.19   | 25520.43   | 7.78    | ppb   |
| Manganese  | 55-2  | 9.03       | 10.16      | 10.43      | 9.87       | 7.52    | ppb   |
| Molybdenum | 94-1  | 1.06       | 1.21       | 1.07       | 1.11       | 7.32    | ppb   |
| Molybdenum | 95-1  | 1.08       | 1.11       | 1.11       | 1.10       | 1.45    | ppb   |
| Molybdenum | 96-1  | 1.02       | 1.08       | 1.01       | 1.03       | 3.91    | ppb   |
| Molybdenum | 97-1  | 1.23       | 1.12       | 1.09       | 1.15       | 6.32    | ppb   |
| Molybdenum | 98-1  | 1.06       | 1.02       | 1.10       | 1.06       | 3.85    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 1.46       | 1.62       | 1.69       | 1.59       | 7.55    | ppb   |
| Phosphorus | 31-2  | 12.00      | 1.34       | 6.45       | 6.60       | 80.80   | ppb   |
| Potassium  | 39-2  | 5387.51    | 5922.89    | 6039.48    | 5783.29    | 6.01    | ppb   |
| Rhodium    | 103-1 |            |            |            | 88         |         | %     |
| Rhodium    | 103-2 |            |            |            | 89         |         | %     |
| Scandium   | 45-1  |            |            |            | 100        |         | %     |
| Scandium   | 45-2  |            |            |            | 100        |         | %     |
| Selenium   | 82-1  | 1.59       | 2.40       | 1.08       | 1.69       | 39.43   | ppb   |
| Selenium   | 77-2  | 0.78       | 0.35       | 1.40       | 0.84       | 62.93   | ppb   |
| Selenium   | 78-2  | 0.12       | 1.77       | 0.82       | 0.91       | 91.49   | ppb   |
| Silicon    | 28-1  | 653.25     | 648.72     | 677.49     | 659.82     | 2.34    | ppb   |
| Silver     | 107-1 | 0.15       | 0.11       | 0.10       | 0.12       | 22.26   | ppb   |
| Silver     | 109-1 | 0.14       | 0.12       | 0.08       | 0.11       | 25.34   | ppb   |
| Sodium     | 23-2  | 1227017.45 | 1394122.45 | 1383581.59 | 1334907.16 | 7.01    | ppb   |
| Strontium  | 86-1  | 912.84     | 892.34     | 866.21     | 890.46     | 2.63    | ppb   |
| Strontium  | 88-1  | 874.30     | 877.77     | 849.82     | 867.30     | 1.76    | ppb   |
| Sulfur     | 34-1  | 8539.78    | 8346.81    | 8477.32    | 8454.64    | 1.16    | ppb   |
| Terbium    | 159-1 |            |            |            | 102        |         | %     |
| Terbium    | 159-2 |            |            |            | 104        |         | %     |
| Thallium   | 203-1 | 0.11       | 0.11       | 0.10       | 0.11       | 6.70    | ppb   |
| Thallium   | 205-1 | 0.10       | 0.08       | 0.11       | 0.10       | 16.61   | ppb   |
| Tin        | 118-1 | 0.59       | 0.69       | 0.61       | 0.63       | 8.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4.08    | 4.05    | 4.79    | 4.30       | 9.77    | ppb   |
| Uranium   | 238-1 | 0.47    | 0.47    | 0.44    | 0.46       | 3.52    | ppb   |
| Vanadium  | 51-2  | 0.73    | 0.79    | 0.85    | 0.79       | 7.17    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 1.26    | 1.53    | 1.45    | 1.41       | 9.63    | ppb   |
| Zirconium | 90-1  | 0.10    | 0.08    | 0.10    | 0.09       | 8.94    | ppb   |
| Zirconium | 91-1  | 0.12    | 0.11    | 0.08    | 0.10       | 19.10   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-2R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:02:53 | DataFile Name :   | 040AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 145.96    | 144.38    | 154.57    | 148.30     | 3.70    | ppb   |
| Antimony   | 121-1 | 0.08      | 0.07      | 0.07      | 0.07       | 8.39    | ppb   |
| Arsenic    | 75-2  | 1.10      | 1.02      | 1.07      | 1.06       | 4.23    | ppb   |
| Barium     | 135-1 | 259.44    | 253.17    | 248.64    | 253.75     | 2.14    | ppb   |
| Barium     | 137-1 | 268.88    | 256.84    | 256.90    | 260.87     | 2.66    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.03      | 0.03      | 0.03       | 16.05   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 10-1  | 40.62     | 38.97     | 37.15     | 38.91      | 4.46    | ppb   |
| Boron      | 11-1  | 41.37     | 40.77     | 39.44     | 40.53      | 2.43    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | -0.05     | 0.04      | -0.02     | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -2.03     | -0.56     | -1.45     | -1.35      |         | ppb   |
| Cadmium    | 108-1 | -0.77     | -0.80     | -0.78     | -0.78      |         | ppb   |
| Calcium    | 43-1  | 224482.75 | 225518.38 | 223104.04 | 224368.39  | 0.54    | ppb   |
| Calcium    | 44-1  | 225050.37 | 220256.26 | 221759.00 | 222355.21  | 1.10    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 1.17      | 1.21      | 1.16      | 1.18       | 2.51    | ppb   |
| Cobalt     | 59-2  | 0.66      | 0.68      | 0.68      | 0.68       | 1.93    | ppb   |
| Copper     | 63-2  | 1.07      | 1.03      | 1.07      | 1.06       | 2.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 54-2  | 182367.57 | 188497.20 | 188777.97 | 186547.58  | 1.94    | ppb   |
| Iron       | 56-2  | 188983.61 | 188312.91 | 185766.14 | 187687.55  | 0.90    | ppb   |
| Iron       | 57-2  | 186104.71 | 183532.01 | 185974.36 | 185203.69  | 0.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-2R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:02:53 | DataFile Name :   | 040AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.36      | 0.34      | 0.36      | 0.35       | 3.91    | ppb   |
| Lead       | 207-1 | 0.38      | 0.36      | 0.33      | 0.35       | 7.42    | ppb   |
| Lead       | 208-1 | 0.38      | 0.34      | 0.34      | 0.35       | 6.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 15294.48  | 15551.64  | 15532.67  | 15459.59   | 0.93    | ppb   |
| Manganese  | 55-2  | 4070.31   | 4248.67   | 4179.30   | 4166.09    | 2.16    | ppb   |
| Molybdenum | 94-1  | 1.54      | 1.57      | 1.58      | 1.56       | 1.34    | ppb   |
| Molybdenum | 95-1  | 1.14      | 1.20      | 1.13      | 1.16       | 3.33    | ppb   |
| Molybdenum | 96-1  | 5.49      | 5.35      | 5.23      | 5.36       | 2.42    | ppb   |
| Molybdenum | 97-1  | 1.18      | 1.15      | 1.22      | 1.18       | 2.98    | ppb   |
| Molybdenum | 98-1  | 0.96      | 1.01      | 0.99      | 0.99       | 2.71    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.88      | 2.95      | 2.94      | 2.92       | 1.34    | ppb   |
| Phosphorus | 31-2  | 1121.64   | 1263.49   | 1206.23   | 1197.12    | 5.96    | ppb   |
| Potassium  | 39-2  | 20837.46  | 20682.24  | 21478.80  | 20999.50   | 2.01    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 82-1  | 2.54      | 0.82      | 1.16      | 1.50       | 60.48   | ppb   |
| Selenium   | 77-2  | -0.17     | -0.17     | 1.35      | 0.34       | 257.71  | ppb   |
| Selenium   | 78-2  | -0.75     | -0.25     | -1.08     | -0.70      |         | ppb   |
| Silicon    | 28-1  | 2605.24   | 2576.94   | 2537.61   | 2573.27    | 1.32    | ppb   |
| Silver     | 107-1 | 0.04      | 0.03      | 0.04      | 0.04       | 19.81   | ppb   |
| Silver     | 109-1 | 0.04      | 0.04      | 0.03      | 0.04       | 16.77   | ppb   |
| Sodium     | 23-2  | 278347.05 | 283742.37 | 282198.45 | 281429.29  | 0.99    | ppb   |
| Strontium  | 86-1  | 1274.10   | 1246.67   | 1231.47   | 1250.75    | 1.73    | ppb   |
| Strontium  | 88-1  | 1288.78   | 1253.73   | 1205.11   | 1249.21    | 3.36    | ppb   |
| Sulfur     | 34-1  | 12762.87  | 11999.47  | 11900.15  | 12220.83   | 3.86    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 0.10      | 0.10      | 0.11      | 0.10       | 4.51    | ppb   |
| Thallium   | 205-1 | 0.10      | 0.08      | 0.07      | 0.08       | 16.79   | ppb   |
| Tin        | 118-1 | 0.75      | 0.75      | 0.76      | 0.75       | 1.16    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-2R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:02:53 | DataFile Name :   | 040AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.91    | 5.76    | 5.64    | 5.77       | 2.33    | ppb   |
| Uranium   | 238-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.53    | ppb   |
| Vanadium  | 51-2  | 0.72    | 0.74    | 0.68    | 0.71       | 3.88    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 11.12   | 11.03   | 11.30   | 11.15      | 1.27    | ppb   |
| Zirconium | 90-1  | 0.27    | 0.18    | 0.17    | 0.20       | 27.11   | ppb   |
| Zirconium | 91-1  | 0.16    | 0.15    | 0.15    | 0.15       | 3.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-3R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:05:51 | DataFile Name :   | 041AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 378.42    | 358.56    | 373.74    | 370.24     | 2.81    | ppb   |
| Antimony   | 121-1 | 0.25      | 0.36      | 0.38      | 0.33       | 20.06   | ppb   |
| Arsenic    | 75-2  | 0.84      | 0.77      | 0.81      | 0.81       | 4.84    | ppb   |
| Barium     | 135-1 | 173.14    | 170.72    | 175.20    | 173.02     | 1.30    | ppb   |
| Barium     | 137-1 | 170.69    | 172.75    | 175.64    | 173.03     | 1.44    | ppb   |
| Beryllium  | 9-1   | 0.02      | 0.01      | 0.01      | 0.01       | 28.21   | ppb   |
| Bismuth    | 209-1 |           |           |           | 79         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 238.06    | 243.20    | 252.02    | 244.43     | 2.89    | ppb   |
| Boron      | 11-1  | 241.09    | 254.70    | 256.15    | 250.65     | 3.31    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.05      | 0.05      | 0.09      | 0.06       | 34.06   | ppb   |
| Cadmium    | 106-1 | -1.69     | -0.93     | -0.93     | -1.18      |         | ppb   |
| Cadmium    | 108-1 | -0.29     | -0.50     | -0.27     | -0.36      |         | ppb   |
| Calcium    | 43-1  | 325445.15 | 320298.90 | 316568.19 | 320770.75  | 1.39    | ppb   |
| Calcium    | 44-1  | 309656.24 | 320393.58 | 321701.47 | 317250.43  | 2.08    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 1.21      | 1.07      | 1.19      | 1.16       | 6.34    | ppb   |
| Cobalt     | 59-2  | 0.50      | 0.49      | 0.52      | 0.50       | 3.28    | ppb   |
| Copper     | 63-2  | 12.63     | 11.71     | 12.19     | 12.18      | 3.78    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 54-2  | 839.37    | 805.44    | 829.99    | 824.93     | 2.12    | ppb   |
| Iron       | 56-2  | 896.13    | 855.69    | 879.47    | 877.10     | 2.32    | ppb   |
| Iron       | 57-2  | 1088.35   | 1072.88   | 1115.28   | 1092.17    | 1.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-3R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:05:51 | DataFile Name :   | 041AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 0.59       | 0.53       | 0.52       | 0.55       | 7.36    | ppb   |
| Lead       | 207-1 | 0.54       | 0.51       | 0.58       | 0.54       | 6.09    | ppb   |
| Lead       | 208-1 | 0.57       | 0.54       | 0.53       | 0.55       | 4.06    | ppb   |
| Lithium    | 6-1   |            |            |            | 96         |         | %     |
| Magnesium  | 24-2  | 27707.79   | 27333.87   | 28160.65   | 27734.10   | 1.49    | ppb   |
| Manganese  | 55-2  | 53.14      | 50.88      | 52.68      | 52.23      | 2.28    | ppb   |
| Molybdenum | 94-1  | 4.04       | 3.46       | 3.61       | 3.71       | 8.16    | ppb   |
| Molybdenum | 95-1  | 4.00       | 3.55       | 3.81       | 3.78       | 5.96    | ppb   |
| Molybdenum | 96-1  | 3.95       | 3.70       | 3.70       | 3.78       | 3.83    | ppb   |
| Molybdenum | 97-1  | 3.94       | 3.74       | 3.80       | 3.82       | 2.63    | ppb   |
| Molybdenum | 98-1  | 3.95       | 3.74       | 3.77       | 3.82       | 3.03    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 2.60       | 2.59       | 2.61       | 2.60       | 0.38    | ppb   |
| Phosphorus | 31-2  | 16.49      | 11.10      | 7.05       | 11.54      | 41.03   | ppb   |
| Potassium  | 39-2  | 5213.50    | 5037.69    | 5103.71    | 5118.30    | 1.74    | ppb   |
| Rhodium    | 103-1 |            |            |            | 83         |         | %     |
| Rhodium    | 103-2 |            |            |            | 83         |         | %     |
| Scandium   | 45-1  |            |            |            | 100        |         | %     |
| Scandium   | 45-2  |            |            |            | 99         |         | %     |
| Selenium   | 82-1  | -1.47      | -0.30      | -0.27      | -0.68      |         | ppb   |
| Selenium   | 77-2  | 2.92       | 1.32       | 0.34       | 1.53       | 85.11   | ppb   |
| Selenium   | 78-2  | 0.32       | -0.06      | 0.67       | 0.31       | 118.14  | ppb   |
| Silicon    | 28-1  | 1769.69    | 1789.85    | 1823.71    | 1794.42    | 1.52    | ppb   |
| Silver     | 107-1 | 0.08       | 0.08       | 0.09       | 0.08       | 3.07    | ppb   |
| Silver     | 109-1 | 0.08       | 0.08       | 0.10       | 0.09       | 11.32   | ppb   |
| Sodium     | 23-2  | 2099534.61 | 1937521.88 | 2002579.37 | 2013211.96 | 4.05    | ppb   |
| Strontium  | 86-1  | 2527.44    | 2464.08    | 2390.06    | 2460.53    | 2.79    | ppb   |
| Strontium  | 88-1  | 2467.47    | 2420.97    | 2449.06    | 2445.83    | 0.96    | ppb   |
| Sulfur     | 34-1  | 11088.99   | 10996.55   | 10835.29   | 10973.61   | 1.17    | ppb   |
| Terbium    | 159-1 |            |            |            | 98         |         | %     |
| Terbium    | 159-2 |            |            |            | 99         |         | %     |
| Thallium   | 203-1 | 0.12       | 0.15       | 0.19       | 0.15       | 24.61   | ppb   |
| Thallium   | 205-1 | 0.14       | 0.14       | 0.17       | 0.15       | 10.60   | ppb   |
| Tin        | 118-1 | 0.65       | 0.82       | 0.78       | 0.75       | 12.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-3R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:05:51 | DataFile Name :   | 041AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 15.39   | 15.89   | 15.12   | 15.47      | 2.54    | ppb   |
| Uranium   | 238-1 | 1.75    | 1.81    | 1.77    | 1.77       | 1.74    | ppb   |
| Vanadium  | 51-2  | 7.36    | 7.09    | 7.41    | 7.29       | 2.36    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 96         |         | %     |
| Zinc      | 66-2  | 1.58    | 1.81    | 1.65    | 1.68       | 7.12    | ppb   |
| Zirconium | 90-1  | 0.33    | 0.34    | 0.36    | 0.34       | 4.25    | ppb   |
| Zirconium | 91-1  | 0.33    | 0.31    | 0.37    | 0.34       | 9.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.51   | 85.10   | 84.54   | 84.38      | 0.95    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.03       | 10.90   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | -0.01   | 0.01       | 194.25  | ppb   |
| Barium     | 135-1 | 1.32    | 1.37    | 1.24    | 1.31       | 4.93    | ppb   |
| Barium     | 137-1 | 1.28    | 1.44    | 1.26    | 1.33       | 7.21    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 66.80   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 23.45   | 23.00   | 20.25   | 22.24      | 7.80    | ppb   |
| Boron      | 11-1  | 24.49   | 23.25   | 21.62   | 23.12      | 6.25    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.16   | 0.04    | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -3.01   | -0.87   | -1.85   | -1.91      |         | ppb   |
| Cadmium    | 108-1 | -0.66   | -0.68   | -0.79   | -0.71      |         | ppb   |
| Calcium    | 43-1  | 69.08   | 69.06   | 66.45   | 68.20      | 2.22    | ppb   |
| Calcium    | 44-1  | 64.00   | 67.72   | 66.21   | 65.98      | 2.84    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.10    | 0.05    | 0.06    | 0.07       | 34.60   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.46    | 0.43    | 0.41    | 0.43       | 5.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 6.60    | 6.81    | 7.64    | 7.02       | 7.79    | ppb   |
| Iron       | 56-2  | 7.70    | 7.22    | 6.90    | 7.27       | 5.53    | ppb   |
| Iron       | 57-2  | 7.86    | 7.55    | 8.55    | 7.99       | 6.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.13     | 0.11     | 0.12     | 0.12       | 6.60    | ppb   |
| Lead       | 207-1 | 0.09     | 0.14     | 0.10     | 0.11       | 24.40   | ppb   |
| Lead       | 208-1 | 0.13     | 0.13     | 0.11     | 0.12       | 6.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 6.91     | 7.28     | 7.92     | 7.37       | 6.92    | ppb   |
| Manganese  | 55-2  | 0.40     | 0.35     | 0.39     | 0.38       | 6.70    | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.05     | 0.07     | 0.07       | 36.68   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.04     | 0.03     | 0.04       | 33.00   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.04     | 0.03       | 10.54   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.04     | 0.06     | 0.05       | 26.32   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04     | 0.04     | 0.04       | 2.70    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.16     | 0.14     | 0.16     | 0.15       | 7.24    | ppb   |
| Phosphorus | 31-2  | -22.78   | -6.02    | 13.50    | -5.10      |         | ppb   |
| Potassium  | 39-2  | 29.13    | 26.53    | 26.23    | 27.30      | 5.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 82-1  | -0.14    | -0.13    | -0.05    | -0.11      |         | ppb   |
| Selenium   | 77-2  | -0.17    | 0.31     | -0.17    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.89    | -0.82    | -0.71    | -0.81      |         | ppb   |
| Silicon    | 28-1  | 13.68    | 14.37    | 15.03    | 14.36      | 4.69    | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.02     | 0.03       | 24.88   | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.02     | 0.03       | 14.77   | ppb   |
| Sodium     | 23-2  | 387.62   | 356.57   | 337.07   | 360.42     | 7.07    | ppb   |
| Strontium  | 86-1  | 0.20     | 0.21     | 0.35     | 0.25       | 33.04   | ppb   |
| Strontium  | 88-1  | 0.45     | 0.48     | 0.47     | 0.47       | 2.98    | ppb   |
| Sulfur     | 34-1  | -1102.53 | -1014.70 | -1139.71 | -1085.65   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.09     | 0.05     | 0.08       | 31.25   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.06     | 0.05     | 0.07       | 26.35   | ppb   |
| Tin        | 118-1 | 0.55     | 0.58     | 0.48     | 0.54       | 9.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.18    | 0.14    | 0.18    | 0.17       | 12.91   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 49.05   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.02    | 0.02    | 0.02       | 56.46   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 2.35    | 2.32    | 2.21    | 2.29       | 3.39    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.03    | 0.02    | 0.02       | 53.83   | ppb   |
| Zirconium | 91-1  | 0.02    | -0.01   | 0.00    | 0.00       | 1204.40 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 362.23   | 370.29   | 366.59   | 366.37     | 1.10    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.04     | 0.05     | 0.04       | 22.67   | ppb   |
| Arsenic    | 75-2  | 0.22     | 0.21     | 0.29     | 0.24       | 17.98   | ppb   |
| Barium     | 135-1 | 388.05   | 396.87   | 399.14   | 394.69     | 1.48    | ppb   |
| Barium     | 137-1 | 395.47   | 390.09   | 403.19   | 396.25     | 1.66    | ppb   |
| Beryllium  | 9-1   | 0.15     | 0.17     | 0.16     | 0.16       | 6.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 43.59    | 46.34    | 44.05    | 44.66      | 3.30    | ppb   |
| Boron      | 11-1  | 44.37    | 47.22    | 45.82    | 45.80      | 3.12    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 2.01     | 2.02     | 2.14     | 2.06       | 3.49    | ppb   |
| Cadmium    | 106-1 | -0.53    | -1.10    | 0.05     | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 1.41     | 0.94     | 1.08     | 1.14       | 20.94   | ppb   |
| Calcium    | 43-1  | 70276.92 | 70919.38 | 75063.07 | 72086.46   | 3.60    | ppb   |
| Calcium    | 44-1  | 69344.27 | 70815.17 | 72871.74 | 71010.39   | 2.50    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 38.65    | 39.04    | 38.33    | 38.67      | 0.93    | ppb   |
| Cobalt     | 59-2  | 9.36     | 9.35     | 9.30     | 9.34       | 0.36    | ppb   |
| Copper     | 63-2  | 0.82     | 0.83     | 0.80     | 0.82       | 2.21    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 54-2  | 433.05   | 436.18   | 437.30   | 435.51     | 0.51    | ppb   |
| Iron       | 56-2  | 412.91   | 417.35   | 416.13   | 415.46     | 0.55    | ppb   |
| Iron       | 57-2  | 475.03   | 478.45   | 475.33   | 476.27     | 0.40    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.61      | 0.63      | 0.68      | 0.64       | 5.51    | ppb   |
| Lead       | 207-1 | 0.66      | 0.65      | 0.65      | 0.65       | 0.97    | ppb   |
| Lead       | 208-1 | 0.63      | 0.66      | 0.65      | 0.65       | 1.91    | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 45810.49  | 47307.92  | 48284.82  | 47134.41   | 2.64    | ppb   |
| Manganese  | 55-2  | 445.45    | 449.72    | 444.09    | 446.42     | 0.66    | ppb   |
| Molybdenum | 94-1  | 0.46      | 0.40      | 0.49      | 0.45       | 10.71   | ppb   |
| Molybdenum | 95-1  | 0.28      | 0.24      | 0.30      | 0.27       | 11.19   | ppb   |
| Molybdenum | 96-1  | 0.24      | 0.21      | 0.27      | 0.24       | 11.58   | ppb   |
| Molybdenum | 97-1  | 0.24      | 0.26      | 0.25      | 0.25       | 4.33    | ppb   |
| Molybdenum | 98-1  | 0.24      | 0.22      | 0.22      | 0.23       | 4.08    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 82.33     | 82.73     | 81.69     | 82.25      | 0.64    | ppb   |
| Phosphorus | 31-2  | -0.65     | -6.35     | -9.22     | -5.41      |         | ppb   |
| Potassium  | 39-2  | 3567.97   | 3547.00   | 3574.19   | 3563.06    | 0.40    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 82-1  | 1.49      | 0.97      | 0.57      | 1.01       | 45.25   | ppb   |
| Selenium   | 77-2  | 1.77      | 0.82      | 2.21      | 1.60       | 44.55   | ppb   |
| Selenium   | 78-2  | 1.25      | 1.37      | -0.45     | 0.72       | 141.07  | ppb   |
| Silicon    | 28-1  | 1613.09   | 1549.15   | 1640.39   | 1600.87    | 2.93    | ppb   |
| Silver     | 107-1 | 0.06      | 0.07      | 0.08      | 0.07       | 14.75   | ppb   |
| Silver     | 109-1 | 0.08      | 0.08      | 0.09      | 0.08       | 4.14    | ppb   |
| Sodium     | 23-2  | 312475.07 | 311441.99 | 307249.37 | 310388.81  | 0.89    | ppb   |
| Strontium  | 86-1  | 526.42    | 514.26    | 517.31    | 519.33     | 1.22    | ppb   |
| Strontium  | 88-1  | 510.51    | 515.86    | 507.54    | 511.30     | 0.82    | ppb   |
| Sulfur     | 34-1  | 7091.72   | 6817.27   | 7804.76   | 7237.92    | 7.04    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 0.10      | 0.08      | 0.10      | 0.09       | 12.48   | ppb   |
| Thallium   | 205-1 | 0.09      | 0.07      | 0.10      | 0.09       | 16.31   | ppb   |
| Tin        | 118-1 | 0.52      | 0.59      | 0.57      | 0.56       | 6.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4.85    | 4.76    | 5.21    | 4.94       | 4.88    | ppb   |
| Uranium   | 238-1 | 0.11    | 0.09    | 0.10    | 0.10       | 8.21    | ppb   |
| Vanadium  | 51-2  | 0.54    | 0.54    | 0.54    | 0.54       | 0.76    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 119.20  | 120.59  | 121.15  | 120.31     | 0.84    | ppb   |
| Zirconium | 90-1  | 0.12    | 0.13    | 0.12    | 0.12       | 7.12    | ppb   |
| Zirconium | 91-1  | 0.10    | 0.10    | 0.13    | 0.11       | 15.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9412.40   | 6962.19   | 6852.69   | 7742.43    | 18.69   | ppb   |
| Antimony   | 121-1 | 0.10      | 0.15      | 0.18      | 0.14       | 28.28   | ppb   |
| Arsenic    | 75-2  | 3.51      | 3.06      | 3.14      | 3.24       | 7.38    | ppb   |
| Barium     | 135-1 | 1261.30   | 1251.87   | 1222.67   | 1245.28    | 1.62    | ppb   |
| Barium     | 137-1 | 1248.75   | 1304.65   | 1208.00   | 1253.80    | 3.87    | ppb   |
| Beryllium  | 9-1   | 2.01      | 2.00      | 2.02      | 2.01       | 0.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 86         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 29.96     | 30.92     | 30.69     | 30.52      | 1.64    | ppb   |
| Boron      | 11-1  | 32.29     | 32.50     | 32.86     | 32.55      | 0.88    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 9.50      | 10.35     | 9.98      | 9.94       | 4.27    | ppb   |
| Cadmium    | 106-1 | 18.50     | 21.10     | 18.92     | 19.51      | 7.16    | ppb   |
| Cadmium    | 108-1 | 6.71      | 7.67      | 7.29      | 7.22       | 6.76    | ppb   |
| Calcium    | 43-1  | 251322.79 | 245994.09 | 256659.98 | 251325.62  | 2.12    | ppb   |
| Calcium    | 44-1  | 256377.78 | 243324.84 | 257970.53 | 252557.72  | 3.18    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 144.19    | 105.23    | 104.67    | 118.03     | 19.20   | ppb   |
| Cobalt     | 59-2  | 122.41    | 90.28     | 89.54     | 100.74     | 18.63   | ppb   |
| Copper     | 63-2  | 2.80      | 2.02      | 1.99      | 2.27       | 20.31   | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 54-2  | 623.48    | 458.48    | 445.69    | 509.22     | 19.47   | ppb   |
| Iron       | 56-2  | 513.92    | 379.06    | 373.56    | 422.18     | 18.83   | ppb   |
| Iron       | 57-2  | 832.51    | 605.52    | 612.84    | 683.62     | 18.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 1.54       | 1.59       | 1.60       | 1.58       | 1.96    | ppb   |
| Lead       | 207-1 | 1.54       | 1.61       | 1.64       | 1.60       | 3.10    | ppb   |
| Lead       | 208-1 | 1.55       | 1.58       | 1.61       | 1.58       | 1.78    | ppb   |
| Lithium    | 6-1   |            |            |            | 107        |         | %     |
| Magnesium  | 24-2  | 248594.97  | 184423.98  | 184740.00  | 205919.65  | 17.95   | ppb   |
| Manganese  | 55-2  | 1912.38    | 1417.40    | 1409.65    | 1579.81    | 18.23   | ppb   |
| Molybdenum | 94-1  | 0.32       | 0.28       | 0.33       | 0.31       | 7.86    | ppb   |
| Molybdenum | 95-1  | 0.30       | 0.29       | 0.28       | 0.29       | 2.88    | ppb   |
| Molybdenum | 96-1  | 0.22       | 0.19       | 0.21       | 0.20       | 7.30    | ppb   |
| Molybdenum | 97-1  | 0.28       | 0.27       | 0.28       | 0.27       | 2.15    | ppb   |
| Molybdenum | 98-1  | 0.29       | 0.27       | 0.26       | 0.27       | 5.43    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 503.26     | 363.45     | 359.07     | 408.59     | 20.07   | ppb   |
| Phosphorus | 31-2  | 3.93       | 17.96      | -9.80      | 4.03       | 344.54  | ppb   |
| Potassium  | 39-2  | 32218.47   | 23234.31   | 24026.84   | 26493.21   | 18.77   | ppb   |
| Rhodium    | 103-1 |            |            |            | 91         |         | %     |
| Rhodium    | 103-2 |            |            |            | 80         |         | %     |
| Scandium   | 45-1  |            |            |            | 106        |         | %     |
| Scandium   | 45-2  |            |            |            | 93         |         | %     |
| Selenium   | 82-1  | 2.44       | 1.60       | 1.84       | 1.96       | 21.99   | ppb   |
| Selenium   | 77-2  | 67.33      | 61.18      | 57.71      | 62.08      | 7.85    | ppb   |
| Selenium   | 78-2  | 19.39      | 15.50      | 15.51      | 16.80      | 13.35   | ppb   |
| Silicon    | 28-1  | 1165.10    | 1158.74    | 1159.93    | 1161.25    | 0.29    | ppb   |
| Silver     | 107-1 | 1.31       | 1.38       | 1.34       | 1.34       | 2.64    | ppb   |
| Silver     | 109-1 | 1.28       | 1.39       | 1.29       | 1.32       | 4.60    | ppb   |
| Sodium     | 23-2  | 1683774.95 | 1221743.52 | 1237556.14 | 1381024.87 | 18.99   | ppb   |
| Strontium  | 86-1  | 1430.62    | 1421.38    | 1442.57    | 1431.52    | 0.74    | ppb   |
| Strontium  | 88-1  | 1438.47    | 1420.77    | 1412.56    | 1423.93    | 0.93    | ppb   |
| Sulfur     | 34-1  | -542.40    | -467.04    | -151.94    | -387.13    |         | ppb   |
| Terbium    | 159-1 |            |            |            | 106        |         | %     |
| Terbium    | 159-2 |            |            |            | 96         |         | %     |
| Thallium   | 203-1 | 0.37       | 0.37       | 0.38       | 0.37       | 1.67    | ppb   |
| Thallium   | 205-1 | 0.42       | 0.42       | 0.41       | 0.42       | 1.87    | ppb   |
| Tin        | 118-1 | 0.21       | 0.27       | 0.26       | 0.25       | 12.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4.80    | 4.63    | 5.10    | 4.85       | 4.90    | ppb   |
| Uranium   | 238-1 | 1.92    | 1.98    | 1.92    | 1.94       | 1.75    | ppb   |
| Vanadium  | 51-2  | 1.57    | 1.32    | 1.25    | 1.38       | 12.07   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 169        |         | %     |
| Yttrium   | 89-2  |         |         |         | 156        |         | %     |
| Zinc      | 66-2  | 1062.09 | 788.37  | 781.32  | 877.26     | 18.25   | ppb   |
| Zirconium | 90-1  | 0.04    | 0.07    | 0.05    | 0.05       | 31.37   | ppb   |
| Zirconium | 91-1  | 0.06    | 0.05    | 0.04    | 0.05       | 18.30   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 247.43    | 249.94    | 248.81    | 248.73     | 0.50    | ppb   |
| Antimony   | 121-1 | 0.34      | 0.43      | 0.42      | 0.40       | 12.18   | ppb   |
| Arsenic    | 75-2  | 0.39      | 0.32      | 0.35      | 0.36       | 10.57   | ppb   |
| Barium     | 135-1 | 370.28    | 362.69    | 355.19    | 362.72     | 2.08    | ppb   |
| Barium     | 137-1 | 367.79    | 360.86    | 362.93    | 363.86     | 0.98    | ppb   |
| Beryllium  | 9-1   | 0.00      | 0.00      | 0.01      | 0.01       | 75.12   | ppb   |
| Bismuth    | 209-1 |           |           |           | 77         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 1420.39   | 1443.65   | 1498.08   | 1454.04    | 2.74    | ppb   |
| Boron      | 11-1  | 1494.38   | 1535.01   | 1657.55   | 1562.32    | 5.44    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.73      | 0.64      | 0.61      | 0.66       | 9.21    | ppb   |
| Cadmium    | 106-1 | 0.07      | -0.65     | -0.71     | -0.43      |         | ppb   |
| Cadmium    | 108-1 | -0.19     | -0.09     | -0.20     | -0.16      |         | ppb   |
| Calcium    | 43-1  | 349116.59 | 345218.98 | 351451.10 | 348595.56  | 0.90    | ppb   |
| Calcium    | 44-1  | 351176.28 | 343164.90 | 361544.02 | 351961.73  | 2.62    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 45.24     | 45.21     | 44.54     | 45.00      | 0.88    | ppb   |
| Cobalt     | 59-2  | 1.89      | 1.88      | 1.94      | 1.90       | 1.84    | ppb   |
| Copper     | 63-2  | 11.64     | 12.03     | 11.74     | 11.80      | 1.72    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 98         |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 54-2  | 1397.50   | 1410.18   | 1397.81   | 1401.83    | 0.52    | ppb   |
| Iron       | 56-2  | 1400.20   | 1451.48   | 1445.14   | 1432.27    | 1.95    | ppb   |
| Iron       | 57-2  | 1655.60   | 1667.30   | 1704.71   | 1675.87    | 1.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 0.76       | 0.84       | 0.82       | 0.81       | 5.06    | ppb   |
| Lead       | 207-1 | 0.68       | 0.68       | 0.82       | 0.73       | 11.09   | ppb   |
| Lead       | 208-1 | 0.73       | 0.73       | 0.79       | 0.75       | 4.68    | ppb   |
| Lithium    | 6-1   |            |            |            | 103        |         | %     |
| Magnesium  | 24-2  | 64677.85   | 65582.81   | 66554.24   | 65604.97   | 1.43    | ppb   |
| Manganese  | 55-2  | 190.74     | 191.51     | 191.39     | 191.21     | 0.22    | ppb   |
| Molybdenum | 94-1  | 3.89       | 3.67       | 3.83       | 3.79       | 3.04    | ppb   |
| Molybdenum | 95-1  | 4.17       | 3.76       | 3.87       | 3.93       | 5.35    | ppb   |
| Molybdenum | 96-1  | 3.86       | 3.78       | 3.86       | 3.83       | 1.19    | ppb   |
| Molybdenum | 97-1  | 3.91       | 3.92       | 3.99       | 3.94       | 1.22    | ppb   |
| Molybdenum | 98-1  | 3.97       | 3.91       | 4.04       | 3.97       | 1.60    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 37.72      | 38.45      | 37.99      | 38.05      | 0.97    | ppb   |
| Phosphorus | 31-2  | 9.77       | 14.33      | 8.17       | 10.76      | 29.71   | ppb   |
| Potassium  | 39-2  | 14035.37   | 14467.06   | 14434.05   | 14312.16   | 1.68    | ppb   |
| Rhodium    | 103-1 |            |            |            | 82         |         | %     |
| Rhodium    | 103-2 |            |            |            | 85         |         | %     |
| Scandium   | 45-1  |            |            |            | 100        |         | %     |
| Scandium   | 45-2  |            |            |            | 101        |         | %     |
| Selenium   | 82-1  | -2.14      | -3.07      | -1.58      | -2.26      |         | ppb   |
| Selenium   | 77-2  | 0.79       | 1.82       | 1.28       | 1.30       | 39.65   | ppb   |
| Selenium   | 78-2  | 0.71       | 1.38       | 0.94       | 1.01       | 33.80   | ppb   |
| Silicon    | 28-1  | 1571.08    | 1542.81    | 1632.85    | 1582.25    | 2.91    | ppb   |
| Silver     | 107-1 | 0.09       | 0.08       | 0.08       | 0.08       | 4.09    | ppb   |
| Silver     | 109-1 | 0.10       | 0.12       | 0.08       | 0.10       | 19.20   | ppb   |
| Sodium     | 23-2  | 2345683.96 | 2346278.90 | 2385828.13 | 2359263.66 | 0.98    | ppb   |
| Strontium  | 86-1  | 2661.02    | 2514.88    | 2612.67    | 2596.19    | 2.87    | ppb   |
| Strontium  | 88-1  | 2678.72    | 2548.34    | 2540.28    | 2589.11    | 3.00    | ppb   |
| Sulfur     | 34-1  | 30433.91   | 30538.17   | 30652.22   | 30541.43   | 0.36    | ppb   |
| Terbium    | 159-1 |            |            |            | 95         |         | %     |
| Terbium    | 159-2 |            |            |            | 98         |         | %     |
| Thallium   | 203-1 | 0.18       | 0.15       | 0.17       | 0.17       | 9.29    | ppb   |
| Thallium   | 205-1 | 0.19       | 0.19       | 0.19       | 0.19       | 1.24    | ppb   |
| Tin        | 118-1 | 0.64       | 0.79       | 0.80       | 0.74       | 12.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 10.91   | 11.11   | 11.54   | 11.19      | 2.86    | ppb   |
| Uranium   | 238-1 | 8.81    | 9.11    | 9.02    | 8.98       | 1.74    | ppb   |
| Vanadium  | 51-2  | 2.35    | 2.28    | 2.28    | 2.30       | 1.78    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 95         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 4.30    | 4.36    | 4.39    | 4.35       | 0.98    | ppb   |
| Zirconium | 90-1  | 0.28    | 0.27    | 0.28    | 0.28       | 2.84    | ppb   |
| Zirconium | 91-1  | 0.28    | 0.24    | 0.24    | 0.26       | 9.95    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 251.16    | 243.99    | 243.27    | 246.14     | 1.77    | ppb   |
| Antimony   | 121-1 | 0.39      | 0.43      | 0.39      | 0.40       | 5.66    | ppb   |
| Arsenic    | 75-2  | 0.40      | 0.33      | 0.34      | 0.36       | 10.91   | ppb   |
| Barium     | 135-1 | 366.60    | 353.87    | 353.87    | 358.11     | 2.05    | ppb   |
| Barium     | 137-1 | 365.80    | 369.27    | 360.31    | 365.13     | 1.24    | ppb   |
| Beryllium  | 9-1   | 0.01      | 0.01      | 0.01      | 0.01       | 27.70   | ppb   |
| Bismuth    | 209-1 |           |           |           | 78         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 1470.70   | 1531.79   | 1575.39   | 1525.96    | 3.45    | ppb   |
| Boron      | 11-1  | 1548.91   | 1620.61   | 1674.97   | 1614.83    | 3.92    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.65      | 0.69      | 0.49      | 0.61       | 18.03   | ppb   |
| Cadmium    | 106-1 | 0.37      | 0.00      | -1.72     | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.00      | -0.05     | -0.16     | -0.07      |         | ppb   |
| Calcium    | 43-1  | 341534.49 | 347187.45 | 341837.59 | 343519.84  | 0.93    | ppb   |
| Calcium    | 44-1  | 351757.12 | 350046.34 | 339961.90 | 347255.12  | 1.84    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 48.39     | 47.48     | 47.58     | 47.82      | 1.04    | ppb   |
| Cobalt     | 59-2  | 2.00      | 1.92      | 1.82      | 1.91       | 4.64    | ppb   |
| Copper     | 63-2  | 11.24     | 10.93     | 10.95     | 11.04      | 1.58    | 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 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 54-2  | 1424.66   | 1396.73   | 1386.85   | 1402.75    | 1.40    | ppb   |
| Iron       | 56-2  | 1444.69   | 1458.91   | 1420.46   | 1441.35    | 1.35    | ppb   |
| Iron       | 57-2  | 1679.40   | 1660.13   | 1634.93   | 1658.16    | 1.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 0.57       | 0.59       | 0.64       | 0.60       | 5.37    | ppb   |
| Lead       | 207-1 | 0.65       | 0.56       | 0.61       | 0.60       | 7.44    | ppb   |
| Lead       | 208-1 | 0.60       | 0.58       | 0.61       | 0.60       | 2.41    | ppb   |
| Lithium    | 6-1   |            |            |            | 105        |         | %     |
| Magnesium  | 24-2  | 64879.25   | 63961.50   | 63981.05   | 64273.93   | 0.82    | ppb   |
| Manganese  | 55-2  | 193.79     | 189.84     | 190.58     | 191.40     | 1.10    | ppb   |
| Molybdenum | 94-1  | 3.60       | 3.87       | 3.48       | 3.65       | 5.50    | ppb   |
| Molybdenum | 95-1  | 3.75       | 3.74       | 3.71       | 3.73       | 0.61    | ppb   |
| Molybdenum | 96-1  | 3.64       | 3.85       | 3.75       | 3.75       | 2.74    | ppb   |
| Molybdenum | 97-1  | 3.82       | 4.01       | 3.82       | 3.88       | 2.73    | ppb   |
| Molybdenum | 98-1  | 3.86       | 3.80       | 3.66       | 3.77       | 2.73    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 36.91      | 36.46      | 36.00      | 36.45      | 1.25    | ppb   |
| Phosphorus | 31-2  | 3.95       | -0.65      | 0.91       | 1.40       | 166.90  | ppb   |
| Potassium  | 39-2  | 14466.72   | 14345.47   | 13925.58   | 14245.92   | 1.99    | ppb   |
| Rhodium    | 103-1 |            |            |            | 85         |         | %     |
| Rhodium    | 103-2 |            |            |            | 84         |         | %     |
| Scandium   | 45-1  |            |            |            | 105        |         | %     |
| Scandium   | 45-2  |            |            |            | 101        |         | %     |
| Selenium   | 82-1  | -2.05      | -0.49      | -3.29      | -1.94      |         | ppb   |
| Selenium   | 77-2  | 2.32       | 2.84       | -0.17      | 1.67       | 96.51   | ppb   |
| Selenium   | 78-2  | 1.01       | 0.45       | 0.52       | 0.66       | 46.59   | ppb   |
| Silicon    | 28-1  | 1541.66    | 1560.93    | 1509.55    | 1537.38    | 1.69    | ppb   |
| Silver     | 107-1 | 0.09       | 0.10       | 0.08       | 0.09       | 11.19   | ppb   |
| Silver     | 109-1 | 0.11       | 0.07       | 0.09       | 0.09       | 18.28   | ppb   |
| Sodium     | 23-2  | 2387649.14 | 2357990.49 | 2399568.61 | 2381736.08 | 0.90    | ppb   |
| Strontium  | 86-1  | 2532.51    | 2527.40    | 2452.53    | 2504.15    | 1.79    | ppb   |
| Strontium  | 88-1  | 2541.26    | 2550.51    | 2444.36    | 2512.04    | 2.34    | ppb   |
| Sulfur     | 34-1  | 29648.10   | 29596.75   | 29006.61   | 29417.15   | 1.21    | ppb   |
| Terbium    | 159-1 |            |            |            | 99         |         | %     |
| Terbium    | 159-2 |            |            |            | 99         |         | %     |
| Thallium   | 203-1 | 0.18       | 0.18       | 0.14       | 0.17       | 12.40   | ppb   |
| Thallium   | 205-1 | 0.16       | 0.19       | 0.15       | 0.16       | 10.97   | ppb   |
| Tin        | 118-1 | 0.71       | 0.85       | 0.87       | 0.81       | 10.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 11.04   | 10.62   | 10.06   | 10.57      | 4.64    | ppb   |
| Uranium   | 238-1 | 8.90    | 9.02    | 9.04    | 8.99       | 0.82    | ppb   |
| Vanadium  | 51-2  | 2.33    | 2.26    | 2.30    | 2.30       | 1.51    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 3.58    | 3.56    | 3.55    | 3.57       | 0.39    | ppb   |
| Zirconium | 90-1  | 0.25    | 0.20    | 0.22    | 0.22       | 10.50   | ppb   |
| Zirconium | 91-1  | 0.21    | 0.20    | 0.18    | 0.20       | 7.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 51.55    | 51.43    | 49.00    | 50.66      | 2.84    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.06     | 0.07     | 0.06       | 11.97   | ppb   |
| Arsenic    | 75-2  | 0.06     | 0.09     | 0.07     | 0.07       | 22.91   | ppb   |
| Barium     | 135-1 | 68.39    | 74.96    | 92.81    | 78.72      | 16.05   | ppb   |
| Barium     | 137-1 | 71.11    | 76.65    | 91.39    | 79.72      | 13.14   | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.00     | 0.01     | 0.00       | 110.21  | ppb   |
| Bismuth    | 209-1 |          |          |          | 87         |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 394.77   | 450.22   | 532.35   | 459.11     | 15.08   | ppb   |
| Boron      | 11-1  | 379.50   | 458.74   | 518.69   | 452.31     | 15.44   | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 0.04     | 0.10     | 0.00     | 0.04       | 118.85  | ppb   |
| Cadmium    | 106-1 | -1.93    | -1.54    | -3.27    | -2.25      |         | ppb   |
| Cadmium    | 108-1 | -0.79    | -0.75    | -0.59    | -0.71      |         | ppb   |
| Calcium    | 43-1  | 67871.03 | 78080.35 | 92675.08 | 79542.15   | 15.67   | ppb   |
| Calcium    | 44-1  | 67193.24 | 74773.89 | 92198.22 | 78055.12   | 16.43   | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 9.64     | 9.06     | 8.95     | 9.22       | 4.05    | ppb   |
| Cobalt     | 59-2  | 0.42     | 0.39     | 0.38     | 0.40       | 6.06    | ppb   |
| Copper     | 63-2  | 2.86     | 2.80     | 2.67     | 2.78       | 3.44    | 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 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 54-2  | 291.06   | 288.84   | 290.31   | 290.07     | 0.39    | ppb   |
| Iron       | 56-2  | 299.75   | 290.92   | 282.76   | 291.14     | 2.92    | ppb   |
| Iron       | 57-2  | 352.44   | 350.79   | 340.41   | 347.88     | 1.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.19      | 0.23      | 0.32      | 0.25       | 28.50   | ppb   |
| Lead       | 207-1 | 0.18      | 0.28      | 0.33      | 0.26       | 27.83   | ppb   |
| Lead       | 208-1 | 0.19      | 0.23      | 0.32      | 0.25       | 26.45   | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 13428.73  | 13913.17  | 12881.77  | 13407.89   | 3.85    | ppb   |
| Manganese  | 55-2  | 39.85     | 39.58     | 38.46     | 39.30      | 1.87    | ppb   |
| Molybdenum | 94-1  | 0.72      | 0.84      | 0.99      | 0.85       | 15.99   | ppb   |
| Molybdenum | 95-1  | 0.72      | 0.81      | 1.02      | 0.85       | 17.78   | ppb   |
| Molybdenum | 96-1  | 0.73      | 0.82      | 0.98      | 0.84       | 14.82   | ppb   |
| Molybdenum | 97-1  | 0.83      | 0.84      | 1.14      | 0.94       | 18.78   | ppb   |
| Molybdenum | 98-1  | 0.80      | 0.87      | 1.04      | 0.90       | 14.10   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 8.61      | 8.49      | 8.17      | 8.42       | 2.68    | ppb   |
| Phosphorus | 31-2  | 1.55      | -13.22    | 0.37      | -3.77      |         | ppb   |
| Potassium  | 39-2  | 2798.38   | 2741.10   | 2663.69   | 2734.39    | 2.47    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 105        |         | %     |
| Selenium   | 82-1  | 1.26      | 1.77      | 1.34      | 1.46       | 19.01   | ppb   |
| Selenium   | 77-2  | 0.31      | 1.22      | 2.62      | 1.39       | 84.22   | ppb   |
| Selenium   | 78-2  | -0.29     | -0.34     | 0.06      | -0.19      |         | ppb   |
| Silicon    | 28-1  | 306.66    | 340.35    | 426.48    | 357.83     | 17.27   | ppb   |
| Silver     | 107-1 | 0.04      | 0.04      | 0.05      | 0.04       | 12.27   | ppb   |
| Silver     | 109-1 | 0.03      | 0.06      | 0.07      | 0.05       | 31.74   | ppb   |
| Sodium     | 23-2  | 492912.47 | 469084.11 | 470630.96 | 477542.51  | 2.79    | ppb   |
| Strontium  | 86-1  | 515.49    | 569.13    | 668.41    | 584.34     | 13.28   | ppb   |
| Strontium  | 88-1  | 490.68    | 568.97    | 673.51    | 577.72     | 15.88   | ppb   |
| Sulfur     | 34-1  | 5368.55   | 6889.97   | 9641.63   | 7300.05    | 29.67   | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 109        |         | %     |
| Thallium   | 203-1 | 0.08      | 0.08      | 0.09      | 0.08       | 11.09   | ppb   |
| Thallium   | 205-1 | 0.05      | 0.06      | 0.10      | 0.07       | 40.03   | ppb   |
| Tin        | 118-1 | 0.08      | 0.09      | 0.16      | 0.11       | 44.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.91    | 1.92    | 2.85    | 2.23       | 24.12   | ppb   |
| Uranium   | 238-1 | 1.55    | 1.71    | 2.16    | 1.80       | 17.64   | ppb   |
| Vanadium  | 51-2  | 0.50    | 0.47    | 0.42    | 0.46       | 8.47    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 1.28    | 1.14    | 1.14    | 1.19       | 6.78    | ppb   |
| Zirconium | 90-1  | 0.05    | 0.07    | 0.08    | 0.07       | 17.46   | ppb   |
| Zirconium | 91-1  | 0.04    | 0.06    | 0.06    | 0.05       | 21.94   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.42    | 1.08    | 1.14    | 1.21       | 15.12   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 111.30  | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.03    | 0.02    | 0.00    | 0.02       | 109.71  | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.02    | 0.02       | 4.87    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 228.24  | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 78.63   | 79.81   | 71.98   | 76.81      | 5.50    | ppb   |
| Boron      | 11-1  | 84.20   | 81.31   | 77.88   | 81.13      | 3.90    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.06   | 0.00    | -0.15   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.57   | -0.87   | -2.82   | -1.76      |         | ppb   |
| Cadmium    | 108-1 | -0.91   | -0.97   | -0.95   | -0.95      |         | ppb   |
| Calcium    | 43-1  | 19.88   | 16.21   | 17.26   | 17.79      | 10.64   | ppb   |
| Calcium    | 44-1  | 15.97   | 13.60   | 11.88   | 13.82      | 14.87   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.11    | 0.12    | 0.15    | 0.13       | 18.86   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.15    | 0.15    | 0.15    | 0.15       | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | 3.06    | 2.52    | 2.55    | 2.71       | 11.14   | ppb   |
| Iron       | 56-2  | 3.74    | 3.57    | 3.51    | 3.61       | 3.35    | ppb   |
| Iron       | 57-2  | 4.16    | 3.91    | 3.16    | 3.74       | 13.76   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.09     | 0.08     | 0.08       | 8.97    | ppb   |
| Lead       | 207-1 | 0.11     | 0.10     | 0.08     | 0.10       | 12.44   | ppb   |
| Lead       | 208-1 | 0.11     | 0.10     | 0.08     | 0.10       | 14.63   | ppb   |
| Lithium    | 6-1   |          |          |          | 119        |         | %     |
| Magnesium  | 24-2  | 3.37     | 2.91     | 3.20     | 3.16       | 7.31    | ppb   |
| Manganese  | 55-2  | 0.20     | 0.11     | 0.17     | 0.16       | 30.13   | ppb   |
| Molybdenum | 94-1  | 0.04     | 0.00     | 0.04     | 0.03       | 75.22   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.03     | 0.02       | 57.00   | ppb   |
| Molybdenum | 96-1  | 0.01     | -0.01    | -0.02    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.85   | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.01     | 0.00       | 46.17   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.14     | 0.14     | 0.15     | 0.14       | 3.66    | ppb   |
| Phosphorus | 31-2  | -7.60    | 0.67     | -6.00    | -4.31      |         | ppb   |
| Potassium  | 39-2  | 1.58     | 1.51     | 1.66     | 1.58       | 4.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 82-1  | 1.25     | 0.37     | 0.06     | 0.56       | 110.44  | ppb   |
| Selenium   | 77-2  | -0.17    | -0.17    | 0.74     | 0.14       | 385.38  | ppb   |
| Selenium   | 78-2  | -0.45    | -0.13    | -0.63    | -0.40      |         | ppb   |
| Silicon    | 28-1  | -3.35    | -3.27    | -3.94    | -3.52      |         | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.86    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 21.58   | ppb   |
| Sodium     | 23-2  | 252.70   | 227.16   | 256.72   | 245.52     | 6.53    | ppb   |
| Strontium  | 86-1  | -0.41    | -0.25    | -0.14    | -0.27      |         | ppb   |
| Strontium  | 88-1  | 0.12     | 0.11     | 0.11     | 0.11       | 7.75    | ppb   |
| Sulfur     | 34-1  | -1193.46 | -1065.62 | -1281.13 | -1180.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.01       | 65.19   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.56     | 0.59     | 0.60     | 0.58       | 4.16    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.09    | 0.17    | 0.07    | 0.11       | 46.50   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.02    | 0.01    | 0.01       | 27.80   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 0.26    | 0.46    | 0.33    | 0.35       | 27.57   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 7.24    | ppb   |
| Zirconium | 91-1  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50366.91  | 50649.66  | 52430.04  | 51148.87   | 2.19    | ppb   |
| Antimony   | 121-1 | 489.01    | 504.20    | 496.94    | 496.72     | 1.53    | ppb   |
| Arsenic    | 75-2  | 457.38    | 473.68    | 464.54    | 465.20     | 1.76    | ppb   |
| Barium     | 135-1 | 2348.14   | 2481.07   | 2444.18   | 2424.46    | 2.83    | ppb   |
| Barium     | 137-1 | 2470.29   | 2484.93   | 2410.20   | 2455.14    | 1.61    | ppb   |
| Beryllium  | 9-1   | 475.39    | 472.72    | 478.02    | 475.37     | 0.56    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 427.42    | 459.08    | 464.32    | 450.27     | 4.43    | ppb   |
| Boron      | 11-1  | 425.53    | 431.68    | 453.68    | 436.97     | 3.39    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 467.62    | 479.01    | 471.84    | 472.82     | 1.22    | ppb   |
| Cadmium    | 106-1 | 481.76    | 479.56    | 484.98    | 482.10     | 0.57    | ppb   |
| Cadmium    | 108-1 | 476.89    | 473.16    | 482.61    | 477.56     | 1.00    | ppb   |
| Calcium    | 43-1  | 252024.98 | 245911.99 | 245318.22 | 247751.73  | 1.50    | ppb   |
| Calcium    | 44-1  | 259400.88 | 248560.54 | 249860.16 | 252607.19  | 2.34    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 500.87    | 492.93    | 501.18    | 498.33     | 0.94    | ppb   |
| Cobalt     | 59-2  | 490.47    | 486.01    | 477.31    | 484.60     | 1.38    | ppb   |
| Copper     | 63-2  | 5029.20   | 4908.94   | 5093.78   | 5010.64    | 1.87    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 113        |         | %     |
| Holmium    | 165-2 |           |           |           | 111        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 54-2  | 126340.72 | 122510.08 | 124933.70 | 124594.83  | 1.56    | ppb   |
| Iron       | 56-2  | 125362.70 | 124058.89 | 129261.17 | 126227.59  | 2.14    | ppb   |
| Iron       | 57-2  | 127618.79 | 124151.97 | 128050.84 | 126607.20  | 1.69    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2476.14   | 2480.19   | 2545.52   | 2500.62    | 1.56    | ppb   |
| Lead       | 207-1 | 2523.41   | 2586.90   | 2568.30   | 2559.54    | 1.28    | ppb   |
| Lead       | 208-1 | 2541.15   | 2550.67   | 2542.99   | 2544.94    | 0.20    | ppb   |
| Lithium    | 6-1   |           |           |           | 109        |         | %     |
| Magnesium  | 24-2  | 258959.17 | 244779.07 | 251053.21 | 251597.15  | 2.82    | ppb   |
| Manganese  | 55-2  | 4999.02   | 4825.55   | 4885.00   | 4903.19    | 1.80    | ppb   |
| Molybdenum | 94-1  | 5067.77   | 5266.63   | 4965.60   | 5100.00    | 3.00    | ppb   |
| Molybdenum | 95-1  | 5133.21   | 5069.24   | 4919.85   | 5040.76    | 2.17    | ppb   |
| Molybdenum | 96-1  | 5130.10   | 5097.01   | 5107.23   | 5111.44    | 0.33    | ppb   |
| Molybdenum | 97-1  | 5084.22   | 4996.58   | 5019.29   | 5033.36    | 0.90    | ppb   |
| Molybdenum | 98-1  | 5102.65   | 4934.68   | 4988.52   | 5008.62    | 1.71    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 500.42    | 494.29    | 504.26    | 499.66     | 1.01    | ppb   |
| Phosphorus | 31-2  | 9695.76   | 9833.80   | 9902.01   | 9810.53    | 1.07    | ppb   |
| Potassium  | 39-2  | 124476.31 | 124901.33 | 126303.72 | 125227.12  | 0.76    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 82-1  | 502.88    | 500.59    | 496.38    | 499.95     | 0.66    | ppb   |
| Selenium   | 77-2  | 489.71    | 480.37    | 484.53    | 484.87     | 0.97    | ppb   |
| Selenium   | 78-2  | 489.52    | 502.00    | 493.80    | 495.10     | 1.28    | ppb   |
| Silicon    | 28-1  | 366.62    | 355.10    | 365.43    | 362.38     | 1.75    | ppb   |
| Silver     | 107-1 | 470.84    | 454.79    | 464.01    | 463.21     | 1.74    | ppb   |
| Silver     | 109-1 | 471.45    | 459.96    | 472.24    | 467.89     | 1.47    | ppb   |
| Sodium     | 23-2  | 249672.07 | 244373.09 | 257228.80 | 250424.65  | 2.58    | ppb   |
| Strontium  | 86-1  | 524.14    | 518.98    | 522.98    | 522.03     | 0.52    | ppb   |
| Strontium  | 88-1  | 523.56    | 510.24    | 513.58    | 515.79     | 1.34    | ppb   |
| Sulfur     | 34-1  | 9735.20   | 9291.62   | 9076.41   | 9367.74    | 3.59    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 519.22    | 492.93    | 526.16    | 512.77     | 3.42    | ppb   |
| Thallium   | 205-1 | 508.11    | 507.95    | 518.91    | 511.66     | 1.23    | ppb   |
| Tin        | 118-1 | 490.38    | 490.17    | 493.26    | 491.27     | 0.35    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5067.91 | 5011.90 | 5122.93 | 5067.58    | 1.10    | ppb   |
| Uranium   | 238-1 | 564.24  | 540.82  | 537.31  | 547.46     | 2.67    | ppb   |
| Vanadium  | 51-2  | 485.64  | 482.01  | 490.87  | 486.17     | 0.92    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 4956.67 | 4797.26 | 5008.42 | 4920.78    | 2.24    | ppb   |
| Zirconium | 90-1  | 514.75  | 523.58  | 493.15  | 510.49     | 3.07    | ppb   |
| Zirconium | 91-1  | 520.29  | 523.52  | 502.84  | 515.55     | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.59    | 0.52    | 0.53    | 0.55       | 7.06    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.09    | 0.10    | 0.08       | 20.38   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.02    | 0.01       | 74.68   | ppb   |
| Barium     | 135-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.14   | ppb   |
| Barium     | 137-1 | 0.05    | 0.07    | 0.04    | 0.05       | 34.60   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.01    | 0.01       | 39.71   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 28.21   | 25.51   | 25.29   | 26.34      | 6.17    | ppb   |
| Boron      | 11-1  | 27.76   | 26.89   | 26.26   | 26.97      | 2.80    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.12   | -0.18   | -0.16   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.42   | -3.23   | -2.95   | -2.87      |         | ppb   |
| Cadmium    | 108-1 | -0.85   | -0.89   | -0.84   | -0.86      |         | ppb   |
| Calcium    | 43-1  | 4.03    | 4.09    | 2.51    | 3.55       | 25.29   | ppb   |
| Calcium    | 44-1  | -0.33   | -1.21   | -1.82   | -1.12      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 35.26   | ppb   |
| Copper     | 63-2  | 0.12    | 0.11    | 0.11    | 0.12       | 3.87    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 54-2  | 1.14    | 1.35    | 1.26    | 1.25       | 8.54    | ppb   |
| Iron       | 56-2  | 1.50    | 1.37    | 1.21    | 1.36       | 10.56   | ppb   |
| Iron       | 57-2  | 1.35    | 1.10    | -0.42   | 0.68       | 141.16  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.10     | 0.07     | 0.08       | 18.14   | ppb   |
| Lead       | 207-1 | 0.09     | 0.09     | 0.09     | 0.09       | 3.32    | ppb   |
| Lead       | 208-1 | 0.09     | 0.09     | 0.08     | 0.08       | 8.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 4.15     | 3.02     | 2.67     | 3.28       | 23.46   | ppb   |
| Manganese  | 55-2  | 0.02     | 0.02     | 0.03     | 0.03       | 29.71   | ppb   |
| Molybdenum | 94-1  | 0.13     | 0.11     | 0.12     | 0.12       | 6.05    | ppb   |
| Molybdenum | 95-1  | 0.13     | 0.09     | 0.09     | 0.10       | 20.54   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.04     | 0.08     | 0.07       | 43.07   | ppb   |
| Molybdenum | 97-1  | 0.15     | 0.14     | 0.10     | 0.13       | 18.32   | ppb   |
| Molybdenum | 98-1  | 0.11     | 0.10     | 0.08     | 0.10       | 19.98   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.01     | 0.00     | 0.00     | 0.01       | 86.18   | ppb   |
| Phosphorus | 31-2  | -6.69    | -20.64   | -6.02    | -11.11     |         | ppb   |
| Potassium  | 39-2  | -9.07    | -9.10    | -6.50    | -8.22      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | 0.05     | -0.87    | 0.11     | -0.24      |         | ppb   |
| Selenium   | 77-2  | -0.17    | -0.17    | -0.17    | -0.17      |         | ppb   |
| Selenium   | 78-2  | -0.66    | -0.53    | -0.38    | -0.52      |         | ppb   |
| Silicon    | 28-1  | -3.70    | -3.24    | -2.99    | -3.31      |         | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 14.44   | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.03     | 0.03       | 16.00   | ppb   |
| Sodium     | 23-2  | 93.33    | 88.69    | 92.80    | 91.61      | 2.77    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.32    | -0.44    | -0.26      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.01     | 0.01       | 30.14   | ppb   |
| Sulfur     | 34-1  | -1289.74 | -1465.25 | -1665.92 | -1473.63   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.02     | 0.02       | 31.95   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.02     | 0.01     | 0.02       | 38.15   | ppb   |
| Tin        | 118-1 | -0.04    | 0.08     | -0.02    | 0.01       | 661.20  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.06    | 0.06    | 0.05    | 0.06       | 17.68   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 56.89   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.02    | 0.01       | 63.01   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 0.04    | 0.00    | 0.01    | 0.02       | 115.79  | ppb   |
| Zirconium | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 8.58    | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.02    | 0.00       | 497.42  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.31    | 1.27    | 1.40    | 1.33       | 4.79    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.02       | 13.78   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.05    | 0.05    | 0.02    | 0.04       | 41.51   | ppb   |
| Barium     | 137-1 | 0.03    | 0.08    | 0.04    | 0.05       | 57.85   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 32.45   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 16.41   | 16.03   | 15.41   | 15.95      | 3.16    | ppb   |
| Boron      | 11-1  | 16.66   | 16.95   | 16.15   | 16.59      | 2.44    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.26   | -0.28   | -0.19   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -3.98   | -4.08   | -2.88   | -3.65      |         | ppb   |
| Cadmium    | 108-1 | -0.90   | -0.91   | -0.79   | -0.87      |         | ppb   |
| Calcium    | 43-1  | 4.98    | 5.19    | 4.26    | 4.81       | 10.09   | ppb   |
| Calcium    | 44-1  | 1.00    | 0.98    | 1.14    | 1.04       | 7.97    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.25    | 0.27    | 0.25    | 0.25       | 5.08    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 36.28   | ppb   |
| Copper     | 63-2  | 0.03    | 0.06    | 0.05    | 0.05       | 31.54   | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 117        |         | %     |
| Indium     | 115-2 |         |         |         | 112        |         | %     |
| Iron       | 54-2  | 3.50    | 2.04    | 2.43    | 2.65       | 28.40   | ppb   |
| Iron       | 56-2  | 2.98    | 2.78    | 2.66    | 2.81       | 5.75    | ppb   |
| Iron       | 57-2  | 3.35    | 3.12    | 1.31    | 2.60       | 43.09   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.07     | 0.06     | 0.06       | 5.76    | ppb   |
| Lead       | 207-1 | 0.06     | 0.09     | 0.05     | 0.07       | 30.00   | ppb   |
| Lead       | 208-1 | 0.06     | 0.07     | 0.06     | 0.06       | 8.13    | ppb   |
| Lithium    | 6-1   |          |          |          | 115        |         | %     |
| Magnesium  | 24-2  | 0.60     | 1.06     | 0.96     | 0.87       | 27.59   | ppb   |
| Manganese  | 55-2  | 0.23     | 0.16     | 0.18     | 0.19       | 17.96   | ppb   |
| Molybdenum | 94-1  | 0.04     | 0.05     | 0.04     | 0.04       | 14.04   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.03     | 0.03       | 21.19   | ppb   |
| Molybdenum | 96-1  | 0.01     | -0.01    | 0.01     | 0.01       | 256.20  | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.05     | 0.01     | 0.02       | 85.63   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.03       | 29.10   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.23     | 0.23     | 0.29     | 0.25       | 13.76   | ppb   |
| Phosphorus | 31-2  | -2.58    | -3.67    | -8.78    | -5.01      |         | ppb   |
| Potassium  | 39-2  | -6.35    | -13.31   | -16.02   | -11.89     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 82-1  | -0.57    | -0.21    | 0.62     | -0.06      |         | ppb   |
| Selenium   | 77-2  | -0.17    | -0.17    | 0.28     | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.60    | -0.73    | -0.91    | -0.75      |         | ppb   |
| Silicon    | 28-1  | -3.71    | -3.38    | -2.14    | -3.08      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.02     | 0.01       | 19.41   | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.80   | ppb   |
| Sodium     | 23-2  | 69.75    | 62.27    | 62.38    | 64.80      | 6.61    | ppb   |
| Strontium  | 86-1  | -0.33    | -0.49    | -0.57    | -0.46      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.01     | 0.01     | 0.02       | 19.71   | ppb   |
| Sulfur     | 34-1  | -1247.10 | -1348.55 | -1288.87 | -1294.84   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.00     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.17     | 0.13     | 0.14     | 0.15       | 14.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.07    | -0.01   | 0.04    | 0.04       | 120.75  | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 210.06  | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 40.52   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 112        |         | %     |
| Yttrium   | 89-2  |         |         |         | 110        |         | %     |
| Zinc      | 66-2  | 18.66   | 18.09   | 18.32   | 18.35      | 1.56    | ppb   |
| Zirconium | 90-1  | 0.00    | 0.01    | 0.01    | 0.00       | 101.46  | ppb   |
| Zirconium | 91-1  | 0.01    | -0.01   | 0.01    | 0.00       | 209.58  | ppb   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : PB143904BL Instrumnet Name : P8  
 Client Sample ID : PB143904BL Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 16:47:05 DataFile Name : 052CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.05    | -0.11   | -0.03   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.02    | 0.01       | 35.44   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.00    | 0.00       | 78.79   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 14.00   | 14.73   | 14.33   | 14.35      | 2.54    | ppb   |
| Boron      | 11-1  | 14.72   | 15.06   | 15.27   | 15.02      | 1.84    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.00    | -0.11   | -0.13   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | -2.03   | -2.24   | -1.63      |         | ppb   |
| Cadmium    | 108-1 | -0.99   | -0.87   | -0.86   | -0.91      |         | ppb   |
| Calcium    | 43-1  | -0.18   | 0.58    | -0.24   | 0.05       | 850.68  | ppb   |
| Calcium    | 44-1  | -3.76   | -4.23   | -4.95   | -4.32      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.04   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.04    | 0.05    | 0.06       | 24.32   | 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 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 54-2  | 1.21    | -0.76   | 0.35    | 0.27       | 371.98  | ppb   |
| Iron       | 56-2  | 0.04    | -0.14   | -0.07   | -0.06      |         | ppb   |
| Iron       | 57-2  | -0.57   | -0.40   | -1.08   | -0.68      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:47:05 | DataFile Name :   | 052CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.03     | 0.02     | 0.03     | 0.03       | 17.20   | ppb   |
| Lead       | 207-1 | 0.04     | 0.04     | 0.03     | 0.04       | 12.04   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.04     | 0.04       | 6.13    | ppb   |
| Lithium    | 6-1   |          |          |          | 111        |         | %     |
| Magnesium  | 24-2  | 0.28     | 0.57     | 0.49     | 0.44       | 33.43   | ppb   |
| Manganese  | 55-2  | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 94-1  | 0.04     | 0.03     | -0.01    | 0.02       | 109.67  | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.01     | 0.02       | 46.73   | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.02     | 0.01       | 30.26   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.00     | 0.01       | 21.06   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02     | -0.02    | 0.01     | 0.01       | 416.28  | ppb   |
| Phosphorus | 31-2  | -8.62    | -14.51   | -16.10   | -13.08     |         | ppb   |
| Potassium  | 39-2  | -4.48    | -7.76    | -4.05    | -5.43      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | -0.20    | 0.39     | 0.57     | 0.25       | 159.89  | ppb   |
| Selenium   | 77-2  | -0.17    | 0.28     | -0.17    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.03     | -0.41    | 0.07     | -0.10      |         | ppb   |
| Silicon    | 28-1  | -2.62    | -2.49    | -3.34    | -2.82      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.02     | 0.01       | 35.51   | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.01       | 39.54   | ppb   |
| Sodium     | 23-2  | 60.56    | 62.16    | 60.60    | 61.11      | 1.49    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.22    | -0.20    | -0.15      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.01     | 0.00     | 0.00       | 143.85  | ppb   |
| Sulfur     | 34-1  | -1296.09 | -1215.16 | -1178.39 | -1229.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | -0.02    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.02    | -0.03    | -0.03    | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:47:05 | DataFile Name :   | 052CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.08    | 0.04    | 0.01    | 0.04       | 85.38   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 143.76  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | -0.08   | -0.01   | -0.01   | -0.03      |         | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 10.56   | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10196.00 | 10079.38 | 10282.81 | 10186.06   | 1.00    | ppb   |
| Antimony   | 121-1 | 466.51   | 470.33   | 488.30   | 475.05     | 2.45    | ppb   |
| Arsenic    | 75-2  | 478.70   | 484.15   | 492.57   | 485.14     | 1.44    | ppb   |
| Barium     | 135-1 | 2266.07  | 2405.49  | 2386.15  | 2352.57    | 3.21    | ppb   |
| Barium     | 137-1 | 2350.62  | 2327.54  | 2415.09  | 2364.42    | 1.92    | ppb   |
| Beryllium  | 9-1   | 495.38   | 506.48   | 480.61   | 494.15     | 2.63    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 555.41   | 581.68   | 620.11   | 585.73     | 5.56    | ppb   |
| Boron      | 11-1  | 552.71   | 565.04   | 590.86   | 569.54     | 3.42    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 480.53   | 490.68   | 491.91   | 487.70     | 1.28    | ppb   |
| Cadmium    | 106-1 | 485.67   | 476.14   | 492.60   | 484.80     | 1.70    | ppb   |
| Cadmium    | 108-1 | 477.25   | 483.69   | 487.71   | 482.88     | 1.09    | ppb   |
| Calcium    | 43-1  | 49630.68 | 50560.21 | 50033.88 | 50074.93   | 0.93    | ppb   |
| Calcium    | 44-1  | 50136.47 | 49599.20 | 49763.85 | 49833.17   | 0.55    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 502.37   | 487.49   | 500.68   | 496.84     | 1.64    | ppb   |
| Cobalt     | 59-2  | 495.12   | 492.56   | 500.12   | 495.93     | 0.78    | ppb   |
| Copper     | 63-2  | 4953.00  | 4824.22  | 5013.41  | 4930.21    | 1.96    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 112        |         | %     |
| Indium     | 115-1 |          |          |          | 112        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 54-2  | 26864.38 | 26302.33 | 27398.74 | 26855.15   | 2.04    | ppb   |
| Iron       | 56-2  | 26988.34 | 26431.40 | 26818.29 | 26746.01   | 1.07    | ppb   |
| Iron       | 57-2  | 27401.65 | 26759.61 | 28112.89 | 27424.72   | 2.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2269.78  | 2283.73  | 2452.05  | 2335.18    | 4.34    | ppb   |
| Lead       | 207-1 | 2310.31  | 2362.17  | 2461.35  | 2377.94    | 3.23    | ppb   |
| Lead       | 208-1 | 2313.46  | 2349.73  | 2431.47  | 2364.89    | 2.56    | ppb   |
| Lithium    | 6-1   |          |          |          | 112        |         | %     |
| Magnesium  | 24-2  | 51966.91 | 52167.11 | 53009.09 | 52381.04   | 1.06    | ppb   |
| Manganese  | 55-2  | 4850.95  | 4858.68  | 5001.05  | 4903.56    | 1.72    | ppb   |
| Molybdenum | 94-1  | 5042.51  | 4984.49  | 4882.00  | 4969.66    | 1.64    | ppb   |
| Molybdenum | 95-1  | 4869.84  | 4940.00  | 4869.80  | 4893.22    | 0.83    | ppb   |
| Molybdenum | 96-1  | 4913.95  | 4979.69  | 4708.27  | 4867.30    | 2.91    | ppb   |
| Molybdenum | 97-1  | 4847.02  | 4934.28  | 4653.25  | 4811.52    | 2.99    | ppb   |
| Molybdenum | 98-1  | 4874.42  | 4956.55  | 4739.28  | 4856.75    | 2.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 495.16   | 487.69   | 497.63   | 493.49     | 1.05    | ppb   |
| Phosphorus | 31-2  | 10075.35 | 9978.56  | 10223.08 | 10092.33   | 1.22    | ppb   |
| Potassium  | 39-2  | 25515.22 | 24959.94 | 26218.77 | 25564.64   | 2.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 82-1  | 488.18   | 506.38   | 491.78   | 495.45     | 1.95    | ppb   |
| Selenium   | 77-2  | 480.39   | 520.15   | 484.05   | 494.87     | 4.44    | ppb   |
| Selenium   | 78-2  | 487.77   | 496.34   | 496.42   | 493.51     | 1.01    | ppb   |
| Silicon    | 28-1  | 755.36   | 778.06   | 763.22   | 765.55     | 1.51    | ppb   |
| Silver     | 107-1 | 482.25   | 476.75   | 493.34   | 484.12     | 1.75    | ppb   |
| Silver     | 109-1 | 500.91   | 490.23   | 495.06   | 495.40     | 1.08    | ppb   |
| Sodium     | 23-2  | 50051.60 | 49935.74 | 50746.18 | 50244.50   | 0.87    | ppb   |
| Strontium  | 86-1  | 481.60   | 511.68   | 495.30   | 496.19     | 3.04    | ppb   |
| Strontium  | 88-1  | 485.42   | 504.66   | 481.23   | 490.44     | 2.55    | ppb   |
| Sulfur     | 34-1  | 8778.60  | 8858.76  | 8465.15  | 8700.84    | 2.39    | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 478.24   | 484.26   | 505.70   | 489.40     | 2.95    | ppb   |
| Thallium   | 205-1 | 453.00   | 475.18   | 489.12   | 472.43     | 3.86    | ppb   |
| Tin        | 118-1 | 478.84   | 469.83   | 497.15   | 481.94     | 2.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4833.06 | 4870.46 | 4867.70 | 4857.07    | 0.43    | ppb   |
| Uranium   | 238-1 | 478.26  | 493.68  | 465.82  | 479.25     | 2.91    | ppb   |
| Vanadium  | 51-2  | 476.24  | 473.77  | 490.96  | 480.32     | 1.94    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 105        |         | %     |
| Zinc      | 66-2  | 5184.06 | 5065.27 | 5087.56 | 5112.29    | 1.24    | ppb   |
| Zirconium | 90-1  | 492.62  | 505.56  | 487.78  | 495.32     | 1.86    | ppb   |
| Zirconium | 91-1  | 487.45  | 507.73  | 503.58  | 499.59     | 2.14    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9634.54   | 9605.61   | 9645.00   | 9628.38    | 0.21    | ppb   |
| Antimony   | 121-1 | 342.31    | 339.48    | 339.43    | 340.41     | 0.48    | ppb   |
| Arsenic    | 75-2  | 429.82    | 428.45    | 423.96    | 427.41     | 0.72    | ppb   |
| Barium     | 135-1 | 2742.32   | 2750.75   | 2795.44   | 2762.84    | 1.03    | ppb   |
| Barium     | 137-1 | 2650.15   | 2663.20   | 2773.86   | 2695.74    | 2.52    | ppb   |
| Beryllium  | 9-1   | 414.38    | 407.44    | 414.71    | 412.18     | 1.00    | ppb   |
| Bismuth    | 209-1 |           |           |           | 74         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 1759.46   | 1751.92   | 1863.37   | 1791.59    | 3.48    | ppb   |
| Boron      | 11-1  | 1889.89   | 1878.15   | 1915.52   | 1894.52    | 1.01    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 375.65    | 361.30    | 383.01    | 373.32     | 2.96    | ppb   |
| Cadmium    | 106-1 | 403.18    | 377.00    | 404.42    | 394.87     | 3.92    | ppb   |
| Cadmium    | 108-1 | 385.51    | 362.63    | 385.72    | 377.95     | 3.51    | ppb   |
| Calcium    | 43-1  | 381077.26 | 387018.04 | 377008.86 | 381701.39  | 1.32    | ppb   |
| Calcium    | 44-1  | 384013.86 | 378721.00 | 373578.17 | 378771.01  | 1.38    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 494.81    | 491.06    | 494.61    | 493.49     | 0.43    | ppb   |
| Cobalt     | 59-2  | 433.73    | 434.62    | 428.07    | 432.14     | 0.82    | ppb   |
| Copper     | 63-2  | 4574.65   | 4458.68   | 4465.08   | 4499.47    | 1.45    | 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 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 54-2  | 25361.03  | 25285.97  | 24371.77  | 25006.26   | 2.20    | ppb   |
| Iron       | 56-2  | 24677.43  | 24937.72  | 23932.42  | 24515.86   | 2.13    | ppb   |
| Iron       | 57-2  | 23519.60  | 24995.77  | 25245.21  | 24586.86   | 3.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 2524.28    | 2493.13    | 2448.18    | 2488.53    | 1.54    | ppb   |
| Lead       | 207-1 | 2574.86    | 2590.85    | 2530.87    | 2565.52    | 1.21    | ppb   |
| Lead       | 208-1 | 2531.24    | 2562.82    | 2506.41    | 2533.49    | 1.12    | ppb   |
| Lithium    | 6-1   |            |            |            | 91         |         | %     |
| Magnesium  | 24-2  | 113400.10  | 109992.18  | 109819.43  | 111070.57  | 1.82    | ppb   |
| Manganese  | 55-2  | 5277.21    | 5196.30    | 5153.89    | 5209.13    | 1.20    | ppb   |
| Molybdenum | 94-1  | 2764.66    | 2885.22    | 2803.66    | 2817.85    | 2.18    | ppb   |
| Molybdenum | 95-1  | 2401.68    | 2425.82    | 2452.36    | 2426.62    | 1.04    | ppb   |
| Molybdenum | 96-1  | 2472.38    | 2444.50    | 2443.78    | 2453.55    | 0.66    | ppb   |
| Molybdenum | 97-1  | 2371.83    | 2385.58    | 2407.90    | 2388.43    | 0.76    | ppb   |
| Molybdenum | 98-1  | 2390.45    | 2413.87    | 2391.44    | 2398.59    | 0.55    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 469.26     | 465.63     | 452.81     | 462.57     | 1.87    | ppb   |
| Phosphorus | 31-2  | 11.80      | 19.42      | -3.81      | 9.14       | 129.63  | ppb   |
| Potassium  | 39-2  | 37879.62   | 37940.33   | 37778.98   | 37866.31   | 0.22    | ppb   |
| Rhodium    | 103-1 |            |            |            | 78         |         | %     |
| Rhodium    | 103-2 |            |            |            | 84         |         | %     |
| Scandium   | 45-1  |            |            |            | 96         |         | %     |
| Scandium   | 45-2  |            |            |            | 100        |         | %     |
| Selenium   | 82-1  | 353.06     | 359.86     | 352.01     | 354.98     | 1.20    | ppb   |
| Selenium   | 77-2  | 360.04     | 380.16     | 360.65     | 366.95     | 3.12    | ppb   |
| Selenium   | 78-2  | 362.61     | 362.47     | 359.75     | 361.61     | 0.45    | ppb   |
| Silicon    | 28-1  | 1616.20    | 1577.07    | 1571.61    | 1588.29    | 1.53    | ppb   |
| Silver     | 107-1 | 363.14     | 356.89     | 354.20     | 358.08     | 1.28    | ppb   |
| Silver     | 109-1 | 367.80     | 355.71     | 369.18     | 364.23     | 2.03    | ppb   |
| Sodium     | 23-2  | 2326974.90 | 2320767.45 | 2344089.10 | 2330610.48 | 0.52    | ppb   |
| Strontium  | 86-1  | 2985.65    | 3044.84    | 2981.65    | 3004.04    | 1.18    | ppb   |
| Strontium  | 88-1  | 2966.88    | 3006.42    | 2990.49    | 2987.93    | 0.67    | ppb   |
| Sulfur     | 34-1  | 28992.33   | 28034.71   | 28321.30   | 28449.45   | 1.73    | ppb   |
| Terbium    | 159-1 |            |            |            | 92         |         | %     |
| Terbium    | 159-2 |            |            |            | 101        |         | %     |
| Thallium   | 203-1 | 511.55     | 504.55     | 499.37     | 505.16     | 1.21    | ppb   |
| Thallium   | 205-1 | 502.79     | 506.23     | 501.28     | 503.43     | 0.50    | ppb   |
| Tin        | 118-1 | 454.13     | 443.82     | 459.50     | 452.49     | 1.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2359.92 | 2366.14 | 2293.24 | 2339.77    | 1.73    | ppb   |
| Uranium   | 238-1 | 539.57  | 553.65  | 547.03  | 546.75     | 1.29    | ppb   |
| Vanadium  | 51-2  | 470.47  | 464.27  | 461.34  | 465.36     | 1.00    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 92         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 3035.11 | 2999.13 | 2953.12 | 2995.79    | 1.37    | ppb   |
| Zirconium | 90-1  | 457.74  | 466.87  | 466.94  | 463.85     | 1.14    | ppb   |
| Zirconium | 91-1  | 472.18  | 481.93  | 483.30  | 479.14     | 1.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9639.74   | 9636.10   | 9601.08   | 9625.64    | 0.22    | ppb   |
| Antimony   | 121-1 | 327.09    | 329.47    | 343.71    | 333.42     | 2.70    | ppb   |
| Arsenic    | 75-2  | 435.44    | 428.70    | 431.98    | 432.04     | 0.78    | ppb   |
| Barium     | 135-1 | 2828.09   | 2594.34   | 2790.47   | 2737.63    | 4.58    | ppb   |
| Barium     | 137-1 | 2731.42   | 2713.35   | 2791.21   | 2745.33    | 1.48    | ppb   |
| Beryllium  | 9-1   | 409.55    | 404.05    | 413.49    | 409.03     | 1.16    | ppb   |
| Bismuth    | 209-1 |           |           |           | 76         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 1799.73   | 1826.80   | 1888.60   | 1838.38    | 2.48    | ppb   |
| Boron      | 11-1  | 1934.11   | 1968.71   | 1966.47   | 1956.43    | 0.99    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 376.22    | 368.75    | 386.36    | 377.11     | 2.34    | ppb   |
| Cadmium    | 106-1 | 397.47    | 383.67    | 410.67    | 397.27     | 3.40    | ppb   |
| Cadmium    | 108-1 | 380.84    | 369.95    | 397.83    | 382.88     | 3.67    | ppb   |
| Calcium    | 43-1  | 383726.69 | 371420.17 | 380533.05 | 378559.97  | 1.69    | ppb   |
| Calcium    | 44-1  | 382574.08 | 383631.07 | 385979.77 | 384061.64  | 0.45    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 520.48    | 498.45    | 499.50    | 506.14     | 2.46    | ppb   |
| Cobalt     | 59-2  | 438.96    | 432.70    | 434.95    | 435.54     | 0.73    | ppb   |
| Copper     | 63-2  | 4454.84   | 4410.38   | 4549.11   | 4471.45    | 1.58    | 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 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 54-2  | 25068.94  | 25351.17  | 25170.98  | 25197.03   | 0.57    | ppb   |
| Iron       | 56-2  | 25063.36  | 24875.35  | 24679.95  | 24872.89   | 0.77    | ppb   |
| Iron       | 57-2  | 25102.26  | 25295.25  | 25493.02  | 25296.84   | 0.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 2550.13    | 2525.10    | 2544.99    | 2540.07    | 0.52    | ppb   |
| Lead       | 207-1 | 2616.93    | 2591.86    | 2645.79    | 2618.19    | 1.03    | ppb   |
| Lead       | 208-1 | 2554.76    | 2592.88    | 2597.63    | 2581.76    | 0.91    | ppb   |
| Lithium    | 6-1   |            |            |            | 98         |         | %     |
| Magnesium  | 24-2  | 109529.45  | 110759.94  | 113097.91  | 111129.10  | 1.63    | ppb   |
| Manganese  | 55-2  | 5145.41    | 5200.07    | 5124.61    | 5156.70    | 0.76    | ppb   |
| Molybdenum | 94-1  | 2860.94    | 2917.39    | 2866.71    | 2881.68    | 1.08    | ppb   |
| Molybdenum | 95-1  | 2357.71    | 2423.20    | 2456.86    | 2412.59    | 2.09    | ppb   |
| Molybdenum | 96-1  | 2366.52    | 2521.44    | 2455.00    | 2447.65    | 3.18    | ppb   |
| Molybdenum | 97-1  | 2418.28    | 2421.31    | 2384.53    | 2408.04    | 0.85    | ppb   |
| Molybdenum | 98-1  | 2439.65    | 2465.63    | 2439.02    | 2448.10    | 0.62    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 456.29     | 456.44     | 456.04     | 456.25     | 0.04    | ppb   |
| Phosphorus | 31-2  | -3.87      | 9.70       | 12.74      | 6.19       | 142.83  | ppb   |
| Potassium  | 39-2  | 38531.45   | 37983.31   | 37416.36   | 37977.04   | 1.47    | ppb   |
| Rhodium    | 103-1 |            |            |            | 84         |         | %     |
| Rhodium    | 103-2 |            |            |            | 86         |         | %     |
| Scandium   | 45-1  |            |            |            | 104        |         | %     |
| Scandium   | 45-2  |            |            |            | 104        |         | %     |
| Selenium   | 82-1  | 341.76     | 359.48     | 352.81     | 351.35     | 2.55    | ppb   |
| Selenium   | 77-2  | 348.09     | 378.39     | 329.06     | 351.85     | 7.07    | ppb   |
| Selenium   | 78-2  | 368.74     | 356.20     | 358.42     | 361.12     | 1.85    | ppb   |
| Silicon    | 28-1  | 1578.56    | 1538.75    | 1523.58    | 1546.96    | 1.84    | ppb   |
| Silver     | 107-1 | 340.02     | 320.80     | 363.21     | 341.34     | 6.22    | ppb   |
| Silver     | 109-1 | 349.79     | 318.44     | 349.09     | 339.10     | 5.28    | ppb   |
| Sodium     | 23-2  | 2349478.21 | 2301138.53 | 2284047.72 | 2311554.82 | 1.47    | ppb   |
| Strontium  | 86-1  | 3046.37    | 2962.22    | 2901.46    | 2970.01    | 2.45    | ppb   |
| Strontium  | 88-1  | 3025.97    | 3009.82    | 2971.08    | 3002.29    | 0.94    | ppb   |
| Sulfur     | 34-1  | 27253.16   | 26640.77   | 27568.04   | 27153.99   | 1.74    | ppb   |
| Terbium    | 159-1 |            |            |            | 97         |         | %     |
| Terbium    | 159-2 |            |            |            | 103        |         | %     |
| Thallium   | 203-1 | 537.17     | 499.99     | 531.64     | 522.93     | 3.84    | ppb   |
| Thallium   | 205-1 | 526.58     | 495.69     | 524.48     | 515.58     | 3.35    | ppb   |
| Tin        | 118-1 | 457.47     | 443.69     | 458.05     | 453.07     | 1.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2409.26 | 2300.28 | 2433.64 | 2381.06    | 2.98    | ppb   |
| Uranium   | 238-1 | 576.56  | 570.65  | 556.55  | 567.92     | 1.81    | ppb   |
| Vanadium  | 51-2  | 468.46  | 463.26  | 465.52  | 465.75     | 0.56    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 98         |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 3074.54 | 3092.67 | 3204.43 | 3123.88    | 2.25    | ppb   |
| Zirconium | 90-1  | 465.31  | 463.51  | 468.13  | 465.65     | 0.50    | ppb   |
| Zirconium | 91-1  | 464.57  | 463.27  | 478.50  | 468.78     | 1.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9546.61   | 9530.04   | 9713.60   | 9596.75    | 1.06    | ppb   |
| Antimony   | 121-1 | 323.43    | 329.71    | 328.50    | 327.21     | 1.02    | ppb   |
| Arsenic    | 75-2  | 436.03    | 428.05    | 426.50    | 430.20     | 1.19    | ppb   |
| Barium     | 135-1 | 2721.75   | 2653.58   | 2679.53   | 2684.96    | 1.28    | ppb   |
| Barium     | 137-1 | 2646.44   | 2705.33   | 2666.16   | 2672.65    | 1.12    | ppb   |
| Beryllium  | 9-1   | 403.94    | 390.25    | 402.93    | 399.04     | 1.91    | ppb   |
| Bismuth    | 209-1 |           |           |           | 78         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1803.40   | 1802.45   | 1883.14   | 1829.66    | 2.53    | ppb   |
| Boron      | 11-1  | 1926.31   | 1935.67   | 2007.97   | 1956.65    | 2.28    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 372.85    | 365.15    | 369.70    | 369.23     | 1.05    | ppb   |
| Cadmium    | 106-1 | 395.89    | 387.26    | 396.77    | 393.30     | 1.34    | ppb   |
| Cadmium    | 108-1 | 371.48    | 362.72    | 368.87    | 367.69     | 1.22    | ppb   |
| Calcium    | 43-1  | 384875.75 | 386938.51 | 386395.63 | 386069.96  | 0.28    | ppb   |
| Calcium    | 44-1  | 377153.98 | 387552.60 | 380785.45 | 381830.68  | 1.38    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 495.58    | 492.19    | 490.86    | 492.87     | 0.49    | ppb   |
| Cobalt     | 59-2  | 427.37    | 448.38    | 435.37    | 437.04     | 2.43    | ppb   |
| Copper     | 63-2  | 4458.72   | 4531.45   | 4576.93   | 4522.37    | 1.32    | 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 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 54-2  | 25056.46  | 25470.88  | 24869.27  | 25132.20   | 1.23    | ppb   |
| Iron       | 56-2  | 24434.34  | 25077.21  | 24966.29  | 24825.95   | 1.38    | ppb   |
| Iron       | 57-2  | 25464.90  | 25543.64  | 25291.52  | 25433.35   | 0.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Krypton    | 83-1  |            |            |            |            |         | cps   |
| Lead       | 206-1 | 2561.32    | 2481.27    | 2597.84    | 2546.81    | 2.34    | ppb   |
| Lead       | 207-1 | 2585.39    | 2575.89    | 2599.04    | 2586.77    | 0.45    | ppb   |
| Lead       | 208-1 | 2584.69    | 2540.48    | 2574.65    | 2566.61    | 0.90    | ppb   |
| Lithium    | 6-1   |            |            |            | 105        |         | %     |
| Magnesium  | 24-2  | 109263.04  | 109558.90  | 107783.28  | 108868.40  | 0.87    | ppb   |
| Manganese  | 55-2  | 5150.59    | 5208.58    | 5160.38    | 5173.18    | 0.60    | ppb   |
| Molybdenum | 94-1  | 2837.62    | 2854.67    | 2779.00    | 2823.76    | 1.41    | ppb   |
| Molybdenum | 95-1  | 2365.36    | 2352.55    | 2371.85    | 2363.25    | 0.42    | ppb   |
| Molybdenum | 96-1  | 2440.88    | 2456.81    | 2404.00    | 2433.90    | 1.11    | ppb   |
| Molybdenum | 97-1  | 2344.84    | 2450.97    | 2423.12    | 2406.31    | 2.29    | ppb   |
| Molybdenum | 98-1  | 2402.27    | 2418.26    | 2435.40    | 2418.64    | 0.69    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 456.04     | 464.68     | 465.42     | 462.05     | 1.13    | ppb   |
| Phosphorus | 31-2  | 5.06       | 12.21      | 18.15      | 11.81      | 55.50   | ppb   |
| Potassium  | 39-2  | 37983.10   | 38325.74   | 38715.58   | 38341.47   | 0.96    | ppb   |
| Rhodium    | 103-1 |            |            |            | 87         |         | %     |
| Rhodium    | 103-2 |            |            |            | 90         |         | %     |
| Scandium   | 45-1  |            |            |            | 109        |         | %     |
| Scandium   | 45-2  |            |            |            | 108        |         | %     |
| Selenium   | 82-1  | 338.87     | 340.16     | 344.85     | 341.29     | 0.92    | ppb   |
| Selenium   | 77-2  | 345.29     | 359.59     | 340.81     | 348.56     | 2.81    | ppb   |
| Selenium   | 78-2  | 362.95     | 359.04     | 345.40     | 355.79     | 2.59    | ppb   |
| Silicon    | 28-1  | 1532.39    | 1588.91    | 1600.59    | 1573.96    | 2.32    | ppb   |
| Silver     | 107-1 | 328.39     | 332.17     | 333.00     | 331.19     | 0.74    | ppb   |
| Silver     | 109-1 | 328.20     | 332.41     | 337.42     | 332.68     | 1.39    | ppb   |
| Sodium     | 23-2  | 2280409.33 | 2374971.84 | 2383032.24 | 2346137.81 | 2.43    | ppb   |
| Strontium  | 86-1  | 2937.27    | 2965.07    | 3003.27    | 2968.54    | 1.12    | ppb   |
| Strontium  | 88-1  | 3007.98    | 2974.16    | 2999.10    | 2993.75    | 0.59    | ppb   |
| Sulfur     | 34-1  | 26930.03   | 27013.87   | 27852.50   | 27265.47   | 1.87    | ppb   |
| Terbium    | 159-1 |            |            |            | 104        |         | %     |
| Terbium    | 159-2 |            |            |            | 108        |         | %     |
| Thallium   | 203-1 | 530.83     | 519.93     | 524.40     | 525.05     | 1.04    | ppb   |
| Thallium   | 205-1 | 523.14     | 494.40     | 543.63     | 520.39     | 4.75    | ppb   |
| Tin        | 118-1 | 450.24     | 441.87     | 448.93     | 447.01     | 1.01    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2327.99 | 2371.83 | 2372.84 | 2357.55    | 1.09    | ppb   |
| Uranium   | 238-1 | 571.57  | 542.96  | 554.61  | 556.38     | 2.59    | ppb   |
| Vanadium  | 51-2  | 459.43  | 463.46  | 462.86  | 461.91     | 0.47    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 3097.28 | 3090.03 | 3118.32 | 3101.88    | 0.47    | ppb   |
| Zirconium | 90-1  | 469.42  | 463.44  | 454.17  | 462.34     | 1.66    | ppb   |
| Zirconium | 91-1  | 470.54  | 466.56  | 461.78  | 466.29     | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1887.70  | 1516.61  | 1351.62  | 1585.31    | 17.32   | ppb   |
| Antimony   | 121-1 | 0.35     | 0.37     | 0.41     | 0.38       | 7.98    | ppb   |
| Arsenic    | 75-2  | 1.24     | 1.02     | 0.93     | 1.06       | 15.47   | ppb   |
| Barium     | 135-1 | 247.49   | 246.32   | 259.15   | 250.99     | 2.83    | ppb   |
| Barium     | 137-1 | 251.02   | 255.83   | 257.91   | 254.92     | 1.39    | ppb   |
| Beryllium  | 9-1   | 0.50     | 0.50     | 0.48     | 0.49       | 1.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 167.75   | 152.69   | 150.22   | 156.88     | 6.05    | ppb   |
| Boron      | 11-1  | 169.00   | 151.35   | 155.99   | 158.78     | 5.76    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 2.32     | 2.39     | 2.38     | 2.36       | 1.60    | ppb   |
| Cadmium    | 106-1 | 3.49     | 2.32     | 3.65     | 3.15       | 23.02   | ppb   |
| Cadmium    | 108-1 | 1.04     | 0.96     | 1.26     | 1.08       | 14.60   | ppb   |
| Calcium    | 43-1  | 49046.96 | 49439.48 | 49913.70 | 49466.71   | 0.88    | ppb   |
| Calcium    | 44-1  | 49180.03 | 49561.41 | 48654.32 | 49131.92   | 0.93    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 29.23    | 23.91    | 20.75    | 24.63      | 17.39   | ppb   |
| Cobalt     | 59-2  | 25.25    | 20.68    | 18.40    | 21.44      | 16.27   | ppb   |
| Copper     | 63-2  | 1.35     | 0.99     | 0.86     | 1.07       | 23.64   | 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 |          |          |          | 124        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 117        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 54-2  | 133.43   | 104.77   | 94.39    | 110.86     | 18.24   | ppb   |
| Iron       | 56-2  | 105.88   | 89.30    | 77.23    | 90.81      | 15.84   | ppb   |
| Iron       | 57-2  | 167.39   | 134.78   | 125.82   | 142.66     | 15.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.61      | 0.70      | 0.53      | 0.61       | 13.60   | ppb   |
| Lead       | 207-1 | 0.65      | 0.71      | 0.60      | 0.65       | 8.97    | ppb   |
| Lead       | 208-1 | 0.63      | 0.67      | 0.58      | 0.63       | 6.97    | ppb   |
| Lithium    | 6-1   |           |           |           | 121        |         | %     |
| Magnesium  | 24-2  | 49818.28  | 40431.51  | 37404.65  | 42551.48   | 15.21   | ppb   |
| Manganese  | 55-2  | 379.84    | 309.10    | 272.15    | 320.36     | 17.08   | ppb   |
| Molybdenum | 94-1  | 0.44      | 0.51      | 0.40      | 0.45       | 12.60   | ppb   |
| Molybdenum | 95-1  | 0.40      | 0.39      | 0.37      | 0.38       | 4.56    | ppb   |
| Molybdenum | 96-1  | 0.36      | 0.40      | 0.34      | 0.37       | 8.36    | ppb   |
| Molybdenum | 97-1  | 0.38      | 0.40      | 0.37      | 0.38       | 3.10    | ppb   |
| Molybdenum | 98-1  | 0.36      | 0.38      | 0.31      | 0.35       | 9.86    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 106.31    | 86.90     | 76.09     | 89.77      | 17.06   | ppb   |
| Phosphorus | 31-2  | 12.52     | -10.96    | -4.51     | -0.98      |         | ppb   |
| Potassium  | 39-2  | 6162.13   | 5118.87   | 4558.95   | 5279.99    | 15.41   | ppb   |
| Rhodium    | 103-1 |           |           |           | 112        |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 122        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 82-1  | 1.90      | 0.47      | 1.51      | 1.29       | 57.09   | ppb   |
| Selenium   | 77-2  | 32.25     | 19.25     | 17.28     | 22.93      | 35.48   | ppb   |
| Selenium   | 78-2  | 8.35      | 4.77      | 4.74      | 5.95       | 34.87   | ppb   |
| Silicon    | 28-1  | 223.48    | 218.21    | 225.93    | 222.54     | 1.77    | ppb   |
| Silver     | 107-1 | 0.50      | 0.46      | 0.43      | 0.46       | 7.61    | ppb   |
| Silver     | 109-1 | 0.48      | 0.42      | 0.42      | 0.44       | 7.40    | ppb   |
| Sodium     | 23-2  | 317634.73 | 257039.42 | 230396.34 | 268356.83  | 16.66   | ppb   |
| Strontium  | 86-1  | 399.67    | 418.95    | 420.15    | 412.92     | 2.78    | ppb   |
| Strontium  | 88-1  | 400.51    | 391.59    | 395.29    | 395.80     | 1.13    | ppb   |
| Sulfur     | 34-1  | -1712.06  | -1820.80  | -1699.50  | -1744.12   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 117        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 0.25      | 0.23      | 0.17      | 0.22       | 18.14   | ppb   |
| Thallium   | 205-1 | 0.22      | 0.20      | 0.15      | 0.19       | 21.20   | ppb   |
| Tin        | 118-1 | 0.08      | 0.10      | 0.07      | 0.08       | 13.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.33    | 1.19    | 1.25    | 1.26       | 5.45    | ppb   |
| Uranium   | 238-1 | 0.39    | 0.42    | 0.37    | 0.40       | 6.64    | ppb   |
| Vanadium  | 51-2  | 0.39    | 0.33    | 0.27    | 0.33       | 19.29   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 132        |         | %     |
| Yttrium   | 89-2  |         |         |         | 114        |         | %     |
| Zinc      | 66-2  | 242.31  | 202.57  | 176.46  | 207.11     | 16.01   | ppb   |
| Zirconium | 90-1  | 0.08    | 0.07    | 0.07    | 0.07       | 6.10    | ppb   |
| Zirconium | 91-1  | 0.04    | 0.06    | 0.06    | 0.05       | 24.43   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:04:39 | DataFile Name :   | 058AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29.57    | 27.04    | 29.07    | 28.56      | 4.69    | ppb   |
| Antimony   | 121-1 | 0.25     | 0.25     | 0.32     | 0.27       | 14.09   | ppb   |
| Arsenic    | 75-2  | 0.23     | 0.16     | 0.17     | 0.19       | 20.13   | ppb   |
| Barium     | 135-1 | 46.34    | 46.26    | 46.11    | 46.23      | 0.25    | ppb   |
| Barium     | 137-1 | 47.23    | 46.04    | 45.47    | 46.25      | 1.94    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.02     | 0.03     | 0.03       | 12.96   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 119        |         | %     |
| Boron      | 10-1  | 110.54   | 104.76   | 100.93   | 105.41     | 4.59    | ppb   |
| Boron      | 11-1  | 116.16   | 108.90   | 102.53   | 109.20     | 6.24    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | -0.01    | -0.07    | -0.11    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.36    | -2.40    | -2.55    | -2.11      |         | ppb   |
| Cadmium    | 108-1 | -0.92    | -0.89    | -0.81    | -0.87      |         | ppb   |
| Calcium    | 43-1  | 28232.83 | 28305.25 | 28578.63 | 28372.24   | 0.64    | ppb   |
| Calcium    | 44-1  | 29125.36 | 28562.53 | 27981.17 | 28556.36   | 2.00    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.12     | 0.14     | 0.06     | 0.11       | 36.48   | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.07     | 0.08     | 0.08       | 10.46   | ppb   |
| Copper     | 63-2  | 405.66   | 428.91   | 428.16   | 420.91     | 3.14    | 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 |          |          |          | 123        |         | %     |
| Indium     | 115-1 |          |          |          | 117        |         | %     |
| Indium     | 115-2 |          |          |          | 118        |         | %     |
| Iron       | 54-2  | 15.35    | 15.67    | 16.09    | 15.70      | 2.37    | ppb   |
| Iron       | 56-2  | 16.93    | 16.43    | 16.02    | 16.46      | 2.76    | ppb   |
| Iron       | 57-2  | 42.29    | 37.98    | 43.53    | 41.27      | 7.06    | ppb   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01 Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:04:39 DataFile Name : 058AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.61     | 0.62     | 0.69     | 0.64       | 6.39    | ppb   |
| Lead       | 207-1 | 0.61     | 0.67     | 0.72     | 0.67       | 8.63    | ppb   |
| Lead       | 208-1 | 0.63     | 0.65     | 0.67     | 0.65       | 3.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 10424.63 | 10110.75 | 9981.52  | 10172.30   | 2.24    | ppb   |
| Manganese  | 55-2  | 3.94     | 3.89     | 3.98     | 3.94       | 1.03    | ppb   |
| Molybdenum | 94-1  | 0.45     | 0.55     | 0.54     | 0.51       | 11.03   | ppb   |
| Molybdenum | 95-1  | 0.43     | 0.53     | 0.54     | 0.50       | 12.69   | ppb   |
| Molybdenum | 96-1  | 0.45     | 0.48     | 0.46     | 0.46       | 2.39    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.62     | 0.57     | 0.57       | 7.95    | ppb   |
| Molybdenum | 98-1  | 0.51     | 0.51     | 0.50     | 0.51       | 1.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.58     | 2.82     | 2.65     | 2.68       | 4.57    | ppb   |
| Phosphorus | 31-2  | 309.37   | 288.76   | 311.60   | 303.24     | 4.15    | ppb   |
| Potassium  | 39-2  | 2015.84  | 1994.90  | 1985.70  | 1998.82    | 0.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 113        |         | %     |
| Scandium   | 45-1  |          |          |          | 118        |         | %     |
| Scandium   | 45-2  |          |          |          | 116        |         | %     |
| Selenium   | 82-1  | 0.78     | 1.02     | 0.23     | 0.68       | 60.18   | ppb   |
| Selenium   | 77-2  | 0.25     | 0.24     | -0.17    | 0.11       | 218.47  | ppb   |
| Selenium   | 78-2  | -0.88    | -0.56    | 0.00     | -0.48      |         | ppb   |
| Silicon    | 28-1  | 702.85   | 708.59   | 689.26   | 700.23     | 1.42    | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.07     | 0.07       | 11.64   | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.06     | 0.07       | 4.14    | ppb   |
| Sodium     | 23-2  | 50875.03 | 49878.12 | 49417.23 | 50056.80   | 1.49    | ppb   |
| Strontium  | 86-1  | 145.48   | 141.96   | 137.87   | 141.77     | 2.68    | ppb   |
| Strontium  | 88-1  | 147.89   | 143.63   | 140.55   | 144.02     | 2.56    | ppb   |
| Sulfur     | 34-1  | 16428.68 | 16455.70 | 15618.42 | 16167.60   | 2.94    | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 121        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.05     | 0.04     | 0.05       | 6.58    | ppb   |
| Thallium   | 205-1 | 0.04     | 0.03     | 0.04     | 0.04       | 9.57    | ppb   |
| Tin        | 118-1 | 0.52     | 0.52     | 0.50     | 0.52       | 2.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:04:39 | DataFile Name :   | 058AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.67    | 0.64    | 0.68    | 0.67       | 2.88    | ppb   |
| Uranium   | 238-1 | 0.03    | 0.05    | 0.03    | 0.04       | 25.40   | ppb   |
| Vanadium  | 51-2  | 0.22    | 0.18    | 0.22    | 0.21       | 10.59   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 117        |         | %     |
| Zinc      | 66-2  | 120.13  | 120.61  | 118.05  | 119.60     | 1.14    | ppb   |
| Zirconium | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 9.31    | ppb   |
| Zirconium | 91-1  | 0.03    | 0.00    | 0.02    | 0.02       | 69.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:07:34 | DataFile Name :   | 059AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26.78    | 27.11    | 27.45    | 27.11      | 1.25    | ppb   |
| Antimony   | 121-1 | 0.18     | 0.22     | 0.22     | 0.20       | 12.33   | ppb   |
| Arsenic    | 75-2  | 0.15     | 0.09     | 0.18     | 0.14       | 33.14   | ppb   |
| Barium     | 135-1 | 41.76    | 41.39    | 41.27    | 41.48      | 0.62    | ppb   |
| Barium     | 137-1 | 42.62    | 42.03    | 41.70    | 42.12      | 1.11    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.02     | 0.02     | 0.02       | 31.65   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 118        |         | %     |
| Boron      | 10-1  | 77.80    | 74.62    | 79.90    | 77.44      | 3.43    | ppb   |
| Boron      | 11-1  | 79.41    | 79.39    | 81.49    | 80.10      | 1.51    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | -0.22    | -0.21    | -0.13    | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -3.86    | -3.49    | -2.50    | -3.29      |         | ppb   |
| Cadmium    | 108-1 | -0.76    | -0.80    | -0.86    | -0.81      |         | ppb   |
| Calcium    | 43-1  | 26985.81 | 26500.67 | 26696.62 | 26727.70   | 0.91    | ppb   |
| Calcium    | 44-1  | 27536.47 | 26380.54 | 25738.90 | 26551.97   | 3.43    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.65     | 0.72     | 0.70     | 0.69       | 5.08    | ppb   |
| Cobalt     | 59-2  | 0.06     | 0.08     | 0.06     | 0.07       | 14.71   | ppb   |
| Copper     | 63-2  | 406.68   | 410.81   | 407.55   | 408.35     | 0.53    | 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 |          |          |          | 124        |         | %     |
| Holmium    | 165-2 |          |          |          | 122        |         | %     |
| Indium     | 115-1 |          |          |          | 119        |         | %     |
| Indium     | 115-2 |          |          |          | 120        |         | %     |
| Iron       | 54-2  | 18.65    | 16.56    | 17.89    | 17.70      | 5.99    | ppb   |
| Iron       | 56-2  | 17.03    | 17.12    | 16.45    | 16.87      | 2.17    | ppb   |
| Iron       | 57-2  | 37.26    | 43.46    | 40.72    | 40.48      | 7.67    | ppb   |



LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01DUP Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:07:34 DataFile Name : 059AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.50     | 0.57     | 0.52     | 0.53       | 6.66    | ppb   |
| Lead       | 207-1 | 0.53     | 0.61     | 0.54     | 0.56       | 7.93    | ppb   |
| Lead       | 208-1 | 0.54     | 0.59     | 0.54     | 0.56       | 4.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 121        |         | %     |
| Magnesium  | 24-2  | 9726.87  | 9924.64  | 9852.58  | 9834.70    | 1.02    | ppb   |
| Manganese  | 55-2  | 3.73     | 3.78     | 3.71     | 3.74       | 0.88    | ppb   |
| Molybdenum | 94-1  | 0.35     | 0.43     | 0.41     | 0.40       | 11.21   | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.43     | 0.49     | 0.44       | 12.10   | ppb   |
| Molybdenum | 96-1  | 0.42     | 0.39     | 0.41     | 0.41       | 4.13    | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.47     | 0.46     | 0.44       | 11.03   | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.43     | 0.43     | 0.43       | 0.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.89     | 2.94     | 2.97     | 2.93       | 1.40    | ppb   |
| Phosphorus | 31-2  | 289.90   | 289.51   | 293.22   | 290.88     | 0.70    | ppb   |
| Potassium  | 39-2  | 1906.98  | 1908.17  | 1936.72  | 1917.29    | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 113        |         | %     |
| Scandium   | 45-1  |          |          |          | 116        |         | %     |
| Scandium   | 45-2  |          |          |          | 113        |         | %     |
| Selenium   | 82-1  | -0.02    | 1.45     | 1.47     | 0.97       | 88.73   | ppb   |
| Selenium   | 77-2  | 0.26     | -0.17    | -0.17    | -0.03      |         | ppb   |
| Selenium   | 78-2  | -0.72    | -0.27    | -1.29    | -0.76      |         | ppb   |
| Silicon    | 28-1  | 669.79   | 664.35   | 643.39   | 659.17     | 2.11    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.04     | 0.04       | 8.73    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.04     | 0.04       | 4.87    | ppb   |
| Sodium     | 23-2  | 48885.71 | 49469.67 | 48773.05 | 49042.81   | 0.76    | ppb   |
| Strontium  | 86-1  | 134.16   | 132.61   | 134.26   | 133.68     | 0.69    | ppb   |
| Strontium  | 88-1  | 135.24   | 135.00   | 136.87   | 135.70     | 0.75    | ppb   |
| Sulfur     | 34-1  | 15197.15 | 15143.17 | 14488.43 | 14942.92   | 2.64    | ppb   |
| Terbium    | 159-1 |          |          |          | 121        |         | %     |
| Terbium    | 159-2 |          |          |          | 121        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.03     | 0.02     | 0.02       | 74.62   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | -0.01    | 0.00       | 2010.50 | ppb   |
| Tin        | 118-1 | 0.43     | 0.41     | 0.40     | 0.41       | 2.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:07:34 | DataFile Name :   | 059AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.56    | 0.48    | 0.47    | 0.50       | 9.68    | ppb   |
| Uranium   | 238-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.63   | ppb   |
| Vanadium  | 51-2  | 0.22    | 0.21    | 0.21    | 0.21       | 2.10    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 115        |         | %     |
| Zinc      | 66-2  | 117.71  | 116.68  | 114.14  | 116.18     | 1.58    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 16.98   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.01    | 0.01    | 0.01       | 22.62   | ppb   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01LX5 Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 5  
 Date & Time Acquired :: 2022-04-06 17:10:28 DataFile Name : 060AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.60    | 5.38    | 6.11    | 5.70       | 6.55    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.10    | 0.13    | 0.12       | 16.79   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.01    | 0.04    | 0.03       | 67.16   | ppb   |
| Barium     | 135-1 | 8.67    | 8.19    | 8.58    | 8.48       | 2.98    | ppb   |
| Barium     | 137-1 | 9.04    | 8.71    | 8.53    | 8.76       | 2.96    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.02    | 0.01       | 36.65   | ppb   |
| Bismuth    | 209-1 |         |         |         | 120        |         | %     |
| Bismuth    | 209-2 |         |         |         | 118        |         | %     |
| Boron      | 10-1  | 49.25   | 48.52   | 45.20   | 47.66      | 4.53    | ppb   |
| Boron      | 11-1  | 50.08   | 52.57   | 47.41   | 50.02      | 5.15    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.04   | -0.23   | -0.21   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.60   | -3.80   | -3.39   | -2.93      |         | ppb   |
| Cadmium    | 108-1 | -0.90   | -0.93   | -0.81   | -0.88      |         | ppb   |
| Calcium    | 43-1  | 5427.60 | 5299.14 | 5310.32 | 5345.68    | 1.33    | ppb   |
| Calcium    | 44-1  | 5460.37 | 5446.35 | 5430.89 | 5445.87    | 0.27    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.02    | 0.03    | 0.02    | 0.02       | 38.67   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 22.52   | ppb   |
| Copper     | 63-2  | 80.43   | 80.13   | 79.48   | 80.01      | 0.61    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 116        |         | %     |
| Indium     | 115-1 |         |         |         | 118        |         | %     |
| Indium     | 115-2 |         |         |         | 114        |         | %     |
| Iron       | 54-2  | 2.19    | 3.30    | 2.44    | 2.64       | 22.12   | ppb   |
| Iron       | 56-2  | 3.03    | 2.92    | 3.06    | 3.01       | 2.47    | ppb   |
| Iron       | 57-2  | 6.46    | 8.84    | 8.86    | 8.05       | 17.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:10:28 | DataFile Name :   | 060AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.17    | 0.17    | 0.18    | 0.17       | 2.79    | ppb   |
| Lead       | 207-1 | 0.19    | 0.18    | 0.13    | 0.17       | 17.68   | ppb   |
| Lead       | 208-1 | 0.18    | 0.17    | 0.16    | 0.17       | 5.42    | ppb   |
| Lithium    | 6-1   |         |         |         | 117        |         | %     |
| Magnesium  | 24-2  | 1931.17 | 1931.99 | 1912.51 | 1925.22    | 0.57    | ppb   |
| Manganese  | 55-2  | 0.73    | 0.78    | 0.74    | 0.75       | 3.49    | ppb   |
| Molybdenum | 94-1  | 0.13    | 0.10    | 0.10    | 0.11       | 14.34   | ppb   |
| Molybdenum | 95-1  | 0.14    | 0.10    | 0.13    | 0.12       | 15.75   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.06    | 0.06    | 0.07       | 16.74   | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.12    | 0.13    | 0.12       | 9.76    | ppb   |
| Molybdenum | 98-1  | 0.11    | 0.10    | 0.12    | 0.11       | 9.93    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.53    | 0.52    | 0.52    | 0.52       | 1.71    | ppb   |
| Phosphorus | 31-2  | 44.18   | 61.59   | 42.43   | 49.40      | 21.45   | ppb   |
| Potassium  | 39-2  | 382.73  | 380.90  | 387.88  | 383.84     | 0.94    | ppb   |
| Rhodium    | 103-1 |         |         |         | 113        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 113        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 82-1  | -0.04   | 0.73    | 0.02    | 0.24       | 178.37  | ppb   |
| Selenium   | 77-2  | -0.17   | -0.17   | 0.28    | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.40   | -0.70   | -0.33   | -0.48      |         | ppb   |
| Silicon    | 28-1  | 129.30  | 128.58  | 124.83  | 127.57     | 1.88    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.03       | 13.20   | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 0.73    | ppb   |
| Sodium     | 23-2  | 9921.86 | 9782.60 | 9725.57 | 9810.01    | 1.03    | ppb   |
| Strontium  | 86-1  | 26.45   | 26.37   | 26.91   | 26.57      | 1.09    | ppb   |
| Strontium  | 88-1  | 28.03   | 27.18   | 28.30   | 27.84      | 2.09    | ppb   |
| Sulfur     | 34-1  | 2704.19 | 2298.07 | 2562.83 | 2521.70    | 8.18    | ppb   |
| Terbium    | 159-1 |         |         |         | 116        |         | %     |
| Terbium    | 159-2 |         |         |         | 114        |         | %     |
| Thallium   | 203-1 | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.10    | 0.08    | 0.08    | 0.09       | 13.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:10:28 | DataFile Name :   | 060AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.12    | 0.30    | 0.18    | 0.20       | 46.40   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.01    | 0.01       | 38.35   | ppb   |
| Vanadium  | 51-2  | 0.05    | 0.04    | 0.03    | 0.04       | 22.34   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 110        |         | %     |
| Zinc      | 66-2  | 23.76   | 24.18   | 23.80   | 23.91      | 0.98    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 23.02   | ppb   |
| Zirconium | 91-1  | 0.00    | -0.02   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51620.98  | 51193.67  | 49660.75  | 50825.14   | 2.03    | ppb   |
| Antimony   | 121-1 | 509.25    | 556.74    | 531.09    | 532.36     | 4.47    | ppb   |
| Arsenic    | 75-2  | 457.93    | 450.05    | 457.58    | 455.19     | 0.98    | ppb   |
| Barium     | 135-1 | 2486.22   | 2806.35   | 2560.72   | 2617.76    | 6.40    | ppb   |
| Barium     | 137-1 | 2528.86   | 2786.63   | 2540.35   | 2618.61    | 5.56    | ppb   |
| Beryllium  | 9-1   | 475.18    | 523.80    | 518.10    | 505.69     | 5.26    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 105        |         | %     |
| Boron      | 10-1  | 426.93    | 473.61    | 497.25    | 465.93     | 7.68    | ppb   |
| Boron      | 11-1  | 419.25    | 471.46    | 449.26    | 446.66     | 5.87    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 489.20    | 532.55    | 501.25    | 507.66     | 4.41    | ppb   |
| Cadmium    | 106-1 | 495.07    | 542.21    | 497.32    | 511.53     | 5.20    | ppb   |
| Cadmium    | 108-1 | 488.40    | 534.48    | 513.40    | 512.09     | 4.51    | ppb   |
| Calcium    | 43-1  | 246078.89 | 270912.54 | 255305.09 | 257432.17  | 4.88    | ppb   |
| Calcium    | 44-1  | 236671.36 | 278534.09 | 260135.97 | 258447.14  | 8.12    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 516.58    | 505.63    | 506.01    | 509.41     | 1.22    | ppb   |
| Cobalt     | 59-2  | 480.73    | 495.63    | 494.37    | 490.25     | 1.69    | ppb   |
| Copper     | 63-2  | 5038.97   | 5023.07   | 4911.57   | 4991.21    | 1.39    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 114        |         | %     |
| Holmium    | 165-2 |           |           |           | 117        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 105        |         | %     |
| Iron       | 54-2  | 126065.72 | 126887.58 | 123718.55 | 125557.28  | 1.31    | ppb   |
| Iron       | 56-2  | 126901.48 | 129045.99 | 129213.50 | 128386.99  | 1.00    | ppb   |
| Iron       | 57-2  | 126877.47 | 123098.94 | 124478.72 | 124818.38  | 1.53    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2447.97   | 2825.92   | 2711.49   | 2661.79    | 7.28    | ppb   |
| Lead       | 207-1 | 2588.98   | 2824.86   | 2853.93   | 2755.92    | 5.27    | ppb   |
| Lead       | 208-1 | 2590.85   | 2822.86   | 2778.17   | 2730.63    | 4.51    | ppb   |
| Lithium    | 6-1   |           |           |           | 107        |         | %     |
| Magnesium  | 24-2  | 251883.45 | 249434.83 | 247300.22 | 249539.50  | 0.92    | ppb   |
| Manganese  | 55-2  | 4946.05   | 5031.48   | 5018.73   | 4998.75    | 0.92    | ppb   |
| Molybdenum | 94-1  | 5008.04   | 5449.26   | 5384.79   | 5280.70    | 4.51    | ppb   |
| Molybdenum | 95-1  | 4854.45   | 5503.01   | 5431.31   | 5262.92    | 6.76    | ppb   |
| Molybdenum | 96-1  | 4988.66   | 5499.03   | 5470.22   | 5319.30    | 5.39    | ppb   |
| Molybdenum | 97-1  | 4999.15   | 5601.54   | 5375.56   | 5325.42    | 5.71    | ppb   |
| Molybdenum | 98-1  | 4970.18   | 5545.56   | 5337.35   | 5284.36    | 5.51    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 521.64    | 518.02    | 513.91    | 517.86     | 0.75    | ppb   |
| Phosphorus | 31-2  | 9946.89   | 10173.19  | 10075.95  | 10065.34   | 1.13    | ppb   |
| Potassium  | 39-2  | 125784.02 | 125479.31 | 124530.01 | 125264.44  | 0.52    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 99         |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 108        |         | %     |
| Selenium   | 82-1  | 492.53    | 545.99    | 542.06    | 526.86     | 5.65    | ppb   |
| Selenium   | 77-2  | 516.51    | 518.88    | 488.50    | 507.96     | 3.33    | ppb   |
| Selenium   | 78-2  | 508.95    | 497.15    | 495.04    | 500.38     | 1.50    | ppb   |
| Silicon    | 28-1  | 337.91    | 396.55    | 360.27    | 364.91     | 8.11    | ppb   |
| Silver     | 107-1 | 464.20    | 507.80    | 459.76    | 477.26     | 5.56    | ppb   |
| Silver     | 109-1 | 468.84    | 510.56    | 465.72    | 481.70     | 5.20    | ppb   |
| Sodium     | 23-2  | 243555.20 | 248045.99 | 252563.57 | 248054.92  | 1.82    | ppb   |
| Strontium  | 86-1  | 505.23    | 571.84    | 557.83    | 544.96     | 6.44    | ppb   |
| Strontium  | 88-1  | 516.60    | 572.68    | 547.13    | 545.47     | 5.15    | ppb   |
| Sulfur     | 34-1  | 8413.84   | 10581.81  | 9290.06   | 9428.57    | 11.57   | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 116        |         | %     |
| Thallium   | 203-1 | 511.34    | 607.41    | 568.72    | 562.49     | 8.59    | ppb   |
| Thallium   | 205-1 | 501.21    | 611.86    | 536.52    | 549.86     | 10.28   | ppb   |
| Tin        | 118-1 | 506.02    | 550.97    | 510.83    | 522.60     | 4.72    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4935.16 | 5592.47 | 5244.39 | 5257.34    | 6.26    | ppb   |
| Uranium   | 238-1 | 558.10  | 592.97  | 564.58  | 571.88     | 3.24    | ppb   |
| Vanadium  | 51-2  | 511.66  | 489.15  | 484.70  | 495.17     | 2.92    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 110        |         | %     |
| Zinc      | 66-2  | 4915.44 | 4929.31 | 4936.95 | 4927.23    | 0.22    | ppb   |
| Zirconium | 90-1  | 511.16  | 555.07  | 531.53  | 532.59     | 4.13    | ppb   |
| Zirconium | 91-1  | 501.48  | 561.04  | 540.45  | 534.32     | 5.66    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:21:49 | DataFile Name :   | 062CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.70    | 0.74    | 0.79    | 0.74       | 6.25    | ppb   |
| Antimony   | 121-1 | 0.11    | 0.14    | 0.14    | 0.13       | 13.87   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | 0.00    | 0.00       | 471.14  | ppb   |
| Barium     | 135-1 | 0.06    | 0.06    | 0.04    | 0.05       | 28.00   | ppb   |
| Barium     | 137-1 | 0.05    | 0.06    | 0.04    | 0.05       | 14.69   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 11.52   | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 33.99   | 32.07   | 34.65   | 33.57      | 4.00    | ppb   |
| Boron      | 11-1  | 34.41   | 32.83   | 33.87   | 33.70      | 2.37    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.22   | -0.27   | -0.28   | -0.26      |         | ppb   |
| Cadmium    | 106-1 | -3.61   | -4.14   | -4.28   | -4.01      |         | ppb   |
| Cadmium    | 108-1 | -0.88   | -0.92   | -0.89   | -0.90      |         | ppb   |
| Calcium    | 43-1  | 3.45    | 3.28    | 4.82    | 3.85       | 21.98   | ppb   |
| Calcium    | 44-1  | -0.35   | -1.24   | -0.47   | -0.68      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.03   | 0.04    | 0.01    | 0.01       | 648.02  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 48.31   | ppb   |
| Copper     | 63-2  | 0.19    | 0.20    | 0.17    | 0.19       | 7.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 119        |         | %     |
| Holmium    | 165-2 |         |         |         | 116        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 111        |         | %     |
| Iron       | 54-2  | 1.97    | 1.32    | 1.93    | 1.74       | 20.90   | ppb   |
| Iron       | 56-2  | 1.96    | 1.98    | 1.66    | 1.87       | 9.83    | ppb   |
| Iron       | 57-2  | 1.72    | 4.09    | 0.47    | 2.09       | 87.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:21:49 | DataFile Name :   | 062CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.07     | 0.10     | 0.08       | 19.08   | ppb   |
| Lead       | 207-1 | 0.06     | 0.08     | 0.09     | 0.08       | 15.88   | ppb   |
| Lead       | 208-1 | 0.08     | 0.09     | 0.09     | 0.09       | 8.31    | ppb   |
| Lithium    | 6-1   |          |          |          | 114        |         | %     |
| Magnesium  | 24-2  | 4.91     | 4.48     | 4.30     | 4.56       | 6.93    | ppb   |
| Manganese  | 55-2  | 0.13     | 0.05     | 0.11     | 0.09       | 44.20   | ppb   |
| Molybdenum | 94-1  | 0.18     | 0.15     | 0.15     | 0.16       | 12.19   | ppb   |
| Molybdenum | 95-1  | 0.17     | 0.09     | 0.12     | 0.13       | 33.97   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.12     | 0.10     | 0.12       | 10.66   | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.12     | 0.14     | 0.13       | 9.00    | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.11     | 0.11     | 0.11       | 8.14    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.01     | 0.00     | 0.00       | 145.20  | ppb   |
| Phosphorus | 31-2  | -12.31   | 5.83     | -12.07   | -6.19      |         | ppb   |
| Potassium  | 39-2  | -9.00    | -6.35    | -7.31    | -7.55      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | -0.10    | 0.74     | 0.36     | 0.33       | 126.17  | ppb   |
| Selenium   | 77-2  | -0.17    | -0.17    | 0.28     | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.47    | -0.04    | -0.56    | -0.36      |         | ppb   |
| Silicon    | 28-1  | -2.64    | -3.14    | -2.36    | -2.71      |         | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.95   | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.05     | 0.04       | 21.84   | ppb   |
| Sodium     | 23-2  | 102.40   | 106.55   | 107.35   | 105.43     | 2.52    | ppb   |
| Strontium  | 86-1  | -0.44    | -0.46    | -0.39    | -0.43      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.01     | 0.01     | 0.01       | 37.95   | ppb   |
| Sulfur     | 34-1  | -1685.95 | -1685.28 | -1439.14 | -1603.46   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 114        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.05     | 0.03       | 43.72   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.01       | 46.34   | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | -0.05    | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:21:49 | DataFile Name :   | 062CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.07    | 0.04    | 0.06    | 0.06       | 28.99   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.32   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 46.73   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 0.12    | 0.08    | 0.16    | 0.12       | 32.22   | ppb   |
| Zirconium | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 15.12   | ppb   |
| Zirconium | 91-1  | -0.01   | 0.01    | 0.01    | 0.00       | 361.56  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 66      | 82       | 71      | 73      | 11.35  | cps   |
| Antimony   | 121-1 | 33      | 42       | 75      | 50      | 44.10  | cps   |
| Arsenic    | 75-2  | 3       | 7        | 11      | 7       | 57.14  | cps   |
| Barium     | 135-1 | 50      | 67       | 33      | 50      | 33.34  | cps   |
| Barium     | 137-1 | 17      | 42       | 25      | 28      | 45.82  | cps   |
| Beryllium  | 9-1   | 50      | 50       | 44      | 48      | 7.22   | cps   |
| Bismuth    | 209-1 | 5461097 | 5845187  | 5895768 | 5734017 | 4.15   | cps   |
| Bismuth    | 209-2 | 3183527 | 3115858  | 3217332 | 3172239 | 1.63   | cps   |
| Boron      | 10-1  | 472     | 446      | 430     | 449     | 4.72   | cps   |
| Boron      | 11-1  | 1974    | 2024     | 2026    | 2008    | 1.47   | cps   |
| Bromine    | 81-1  | 72704   | 78445    | 74872   | 75340   | 3.85   | cps   |
| Cadmium    | 111-1 | 4173    | 4139     | 4265    | 4192    | 1.56   | cps   |
| Cadmium    | 106-1 | 6127    | 6043     | 6177    | 6115    | 1.10   | cps   |
| Cadmium    | 108-1 | 225     | 208      | 179     | 204     | 11.36  | cps   |
| Calcium    | 43-1  | 236     | 216      | 207     | 220     | 6.70   | cps   |
| Calcium    | 44-1  | 14072   | 14140    | 14034   | 14082   | 0.38   | cps   |
| Carbon     | 12-1  | 9504018 | 9411954  | 9258159 | 9391377 | 1.32   | cps   |
| Carbon     | 12-2  | 85708   | 85750    | 82129   | 84529   | 2.46   | cps   |
| Chlorine   | 35-1  | 209294  | 211361   | 211306  | 210654  | 0.56   | cps   |
| Chlorine   | 35-2  | 1383    | 1375     | 1400    | 1386    | 0.92   | cps   |
| Chromium   | 52-2  | 1273    | 1100     | 1230    | 1201    | 7.51   | cps   |
| Cobalt     | 59-2  | 60      | 67       | 70      | 66      | 7.77   | cps   |
| Copper     | 63-2  | 860     | 923      | 750     | 844     | 10.39  | cps   |
| Dysprosium | 156-1 | 0       | 17       | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 7        | 7       | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 108     | 92       | 75      | 92      | 18.18  | cps   |
| Erbium     | 164-2 | 30      | 30       | 30      | 30      | 0.00   | cps   |
| Gadolinium | 160-1 | 67      | 108      | 142     | 106     | 35.60  | cps   |
| Gadolinium | 160-2 | 80      | 113      | 93      | 96      | 17.56  | cps   |
| Holmium    | 165-1 | 9238621 | 10243074 | 9871134 | 9784276 | 5.19   | cps   |
| Holmium    | 165-2 | 4330281 | 4655159  | 4631479 | 4538973 | 3.99   | cps   |
| Indium     | 115-1 | 9399124 | 10097542 | 9631720 | 9709462 | 3.66   | cps   |
| Indium     | 115-2 | 1543278 | 1580024  | 1597335 | 1573546 | 1.75   | cps   |
| Iron       | 54-2  | 844     | 839      | 833     | 839     | 0.66   | cps   |
| Iron       | 56-2  | 6068    | 6502     | 6207    | 6259    | 3.54   | cps   |
| Iron       | 57-2  | 172     | 278      | 244     | 231     | 23.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11821    | 11502    | 11622    | 11648    | 1.38   | cps   |
| Lead       | 206-1 | 583      | 556      | 722      | 620      | 14.39  | cps   |
| Lead       | 207-1 | 483      | 478      | 478      | 480      | 0.67   | cps   |
| Lead       | 208-1 | 2250     | 2239     | 2489     | 2326     | 6.07   | cps   |
| Lithium    | 6-1   | 9193428  | 9845832  | 10006831 | 9682030  | 4.45   | cps   |
| Magnesium  | 24-2  | 300      | 483      | 367      | 383      | 24.21  | cps   |
| Manganese  | 55-2  | 160      | 107      | 127      | 131      | 20.55  | cps   |
| Molybdenum | 94-1  | 183      | 258      | 192      | 211      | 19.47  | cps   |
| Molybdenum | 95-1  | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Molybdenum | 96-1  | 333      | 475      | 458      | 422      | 18.34  | cps   |
| Molybdenum | 97-1  | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Molybdenum | 98-1  | 133      | 108      | 117      | 119      | 10.66  | cps   |
| Neodymium  | 150-1 | 7        | 33       | 20       | 20       | 66.65  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 27       | 53       | 63       | 48       | 39.66  | cps   |
| Phosphorus | 31-2  | 183      | 142      | 108      | 144      | 26.01  | cps   |
| Potassium  | 39-2  | 25114    | 24688    | 25064    | 24955    | 0.93   | cps   |
| Rhodium    | 103-1 | 9447204  | 10495508 | 10103301 | 10015338 | 5.29   | cps   |
| Rhodium    | 103-2 | 4244430  | 4413840  | 4407854  | 4355375  | 2.21   | cps   |
| Scandium   | 45-1  | 8400210  | 9138940  | 8799708  | 8779619  | 4.21   | cps   |
| Scandium   | 45-2  | 266306   | 267949   | 270097   | 268118   | 0.71   | cps   |
| Selenium   | 82-1  | -294     | -145     | -74      | -171     | -65.70 | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 121      | 128      | 130      | 126      | 3.74   | cps   |
| Silicon    | 28-1  | 1066336  | 1060418  | 1041846  | 1056200  | 1.21   | cps   |
| Silver     | 107-1 | 125      | 133      | 150      | 136      | 9.35   | cps   |
| Silver     | 109-1 | 50       | 50       | 50       | 50       | 0.00   | cps   |
| Sodium     | 23-2  | 16084    | 16335    | 16852    | 16424    | 2.38   | cps   |
| Strontium  | 86-1  | 18237    | 17737    | 17662    | 17879    | 1.75   | cps   |
| Strontium  | 88-1  | 383      | 300      | 233      | 306      | 24.60  | cps   |
| Sulfur     | 34-1  | 516418   | 524477   | 530450   | 523782   | 1.34   | cps   |
| Terbium    | 159-1 | 10005876 | 10914077 | 10715417 | 10545123 | 4.53   | cps   |
| Terbium    | 159-2 | 4457631  | 4535881  | 4593473  | 4528995  | 1.51   | cps   |
| Thallium   | 203-1 | 425      | 458      | 467      | 450      | 4.90   | cps   |
| Thallium   | 205-1 | 1192     | 1350     | 1267     | 1270     | 6.24   | cps   |
| Tin        | 118-1 | 1550     | 1642     | 1575     | 1589     | 2.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:35:13 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 333      | 375      | 358      | 356      | 5.90   | cps   |
| Uranium   | 238-1 | 33       | 42       | 17       | 31       | 41.66  | cps   |
| Vanadium  | 51-2  | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Ytterbium | 172-1 | 83       | 42       | 75       | 67       | 33.07  | cps   |
| Ytterbium | 172-2 | 33       | 33       | 28       | 31       | 10.18  | cps   |
| Ytterbium | 176-1 | 1600     | 1817     | 1784     | 1734     | 6.73   | cps   |
| Ytterbium | 176-2 | 6102     | 6313     | 6624     | 6346     | 4.14   | cps   |
| Yttrium   | 89-1  | 16915690 | 17839207 | 17726479 | 17493792 | 2.88   | cps   |
| Yttrium   | 89-2  | 1895312  | 1952998  | 1945650  | 1931320  | 1.63   | cps   |
| Zinc      | 66-2  | 197      | 150      | 197      | 181      | 14.88  | cps   |
| Zirconium | 90-1  | 675      | 617      | 800      | 697      | 13.43  | cps   |
| Zirconium | 91-1  | 175      | 183      | 158      | 172      | 7.39   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1797     | 1742     | 1745     | 1762     | 1.76   | cps   |
| Antimony   | 121-1 | 13791    | 13874    | 13699    | 13788    | 0.64   | cps   |
| Arsenic    | 75-2  | 292      | 306      | 285      | 294      | 3.63   | cps   |
| Barium     | 135-1 | 18363    | 18889    | 18113    | 18455    | 2.15   | cps   |
| Barium     | 137-1 | 32248    | 32289    | 33375    | 32637    | 1.96   | cps   |
| Beryllium  | 9-1   | 5482     | 5508     | 5476     | 5489     | 0.31   | cps   |
| Bismuth    | 209-1 | 6103938  | 5770781  | 5660334  | 5845018  | 3.95   | cps   |
| Bismuth    | 209-2 | 3258174  | 3659380  | 3521242  | 3479599  | 5.86   | cps   |
| Boron      | 10-1  | 18664    | 19651    | 20905    | 19740    | 5.69   | cps   |
| Boron      | 11-1  | 84245    | 88827    | 92820    | 88631    | 4.84   | cps   |
| Bromine    | 81-1  | 74476    | 76178    | 77989    | 76215    | 2.30   | cps   |
| Cadmium    | 111-1 | 6505     | 6884     | 6662     | 6683     | 2.85   | cps   |
| Cadmium    | 106-1 | 6252     | 6327     | 6268     | 6282     | 0.63   | cps   |
| Cadmium    | 108-1 | 483      | 350      | 413      | 415      | 16.06  | cps   |
| Calcium    | 43-1  | 19493    | 19521    | 18951    | 19322    | 1.66   | cps   |
| Calcium    | 44-1  | 325050   | 326975   | 318857   | 323627   | 1.31   | cps   |
| Carbon     | 12-1  | 9546332  | 9529633  | 9392538  | 9489501  | 0.89   | cps   |
| Carbon     | 12-2  | 88273    | 86873    | 84761    | 86636    | 2.04   | cps   |
| Chlorine   | 35-1  | 243867   | 242799   | 239113   | 241926   | 1.03   | cps   |
| Chlorine   | 35-2  | 1692     | 1583     | 1442     | 1572     | 7.98   | cps   |
| Chromium   | 52-2  | 6702     | 6238     | 6648     | 6529     | 3.88   | cps   |
| Cobalt     | 59-2  | 4838     | 4534     | 4951     | 4774     | 4.51   | cps   |
| Copper     | 63-2  | 8526     | 8476     | 8553     | 8518     | 0.46   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 23       | 3        | 3        | 10       | 115.51 | cps   |
| Erbium     | 164-1 | 42       | 75       | 92       | 69       | 36.66  | cps   |
| Erbium     | 164-2 | 20       | 23       | 23       | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 83       | 92       | 33       | 69       | 45.44  | cps   |
| Gadolinium | 160-2 | 113      | 80       | 100      | 98       | 17.16  | cps   |
| Holmium    | 165-1 | 9605641  | 9704925  | 10001764 | 9770777  | 2.11   | cps   |
| Holmium    | 165-2 | 4691881  | 5068258  | 5025293  | 4928478  | 4.18   | cps   |
| Indium     | 115-1 | 10513110 | 10170539 | 9879253  | 10187634 | 3.11   | cps   |
| Indium     | 115-2 | 1597560  | 1720556  | 1721986  | 1680034  | 4.25   | cps   |
| Iron       | 54-2  | 7163     | 7419     | 6996     | 7193     | 2.96   | cps   |
| Iron       | 56-2  | 120735   | 117671   | 119233   | 119213   | 1.29   | cps   |
| Iron       | 57-2  | 3156     | 3067     | 2711     | 2978     | 7.90   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11952    | 11593    | 11588    | 11711    | 1.78   | cps   |
| Lead       | 206-1 | 5379     | 5596     | 5212     | 5396     | 3.56   | cps   |
| Lead       | 207-1 | 4384     | 4362     | 5084     | 4610     | 8.91   | cps   |
| Lead       | 208-1 | 21802    | 21630    | 21919    | 21784    | 0.67   | cps   |
| Lithium    | 6-1   | 10021594 | 9976898  | 9849108  | 9949200  | 0.90   | cps   |
| Magnesium  | 24-2  | 122514   | 122975   | 119557   | 121682   | 1.52   | cps   |
| Manganese  | 55-2  | 1607     | 1583     | 1697     | 1629     | 3.67   | cps   |
| Molybdenum | 94-1  | 19180    | 19848    | 19114    | 19381    | 2.10   | cps   |
| Molybdenum | 95-1  | 23228    | 24430    | 23654    | 23771    | 2.56   | cps   |
| Molybdenum | 96-1  | 27394    | 27010    | 26885    | 27096    | 0.98   | cps   |
| Molybdenum | 97-1  | 14617    | 14925    | 14433    | 14658    | 1.70   | cps   |
| Molybdenum | 98-1  | 37694    | 38797    | 37719    | 38070    | 1.66   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 1423     | 1367     | 1557     | 1449     | 6.73   | cps   |
| Phosphorus | 31-2  | 292      | 242      | 350      | 294      | 18.42  | cps   |
| Potassium  | 39-2  | 115393   | 112126   | 110531   | 112683   | 2.20   | cps   |
| Rhodium    | 103-1 | 10347337 | 10293816 | 9911622  | 10184259 | 2.33   | cps   |
| Rhodium    | 103-2 | 4380007  | 4646522  | 4708465  | 4578331  | 3.81   | cps   |
| Scandium   | 45-1  | 9309701  | 9060978  | 9011014  | 9127231  | 1.75   | cps   |
| Scandium   | 45-2  | 267224   | 298372   | 300803   | 288799   | 6.48   | cps   |
| Selenium   | 82-1  | 505      | 1227     | 959      | 897      | 40.66  | cps   |
| Selenium   | 77-2  | 37       | 20       | 37       | 31       | 30.93  | cps   |
| Selenium   | 78-2  | 212      | 246      | 247      | 235      | 8.48   | cps   |
| Silicon    | 28-1  | 1231714  | 1209505  | 1176447  | 1205889  | 2.31   | cps   |
| Silver     | 107-1 | 13040    | 12806    | 12656    | 12834    | 1.51   | cps   |
| Silver     | 109-1 | 12514    | 12690    | 13215    | 12806    | 2.85   | cps   |
| Sodium     | 23-2  | 235722   | 235906   | 229626   | 233751   | 1.53   | cps   |
| Strontium  | 86-1  | 21183    | 21091    | 21125    | 21133    | 0.22   | cps   |
| Strontium  | 88-1  | 28346    | 27895    | 26852    | 27698    | 2.77   | cps   |
| Sulfur     | 34-1  | 508149   | 515414   | 522986   | 515516   | 1.44   | cps   |
| Terbium    | 159-1 | 11140316 | 11115819 | 10918175 | 11058103 | 1.10   | cps   |
| Terbium    | 159-2 | 4621303  | 4924101  | 5093977  | 4879793  | 4.91   | cps   |
| Thallium   | 203-1 | 6710     | 6760     | 6460     | 6644     | 2.42   | cps   |
| Thallium   | 205-1 | 15785    | 15618    | 15451    | 15618    | 1.07   | cps   |
| Tin        | 118-1 | 37335    | 36817    | 37068    | 37073    | 0.70   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:41:22 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9570     | 9003     | 9537     | 9370     | 3.40   | cps   |
| Uranium   | 238-1 | 18372    | 18539    | 17563    | 18158    | 2.88   | cps   |
| Vanadium  | 51-2  | 10427    | 10484    | 10757    | 10556    | 1.67   | cps   |
| Ytterbium | 172-1 | 67       | 58       | 17       | 47       | 56.72  | cps   |
| Ytterbium | 172-2 | 28       | 17       | 28       | 24       | 26.64  | cps   |
| Ytterbium | 176-1 | 1717     | 1717     | 1709     | 1714     | 0.28   | cps   |
| Ytterbium | 176-2 | 6035     | 7436     | 7302     | 6924     | 11.17  | cps   |
| Yttrium   | 89-1  | 18149414 | 17755623 | 17590347 | 17831795 | 1.61   | cps   |
| Yttrium   | 89-2  | 1947860  | 2068775  | 2110343  | 2042326  | 4.13   | cps   |
| Zinc      | 66-2  | 1100     | 1117     | 1250     | 1156     | 7.12   | cps   |
| Zirconium | 90-1  | 17770    | 17662    | 17670    | 17701    | 0.34   | cps   |
| Zirconium | 91-1  | 3826     | 3892     | 3826     | 3848     | 1.00   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 94779    | 94583    | 92902    | 94088    | 1.10   | cps   |
| Antimony   | 121-1 | 377987   | 376364   | 374127   | 376159   | 0.52   | cps   |
| Arsenic    | 75-2  | 14417    | 14314    | 14285    | 14338    | 0.48   | cps   |
| Barium     | 135-1 | 501306   | 499910   | 506597   | 502604   | 0.70   | cps   |
| Barium     | 137-1 | 879415   | 905430   | 883406   | 889417   | 1.58   | cps   |
| Beryllium  | 9-1   | 280089   | 278574   | 278485   | 279049   | 0.32   | cps   |
| Bismuth    | 209-1 | 5549829  | 5547151  | 5675501  | 5590827  | 1.31   | cps   |
| Bismuth    | 209-2 | 3256518  | 3213133  | 3261249  | 3243634  | 0.82   | cps   |
| Boron      | 10-1  | 54583    | 58184    | 58007    | 56925    | 3.57   | cps   |
| Boron      | 11-1  | 246732   | 251891   | 262150   | 253591   | 3.09   | cps   |
| Bromine    | 81-1  | 75001    | 73987    | 71674    | 73554    | 2.32   | cps   |
| Cadmium    | 111-1 | 135095   | 135897   | 136707   | 135900   | 0.59   | cps   |
| Cadmium    | 106-1 | 21309    | 19932    | 21334    | 20858    | 3.85   | cps   |
| Cadmium    | 108-1 | 10879    | 10792    | 10154    | 10608    | 3.73   | cps   |
| Calcium    | 43-1  | 211806   | 209542   | 207394   | 209581   | 1.05   | cps   |
| Calcium    | 44-1  | 3383986  | 3381772  | 3350437  | 3372065  | 0.56   | cps   |
| Carbon     | 12-1  | 11133200 | 10951586 | 11353452 | 11146079 | 1.81   | cps   |
| Carbon     | 12-2  | 110069   | 112698   | 110758   | 111175   | 1.23   | cps   |
| Chlorine   | 35-1  | 253027   | 248752   | 254862   | 252214   | 1.24   | cps   |
| Chlorine   | 35-2  | 1600     | 1850     | 1592     | 1681     | 8.74   | cps   |
| Chromium   | 52-2  | 146169   | 146254   | 143678   | 145367   | 1.01   | cps   |
| Cobalt     | 59-2  | 260471   | 256213   | 259226   | 258637   | 0.85   | cps   |
| Copper     | 63-2  | 2103469  | 2068770  | 2035924  | 2069388  | 1.63   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 17       | 44       | 54.12  | cps   |
| Dysprosium | 156-2 | 10       | 20       | 3        | 11       | 75.52  | cps   |
| Erbium     | 164-1 | 192      | 50       | 42       | 94       | 89.26  | cps   |
| Erbium     | 164-2 | 43       | 37       | 17       | 32       | 43.06  | cps   |
| Gadolinium | 160-1 | 117      | 83       | 100      | 100      | 16.66  | cps   |
| Gadolinium | 160-2 | 53       | 97       | 77       | 76       | 28.71  | cps   |
| Holmium    | 165-1 | 10067658 | 10282505 | 10183872 | 10178012 | 1.06   | cps   |
| Holmium    | 165-2 | 4642746  | 4720881  | 4601832  | 4655153  | 1.30   | cps   |
| Indium     | 115-1 | 10194273 | 10071784 | 10450615 | 10238890 | 1.89   | cps   |
| Indium     | 115-2 | 1568125  | 1571480  | 1569543  | 1569716  | 0.11   | cps   |
| Iron       | 54-2  | 343370   | 339193   | 346512   | 343025   | 1.07   | cps   |
| Iron       | 56-2  | 6238998  | 6169556  | 6288839  | 6232464  | 0.96   | cps   |
| Iron       | 57-2  | 151278   | 153366   | 153131   | 152592   | 0.75   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11530    | 11437    | 11627    | 11531    | 0.82   | cps   |
| Lead       | 206-1 | 1309240  | 1319750  | 1325506  | 1318165  | 0.63   | cps   |
| Lead       | 207-1 | 1113275  | 1169847  | 1154878  | 1146000  | 2.56   | cps   |
| Lead       | 208-1 | 5247073  | 5318910  | 5373673  | 5313219  | 1.19   | cps   |
| Lithium    | 6-1   | 9844789  | 9651155  | 9936509  | 9810818  | 1.48   | cps   |
| Magnesium  | 24-2  | 1333181  | 1362283  | 1312011  | 1335825  | 1.89   | cps   |
| Manganese  | 55-2  | 804479   | 785304   | 803862   | 797882   | 1.37   | cps   |
| Molybdenum | 94-1  | 1775730  | 1754882  | 1754470  | 1761694  | 0.69   | cps   |
| Molybdenum | 95-1  | 2566339  | 2511482  | 2507889  | 2528570  | 1.30   | cps   |
| Molybdenum | 96-1  | 2775491  | 2708487  | 2833294  | 2772424  | 2.25   | cps   |
| Molybdenum | 97-1  | 1565453  | 1582457  | 1556044  | 1567985  | 0.85   | cps   |
| Molybdenum | 98-1  | 3987780  | 3948064  | 3812279  | 3916041  | 2.35   | cps   |
| Neodymium  | 150-1 | 93       | 53       | 33       | 60       | 50.92  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 72648    | 69432    | 70326    | 70802    | 2.34   | cps   |
| Phosphorus | 31-2  | 6527     | 6151     | 6076     | 6251     | 3.86   | cps   |
| Potassium  | 39-2  | 497883   | 502023   | 501718   | 500541   | 0.46   | cps   |
| Rhodium    | 103-1 | 10199783 | 10151431 | 10251626 | 10200946 | 0.49   | cps   |
| Rhodium    | 103-2 | 4190364  | 4263963  | 4399330  | 4284552  | 2.47   | cps   |
| Scandium   | 45-1  | 9239612  | 9104920  | 8840689  | 9061740  | 2.24   | cps   |
| Scandium   | 45-2  | 265005   | 263966   | 264344   | 264439   | 0.20   | cps   |
| Selenium   | 82-1  | 12001    | 11973    | 11583    | 11852    | 1.97   | cps   |
| Selenium   | 77-2  | 357      | 323      | 390      | 357      | 9.35   | cps   |
| Selenium   | 78-2  | 1298     | 1343     | 1256     | 1299     | 3.35   | cps   |
| Silicon    | 28-1  | 3690738  | 3750844  | 3807505  | 3749696  | 1.56   | cps   |
| Silver     | 107-1 | 694246   | 698364   | 681110   | 691240   | 1.30   | cps   |
| Silver     | 109-1 | 656850   | 649344   | 642187   | 649460   | 1.13   | cps   |
| Sodium     | 23-2  | 2487983  | 2464862  | 2449385  | 2467410  | 0.79   | cps   |
| Strontium  | 86-1  | 193059   | 193924   | 196145   | 194376   | 0.82   | cps   |
| Strontium  | 88-1  | 1518497  | 1496555  | 1509150  | 1508067  | 0.73   | cps   |
| Sulfur     | 34-1  | 619559   | 613397   | 610288   | 614415   | 0.77   | cps   |
| Terbium    | 159-1 | 10307727 | 10488272 | 11059245 | 10618415 | 3.69   | cps   |
| Terbium    | 159-2 | 4469858  | 4530881  | 4420130  | 4473623  | 1.24   | cps   |
| Thallium   | 203-1 | 314378   | 334792   | 321545   | 323572   | 3.20   | cps   |
| Thallium   | 205-1 | 798927   | 795666   | 815268   | 803287   | 1.31   | cps   |
| Tin        | 118-1 | 390096   | 398370   | 388537   | 392334   | 1.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:44:26 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 907087   | 931905   | 898852   | 912615   | 1.89   | cps   |
| Uranium   | 238-1 | 959199   | 973220   | 954329   | 962249   | 1.02   | cps   |
| Vanadium  | 51-2  | 113887   | 115731   | 115445   | 115021   | 0.86   | cps   |
| Ytterbium | 172-1 | 42       | 100      | 33       | 58       | 62.27  | cps   |
| Ytterbium | 172-2 | 33       | 22       | 33       | 30       | 21.65  | cps   |
| Ytterbium | 176-1 | 3226     | 3184     | 3201     | 3203     | 0.66   | cps   |
| Ytterbium | 176-2 | 6291     | 7297     | 7247     | 6945     | 8.16   | cps   |
| Yttrium   | 89-1  | 17364250 | 18419128 | 18236649 | 18006676 | 3.13   | cps   |
| Yttrium   | 89-2  | 1903552  | 1921340  | 1896454  | 1907115  | 0.67   | cps   |
| Zinc      | 66-2  | 257199   | 251178   | 244639   | 251005   | 2.50   | cps   |
| Zirconium | 90-1  | 906520   | 932275   | 907708   | 915501   | 1.59   | cps   |
| Zirconium | 91-1  | 197300   | 202811   | 196727   | 198946   | 1.69   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 230853   | 230775   | 229022   | 230217   | 0.45   | cps   |
| Antimony   | 121-1 | 939527   | 940301   | 920166   | 933331   | 1.22   | cps   |
| Arsenic    | 75-2  | 34636    | 34371    | 34687    | 34565    | 0.49   | cps   |
| Barium     | 135-1 | 1258681  | 1273684  | 1258066  | 1263477  | 0.70   | cps   |
| Barium     | 137-1 | 2211321  | 2188935  | 2201504  | 2200587  | 0.51   | cps   |
| Beryllium  | 9-1   | 667497   | 671558   | 677155   | 672070   | 0.72   | cps   |
| Bismuth    | 209-1 | 5737614  | 5592221  | 5804046  | 5711294  | 1.90   | cps   |
| Bismuth    | 209-2 | 3185538  | 3306605  | 3156838  | 3216327  | 2.47   | cps   |
| Boron      | 10-1  | 134762   | 145864   | 144214   | 141613   | 4.23   | cps   |
| Boron      | 11-1  | 594668   | 639148   | 650648   | 628155   | 4.71   | cps   |
| Bromine    | 81-1  | 69487    | 74026    | 71260    | 71591    | 3.20   | cps   |
| Cadmium    | 111-1 | 330746   | 325374   | 329509   | 328543   | 0.86   | cps   |
| Cadmium    | 106-1 | 42483    | 42633    | 43453    | 42856    | 1.22   | cps   |
| Cadmium    | 108-1 | 26325    | 25474    | 26033    | 25944    | 1.67   | cps   |
| Calcium    | 43-1  | 518570   | 511793   | 509771   | 513378   | 0.90   | cps   |
| Calcium    | 44-1  | 8176806  | 8220114  | 8178272  | 8191731  | 0.30   | cps   |
| Carbon     | 12-1  | 10442819 | 10209642 | 10205079 | 10285847 | 1.32   | cps   |
| Carbon     | 12-2  | 96500    | 97816    | 93564    | 95960    | 2.27   | cps   |
| Chlorine   | 35-1  | 252410   | 249148   | 251953   | 251170   | 0.70   | cps   |
| Chlorine   | 35-2  | 1517     | 1692     | 1708     | 1639     | 6.48   | cps   |
| Chromium   | 52-2  | 349800   | 351208   | 355377   | 352128   | 0.82   | cps   |
| Cobalt     | 59-2  | 628773   | 636542   | 630696   | 632003   | 0.64   | cps   |
| Copper     | 63-2  | 4946843  | 4881007  | 4906097  | 4911315  | 0.68   | cps   |
| Dysprosium | 156-1 | 92       | 133      | 92       | 106      | 22.79  | cps   |
| Dysprosium | 156-2 | 30       | 10       | 27       | 22       | 48.22  | cps   |
| Erbium     | 164-1 | 142      | 58       | 58       | 86       | 55.87  | cps   |
| Erbium     | 164-2 | 47       | 40       | 40       | 42       | 9.12   | cps   |
| Gadolinium | 160-1 | 158      | 117      | 83       | 119      | 31.46  | cps   |
| Gadolinium | 160-2 | 110      | 137      | 143      | 130      | 13.57  | cps   |
| Holmium    | 165-1 | 10179730 | 10254143 | 10835178 | 10423017 | 3.44   | cps   |
| Holmium    | 165-2 | 4482376  | 4690237  | 4572203  | 4581605  | 2.28   | cps   |
| Indium     | 115-1 | 9958450  | 9761448  | 9704105  | 9808001  | 1.36   | cps   |
| Indium     | 115-2 | 1556764  | 1616839  | 1502491  | 1558698  | 3.67   | cps   |
| Iron       | 54-2  | 836629   | 823170   | 829836   | 829878   | 0.81   | cps   |
| Iron       | 56-2  | 15074934 | 15204532 | 15028296 | 15102587 | 0.60   | cps   |
| Iron       | 57-2  | 365816   | 371211   | 366352   | 367793   | 0.81   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11356    | 11463    | 11444    | 11421    | 0.50   | cps   |
| Lead       | 206-1 | 3357959  | 3470233  | 3379739  | 3402644  | 1.75   | cps   |
| Lead       | 207-1 | 2950816  | 3028288  | 3102381  | 3027162  | 2.50   | cps   |
| Lead       | 208-1 | 13703448 | 13597896 | 14041680 | 13781008 | 1.68   | cps   |
| Lithium    | 6-1   | 9919137  | 10059916 | 9635035  | 9871363  | 2.19   | cps   |
| Magnesium  | 24-2  | 3218336  | 3327947  | 3216817  | 3254367  | 1.96   | cps   |
| Manganese  | 55-2  | 2008070  | 1987644  | 2033018  | 2009577  | 1.13   | cps   |
| Molybdenum | 94-1  | 4382342  | 4333388  | 4332305  | 4349345  | 0.66   | cps   |
| Molybdenum | 95-1  | 6273727  | 6317483  | 6264753  | 6285321  | 0.45   | cps   |
| Molybdenum | 96-1  | 6852722  | 6691464  | 6811492  | 6785226  | 1.23   | cps   |
| Molybdenum | 97-1  | 3839650  | 3715014  | 3748193  | 3767619  | 1.71   | cps   |
| Molybdenum | 98-1  | 10016908 | 9750732  | 9532753  | 9766798  | 2.48   | cps   |
| Neodymium  | 150-1 | 153      | 133      | 100      | 129      | 20.91  | cps   |
| Neodymium  | 150-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Nickel     | 60-2  | 170847   | 173223   | 171769   | 171946   | 0.70   | cps   |
| Phosphorus | 31-2  | 13965    | 14316    | 14266    | 14182    | 1.34   | cps   |
| Potassium  | 39-2  | 1233796  | 1237767  | 1199214  | 1223592  | 1.73   | cps   |
| Rhodium    | 103-1 | 10329931 | 10202966 | 10036122 | 10189673 | 1.45   | cps   |
| Rhodium    | 103-2 | 4166420  | 4271157  | 4109186  | 4182254  | 1.96   | cps   |
| Scandium   | 45-1  | 8919943  | 9003534  | 8879172  | 8934216  | 0.71   | cps   |
| Scandium   | 45-2  | 262154   | 258921   | 251588   | 257554   | 2.10   | cps   |
| Selenium   | 82-1  | 28521    | 28497    | 28325    | 28448    | 0.37   | cps   |
| Selenium   | 77-2  | 810      | 827      | 797      | 811      | 1.85   | cps   |
| Selenium   | 78-2  | 2935     | 2972     | 2924     | 2943     | 0.85   | cps   |
| Silicon    | 28-1  | 7800479  | 7914640  | 8044218  | 7919779  | 1.54   | cps   |
| Silver     | 107-1 | 1778264  | 1704716  | 1706713  | 1729898  | 2.42   | cps   |
| Silver     | 109-1 | 1654549  | 1573320  | 1604843  | 1610904  | 2.54   | cps   |
| Sodium     | 23-2  | 6015007  | 6027430  | 5819662  | 5954033  | 1.96   | cps   |
| Strontium  | 86-1  | 456685   | 443997   | 461208   | 453963   | 1.97   | cps   |
| Strontium  | 88-1  | 3764209  | 3749861  | 3708643  | 3740904  | 0.77   | cps   |
| Sulfur     | 34-1  | 709170   | 711239   | 707693   | 709368   | 0.25   | cps   |
| Terbium    | 159-1 | 10789434 | 10921094 | 10821710 | 10844080 | 0.63   | cps   |
| Terbium    | 159-2 | 4556995  | 4587506  | 4361370  | 4501957  | 2.73   | cps   |
| Thallium   | 203-1 | 853400   | 868729   | 873289   | 865139   | 1.20   | cps   |
| Thallium   | 205-1 | 1954229  | 2027435  | 1997439  | 1993035  | 1.85   | cps   |
| Tin        | 118-1 | 961909   | 961556   | 957707   | 960391   | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:47:31 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2283564  | 2270902  | 2250857  | 2268441  | 0.73   | cps   |
| Uranium   | 238-1 | 2479080  | 2447438  | 2545922  | 2490813  | 2.02   | cps   |
| Vanadium  | 51-2  | 277124   | 278103   | 279640   | 278289   | 0.46   | cps   |
| Ytterbium | 172-1 | 50       | 83       | 67       | 67       | 25.00  | cps   |
| Ytterbium | 172-2 | 44       | 33       | 44       | 41       | 15.76  | cps   |
| Ytterbium | 176-1 | 5510     | 5184     | 5360     | 5351     | 3.04   | cps   |
| Ytterbium | 176-2 | 7502     | 8097     | 7819     | 7806     | 3.81   | cps   |
| Yttrium   | 89-1  | 17688305 | 17500711 | 18123526 | 17770847 | 1.80   | cps   |
| Yttrium   | 89-2  | 1860764  | 1896649  | 1805258  | 1854224  | 2.48   | cps   |
| Zinc      | 66-2  | 607845   | 609529   | 607746   | 608373   | 0.16   | cps   |
| Zirconium | 90-1  | 2319432  | 2211943  | 2306002  | 2279126  | 2.57   | cps   |
| Zirconium | 91-1  | 501855   | 490458   | 500157   | 497490   | 1.24   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 454705   | 449207   | 442576   | 448830   | 1.35   | cps   |
| Antimony   | 121-1 | 1882868  | 1869353  | 1934064  | 1895428  | 1.80   | cps   |
| Arsenic    | 75-2  | 69179    | 68145    | 67298    | 68207    | 1.38   | cps   |
| Barium     | 135-1 | 2519230  | 2508001  | 2588439  | 2538557  | 1.72   | cps   |
| Barium     | 137-1 | 4426493  | 4183508  | 4454693  | 4354898  | 3.42   | cps   |
| Beryllium  | 9-1   | 1416636  | 1398196  | 1419249  | 1411360  | 0.81   | cps   |
| Bismuth    | 209-1 | 5916506  | 5951764  | 5858419  | 5908896  | 0.80   | cps   |
| Bismuth    | 209-2 | 3205742  | 3113847  | 3149623  | 3156404  | 1.47   | cps   |
| Boron      | 10-1  | 267375   | 291995   | 295375   | 284915   | 5.36   | cps   |
| Boron      | 11-1  | 1136720  | 1246398  | 1246999  | 1210039  | 5.25   | cps   |
| Bromine    | 81-1  | 69287    | 75315    | 69810    | 71471    | 4.67   | cps   |
| Cadmium    | 111-1 | 647411   | 649123   | 660918   | 652484   | 1.13   | cps   |
| Cadmium    | 106-1 | 81065    | 81458    | 79942    | 80822    | 0.97   | cps   |
| Cadmium    | 108-1 | 51203    | 51442    | 50125    | 50923    | 1.38   | cps   |
| Calcium    | 43-1  | 1021870  | 1024955  | 1013398  | 1020074  | 0.59   | cps   |
| Calcium    | 44-1  | 16215804 | 16596523 | 16232614 | 16348314 | 1.32   | cps   |
| Carbon     | 12-1  | 10581346 | 10515792 | 10533452 | 10543530 | 0.32   | cps   |
| Carbon     | 12-2  | 99093    | 100535   | 99612    | 99747    | 0.73   | cps   |
| Chlorine   | 35-1  | 244221   | 244267   | 247826   | 245438   | 0.84   | cps   |
| Chlorine   | 35-2  | 1625     | 1775     | 1475     | 1625     | 9.23   | cps   |
| Chromium   | 52-2  | 682324   | 689117   | 684345   | 685262   | 0.51   | cps   |
| Cobalt     | 59-2  | 1242602  | 1255111  | 1231151  | 1242955  | 0.96   | cps   |
| Copper     | 63-2  | 9640610  | 9764081  | 9435492  | 9613394  | 1.73   | cps   |
| Dysprosium | 156-1 | 158      | 183      | 117      | 153      | 22.04  | cps   |
| Dysprosium | 156-2 | 63       | 30       | 33       | 42       | 43.48  | cps   |
| Erbium     | 164-1 | 100      | 100      | 117      | 106      | 9.12   | cps   |
| Erbium     | 164-2 | 20       | 23       | 47       | 30       | 48.44  | cps   |
| Gadolinium | 160-1 | 167      | 225      | 158      | 183      | 19.81  | cps   |
| Gadolinium | 160-2 | 83       | 120      | 93       | 99       | 19.17  | cps   |
| Holmium    | 165-1 | 10793757 | 10762031 | 10746059 | 10767283 | 0.23   | cps   |
| Holmium    | 165-2 | 4667739  | 4570633  | 4450827  | 4563066  | 2.38   | cps   |
| Indium     | 115-1 | 9872524  | 9966371  | 9622700  | 9820532  | 1.81   | cps   |
| Indium     | 115-2 | 1542392  | 1524049  | 1534012  | 1533484  | 0.60   | cps   |
| Iron       | 54-2  | 1658232  | 1648106  | 1681996  | 1662778  | 1.05   | cps   |
| Iron       | 56-2  | 29492719 | 29026952 | 29156388 | 29225353 | 0.82   | cps   |
| Iron       | 57-2  | 716817   | 727558   | 707625   | 717333   | 1.39   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11174    | 11392    | 11199    | 11255    | 1.06   | cps   |
| Lead       | 206-1 | 6816131  | 6821019  | 7011567  | 6882905  | 1.62   | cps   |
| Lead       | 207-1 | 5931614  | 6025061  | 6031289  | 5995988  | 0.93   | cps   |
| Lead       | 208-1 | 27122429 | 27361751 | 27630207 | 27371462 | 0.93   | cps   |
| Lithium    | 6-1   | 9976167  | 9716895  | 9673920  | 9788994  | 1.67   | cps   |
| Magnesium  | 24-2  | 6427849  | 6491635  | 6287600  | 6402361  | 1.63   | cps   |
| Manganese  | 55-2  | 3911994  | 3869290  | 3894742  | 3892008  | 0.55   | cps   |
| Molybdenum | 94-1  | 8616341  | 8589371  | 8509288  | 8571667  | 0.65   | cps   |
| Molybdenum | 95-1  | 12464130 | 12206779 | 12380919 | 12350609 | 1.06   | cps   |
| Molybdenum | 96-1  | 13580410 | 13251350 | 13169296 | 13333685 | 1.63   | cps   |
| Molybdenum | 97-1  | 7545300  | 7346365  | 7490961  | 7460876  | 1.38   | cps   |
| Molybdenum | 98-1  | 19605849 | 19540044 | 19477391 | 19541095 | 0.33   | cps   |
| Neodymium  | 150-1 | 167      | 153      | 287      | 202      | 36.31  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 17       | 13       | 66.16  | cps   |
| Nickel     | 60-2  | 331222   | 334952   | 330443   | 332206   | 0.73   | cps   |
| Phosphorus | 31-2  | 27669    | 28011    | 27401    | 27694    | 1.10   | cps   |
| Potassium  | 39-2  | 2338276  | 2343597  | 2358880  | 2346918  | 0.46   | cps   |
| Rhodium    | 103-1 | 10134041 | 9854370  | 9875011  | 9954474  | 1.57   | cps   |
| Rhodium    | 103-2 | 4251134  | 4084315  | 4040803  | 4125417  | 2.69   | cps   |
| Scandium   | 45-1  | 9014818  | 8798473  | 8552163  | 8788484  | 2.63   | cps   |
| Scandium   | 45-2  | 256178   | 258146   | 253818   | 256047   | 0.85   | cps   |
| Selenium   | 82-1  | 58394    | 58495    | 57731    | 58207    | 0.71   | cps   |
| Selenium   | 77-2  | 1747     | 1623     | 1653     | 1675     | 3.84   | cps   |
| Selenium   | 78-2  | 5897     | 5722     | 5643     | 5754     | 2.26   | cps   |
| Silicon    | 28-1  | 14299722 | 14326794 | 14045628 | 14224048 | 1.09   | cps   |
| Silver     | 107-1 | 3360881  | 3388585  | 3287725  | 3345730  | 1.56   | cps   |
| Silver     | 109-1 | 3195926  | 3167323  | 3075488  | 3146246  | 2.00   | cps   |
| Sodium     | 23-2  | 11685863 | 11972694 | 11638848 | 11765802 | 1.54   | cps   |
| Strontium  | 86-1  | 895583   | 894613   | 896766   | 895654   | 0.12   | cps   |
| Strontium  | 88-1  | 7535863  | 7551673  | 7457157  | 7514898  | 0.67   | cps   |
| Sulfur     | 34-1  | 951511   | 871174   | 930147   | 917611   | 4.53   | cps   |
| Terbium    | 159-1 | 11000623 | 11276219 | 11008819 | 11095220 | 1.41   | cps   |
| Terbium    | 159-2 | 4567305  | 4645190  | 4583200  | 4598565  | 0.89   | cps   |
| Thallium   | 203-1 | 1734146  | 1622988  | 1643968  | 1667034  | 3.54   | cps   |
| Thallium   | 205-1 | 4095646  | 4042729  | 3974178  | 4037518  | 1.51   | cps   |
| Tin        | 118-1 | 1826825  | 1918546  | 1873004  | 1872792  | 2.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:50:34 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 4463438  | 4452673  | 4356983  | 4424364  | 1.32   | cps   |
| Uranium   | 238-1 | 5084679  | 4974120  | 5150359  | 5069719  | 1.76   | cps   |
| Vanadium  | 51-2  | 545873   | 544594   | 548067   | 546178   | 0.32   | cps   |
| Ytterbium | 172-1 | 58       | 58       | 92       | 69       | 27.72  | cps   |
| Ytterbium | 172-2 | 28       | 44       | 33       | 35       | 24.12  | cps   |
| Ytterbium | 176-1 | 8970     | 8870     | 9028     | 8956     | 0.90   | cps   |
| Ytterbium | 176-2 | 9203     | 9632     | 9604     | 9479     | 2.53   | cps   |
| Yttrium   | 89-1  | 17934106 | 17910093 | 17755919 | 17866706 | 0.54   | cps   |
| Yttrium   | 89-2  | 1862312  | 1869716  | 1861391  | 1864473  | 0.24   | cps   |
| Zinc      | 66-2  | 1191960  | 1192452  | 1185776  | 1190063  | 0.31   | cps   |
| Zirconium | 90-1  | 4402917  | 4459790  | 4514097  | 4458935  | 1.25   | cps   |
| Zirconium | 91-1  | 1000802  | 989646   | 1002550  | 997666   | 0.70   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 898464   | 878126   | 885948   | 887513   | 1.16   | cps   |
| Antimony   | 121-1 | 3675813  | 3791372  | 3749055  | 3738746  | 1.56   | cps   |
| Arsenic    | 75-2  | 135300   | 135304   | 135735   | 135446   | 0.18   | cps   |
| Barium     | 135-1 | 5177901  | 5097181  | 5328112  | 5201065  | 2.25   | cps   |
| Barium     | 137-1 | 8723045  | 8721505  | 8839604  | 8761385  | 0.77   | cps   |
| Beryllium  | 9-1   | 2591466  | 2676315  | 2657495  | 2641759  | 1.69   | cps   |
| Bismuth    | 209-1 | 6133392  | 6326278  | 5984677  | 6148116  | 2.79   | cps   |
| Bismuth    | 209-2 | 3243706  | 3212818  | 3223108  | 3226544  | 0.49   | cps   |
| Boron      | 10-1  | 520528   | 538850   | 568832   | 542737   | 4.49   | cps   |
| Boron      | 11-1  | 2141443  | 2304809  | 2265028  | 2237093  | 3.81   | cps   |
| Bromine    | 81-1  | 68554    | 72013    | 71883    | 70817    | 2.77   | cps   |
| Cadmium    | 111-1 | 1248119  | 1282797  | 1282481  | 1271132  | 1.57   | cps   |
| Cadmium    | 106-1 | 148667   | 152413   | 147689   | 149590   | 1.67   | cps   |
| Cadmium    | 108-1 | 98844    | 101400   | 98818    | 99687    | 1.49   | cps   |
| Calcium    | 43-1  | 2039584  | 2103551  | 2105492  | 2082876  | 1.80   | cps   |
| Calcium    | 44-1  | 32073805 | 33614197 | 32569316 | 32752440 | 2.40   | cps   |
| Carbon     | 12-1  | 10461170 | 10760137 | 10422158 | 10547822 | 1.75   | cps   |
| Carbon     | 12-2  | 104546   | 103086   | 100141   | 102591   | 2.19   | cps   |
| Chlorine   | 35-1  | 241985   | 240047   | 243333   | 241788   | 0.68   | cps   |
| Chlorine   | 35-2  | 1600     | 1458     | 1550     | 1536     | 4.68   | cps   |
| Chromium   | 52-2  | 1424712  | 1418369  | 1439693  | 1427591  | 0.77   | cps   |
| Cobalt     | 59-2  | 2568853  | 2610314  | 2510510  | 2563226  | 1.96   | cps   |
| Copper     | 63-2  | 19167897 | 18743585 | 18734341 | 18881941 | 1.31   | cps   |
| Dysprosium | 156-1 | 308      | 242      | 333      | 294      | 16.09  | cps   |
| Dysprosium | 156-2 | 113      | 67       | 117      | 99       | 28.27  | cps   |
| Erbium     | 164-1 | 133      | 117      | 108      | 119      | 10.66  | cps   |
| Erbium     | 164-2 | 33       | 60       | 50       | 48       | 28.20  | cps   |
| Gadolinium | 160-1 | 258      | 292      | 225      | 258      | 12.90  | cps   |
| Gadolinium | 160-2 | 137      | 167      | 147      | 150      | 10.18  | cps   |
| Holmium    | 165-1 | 10967382 | 11539192 | 11514321 | 11340298 | 2.85   | cps   |
| Holmium    | 165-2 | 4687466  | 4683273  | 4834740  | 4735160  | 1.82   | cps   |
| Indium     | 115-1 | 10190396 | 10190715 | 9982982  | 10121364 | 1.18   | cps   |
| Indium     | 115-2 | 1522941  | 1526221  | 1543231  | 1530797  | 0.71   | cps   |
| Iron       | 54-2  | 3418539  | 3333010  | 3277560  | 3343036  | 2.12   | cps   |
| Iron       | 56-2  | 60557082 | 58320550 | 58599879 | 59159170 | 2.06   | cps   |
| Iron       | 57-2  | 1550170  | 1502880  | 1512722  | 1521924  | 1.64   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11093    | 11316    | 11078    | 11162    | 1.19   | cps   |
| Lead       | 206-1 | 14349880 | 13956167 | 13835805 | 14047284 | 1.91   | cps   |
| Lead       | 207-1 | 12333585 | 12512442 | 12204084 | 12350037 | 1.25   | cps   |
| Lead       | 208-1 | 56267781 | 58351536 | 55602642 | 56740653 | 2.53   | cps   |
| Lithium    | 6-1   | 9762052  | 9910123  | 10075306 | 9915827  | 1.58   | cps   |
| Magnesium  | 24-2  | 12750291 | 12853326 | 12692317 | 12765311 | 0.64   | cps   |
| Manganese  | 55-2  | 7804429  | 7733303  | 7674658  | 7737463  | 0.84   | cps   |
| Molybdenum | 94-1  | 17284375 | 17419401 | 17140142 | 17281306 | 0.81   | cps   |
| Molybdenum | 95-1  | 25043805 | 25132027 | 24345845 | 24840559 | 1.73   | cps   |
| Molybdenum | 96-1  | 27257599 | 27511457 | 26756039 | 27175032 | 1.41   | cps   |
| Molybdenum | 97-1  | 15251571 | 15264599 | 15040151 | 15185440 | 0.83   | cps   |
| Molybdenum | 98-1  | 38982802 | 40150071 | 38690538 | 39274470 | 1.97   | cps   |
| Neodymium  | 150-1 | 420      | 447      | 407      | 424      | 4.80   | cps   |
| Neodymium  | 150-2 | 17       | 20       | 37       | 24       | 43.83  | cps   |
| Nickel     | 60-2  | 659172   | 659712   | 647594   | 655493   | 1.04   | cps   |
| Phosphorus | 31-2  | 56512    | 53851    | 54921    | 55094    | 2.43   | cps   |
| Potassium  | 39-2  | 4620995  | 4624600  | 4636094  | 4627230  | 0.17   | cps   |
| Rhodium    | 103-1 | 9897074  | 10111414 | 10129711 | 10046066 | 1.29   | cps   |
| Rhodium    | 103-2 | 4229185  | 4111707  | 4106666  | 4149186  | 1.67   | cps   |
| Scandium   | 45-1  | 9052866  | 9271035  | 9021653  | 9115184  | 1.49   | cps   |
| Scandium   | 45-2  | 260708   | 261753   | 259470   | 260644   | 0.44   | cps   |
| Selenium   | 82-1  | 111212   | 112107   | 112448   | 111922   | 0.57   | cps   |
| Selenium   | 77-2  | 3164     | 3370     | 3234     | 3256     | 3.23   | cps   |
| Selenium   | 78-2  | 11367    | 11060    | 11403    | 11277    | 1.67   | cps   |
| Silicon    | 28-1  | 25793676 | 25371867 | 24989113 | 25384885 | 1.59   | cps   |
| Silver     | 107-1 | 6643890  | 6702645  | 6676957  | 6674497  | 0.44   | cps   |
| Silver     | 109-1 | 6356955  | 6491309  | 6478271  | 6442178  | 1.15   | cps   |
| Sodium     | 23-2  | 23798091 | 23945091 | 23428251 | 23723811 | 1.12   | cps   |
| Strontium  | 86-1  | 1751878  | 1801139  | 1840234  | 1797750  | 2.46   | cps   |
| Strontium  | 88-1  | 15114736 | 14761585 | 14831071 | 14902464 | 1.26   | cps   |
| Sulfur     | 34-1  | 1162051  | 1158847  | 1159713  | 1160204  | 0.14   | cps   |
| Terbium    | 159-1 | 11178394 | 11309383 | 11390000 | 11292592 | 0.95   | cps   |
| Terbium    | 159-2 | 4822913  | 4695392  | 4697855  | 4738720  | 1.54   | cps   |
| Thallium   | 203-1 | 3410734  | 3260432  | 3499629  | 3390265  | 3.57   | cps   |
| Thallium   | 205-1 | 8269424  | 8039629  | 8091685  | 8133579  | 1.48   | cps   |
| Tin        | 118-1 | 3779456  | 3789699  | 3880306  | 3816487  | 1.45   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:53:39 | DataFile Name :   | 010CAL.S.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 8651865  | 8899860  | 8922751  | 8824825  | 1.70   | cps   |
| Uranium   | 238-1 | 10082164 | 10517440 | 10297520 | 10299041 | 2.11   | cps   |
| Vanadium  | 51-2  | 1110201  | 1104254  | 1093840  | 1102765  | 0.75   | cps   |
| Ytterbium | 172-1 | 100      | 83       | 100      | 94       | 10.18  | cps   |
| Ytterbium | 172-2 | 22       | 44       | 56       | 41       | 41.67  | cps   |
| Ytterbium | 176-1 | 15793    | 17220    | 17178    | 16731    | 4.85   | cps   |
| Ytterbium | 176-2 | 12512    | 13018    | 12595    | 12708    | 2.13   | cps   |
| Yttrium   | 89-1  | 18155466 | 18446085 | 18125302 | 18242284 | 0.97   | cps   |
| Yttrium   | 89-2  | 1921323  | 1856851  | 1897359  | 1891844  | 1.72   | cps   |
| Zinc      | 66-2  | 2384778  | 2412671  | 2352559  | 2383336  | 1.26   | cps   |
| Zirconium | 90-1  | 8993319  | 9031424  | 9026799  | 9017181  | 0.23   | cps   |
| Zirconium | 91-1  | 2032996  | 2019515  | 1930838  | 1994450  | 2.78   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1881998   | 1835118   | 1932015   | 1883044   | 2.57   | cps   |
| Antimony   | 121-1 | 7736036   | 7596972   | 7805060   | 7712689   | 1.37   | cps   |
| Arsenic    | 75-2  | 280865    | 277893    | 280132    | 279630    | 0.55   | cps   |
| Barium     | 135-1 | 10485657  | 10689804  | 10633431  | 10602964  | 0.99   | cps   |
| Barium     | 137-1 | 18690001  | 17974971  | 18208072  | 18291015  | 1.99   | cps   |
| Beryllium  | 9-1   | 5264567   | 5179312   | 5147115   | 5196998   | 1.17   | cps   |
| Bismuth    | 209-1 | 5980201   | 5899424   | 5819642   | 5899756   | 1.36   | cps   |
| Bismuth    | 209-2 | 3104504   | 3190052   | 3262609   | 3185722   | 2.48   | cps   |
| Boron      | 10-1  | 1017547   | 1146212   | 1074814   | 1079524   | 5.97   | cps   |
| Boron      | 11-1  | 4403739   | 4845091   | 4724816   | 4657882   | 4.90   | cps   |
| Bromine    | 81-1  | 80369     | 77349     | 73394     | 77037     | 4.54   | cps   |
| Cadmium    | 111-1 | 2642974   | 2584513   | 2588986   | 2605491   | 1.25   | cps   |
| Cadmium    | 106-1 | 306524    | 298391    | 300996    | 301970    | 1.38   | cps   |
| Cadmium    | 108-1 | 206001    | 204107    | 201536    | 203882    | 1.10   | cps   |
| Calcium    | 43-1  | 4248318   | 4249784   | 4180077   | 4226059   | 0.94   | cps   |
| Calcium    | 44-1  | 67511714  | 65419255  | 68142460  | 67024476  | 2.13   | cps   |
| Carbon     | 12-1  | 11318271  | 11719649  | 11770895  | 11602938  | 2.14   | cps   |
| Carbon     | 12-2  | 115519    | 116754    | 114956    | 115743    | 0.79   | cps   |
| Chlorine   | 35-1  | 223052    | 227692    | 227517    | 226087    | 1.16   | cps   |
| Chlorine   | 35-2  | 1450      | 1625      | 1675      | 1583      | 7.46   | cps   |
| Chromium   | 52-2  | 2918843   | 2929473   | 2919123   | 2922480   | 0.21   | cps   |
| Cobalt     | 59-2  | 5105694   | 5086533   | 5156290   | 5116172   | 0.70   | cps   |
| Copper     | 63-2  | 37956506  | 37719985  | 39078946  | 38251812  | 1.90   | cps   |
| Dysprosium | 156-1 | 508       | 492       | 550       | 517       | 5.82   | cps   |
| Dysprosium | 156-2 | 187       | 160       | 173       | 173       | 7.69   | cps   |
| Erbium     | 164-1 | 167       | 250       | 175       | 197       | 23.27  | cps   |
| Erbium     | 164-2 | 93        | 70        | 80        | 81        | 14.43  | cps   |
| Gadolinium | 160-1 | 475       | 500       | 392       | 456       | 12.45  | cps   |
| Gadolinium | 160-2 | 320       | 247       | 223       | 263       | 19.16  | cps   |
| Holmium    | 165-1 | 11067335  | 11247815  | 11036315  | 11117155  | 1.03   | cps   |
| Holmium    | 165-2 | 4861543   | 4740775   | 4941986   | 4848102   | 2.09   | cps   |
| Indium     | 115-1 | 10462655  | 10220470  | 10139188  | 10274105  | 1.64   | cps   |
| Indium     | 115-2 | 1519426   | 1541585   | 1540968   | 1533993   | 0.82   | cps   |
| Iron       | 54-2  | 6721871   | 6719422   | 6661394   | 6700895   | 0.51   | cps   |
| Iron       | 56-2  | 120605122 | 118904478 | 118063867 | 119191155 | 1.09   | cps   |
| Iron       | 57-2  | 3081631   | 3041709   | 3050291   | 3057877   | 0.69   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11449     | 10873     | 11232     | 11185     | 2.60   | cps   |
| Lead       | 206-1 | 28428931  | 29512840  | 28100337  | 28680702  | 2.58   | cps   |
| Lead       | 207-1 | 24271280  | 24499748  | 23921602  | 24230877  | 1.20   | cps   |
| Lead       | 208-1 | 112354098 | 113331119 | 110792602 | 112159273 | 1.14   | cps   |
| Lithium    | 6-1   | 9760007   | 9491157   | 9466691   | 9572618   | 1.70   | cps   |
| Magnesium  | 24-2  | 25583975  | 25680720  | 25673490  | 25646062  | 0.21   | cps   |
| Manganese  | 55-2  | 15638244  | 15933712  | 15989971  | 15853976  | 1.19   | cps   |
| Molybdenum | 94-1  | 34747170  | 35793825  | 36368195  | 35636396  | 2.31   | cps   |
| Molybdenum | 95-1  | 51924365  | 51575394  | 51563068  | 51687609  | 0.40   | cps   |
| Molybdenum | 96-1  | 57345091  | 55555870  | 55724662  | 56208541  | 1.76   | cps   |
| Molybdenum | 97-1  | 31422576  | 31946973  | 31885765  | 31751771  | 0.90   | cps   |
| Molybdenum | 98-1  | 80068908  | 82291341  | 82342754  | 81567668  | 1.59   | cps   |
| Neodymium  | 150-1 | 827       | 793       | 840       | 820       | 2.93   | cps   |
| Neodymium  | 150-2 | 50        | 37        | 40        | 42        | 16.43  | cps   |
| Nickel     | 60-2  | 1313101   | 1316288   | 1333377   | 1320922   | 0.83   | cps   |
| Phosphorus | 31-2  | 111798    | 106448    | 114156    | 110801    | 3.56   | cps   |
| Potassium  | 39-2  | 9421203   | 9142231   | 9462781   | 9342072   | 1.87   | cps   |
| Rhodium    | 103-1 | 9986948   | 9854952   | 10266722  | 10036207  | 2.09   | cps   |
| Rhodium    | 103-2 | 4087623   | 4043743   | 4221554   | 4117640   | 2.25   | cps   |
| Scandium   | 45-1  | 9217998   | 9021119   | 9192315   | 9143811   | 1.17   | cps   |
| Scandium   | 45-2  | 266014    | 268668    | 269462    | 268048    | 0.67   | cps   |
| Selenium   | 82-1  | 235589    | 234248    | 236120    | 235319    | 0.41   | cps   |
| Selenium   | 77-2  | 7005      | 6605      | 6822      | 6811      | 2.94   | cps   |
| Selenium   | 78-2  | 22905     | 23048     | 23010     | 22988     | 0.32   | cps   |
| Silicon    | 28-1  | 47776630  | 48862001  | 49003313  | 48547315  | 1.38   | cps   |
| Silver     | 107-1 | 13343276  | 13183913  | 13171691  | 13232960  | 0.72   | cps   |
| Silver     | 109-1 | 12055518  | 12427645  | 12722929  | 12402031  | 2.70   | cps   |
| Sodium     | 23-2  | 47503863  | 47411359  | 47741826  | 47552349  | 0.36   | cps   |
| Strontium  | 86-1  | 3489782   | 3550054   | 3523966   | 3521267   | 0.86   | cps   |
| Strontium  | 88-1  | 30048804  | 30342001  | 30289738  | 30226848  | 0.52   | cps   |
| Sulfur     | 34-1  | 1936335   | 1929969   | 1927738   | 1931347   | 0.23   | cps   |
| Terbium    | 159-1 | 11140787  | 11378830  | 12050312  | 11523310  | 4.09   | cps   |
| Terbium    | 159-2 | 4798222   | 4653110   | 4814555   | 4755296   | 1.87   | cps   |
| Thallium   | 203-1 | 7017777   | 7216954   | 6876272   | 7037001   | 2.43   | cps   |
| Thallium   | 205-1 | 17022654  | 16597341  | 15894315  | 16504770  | 3.45   | cps   |
| Tin        | 118-1 | 7763076   | 7814042   | 7592261   | 7723126   | 1.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:56:43 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 18208804 | 17765857 | 18141973 | 18038878 | 1.32   | cps   |
| Uranium   | 238-1 | 20552499 | 19951328 | 20872596 | 20458808 | 2.29   | cps   |
| Vanadium  | 51-2  | 2284651  | 2311032  | 2331701  | 2309128  | 1.02   | cps   |
| Ytterbium | 172-1 | 125      | 183      | 92       | 133      | 34.80  | cps   |
| Ytterbium | 172-2 | 50       | 78       | 83       | 70       | 25.38  | cps   |
| Ytterbium | 176-1 | 32625    | 32123    | 34262    | 33003    | 3.39   | cps   |
| Ytterbium | 176-2 | 19988    | 20399    | 20511    | 20299    | 1.36   | cps   |
| Yttrium   | 89-1  | 17903794 | 18593976 | 18852787 | 18450186 | 2.66   | cps   |
| Yttrium   | 89-2  | 1921540  | 1882371  | 1939680  | 1914530  | 1.53   | cps   |
| Zinc      | 66-2  | 4824582  | 4764281  | 4717830  | 4768898  | 1.12   | cps   |
| Zirconium | 90-1  | 18499171 | 18405413 | 18601861 | 18502148 | 0.53   | cps   |
| Zirconium | 91-1  | 4154959  | 4176234  | 4106490  | 4145894  | 0.86   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8811583   | 8918273   | 8628840   | 8786232   | 1.67   | cps   |
| Antimony   | 121-1 | 3967      | 4634      | 4343      | 4315      | 7.75   | cps   |
| Arsenic    | 75-2  | 97        | 100       | 102       | 100       | 2.52   | cps   |
| Barium     | 135-1 | 4843      | 5118      | 4834      | 4932      | 3.27   | cps   |
| Barium     | 137-1 | 8795      | 8361      | 8686      | 8614      | 2.62   | cps   |
| Beryllium  | 9-1   | 644       | 576       | 602       | 607       | 5.65   | cps   |
| Bismuth    | 209-1 | 4933705   | 4878061   | 4819720   | 4877162   | 1.17   | cps   |
| Bismuth    | 209-2 | 2810292   | 2810351   | 2771007   | 2797217   | 0.81   | cps   |
| Boron      | 10-1  | 110953    | 105388    | 97500     | 104614    | 6.46   | cps   |
| Boron      | 11-1  | 495856    | 451807    | 425542    | 457735    | 7.76   | cps   |
| Bromine    | 81-1  | 68210     | 66269     | 71873     | 68784     | 4.14   | cps   |
| Cadmium    | 111-1 | 4404      | 4649      | 4492      | 4515      | 2.76   | cps   |
| Cadmium    | 106-1 | 5510      | 6018      | 5835      | 5787      | 4.45   | cps   |
| Cadmium    | 108-1 | 213       | 275       | 275       | 254       | 14.20  | cps   |
| Calcium    | 43-1  | 20008672  | 20222305  | 20066146  | 20099041  | 0.55   | cps   |
| Calcium    | 44-1  | 326370994 | 323993561 | 324665177 | 325009911 | 0.38   | cps   |
| Carbon     | 12-1  | 10088523  | 9968599   | 9825615   | 9960912   | 1.32   | cps   |
| Carbon     | 12-2  | 103497    | 102356    | 99611     | 101821    | 1.96   | cps   |
| Chlorine   | 35-1  | 227841    | 227281    | 226437    | 227186    | 0.31   | cps   |
| Chlorine   | 35-2  | 1617      | 1483      | 1467      | 1522      | 5.40   | cps   |
| Chromium   | 52-2  | 25239     | 25129     | 25135     | 25168     | 0.25   | cps   |
| Cobalt     | 59-2  | 13173     | 12342     | 12599     | 12705     | 3.35   | cps   |
| Copper     | 63-2  | 11158     | 10898     | 10427     | 10828     | 3.42   | cps   |
| Dysprosium | 156-1 | 925       | 1025      | 942       | 964       | 5.56   | cps   |
| Dysprosium | 156-2 | 313       | 327       | 297       | 312       | 4.81   | cps   |
| Erbium     | 164-1 | 75        | 125       | 125       | 108       | 26.65  | cps   |
| Erbium     | 164-2 | 73        | 47        | 50        | 57        | 25.64  | cps   |
| Gadolinium | 160-1 | 717       | 650       | 642       | 669       | 6.14   | cps   |
| Gadolinium | 160-2 | 343       | 317       | 437       | 366       | 17.24  | cps   |
| Holmium    | 165-1 | 10549264  | 10135288  | 10304030  | 10329527  | 2.02   | cps   |
| Holmium    | 165-2 | 4523752   | 4827241   | 4630980   | 4660658   | 3.30   | cps   |
| Indium     | 115-1 | 9341627   | 9591302   | 9138344   | 9357091   | 2.42   | cps   |
| Indium     | 115-2 | 1459544   | 1467055   | 1442526   | 1456375   | 0.86   | cps   |
| Iron       | 54-2  | 30325247  | 30079866  | 30164899  | 30190004  | 0.41   | cps   |
| Iron       | 56-2  | 536140990 | 537673868 | 537567223 | 537127360 | 0.16   | cps   |
| Iron       | 57-2  | 13744875  | 13829547  | 13644890  | 13739771  | 0.67   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB119578            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11069     | 11023     | 11074     | 11055     | 0.26   | cps   |
| Lead       | 206-1 | 6474      | 5952      | 5490      | 5972      | 8.24   | cps   |
| Lead       | 207-1 | 5346      | 5090      | 4951      | 5129      | 3.90   | cps   |
| Lead       | 208-1 | 24515     | 22992     | 21919     | 23142     | 5.64   | cps   |
| Lithium    | 6-1   | 9414868   | 9376974   | 9335063   | 9375635   | 0.43   | cps   |
| Magnesium  | 24-2  | 119404424 | 117728411 | 120710707 | 119281180 | 1.25   | cps   |
| Manganese  | 55-2  | 8566      | 8019      | 8169      | 8251      | 3.43   | cps   |
| Molybdenum | 94-1  | 13115     | 12481     | 12673     | 12756     | 2.55   | cps   |
| Molybdenum | 95-1  | 14258     | 14074     | 13232     | 13855     | 3.95   | cps   |
| Molybdenum | 96-1  | 45234     | 44248     | 43319     | 44267     | 2.16   | cps   |
| Molybdenum | 97-1  | 9178      | 8845      | 8478      | 8834      | 3.97   | cps   |
| Molybdenum | 98-1  | 23045     | 20733     | 20499     | 21425     | 6.57   | cps   |
| Neodymium  | 150-1 | 120       | 180       | 127       | 142       | 23.13  | cps   |
| Neodymium  | 150-2 | 17        | 47        | 27        | 30        | 50.91  | cps   |
| Nickel     | 60-2  | 8946      | 8990      | 9133      | 9023      | 1.08   | cps   |
| Phosphorus | 31-2  | 150       | 267       | 267       | 228       | 29.57  | cps   |
| Potassium  | 39-2  | 44328385  | 44568134  | 45830753  | 44909091  | 1.80   | cps   |
| Rhodium    | 103-1 | 8671587   | 8917916   | 8673846   | 8754450   | 1.62   | cps   |
| Rhodium    | 103-2 | 3689031   | 3821895   | 3802624   | 3771184   | 1.90   | cps   |
| Scandium   | 45-1  | 8962300   | 9158547   | 8989527   | 9036791   | 1.18   | cps   |
| Scandium   | 45-2  | 259167    | 265558    | 260360    | 261695    | 1.30   | cps   |
| Selenium   | 82-1  | 60        | 304       | 109       | 158       | 81.89  | cps   |
| Selenium   | 77-2  | 3         | 0         | 3         | 2         | 86.60  | cps   |
| Selenium   | 78-2  | 118       | 108       | 133       | 120       | 10.51  | cps   |
| Silicon    | 28-1  | 1969830   | 1913229   | 1884929   | 1922662   | 2.25   | cps   |
| Silver     | 107-1 | 4518      | 4076      | 4242      | 4279      | 5.21   | cps   |
| Silver     | 109-1 | 4017      | 3442      | 3767      | 3742      | 7.71   | cps   |
| Sodium     | 23-2  | 226656622 | 231876264 | 228390730 | 228974538 | 1.16   | cps   |
| Strontium  | 86-1  | 40309     | 40317     | 39674     | 40100     | 0.92   | cps   |
| Strontium  | 88-1  | 197964    | 195061    | 196875    | 196633    | 0.75   | cps   |
| Sulfur     | 34-1  | 404524    | 415579    | 416787    | 412297    | 1.64   | cps   |
| Terbium    | 159-1 | 10978193  | 11163743  | 10664302  | 10935413  | 2.31   | cps   |
| Terbium    | 159-2 | 4564020   | 4535845   | 4590809   | 4563558   | 0.60   | cps   |
| Thallium   | 203-1 | 2684      | 2475      | 2625      | 2595      | 4.14   | cps   |
| Thallium   | 205-1 | 5902      | 5927      | 6085      | 5971      | 1.67   | cps   |
| Tin        | 118-1 | 5410      | 5485      | 5401      | 5432      | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 13:59:49 | DataFile Name :   | 012CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3501     | 3742     | 3509     | 3584     | 3.83   | cps   |
| Uranium   | 238-1 | 2175     | 2067     | 1992     | 2078     | 4.44   | cps   |
| Vanadium  | 51-2  | 370      | 373      | 357      | 367      | 2.40   | cps   |
| Ytterbium | 172-1 | 217      | 208      | 225      | 217      | 3.85   | cps   |
| Ytterbium | 172-2 | 106      | 89       | 89       | 94       | 10.19  | cps   |
| Ytterbium | 176-1 | 1709     | 1658     | 1550     | 1639     | 4.94   | cps   |
| Ytterbium | 176-2 | 6057     | 6363     | 6057     | 6159     | 2.87   | cps   |
| Yttrium   | 89-1  | 17641513 | 17492043 | 17265979 | 17466512 | 1.08   | cps   |
| Yttrium   | 89-2  | 1847563  | 1921592  | 1879413  | 1882856  | 1.97   | cps   |
| Zinc      | 66-2  | 3747     | 3580     | 3684     | 3671     | 2.29   | cps   |
| Zirconium | 90-1  | 9779     | 9921     | 9754     | 9818     | 0.92   | cps   |
| Zirconium | 91-1  | 2250     | 2000     | 1950     | 2067     | 7.78   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : ICV27 Instrumnet Name : P8  
 Client Sample ID : ICV27 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 14:32:21 DataFile Name : 015ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 44734    | 44427    | 44016    | 44392    | 0.81   | cps   |
| Antimony   | 121-1 | 1465826  | 1464697  | 1485935  | 1472153  | 0.81   | cps   |
| Arsenic    | 75-2  | 56047    | 54530    | 54020    | 54866    | 1.92   | cps   |
| Barium     | 135-1 | 196718   | 198527   | 205907   | 200384   | 2.43   | cps   |
| Barium     | 137-1 | 345771   | 341422   | 361623   | 349605   | 3.04   | cps   |
| Beryllium  | 9-1   | 529638   | 524926   | 526233   | 526932   | 0.46   | cps   |
| Bismuth    | 209-1 | 6356513  | 6311307  | 6180944  | 6282921  | 1.45   | cps   |
| Bismuth    | 209-2 | 3358387  | 3423336  | 3351783  | 3377835  | 1.17   | cps   |
| Boron      | 10-1  | 561146   | 559494   | 562236   | 560959   | 0.25   | cps   |
| Boron      | 11-1  | 2230325  | 2304344  | 2203099  | 2245923  | 2.33   | cps   |
| Bromine    | 81-1  | 73351    | 76109    | 72165    | 73875    | 2.74   | cps   |
| Cadmium    | 111-1 | 279614   | 272019   | 283605   | 278412   | 2.11   | cps   |
| Cadmium    | 106-1 | 58417    | 59933    | 57245    | 58532    | 2.30   | cps   |
| Cadmium    | 108-1 | 33528    | 33186    | 34109    | 33608    | 1.39   | cps   |
| Calcium    | 43-1  | 95939    | 96143    | 96929    | 96337    | 0.54   | cps   |
| Calcium    | 44-1  | 1518923  | 1514445  | 1498479  | 1510616  | 0.71   | cps   |
| Carbon     | 12-1  | 10717002 | 10573765 | 10564809 | 10618525 | 0.80   | cps   |
| Carbon     | 12-2  | 99343    | 96348    | 94672    | 96788    | 2.45   | cps   |
| Chlorine   | 35-1  | 192055   | 186855   | 191767   | 190226   | 1.54   | cps   |
| Chlorine   | 35-2  | 1217     | 1358     | 1100     | 1225     | 10.56  | cps   |
| Chromium   | 52-2  | 278390   | 277591   | 274980   | 276987   | 0.64   | cps   |
| Cobalt     | 59-2  | 491056   | 494417   | 485743   | 490405   | 0.89   | cps   |
| Copper     | 63-2  | 367796   | 359888   | 367020   | 364901   | 1.19   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 50       | 53       | 39.74  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 58       | 150      | 67       | 92       | 55.30  | cps   |
| Erbium     | 164-2 | 53       | 43       | 47       | 48       | 10.66  | cps   |
| Gadolinium | 160-1 | 108      | 67       | 75       | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 117      | 100      | 100      | 106      | 9.12   | cps   |
| Holmium    | 165-1 | 11037418 | 10665008 | 10975666 | 10892697 | 1.83   | cps   |
| Holmium    | 165-2 | 4655935  | 4933009  | 4820554  | 4803166  | 2.90   | cps   |
| Indium     | 115-1 | 10516479 | 10134289 | 10325552 | 10325440 | 1.85   | cps   |
| Indium     | 115-2 | 1547409  | 1584301  | 1564905  | 1565538  | 1.18   | cps   |
| Iron       | 54-2  | 249969   | 255042   | 250445   | 251819   | 1.11   | cps   |
| Iron       | 56-2  | 4552837  | 4450549  | 4360845  | 4454744  | 2.16   | cps   |
| Iron       | 57-2  | 111539   | 109747   | 108297   | 109861   | 1.48   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV27               | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:32:21 | DataFile Name :   | 015ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11785    | 11356    | 11492    | 11544    | 1.90   | cps   |
| Lead       | 206-1 | 1151333  | 1153114  | 1185641  | 1163363  | 1.66   | cps   |
| Lead       | 207-1 | 959765   | 985527   | 1005781  | 983691   | 2.34   | cps   |
| Lead       | 208-1 | 4558227  | 4667622  | 4730378  | 4652076  | 1.87   | cps   |
| Lithium    | 6-1   | 10024693 | 9914213  | 9827354  | 9922087  | 1.00   | cps   |
| Magnesium  | 24-2  | 284577   | 277927   | 277253   | 279919   | 1.45   | cps   |
| Manganese  | 55-2  | 145821   | 145216   | 143549   | 144862   | 0.81   | cps   |
| Molybdenum | 94-1  | 17343732 | 17647667 | 17923692 | 17638363 | 1.64   | cps   |
| Molybdenum | 95-1  | 25422292 | 25583205 | 25393550 | 25466349 | 0.40   | cps   |
| Molybdenum | 96-1  | 28211988 | 28416533 | 28011105 | 28213209 | 0.72   | cps   |
| Molybdenum | 97-1  | 15571654 | 15275051 | 15738049 | 15528252 | 1.51   | cps   |
| Molybdenum | 98-1  | 40351401 | 40519445 | 40933118 | 40601321 | 0.74   | cps   |
| Neodymium  | 150-1 | 20       | 47       | 67       | 44       | 52.68  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 141306   | 139909   | 139623   | 140279   | 0.64   | cps   |
| Phosphorus | 31-2  | 158      | 208      | 200      | 189      | 14.18  | cps   |
| Potassium  | 39-2  | 365840   | 366142   | 359295   | 363759   | 1.06   | cps   |
| Rhodium    | 103-1 | 10535764 | 10316888 | 10382236 | 10411630 | 1.08   | cps   |
| Rhodium    | 103-2 | 4486792  | 4408397  | 4308771  | 4401320  | 2.03   | cps   |
| Scandium   | 45-1  | 9380113  | 9293491  | 9072739  | 9248781  | 1.71   | cps   |
| Scandium   | 45-2  | 265050   | 276762   | 264453   | 268755   | 2.58   | cps   |
| Selenium   | 82-1  | 46270    | 47354    | 47204    | 46942    | 1.25   | cps   |
| Selenium   | 77-2  | 1380     | 1440     | 1317     | 1379     | 4.47   | cps   |
| Selenium   | 78-2  | 4591     | 4653     | 4499     | 4581     | 1.69   | cps   |
| Silicon    | 28-1  | 6421731  | 6724917  | 6884543  | 6677064  | 3.52   | cps   |
| Silver     | 107-1 | 666343   | 674337   | 677936   | 672872   | 0.88   | cps   |
| Silver     | 109-1 | 618987   | 625277   | 630080   | 624781   | 0.89   | cps   |
| Sodium     | 23-2  | 912711   | 896087   | 879122   | 895973   | 1.87   | cps   |
| Strontium  | 86-1  | 1868518  | 1837157  | 1848824  | 1851500  | 0.86   | cps   |
| Strontium  | 88-1  | 15794545 | 15240133 | 15081866 | 15372181 | 2.43   | cps   |
| Sulfur     | 34-1  | 439656   | 435103   | 431983   | 435581   | 0.89   | cps   |
| Terbium    | 159-1 | 11204197 | 11279554 | 11467987 | 11317246 | 1.20   | cps   |
| Terbium    | 159-2 | 4582944  | 4783405  | 4617215  | 4661188  | 2.30   | cps   |
| Thallium   | 203-1 | 1487807  | 1452550  | 1505772  | 1482043  | 1.83   | cps   |
| Thallium   | 205-1 | 3600958  | 3537426  | 3597777  | 3578720  | 1.00   | cps   |
| Tin        | 118-1 | 4017492  | 3878103  | 3912658  | 3936085  | 1.84   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV27               | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:32:21 | DataFile Name :   | 015ICV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 8743196  | 9112576  | 8612159  | 8822644  | 2.94   | cps   |
| Uranium   | 238-1 | 9892025  | 10822272 | 10345877 | 10353391 | 4.49   | cps   |
| Vanadium  | 51-2  | 213163   | 209865   | 208117   | 210382   | 1.22   | cps   |
| Ytterbium | 172-1 | 83       | 83       | 83       | 83       | 0.00   | cps   |
| Ytterbium | 172-2 | 39       | 22       | 28       | 30       | 28.65  | cps   |
| Ytterbium | 176-1 | 16177    | 16569    | 16386    | 16377    | 1.20   | cps   |
| Ytterbium | 176-2 | 13029    | 13240    | 13268    | 13179    | 0.99   | cps   |
| Yttrium   | 89-1  | 18478995 | 18482368 | 17940668 | 18300677 | 1.70   | cps   |
| Yttrium   | 89-2  | 1899457  | 1997424  | 1911463  | 1936115  | 2.76   | cps   |
| Zinc      | 66-2  | 93671    | 91108    | 90078    | 91619    | 2.02   | cps   |
| Zirconium | 90-1  | 8949037  | 9096262  | 9210799  | 9085366  | 1.44   | cps   |
| Zirconium | 91-1  | 2059522  | 1975218  | 2014108  | 2016283  | 2.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1807     | 1804     | 1829     | 1813     | 0.74   | cps   |
| Antimony   | 121-1 | 15259    | 15117    | 15476    | 15284    | 1.18   | cps   |
| Arsenic    | 75-2  | 294      | 279      | 272      | 282      | 3.99   | cps   |
| Barium     | 135-1 | 19306    | 18930    | 20349    | 19528    | 3.76   | cps   |
| Barium     | 137-1 | 34219    | 33901    | 33125    | 33748    | 1.67   | cps   |
| Beryllium  | 9-1   | 5530     | 5658     | 5372     | 5520     | 2.60   | cps   |
| Bismuth    | 209-1 | 5983348  | 6002228  | 6065572  | 6017049  | 0.72   | cps   |
| Bismuth    | 209-2 | 3195669  | 3338656  | 3314884  | 3283070  | 2.33   | cps   |
| Boron      | 10-1  | 40490    | 40127    | 40965    | 40527    | 1.04   | cps   |
| Boron      | 11-1  | 179059   | 179330   | 181447   | 179945   | 0.73   | cps   |
| Bromine    | 81-1  | 70514    | 70264    | 74994    | 71924    | 3.70   | cps   |
| Cadmium    | 111-1 | 6778     | 6407     | 6746     | 6644     | 3.10   | cps   |
| Cadmium    | 106-1 | 6127     | 6068     | 6177     | 6124     | 0.89   | cps   |
| Cadmium    | 108-1 | 354      | 392      | 421      | 389      | 8.59   | cps   |
| Calcium    | 43-1  | 19948    | 19683    | 20024    | 19885    | 0.90   | cps   |
| Calcium    | 44-1  | 330405   | 332398   | 332208   | 331670   | 0.33   | cps   |
| Carbon     | 12-1  | 9530300  | 9450592  | 9533293  | 9504728  | 0.49   | cps   |
| Carbon     | 12-2  | 87184    | 85608    | 88055    | 86949    | 1.43   | cps   |
| Chlorine   | 35-1  | 202751   | 203661   | 203520   | 203311   | 0.24   | cps   |
| Chlorine   | 35-2  | 1383     | 1200     | 1158     | 1247     | 9.60   | cps   |
| Chromium   | 52-2  | 6765     | 6785     | 6762     | 6771     | 0.19   | cps   |
| Cobalt     | 59-2  | 4901     | 5148     | 5118     | 5055     | 2.66   | cps   |
| Copper     | 63-2  | 8870     | 9196     | 8339     | 8802     | 4.91   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 83       | 100      | 75       | 86       | 14.78  | cps   |
| Erbium     | 164-2 | 43       | 57       | 27       | 42       | 35.60  | cps   |
| Gadolinium | 160-1 | 100      | 117      | 67       | 94       | 26.96  | cps   |
| Gadolinium | 160-2 | 83       | 83       | 87       | 84       | 2.28   | cps   |
| Holmium    | 165-1 | 10407004 | 10710915 | 10812822 | 10643580 | 1.98   | cps   |
| Holmium    | 165-2 | 4646496  | 4848945  | 4683107  | 4726183  | 2.28   | cps   |
| Indium     | 115-1 | 10239981 | 10459561 | 10580609 | 10426717 | 1.66   | cps   |
| Indium     | 115-2 | 1565402  | 1559664  | 1604641  | 1576569  | 1.55   | cps   |
| Iron       | 54-2  | 7480     | 7619     | 6941     | 7346     | 4.88   | cps   |
| Iron       | 56-2  | 119692   | 120624   | 118831   | 119716   | 0.75   | cps   |
| Iron       | 57-2  | 3023     | 3195     | 2967     | 3061     | 3.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11361    | 11401    | 11676    | 11479    | 1.49   | cps   |
| Lead       | 206-1 | 6163     | 6057     | 5896     | 6039     | 2.23   | cps   |
| Lead       | 207-1 | 5607     | 5724     | 5624     | 5651     | 1.12   | cps   |
| Lead       | 208-1 | 24788    | 24359    | 24927    | 24691    | 1.20   | cps   |
| Lithium    | 6-1   | 10239580 | 9986653  | 10074054 | 10100096 | 1.27   | cps   |
| Magnesium  | 24-2  | 126103   | 119253   | 119322   | 121559   | 3.24   | cps   |
| Manganese  | 55-2  | 1797     | 1690     | 1683     | 1723     | 3.69   | cps   |
| Molybdenum | 94-1  | 22418    | 21584    | 20741    | 21581    | 3.89   | cps   |
| Molybdenum | 95-1  | 26534    | 27879    | 25766    | 26726    | 4.00   | cps   |
| Molybdenum | 96-1  | 29883    | 30576    | 28789    | 29749    | 3.03   | cps   |
| Molybdenum | 97-1  | 16335    | 16126    | 15409    | 15957    | 3.04   | cps   |
| Molybdenum | 98-1  | 41170    | 41120    | 41112    | 41134    | 0.08   | cps   |
| Neodymium  | 150-1 | 20       | 13       | 33       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 1767     | 1630     | 1627     | 1675     | 4.77   | cps   |
| Phosphorus | 31-2  | 325      | 233      | 342      | 300      | 19.45  | cps   |
| Potassium  | 39-2  | 110798   | 110783   | 109633   | 110405   | 0.61   | cps   |
| Rhodium    | 103-1 | 10578280 | 10225199 | 10573847 | 10459109 | 1.94   | cps   |
| Rhodium    | 103-2 | 4249663  | 4296273  | 4399610  | 4315182  | 1.78   | cps   |
| Scandium   | 45-1  | 9220791  | 9512376  | 9330177  | 9354448  | 1.57   | cps   |
| Scandium   | 45-2  | 267007   | 260164   | 265343   | 264171   | 1.35   | cps   |
| Selenium   | 82-1  | 1106     | 1108     | 912      | 1042     | 10.81  | cps   |
| Selenium   | 77-2  | 10       | 40       | 13       | 21       | 77.90  | cps   |
| Selenium   | 78-2  | 249      | 214      | 249      | 237      | 8.52   | cps   |
| Silicon    | 28-1  | 1363090  | 1358197  | 1328089  | 1349792  | 1.40   | cps   |
| Silver     | 107-1 | 13799    | 14266    | 13132    | 13732    | 4.15   | cps   |
| Silver     | 109-1 | 13115    | 13857    | 13107    | 13360    | 3.23   | cps   |
| Sodium     | 23-2  | 238908   | 237526   | 239916   | 238783   | 0.50   | cps   |
| Strontium  | 86-1  | 21500    | 22185    | 20616    | 21434    | 3.67   | cps   |
| Strontium  | 88-1  | 30017    | 30300    | 30601    | 30306    | 0.96   | cps   |
| Sulfur     | 34-1  | 440965   | 448205   | 450822   | 446664   | 1.14   | cps   |
| Terbium    | 159-1 | 11700989 | 11483727 | 11081422 | 11422046 | 2.75   | cps   |
| Terbium    | 159-2 | 4606047  | 4714151  | 4636941  | 4652380  | 1.20   | cps   |
| Thallium   | 203-1 | 7010     | 7261     | 6885     | 7052     | 2.71   | cps   |
| Thallium   | 205-1 | 18288    | 17195    | 16745    | 17409    | 4.56   | cps   |
| Tin        | 118-1 | 38781    | 39040    | 39759    | 39193    | 1.29   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:36:26 | DataFile Name :   | 016LLIC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9895     | 10087    | 9587     | 9856     | 2.56   | cps   |
| Uranium   | 238-1 | 19215    | 19824    | 19282    | 19440    | 1.72   | cps   |
| Vanadium  | 51-2  | 11338    | 10944    | 10958    | 11080    | 2.02   | cps   |
| Ytterbium | 172-1 | 83       | 58       | 42       | 61       | 34.32  | cps   |
| Ytterbium | 172-2 | 39       | 22       | 33       | 31       | 26.96  | cps   |
| Ytterbium | 176-1 | 1650     | 1683     | 1392     | 1575     | 10.14  | cps   |
| Ytterbium | 176-2 | 6152     | 6457     | 7113     | 6574     | 7.47   | cps   |
| Yttrium   | 89-1  | 18088346 | 18049449 | 18310841 | 18149546 | 0.78   | cps   |
| Yttrium   | 89-2  | 1829742  | 1904853  | 1933742  | 1889445  | 2.84   | cps   |
| Zinc      | 66-2  | 1117     | 1233     | 1250     | 1200     | 6.05   | cps   |
| Zirconium | 90-1  | 19038    | 18746    | 18137    | 18641    | 2.47   | cps   |
| Zirconium | 91-1  | 3959     | 3917     | 4217     | 4031     | 4.03   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : ICB27 Instrumnet Name : P8  
 Client Sample ID : ICB27 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 14:39:29 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 92       | 95       | 93       | 1.55   | cps   |
| Antimony   | 121-1 | 283      | 325      | 367      | 325      | 12.82  | cps   |
| Arsenic    | 75-2  | 3        | 6        | 4        | 4        | 35.25  | cps   |
| Barium     | 135-1 | 75       | 100      | 33       | 69       | 48.50  | cps   |
| Barium     | 137-1 | 92       | 100      | 67       | 86       | 20.14  | cps   |
| Beryllium  | 9-1   | 80       | 94       | 78       | 84       | 10.38  | cps   |
| Bismuth    | 209-1 | 5930519  | 6090316  | 5857227  | 5959354  | 2.00   | cps   |
| Bismuth    | 209-2 | 3265743  | 3220368  | 3279482  | 3255198  | 0.95   | cps   |
| Boron      | 10-1  | 20424    | 20468    | 19301    | 20064    | 3.30   | cps   |
| Boron      | 11-1  | 88930    | 85803    | 84136    | 86289    | 2.82   | cps   |
| Bromine    | 81-1  | 74407    | 72707    | 73114    | 73410    | 1.21   | cps   |
| Cadmium    | 111-1 | 4182     | 4299     | 3689     | 4056     | 7.98   | cps   |
| Cadmium    | 106-1 | 6093     | 6327     | 5351     | 5924     | 8.60   | cps   |
| Cadmium    | 108-1 | 250      | 275      | 213      | 246      | 12.80  | cps   |
| Calcium    | 43-1  | 276      | 296      | 317      | 297      | 6.95   | cps   |
| Calcium    | 44-1  | 13888    | 14067    | 14017    | 13990    | 0.66   | cps   |
| Carbon     | 12-1  | 10270039 | 10568827 | 10665910 | 10501592 | 1.96   | cps   |
| Carbon     | 12-2  | 100251   | 99000    | 100384   | 99878    | 0.76   | cps   |
| Chlorine   | 35-1  | 186712   | 190166   | 188754   | 188544   | 0.92   | cps   |
| Chlorine   | 35-2  | 1308     | 1233     | 1283     | 1275     | 3.00   | cps   |
| Chromium   | 52-2  | 1443     | 1253     | 1353     | 1350     | 7.04   | cps   |
| Cobalt     | 59-2  | 73       | 90       | 123      | 96       | 26.65  | cps   |
| Copper     | 63-2  | 930      | 930      | 993      | 951      | 3.84   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 108      | 42       | 50       | 67       | 54.49  | cps   |
| Erbium     | 164-2 | 33       | 27       | 33       | 31       | 12.36  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 117      | 103      | 16.88  | cps   |
| Gadolinium | 160-2 | 93       | 93       | 103      | 97       | 5.97   | cps   |
| Holmium    | 165-1 | 10955299 | 10621036 | 10558055 | 10711464 | 1.99   | cps   |
| Holmium    | 165-2 | 4625679  | 4605766  | 4557168  | 4596204  | 0.77   | cps   |
| Indium     | 115-1 | 10248692 | 10668340 | 10161819 | 10359617 | 2.61   | cps   |
| Indium     | 115-2 | 1519512  | 1558291  | 1603782  | 1560529  | 2.70   | cps   |
| Iron       | 54-2  | 800      | 856      | 856      | 837      | 3.83   | cps   |
| Iron       | 56-2  | 6874     | 6574     | 7202     | 6883     | 4.56   | cps   |
| Iron       | 57-2  | 244      | 278      | 244      | 256      | 7.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB27               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:39:29 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11525    | 11686    | 11487    | 11566    | 0.91    | cps   |
| Lead       | 206-1 | 883      | 1022     | 794      | 900      | 12.76   | cps   |
| Lead       | 207-1 | 689      | 700      | 772      | 720      | 6.28    | cps   |
| Lead       | 208-1 | 3556     | 3695     | 3267     | 3506     | 6.23    | cps   |
| Lithium    | 6-1   | 9746161  | 10266040 | 10260478 | 10090893 | 2.96    | cps   |
| Magnesium  | 24-2  | 533      | 525      | 683      | 581      | 15.35   | cps   |
| Manganese  | 55-2  | 213      | 220      | 177      | 203      | 11.47   | cps   |
| Molybdenum | 94-1  | 775      | 675      | 767      | 739      | 7.51    | cps   |
| Molybdenum | 95-1  | 717      | 600      | 567      | 628      | 12.55   | cps   |
| Molybdenum | 96-1  | 1158     | 1150     | 1008     | 1106     | 7.63    | cps   |
| Molybdenum | 97-1  | 525      | 425      | 467      | 472      | 10.64   | cps   |
| Molybdenum | 98-1  | 1192     | 1075     | 817      | 1028     | 18.67   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 110      | 63       | 83       | 86       | 27.37   | cps   |
| Phosphorus | 31-2  | 183      | 142      | 158      | 161      | 13.02   | cps   |
| Potassium  | 39-2  | 22768    | 23027    | 22944    | 22913    | 0.58    | cps   |
| Rhodium    | 103-1 | 10780673 | 10632109 | 10172072 | 10528285 | 3.01    | cps   |
| Rhodium    | 103-2 | 4199658  | 4277546  | 4260095  | 4245766  | 0.96    | cps   |
| Scandium   | 45-1  | 9308438  | 8829307  | 8850668  | 8996137  | 3.01    | cps   |
| Scandium   | 45-2  | 265676   | 259379   | 261889   | 262315   | 1.21    | cps   |
| Selenium   | 82-1  | -103     | -30      | 38       | -32      | -221.00 | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 136      | 126      | 117      | 126      | 7.52    | cps   |
| Silicon    | 28-1  | 1219391  | 1231917  | 1211295  | 1220867  | 0.85    | cps   |
| Silver     | 107-1 | 375      | 383      | 292      | 350      | 14.48   | cps   |
| Silver     | 109-1 | 375      | 350      | 300      | 342      | 11.18   | cps   |
| Sodium     | 23-2  | 16868    | 17578    | 18145    | 17530    | 3.65    | cps   |
| Strontium  | 86-1  | 18287    | 17954    | 18580    | 18273    | 1.71    | cps   |
| Strontium  | 88-1  | 683      | 625      | 650      | 653      | 4.48    | cps   |
| Sulfur     | 34-1  | 455039   | 457807   | 461790   | 458212   | 0.74    | cps   |
| Terbium    | 159-1 | 11332647 | 11027060 | 10802961 | 11054222 | 2.41    | cps   |
| Terbium    | 159-2 | 4612653  | 4561247  | 4527669  | 4567190  | 0.94    | cps   |
| Thallium   | 203-1 | 450      | 508      | 617      | 525      | 16.11   | cps   |
| Thallium   | 205-1 | 1158     | 1350     | 1292     | 1267     | 7.76    | cps   |
| Tin        | 118-1 | 1425     | 1392     | 1317     | 1378     | 4.03    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB27               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:39:29 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 508      | 650      | 517      | 558      | 14.24  | cps   |
| Uranium   | 238-1 | 250      | 108      | 242      | 200      | 39.75  | cps   |
| Vanadium  | 51-2  | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Ytterbium | 172-1 | 17       | 25       | 58       | 33       | 66.14  | cps   |
| Ytterbium | 172-2 | 44       | 39       | 22       | 35       | 32.88  | cps   |
| Ytterbium | 176-1 | 1575     | 1542     | 1700     | 1606     | 5.20   | cps   |
| Ytterbium | 176-2 | 6190     | 6335     | 6513     | 6346     | 2.54   | cps   |
| Yttrium   | 89-1  | 18251945 | 17784373 | 18041620 | 18025979 | 1.30   | cps   |
| Yttrium   | 89-2  | 1863288  | 1858648  | 1880789  | 1867575  | 0.63   | cps   |
| Zinc      | 66-2  | 163      | 207      | 223      | 198      | 15.66  | cps   |
| Zirconium | 90-1  | 1125     | 917      | 1067     | 1036     | 10.37  | cps   |
| Zirconium | 91-1  | 217      | 283      | 258      | 253      | 13.32  | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : ICSA27 Instrumnet Name : P8  
 Client Sample ID : ICSA27 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 14:42:30 DataFile Name : 018ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9045957   | 8837392   | 8950847   | 8944732   | 1.17   | cps   |
| Antimony   | 121-1 | 9278      | 9137      | 8903      | 9106      | 2.08   | cps   |
| Arsenic    | 75-2  | 88        | 112       | 75        | 92        | 20.47  | cps   |
| Barium     | 135-1 | 2892      | 3184      | 3225      | 3100      | 5.86   | cps   |
| Barium     | 137-1 | 5401      | 5026      | 5151      | 5193      | 3.68   | cps   |
| Beryllium  | 9-1   | 1416      | 1588      | 1504      | 1502      | 5.72   | cps   |
| Bismuth    | 209-1 | 5816926   | 5842998   | 5566188   | 5742037   | 2.66   | cps   |
| Bismuth    | 209-2 | 3121318   | 3143178   | 3106712   | 3123736   | 0.59   | cps   |
| Boron      | 10-1  | 15984     | 15515     | 15039     | 15513     | 3.05   | cps   |
| Boron      | 11-1  | 69611     | 67766     | 66460     | 67946     | 2.33   | cps   |
| Bromine    | 81-1  | 73122     | 75121     | 79363     | 75869     | 4.20   | cps   |
| Cadmium    | 111-1 | 4993      | 4607      | 4925      | 4842      | 4.26   | cps   |
| Cadmium    | 106-1 | 5660      | 5518      | 5576      | 5585      | 1.28   | cps   |
| Cadmium    | 108-1 | 2146      | 2259      | 1988      | 2131      | 6.39   | cps   |
| Calcium    | 43-1  | 4080271   | 4083917   | 4020173   | 4061454   | 0.88   | cps   |
| Calcium    | 44-1  | 65595796  | 64010069  | 65216947  | 64940937  | 1.28   | cps   |
| Carbon     | 12-1  | 50300957  | 51272729  | 51283437  | 50952374  | 1.11   | cps   |
| Carbon     | 12-2  | 469168    | 472492    | 458883    | 466848    | 1.52   | cps   |
| Chlorine   | 35-1  | 14474262  | 18229845  | 21719115  | 18141074  | 19.97  | cps   |
| Chlorine   | 35-2  | 180416    | 191414    | 205806    | 192545    | 6.61   | cps   |
| Chromium   | 52-2  | 56498     | 54323     | 55544     | 55455     | 1.97   | cps   |
| Cobalt     | 59-2  | 5938      | 6161      | 5875      | 5991      | 2.51   | cps   |
| Copper     | 63-2  | 27771     | 28345     | 27503     | 27873     | 1.54   | cps   |
| Dysprosium | 156-1 | 50        | 58        | 33        | 47        | 26.97  | cps   |
| Dysprosium | 156-2 | 17        | 23        | 7         | 16        | 53.90  | cps   |
| Erbium     | 164-1 | 167       | 100       | 142       | 136       | 24.74  | cps   |
| Erbium     | 164-2 | 57        | 33        | 63        | 51        | 30.82  | cps   |
| Gadolinium | 160-1 | 100       | 142       | 108       | 117       | 18.90  | cps   |
| Gadolinium | 160-2 | 110       | 93        | 110       | 104       | 9.21   | cps   |
| Holmium    | 165-1 | 10972483  | 10683476  | 10725168  | 10793709  | 1.45   | cps   |
| Holmium    | 165-2 | 4817765   | 4735603   | 4727679   | 4760349   | 1.05   | cps   |
| Indium     | 115-1 | 10473532  | 10277808  | 10398778  | 10383373  | 0.95   | cps   |
| Indium     | 115-2 | 1537743   | 1562259   | 1515409   | 1538470   | 1.52   | cps   |
| Iron       | 54-2  | 12825303  | 12530347  | 12837005  | 12730885  | 1.36   | cps   |
| Iron       | 56-2  | 228533616 | 229806172 | 226039905 | 228126564 | 0.84   | cps   |
| Iron       | 57-2  | 5810642   | 5885057   | 5728570   | 5808090   | 1.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA27              | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:42:30 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11472    | 11191    | 11356    | 11339    | 1.25    | cps   |
| Lead       | 206-1 | 24930    | 25041    | 25158    | 25043    | 0.46    | cps   |
| Lead       | 207-1 | 20177    | 19905    | 20016    | 20033    | 0.68    | cps   |
| Lead       | 208-1 | 95545    | 96398    | 95868    | 95937    | 0.45    | cps   |
| Lithium    | 6-1   | 9873429  | 9742666  | 9768009  | 9794701  | 0.71    | cps   |
| Magnesium  | 24-2  | 23472439 | 23879102 | 23364460 | 23572001 | 1.15    | cps   |
| Manganese  | 55-2  | 11782    | 11285    | 11568    | 11545    | 2.16    | cps   |
| Molybdenum | 94-1  | 5533150  | 5581769  | 5644678  | 5586533  | 1.00    | cps   |
| Molybdenum | 95-1  | 9789286  | 10029673 | 9906201  | 9908387  | 1.21    | cps   |
| Molybdenum | 96-1  | 10327853 | 10681974 | 10419028 | 10476285 | 1.76    | cps   |
| Molybdenum | 97-1  | 5923038  | 5879487  | 5897589  | 5900038  | 0.37    | cps   |
| Molybdenum | 98-1  | 15022024 | 15217733 | 15167148 | 15135635 | 0.67    | cps   |
| Neodymium  | 150-1 | 53       | 53       | 67       | 58       | 13.33   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 13       | 8        | 65.47   | cps   |
| Nickel     | 60-2  | 7149     | 7272     | 6945     | 7122     | 2.32    | cps   |
| Phosphorus | 31-2  | 546426   | 531719   | 534756   | 537634   | 1.44    | cps   |
| Potassium  | 39-2  | 18193416 | 17920914 | 18079876 | 18064735 | 0.76    | cps   |
| Rhodium    | 103-1 | 9837442  | 9598746  | 9696391  | 9710860  | 1.24    | cps   |
| Rhodium    | 103-2 | 3978177  | 4106456  | 4069910  | 4051514  | 1.63    | cps   |
| Scandium   | 45-1  | 9500769  | 9380913  | 9410821  | 9430834  | 0.66    | cps   |
| Scandium   | 45-2  | 269003   | 268810   | 267895   | 268569   | 0.22    | cps   |
| Selenium   | 82-1  | -290     | 50       | -9       | -83      | -219.19 | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 120      | 116      | 109      | 115      | 4.84    | cps   |
| Silicon    | 28-1  | 1499109  | 1461862  | 1462800  | 1474590  | 1.44    | cps   |
| Silver     | 107-1 | 1242     | 1025     | 1025     | 1097     | 11.40   | cps   |
| Silver     | 109-1 | 1283     | 967      | 858      | 1036     | 21.32   | cps   |
| Sodium     | 23-2  | 45360176 | 46294300 | 45865104 | 45839860 | 1.02    | cps   |
| Strontium  | 86-1  | 135946   | 138182   | 140177   | 138102   | 1.53    | cps   |
| Strontium  | 88-1  | 1010596  | 1025216  | 1051843  | 1029218  | 2.03    | cps   |
| Sulfur     | 34-1  | 6985596  | 7229762  | 7153816  | 7123058  | 1.75    | cps   |
| Terbium    | 159-1 | 11404886 | 11692195 | 11522693 | 11539925 | 1.25    | cps   |
| Terbium    | 159-2 | 4881053  | 4690702  | 4674716  | 4748824  | 2.42    | cps   |
| Thallium   | 203-1 | 1425     | 1225     | 1717     | 1456     | 16.99   | cps   |
| Thallium   | 205-1 | 3067     | 3334     | 4534     | 3645     | 21.44   | cps   |
| Tin        | 118-1 | 2767     | 2975     | 2842     | 2862     | 3.69    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA27              | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA27              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:42:30 | DataFile Name :   | 018ICSA.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3631230  | 3711122  | 3658039  | 3666797  | 1.11   | cps   |
| Uranium   | 238-1 | 383      | 492      | 358      | 411      | 17.24  | cps   |
| Vanadium  | 51-2  | 387      | 343      | 340      | 357      | 7.30   | cps   |
| Ytterbium | 172-1 | 58       | 42       | 50       | 50       | 16.66  | cps   |
| Ytterbium | 172-2 | 22       | 39       | 17       | 26       | 44.60  | cps   |
| Ytterbium | 176-1 | 1725     | 1900     | 1825     | 1817     | 4.83   | cps   |
| Ytterbium | 176-2 | 6018     | 6696     | 6290     | 6335     | 5.39   | cps   |
| Yttrium   | 89-1  | 17813681 | 18889891 | 18973294 | 18558956 | 3.48   | cps   |
| Yttrium   | 89-2  | 1903857  | 1933126  | 1953309  | 1930097  | 1.29   | cps   |
| Zinc      | 66-2  | 5078     | 5171     | 5164     | 5138     | 1.01   | cps   |
| Zirconium | 90-1  | 1150     | 1117     | 1417     | 1228     | 13.39  | cps   |
| Zirconium | 91-1  | 283      | 267      | 217      | 256      | 13.58  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9000177   | 9210249   | 8800622   | 9003683   | 2.28   | cps   |
| Antimony   | 121-1 | 156440    | 153829    | 156190    | 155487    | 0.93   | cps   |
| Arsenic    | 75-2  | 5633      | 5682      | 5717      | 5677      | 0.74   | cps   |
| Barium     | 135-1 | 45703     | 43864     | 44140     | 44569     | 2.23   | cps   |
| Barium     | 137-1 | 76971     | 79116     | 76049     | 77378     | 2.03   | cps   |
| Beryllium  | 9-1   | 105243    | 103132    | 102121    | 103498    | 1.54   | cps   |
| Bismuth    | 209-1 | 5568553   | 5700459   | 5546858   | 5605290   | 1.48   | cps   |
| Bismuth    | 209-2 | 3262018   | 3234402   | 3238640   | 3245020   | 0.46   | cps   |
| Boron      | 10-1  | 10236     | 10192     | 9899      | 10109     | 1.81   | cps   |
| Boron      | 11-1  | 45892     | 45606     | 44405     | 45301     | 1.74   | cps   |
| Bromine    | 81-1  | 81777     | 81506     | 84295     | 82526     | 1.86   | cps   |
| Cadmium    | 111-1 | 54049     | 54802     | 54255     | 54369     | 0.72   | cps   |
| Cadmium    | 106-1 | 10896     | 10371     | 10204     | 10490     | 3.44   | cps   |
| Cadmium    | 108-1 | 5380      | 5535      | 5426      | 5447      | 1.45   | cps   |
| Calcium    | 43-1  | 4100230   | 4182465   | 4075202   | 4119299   | 1.36   | cps   |
| Calcium    | 44-1  | 65650221  | 66696796  | 66721982  | 66356333  | 0.92   | cps   |
| Carbon     | 12-1  | 49936482  | 51381331  | 51288295  | 50868703  | 1.59   | cps   |
| Carbon     | 12-2  | 472189    | 471512    | 467917    | 470539    | 0.49   | cps   |
| Chlorine   | 35-1  | 28701284  | 32737457  | 35786672  | 32408471  | 10.97  | cps   |
| Chlorine   | 35-2  | 262432    | 279884    | 292446    | 278254    | 5.42   | cps   |
| Chromium   | 52-2  | 110090    | 111787    | 111542    | 111139    | 0.83   | cps   |
| Cobalt     | 59-2  | 104343    | 105451    | 106660    | 105485    | 1.10   | cps   |
| Copper     | 63-2  | 101188    | 100373    | 101124    | 100895    | 0.45   | cps   |
| Dysprosium | 156-1 | 58        | 50        | 67        | 58        | 14.29  | cps   |
| Dysprosium | 156-2 | 17        | 30        | 23        | 23        | 28.56  | cps   |
| Erbium     | 164-1 | 217       | 83        | 100       | 133       | 54.49  | cps   |
| Erbium     | 164-2 | 23        | 13        | 47        | 28        | 61.59  | cps   |
| Gadolinium | 160-1 | 150       | 83        | 100       | 111       | 31.23  | cps   |
| Gadolinium | 160-2 | 90        | 127       | 107       | 108       | 17.03  | cps   |
| Holmium    | 165-1 | 10728297  | 10285797  | 10455352  | 10489815  | 2.13   | cps   |
| Holmium    | 165-2 | 4832671   | 4935023   | 5037448   | 4935047   | 2.07   | cps   |
| Indium     | 115-1 | 10615272  | 10291848  | 10455750  | 10454290  | 1.55   | cps   |
| Indium     | 115-2 | 1579640   | 1600555   | 1584107   | 1588101   | 0.69   | cps   |
| Iron       | 54-2  | 12736541  | 12828281  | 12705342  | 12756721  | 0.50   | cps   |
| Iron       | 56-2  | 224556433 | 233963450 | 228107455 | 228875779 | 2.08   | cps   |
| Iron       | 57-2  | 5890210   | 5939544   | 5928344   | 5919366   | 0.44   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11545    | 11419    | 11465    | 11476    | 0.55   | cps   |
| Lead       | 206-1 | 128825   | 132323   | 130039   | 130396   | 1.36   | cps   |
| Lead       | 207-1 | 108538   | 108308   | 107372   | 108073   | 0.57   | cps   |
| Lead       | 208-1 | 497012   | 505339   | 498594   | 500315   | 0.88   | cps   |
| Lithium    | 6-1   | 9257396  | 9760622  | 9504293  | 9507437  | 2.65   | cps   |
| Magnesium  | 24-2  | 23551086 | 23533815 | 23618813 | 23567905 | 0.19   | cps   |
| Manganese  | 55-2  | 40979    | 41607    | 41521    | 41369    | 0.82   | cps   |
| Molybdenum | 94-1  | 5488672  | 5639342  | 5458548  | 5528854  | 1.75   | cps   |
| Molybdenum | 95-1  | 9777816  | 9880392  | 9695426  | 9784544  | 0.95   | cps   |
| Molybdenum | 96-1  | 10634864 | 10589973 | 10220721 | 10481853 | 2.17   | cps   |
| Molybdenum | 97-1  | 5872796  | 5962012  | 6057470  | 5964093  | 1.55   | cps   |
| Molybdenum | 98-1  | 15232434 | 15164403 | 15672406 | 15356414 | 1.80   | cps   |
| Neodymium  | 150-1 | 33       | 80       | 93       | 69       | 45.74  | cps   |
| Neodymium  | 150-2 | 20       | 7        | 17       | 14       | 48.02  | cps   |
| Nickel     | 60-2  | 33085    | 33944    | 33446    | 33492    | 1.29   | cps   |
| Phosphorus | 31-2  | 547335   | 556564   | 538676   | 547525   | 1.63   | cps   |
| Potassium  | 39-2  | 18033886 | 18556750 | 18254818 | 18281818 | 1.44   | cps   |
| Rhodium    | 103-1 | 9772608  | 10080777 | 9975994  | 9943126  | 1.58   | cps   |
| Rhodium    | 103-2 | 4182995  | 4193865  | 4187073  | 4187978  | 0.13   | cps   |
| Scandium   | 45-1  | 9126000  | 9369769  | 9422470  | 9306080  | 1.70   | cps   |
| Scandium   | 45-2  | 272515   | 276305   | 273033   | 273951   | 0.75   | cps   |
| Selenium   | 82-1  | 4506     | 4578     | 4377     | 4487     | 2.26   | cps   |
| Selenium   | 77-2  | 107      | 143      | 123      | 124      | 14.75  | cps   |
| Selenium   | 78-2  | 554      | 546      | 554      | 551      | 0.84   | cps   |
| Silicon    | 28-1  | 1436857  | 1394849  | 1447032  | 1426246  | 1.94   | cps   |
| Silver     | 107-1 | 247740   | 245384   | 246245   | 246456   | 0.48   | cps   |
| Silver     | 109-1 | 232586   | 240067   | 240250   | 237635   | 1.84   | cps   |
| Sodium     | 23-2  | 45938236 | 47145198 | 44949883 | 46011106 | 2.39   | cps   |
| Strontium  | 86-1  | 136565   | 138500   | 139378   | 138148   | 1.04   | cps   |
| Strontium  | 88-1  | 1032494  | 1038832  | 1015224  | 1028850  | 1.19   | cps   |
| Sulfur     | 34-1  | 7266726  | 7243910  | 7084949  | 7198528  | 1.38   | cps   |
| Terbium    | 159-1 | 11329364 | 11588133 | 11080460 | 11332653 | 2.24   | cps   |
| Terbium    | 159-2 | 4906637  | 4991329  | 4826216  | 4908061  | 1.68   | cps   |
| Thallium   | 203-1 | 134935   | 136882   | 135289   | 135702   | 0.76   | cps   |
| Thallium   | 205-1 | 315021   | 324379   | 326714   | 322038   | 1.92   | cps   |
| Tin        | 118-1 | 3242     | 2859     | 2734     | 2945     | 9.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB27             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB27             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:45:25 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3484410  | 3731305  | 3701539  | 3639085  | 3.70   | cps   |
| Uranium   | 238-1 | 492      | 392      | 350      | 411      | 17.71  | cps   |
| Vanadium  | 51-2  | 45101    | 44409    | 45536    | 45015    | 1.26   | cps   |
| Ytterbium | 172-1 | 75       | 67       | 92       | 78       | 16.37  | cps   |
| Ytterbium | 172-2 | 39       | 39       | 39       | 39       | 0.00   | cps   |
| Ytterbium | 176-1 | 1800     | 1817     | 1558     | 1725     | 8.38   | cps   |
| Ytterbium | 176-2 | 6574     | 6830     | 7141     | 6848     | 4.15   | cps   |
| Yttrium   | 89-1  | 18251583 | 18310216 | 18260645 | 18274148 | 0.17   | cps   |
| Yttrium   | 89-2  | 1957062  | 1992114  | 1977200  | 1975458  | 0.89   | cps   |
| Zinc      | 66-2  | 15051    | 15852    | 15212    | 15372    | 2.76   | cps   |
| Zirconium | 90-1  | 1425     | 1167     | 1042     | 1211     | 16.14  | cps   |
| Zirconium | 91-1  | 242      | 250      | 283      | 258      | 8.53   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4685058   | 4656439   | 4598286   | 4646594   | 0.95   | cps   |
| Antimony   | 121-1 | 3719758   | 3715645   | 3687451   | 3707618   | 0.47   | cps   |
| Arsenic    | 75-2  | 136578    | 135226    | 133901    | 135235    | 0.99   | cps   |
| Barium     | 135-1 | 5214924   | 5130497   | 5147905   | 5164442   | 0.86   | cps   |
| Barium     | 137-1 | 8449953   | 8931480   | 8682687   | 8688040   | 2.77   | cps   |
| Beryllium  | 9-1   | 2556055   | 2511328   | 2552087   | 2539823   | 0.97   | cps   |
| Bismuth    | 209-1 | 5276224   | 5143653   | 5673781   | 5364553   | 5.14   | cps   |
| Bismuth    | 209-2 | 3059720   | 2991992   | 2950420   | 3000711   | 1.84   | cps   |
| Boron      | 10-1  | 440966    | 454037    | 476771    | 457258    | 3.96   | cps   |
| Boron      | 11-1  | 1812910   | 1944366   | 2018628   | 1925301   | 5.41   | cps   |
| Bromine    | 81-1  | 77870     | 75176     | 76782     | 76609     | 1.77   | cps   |
| Cadmium    | 111-1 | 1234224   | 1240367   | 1228455   | 1234349   | 0.48   | cps   |
| Cadmium    | 106-1 | 146503    | 147827    | 147924    | 147418    | 0.54   | cps   |
| Cadmium    | 108-1 | 95482     | 97010     | 97779     | 96757     | 1.21   | cps   |
| Calcium    | 43-1  | 10126341  | 9990237   | 10244932  | 10120503  | 1.26   | cps   |
| Calcium    | 44-1  | 163970419 | 164715841 | 166615673 | 165100644 | 0.83   | cps   |
| Carbon     | 12-1  | 10868331  | 10897501  | 11051353  | 10939062  | 0.90   | cps   |
| Carbon     | 12-2  | 106820    | 110540    | 108902    | 108754    | 1.71   | cps   |
| Chlorine   | 35-1  | 9226876   | 8778394   | 8243176   | 8749482   | 5.63   | cps   |
| Chlorine   | 35-2  | 50330     | 49393     | 47763     | 49162     | 2.64   | cps   |
| Chromium   | 52-2  | 1515498   | 1509351   | 1486673   | 1503841   | 1.01   | cps   |
| Cobalt     | 59-2  | 2499179   | 2591302   | 2542490   | 2544324   | 1.81   | cps   |
| Copper     | 63-2  | 19843007  | 19390043  | 19461717  | 19564922  | 1.24   | cps   |
| Dysprosium | 156-1 | 725       | 733       | 758       | 739       | 2.35   | cps   |
| Dysprosium | 156-2 | 233       | 260       | 190       | 228       | 15.51  | cps   |
| Erbium     | 164-1 | 142       | 150       | 117       | 136       | 12.75  | cps   |
| Erbium     | 164-2 | 27        | 47        | 70        | 48        | 45.39  | cps   |
| Gadolinium | 160-1 | 408       | 433       | 450       | 431       | 4.87   | cps   |
| Gadolinium | 160-2 | 277       | 270       | 240       | 262       | 7.45   | cps   |
| Holmium    | 165-1 | 10880036  | 11042392  | 11057876  | 10993434  | 0.90   | cps   |
| Holmium    | 165-2 | 4840374   | 4770441   | 4714232   | 4775016   | 1.32   | cps   |
| Indium     | 115-1 | 10315393  | 10147090  | 9974042   | 10145508  | 1.68   | cps   |
| Indium     | 115-2 | 1555566   | 1566608   | 1544831   | 1555668   | 0.70   | cps   |
| Iron       | 54-2  | 16124473  | 16317141  | 15796461  | 16079358  | 1.64   | cps   |
| Iron       | 56-2  | 289701751 | 286897262 | 286254140 | 287617718 | 0.64   | cps   |
| Iron       | 57-2  | 7036743   | 7132713   | 7264558   | 7144671   | 1.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11236     | 11480     | 11523     | 11413     | 1.36   | cps   |
| Lead       | 206-1 | 12954208  | 13088141  | 13370416  | 13137588  | 1.62   | cps   |
| Lead       | 207-1 | 11461817  | 11215587  | 11566326  | 11414577  | 1.58   | cps   |
| Lead       | 208-1 | 51097746  | 50738129  | 52652177  | 51496017  | 1.98   | cps   |
| Lithium    | 6-1   | 9819029   | 9791088   | 10019643  | 9876586   | 1.26   | cps   |
| Magnesium  | 24-2  | 61776428  | 62070762  | 61058387  | 61635192  | 0.84   | cps   |
| Manganese  | 55-2  | 7959178   | 8035249   | 7936744   | 7977057   | 0.65   | cps   |
| Molybdenum | 94-1  | 17891719  | 18060708  | 17720627  | 17891018  | 0.95   | cps   |
| Molybdenum | 95-1  | 25895605  | 25547794  | 26441996  | 25961798  | 1.74   | cps   |
| Molybdenum | 96-1  | 27927593  | 27130832  | 28614094  | 27890840  | 2.66   | cps   |
| Molybdenum | 97-1  | 15837461  | 15487192  | 15766860  | 15697171  | 1.18   | cps   |
| Molybdenum | 98-1  | 41235859  | 41472714  | 40213732  | 40974102  | 1.63   | cps   |
| Neodymium  | 150-1 | 367       | 440       | 413       | 407       | 9.13   | cps   |
| Neodymium  | 150-2 | 47        | 40        | 37        | 41        | 12.39  | cps   |
| Nickel     | 60-2  | 672857    | 672332    | 673654    | 672948    | 0.10   | cps   |
| Phosphorus | 31-2  | 55884     | 57565     | 56168     | 56539     | 1.59   | cps   |
| Potassium  | 39-2  | 23399303  | 23405532  | 23512969  | 23439268  | 0.27   | cps   |
| Rhodium    | 103-1 | 9438629   | 9441606   | 9751898   | 9544044   | 1.89   | cps   |
| Rhodium    | 103-2 | 4115942   | 4173159   | 3966556   | 4085219   | 2.61   | cps   |
| Scandium   | 45-1  | 9272172   | 9327623   | 9596402   | 9398732   | 1.85   | cps   |
| Scandium   | 45-2  | 275277    | 276303    | 273487    | 275022    | 0.52   | cps   |
| Selenium   | 82-1  | 113345    | 113046    | 113700    | 113363    | 0.29   | cps   |
| Selenium   | 77-2  | 3427      | 3464      | 3604      | 3498      | 2.67   | cps   |
| Selenium   | 78-2  | 11723     | 11725     | 11687     | 11712     | 0.18   | cps   |
| Silicon    | 28-1  | 18421706  | 18335137  | 19008713  | 18588519  | 1.97   | cps   |
| Silver     | 107-1 | 6154406   | 6051530   | 6074715   | 6093550   | 0.89   | cps   |
| Silver     | 109-1 | 5936570   | 5815863   | 5786901   | 5846444   | 1.36   | cps   |
| Sodium     | 23-2  | 116723232 | 118218886 | 117441486 | 117461201 | 0.64   | cps   |
| Strontium  | 86-1  | 1873810   | 1869449   | 1817686   | 1853648   | 1.68   | cps   |
| Strontium  | 88-1  | 15479145  | 15598132  | 15588305  | 15555194  | 0.42   | cps   |
| Sulfur     | 34-1  | 1124319   | 1135199   | 1161322   | 1140280   | 1.67   | cps   |
| Terbium    | 159-1 | 11373282  | 11550635  | 11449057  | 11457658  | 0.78   | cps   |
| Terbium    | 159-2 | 4940762   | 4740411   | 4726725   | 4802632   | 2.49   | cps   |
| Thallium   | 203-1 | 3270403   | 3335255   | 3352503   | 3319387   | 1.30   | cps   |
| Thallium   | 205-1 | 7732930   | 7553716   | 7537047   | 7607897   | 1.43   | cps   |
| Tin        | 118-1 | 3769511   | 3735289   | 3748450   | 3751083   | 0.46   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 14:48:18 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9117704  | 9276815  | 9298592  | 9231037  | 1.07   | cps   |
| Uranium   | 238-1 | 9913669  | 9463633  | 9862542  | 9746614  | 2.53   | cps   |
| Vanadium  | 51-2  | 1164870  | 1150696  | 1139262  | 1151609  | 1.11   | cps   |
| Ytterbium | 172-1 | 100      | 175      | 142      | 139      | 27.06  | cps   |
| Ytterbium | 172-2 | 94       | 44       | 39       | 59       | 51.63  | cps   |
| Ytterbium | 176-1 | 16069    | 16269    | 16511    | 16283    | 1.36   | cps   |
| Ytterbium | 176-2 | 12406    | 14169    | 13313    | 13296    | 6.63   | cps   |
| Yttrium   | 89-1  | 18375412 | 18266253 | 18414655 | 18352107 | 0.42   | cps   |
| Yttrium   | 89-2  | 1927576  | 2007335  | 1883580  | 1939497  | 3.23   | cps   |
| Zinc      | 66-2  | 2450324  | 2408565  | 2434835  | 2431242  | 0.87   | cps   |
| Zirconium | 90-1  | 9362301  | 9277349  | 9256981  | 9298877  | 0.60   | cps   |
| Zirconium | 91-1  | 2055801  | 2091873  | 2123476  | 2090383  | 1.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 190      | 177      | 180      | 182      | 3.62   | cps   |
| Antimony   | 121-1 | 442      | 558      | 675      | 558      | 20.90  | cps   |
| Arsenic    | 75-2  | 11       | 3        | 7        | 7        | 57.14  | cps   |
| Barium     | 135-1 | 75       | 83       | 142      | 100      | 36.32  | cps   |
| Barium     | 137-1 | 133      | 158      | 117      | 136      | 15.41  | cps   |
| Beryllium  | 9-1   | 90       | 88       | 108      | 95       | 11.56  | cps   |
| Bismuth    | 209-1 | 5937887  | 6339764  | 6355126  | 6210925  | 3.81   | cps   |
| Bismuth    | 209-2 | 3411982  | 3275441  | 3404708  | 3364044  | 2.28   | cps   |
| Boron      | 10-1  | 14779    | 14378    | 13810    | 14322    | 3.40   | cps   |
| Boron      | 11-1  | 64570    | 62071    | 63316    | 63319    | 1.97   | cps   |
| Bromine    | 81-1  | 84119    | 80496    | 80964    | 81860    | 2.41   | cps   |
| Cadmium    | 111-1 | 4021     | 4071     | 3739     | 3943     | 4.54   | cps   |
| Cadmium    | 106-1 | 5668     | 5726     | 5326     | 5574     | 3.88   | cps   |
| Cadmium    | 108-1 | 67       | 54       | 104      | 75       | 34.69  | cps   |
| Calcium    | 43-1  | 409      | 362      | 332      | 368      | 10.44  | cps   |
| Calcium    | 44-1  | 15635    | 15647    | 15144    | 15475    | 1.86   | cps   |
| Carbon     | 12-1  | 10986702 | 10929412 | 10821617 | 10912577 | 0.77   | cps   |
| Carbon     | 12-2  | 100862   | 101760   | 100443   | 101022   | 0.67   | cps   |
| Chlorine   | 35-1  | 1752062  | 1673119  | 1658754  | 1694645  | 2.96   | cps   |
| Chlorine   | 35-2  | 10663    | 9870     | 10596    | 10376    | 4.23   | cps   |
| Chromium   | 52-2  | 1307     | 1280     | 1170     | 1252     | 5.79   | cps   |
| Cobalt     | 59-2  | 100      | 113      | 123      | 112      | 10.43  | cps   |
| Copper     | 63-2  | 1417     | 1513     | 1320     | 1417     | 6.82   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 125      | 58       | 83       | 89       | 37.89  | cps   |
| Erbium     | 164-2 | 37       | 33       | 37       | 36       | 5.42   | cps   |
| Gadolinium | 160-1 | 75       | 58       | 117      | 83       | 36.06  | cps   |
| Gadolinium | 160-2 | 77       | 137      | 77       | 97       | 35.83  | cps   |
| Holmium    | 165-1 | 11310363 | 11246061 | 10442130 | 10999518 | 4.40   | cps   |
| Holmium    | 165-2 | 4650153  | 4643430  | 4837677  | 4710420  | 2.34   | cps   |
| Indium     | 115-1 | 10802444 | 10446107 | 10928054 | 10725535 | 2.33   | cps   |
| Indium     | 115-2 | 1578116  | 1576530  | 1563938  | 1572861  | 0.49   | cps   |
| Iron       | 54-2  | 1117     | 1100     | 806      | 1007     | 17.37  | cps   |
| Iron       | 56-2  | 10343    | 10665    | 10237    | 10415    | 2.14   | cps   |
| Iron       | 57-2  | 294      | 239      | 289      | 274      | 11.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11777    | 11874    | 11655    | 11768    | 0.93    | cps   |
| Lead       | 206-1 | 872      | 1006     | 933      | 937      | 7.12    | cps   |
| Lead       | 207-1 | 817      | 811      | 717      | 782      | 7.19    | cps   |
| Lead       | 208-1 | 3706     | 4000     | 3817     | 3841     | 3.87    | cps   |
| Lithium    | 6-1   | 10364719 | 9968269  | 9810452  | 10047813 | 2.84    | cps   |
| Magnesium  | 24-2  | 1158     | 1333     | 1175     | 1222     | 7.90    | cps   |
| Manganese  | 55-2  | 197      | 183      | 167      | 182      | 8.25    | cps   |
| Molybdenum | 94-1  | 542      | 675      | 750      | 656      | 16.10   | cps   |
| Molybdenum | 95-1  | 658      | 542      | 667      | 622      | 11.23   | cps   |
| Molybdenum | 96-1  | 950      | 942      | 942      | 945      | 0.51    | cps   |
| Molybdenum | 97-1  | 392      | 500      | 275      | 389      | 28.94   | cps   |
| Molybdenum | 98-1  | 1008     | 958      | 950      | 972      | 3.25    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00    | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 47       | 37       | 50       | 44       | 15.61   | cps   |
| Phosphorus | 31-2  | 167      | 125      | 167      | 153      | 15.75   | cps   |
| Potassium  | 39-2  | 24029    | 24338    | 24330    | 24232    | 0.73    | cps   |
| Rhodium    | 103-1 | 11008587 | 10315759 | 10340953 | 10555100 | 3.72    | cps   |
| Rhodium    | 103-2 | 4393992  | 4305515  | 4281011  | 4326839  | 1.37    | cps   |
| Scandium   | 45-1  | 9565947  | 9764973  | 9490412  | 9607110  | 1.48    | cps   |
| Scandium   | 45-2  | 271820   | 269448   | 266016   | 269094   | 1.08    | cps   |
| Selenium   | 82-1  | -260     | -126     | 191      | -65      | -356.54 | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 117      | 108      | 122      | 116      | 6.13    | cps   |
| Silicon    | 28-1  | 1154397  | 1186988  | 1187064  | 1176150  | 1.60    | cps   |
| Silver     | 107-1 | 408      | 333      | 383      | 375      | 10.18   | cps   |
| Silver     | 109-1 | 317      | 450      | 367      | 378      | 17.83   | cps   |
| Sodium     | 23-2  | 23261    | 23294    | 22952    | 23169    | 0.81    | cps   |
| Strontium  | 86-1  | 18354    | 18463    | 19013    | 18610    | 1.90    | cps   |
| Strontium  | 88-1  | 508      | 483      | 508      | 500      | 2.89    | cps   |
| Sulfur     | 34-1  | 459122   | 464267   | 456447   | 459945   | 0.86    | cps   |
| Terbium    | 159-1 | 11466882 | 11269818 | 11161929 | 11299543 | 1.37    | cps   |
| Terbium    | 159-2 | 4726943  | 4810905  | 4677399  | 4738416  | 1.42    | cps   |
| Thallium   | 203-1 | 1158     | 1117     | 1008     | 1095     | 7.08    | cps   |
| Thallium   | 205-1 | 2867     | 2500     | 2634     | 2667     | 6.96    | cps   |
| Tin        | 118-1 | 1250     | 1292     | 1325     | 1289     | 2.92    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 14:57:23 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 583      | 533      | 542      | 553      | 4.85   | cps   |
| Uranium   | 238-1 | 175      | 142      | 83       | 133      | 34.80  | cps   |
| Vanadium  | 51-2  | 37       | 20       | 10       | 22       | 60.63  | cps   |
| Ytterbium | 172-1 | 50       | 58       | 83       | 64       | 27.15  | cps   |
| Ytterbium | 172-2 | 22       | 11       | 11       | 15       | 43.30  | cps   |
| Ytterbium | 176-1 | 1350     | 1350     | 1508     | 1403     | 6.52   | cps   |
| Ytterbium | 176-2 | 6113     | 6980     | 6735     | 6609     | 6.76   | cps   |
| Yttrium   | 89-1  | 18729599 | 17865719 | 19133456 | 18576258 | 3.49   | cps   |
| Yttrium   | 89-2  | 1976822  | 1984082  | 1964741  | 1975215  | 0.49   | cps   |
| Zinc      | 66-2  | 173      | 197      | 200      | 190      | 7.65   | cps   |
| Zirconium | 90-1  | 1017     | 1150     | 1050     | 1072     | 6.47   | cps   |
| Zirconium | 91-1  | 225      | 117      | 217      | 186      | 32.39  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1931     | 2016     | 2035     | 1994     | 2.77   | cps   |
| Antimony   | 121-1 | 15217    | 16152    | 15918    | 15762    | 3.08   | cps   |
| Arsenic    | 75-2  | 312      | 313      | 317      | 314      | 0.84   | cps   |
| Barium     | 135-1 | 21226    | 20357    | 20767    | 20783    | 2.09   | cps   |
| Barium     | 137-1 | 34988    | 33793    | 34988    | 34590    | 1.99   | cps   |
| Beryllium  | 9-1   | 5712     | 5822     | 5896     | 5810     | 1.59   | cps   |
| Bismuth    | 209-1 | 6608404  | 6127235  | 6340272  | 6358637  | 3.79   | cps   |
| Bismuth    | 209-2 | 3441194  | 3431358  | 3383263  | 3418605  | 0.91   | cps   |
| Boron      | 10-1  | 26743    | 27250    | 27935    | 27309    | 2.19   | cps   |
| Boron      | 11-1  | 117850   | 121498   | 128542   | 122630   | 4.43   | cps   |
| Bromine    | 81-1  | 77954    | 80867    | 77167    | 78663    | 2.48   | cps   |
| Cadmium    | 111-1 | 6759     | 6768     | 6668     | 6732     | 0.82   | cps   |
| Cadmium    | 106-1 | 5935     | 6051     | 5818     | 5935     | 1.97   | cps   |
| Cadmium    | 108-1 | 321      | 438      | 304      | 354      | 20.51  | cps   |
| Calcium    | 43-1  | 20541    | 21264    | 20812    | 20872    | 1.75   | cps   |
| Calcium    | 44-1  | 345625   | 342972   | 347702   | 345433   | 0.69   | cps   |
| Carbon     | 12-1  | 11210874 | 10886016 | 10833371 | 10976753 | 1.86   | cps   |
| Carbon     | 12-2  | 99646    | 98337    | 98924    | 98969    | 0.66   | cps   |
| Chlorine   | 35-1  | 1128743  | 1127270  | 1130748  | 1128920  | 0.15   | cps   |
| Chlorine   | 35-2  | 7794     | 7702     | 7102     | 7533     | 4.99   | cps   |
| Chromium   | 52-2  | 7235     | 6355     | 6918     | 6836     | 6.52   | cps   |
| Cobalt     | 59-2  | 5478     | 5108     | 5351     | 5312     | 3.54   | cps   |
| Copper     | 63-2  | 9520     | 8920     | 9270     | 9236     | 3.27   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 17       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 83       | 100      | 100      | 94       | 10.18  | cps   |
| Erbium     | 164-2 | 30       | 17       | 13       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 100      | 72       | 35.25  | cps   |
| Gadolinium | 160-2 | 80       | 107      | 73       | 87       | 20.36  | cps   |
| Holmium    | 165-1 | 11242244 | 10598843 | 10825447 | 10888845 | 3.00   | cps   |
| Holmium    | 165-2 | 4789743  | 4805648  | 4663231  | 4752874  | 1.64   | cps   |
| Indium     | 115-1 | 10927499 | 10601445 | 10859103 | 10796015 | 1.59   | cps   |
| Indium     | 115-2 | 1658564  | 1624761  | 1608497  | 1630607  | 1.57   | cps   |
| Iron       | 54-2  | 8108     | 7858     | 7508     | 7824     | 3.85   | cps   |
| Iron       | 56-2  | 131867   | 125072   | 129694   | 128878   | 2.69   | cps   |
| Iron       | 57-2  | 3412     | 3217     | 3139     | 3256     | 4.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11867    | 11927    | 12119    | 11971    | 1.10   | cps   |
| Lead       | 206-1 | 6190     | 6129     | 6129     | 6150     | 0.57   | cps   |
| Lead       | 207-1 | 5423     | 5496     | 5696     | 5538     | 2.55   | cps   |
| Lead       | 208-1 | 24081    | 25032    | 25410    | 24841    | 2.76   | cps   |
| Lithium    | 6-1   | 10084143 | 10461469 | 10481230 | 10342280 | 2.16   | cps   |
| Magnesium  | 24-2  | 129265   | 129532   | 129575   | 129457   | 0.13   | cps   |
| Manganese  | 55-2  | 2017     | 1783     | 1723     | 1841     | 8.42   | cps   |
| Molybdenum | 94-1  | 21893    | 22218    | 20841    | 21651    | 3.32   | cps   |
| Molybdenum | 95-1  | 25708    | 26509    | 25649    | 25956    | 1.85   | cps   |
| Molybdenum | 96-1  | 28422    | 29223    | 29123    | 28923    | 1.51   | cps   |
| Molybdenum | 97-1  | 15025    | 15935    | 15801    | 15587    | 3.15   | cps   |
| Molybdenum | 98-1  | 40034    | 41379    | 41990    | 41134    | 2.43   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1560     | 1510     | 1393     | 1488     | 5.75   | cps   |
| Phosphorus | 31-2  | 242      | 300      | 350      | 297      | 18.24  | cps   |
| Potassium  | 39-2  | 118334   | 116454   | 117948   | 117579   | 0.84   | cps   |
| Rhodium    | 103-1 | 10635190 | 11116279 | 11025463 | 10925644 | 2.34   | cps   |
| Rhodium    | 103-2 | 4458664  | 4476150  | 4417726  | 4450847  | 0.67   | cps   |
| Scandium   | 45-1  | 9965501  | 9589483  | 9654323  | 9736436  | 2.06   | cps   |
| Scandium   | 45-2  | 280669   | 276582   | 276514   | 277922   | 0.86   | cps   |
| Selenium   | 82-1  | 901      | 1168     | 519      | 863      | 37.82  | cps   |
| Selenium   | 77-2  | 40       | 40       | 10       | 30       | 57.74  | cps   |
| Selenium   | 78-2  | 234      | 239      | 232      | 235      | 1.53   | cps   |
| Silicon    | 28-1  | 1255465  | 1251446  | 1264718  | 1257210  | 0.54   | cps   |
| Silver     | 107-1 | 13857    | 14024    | 13666    | 13849    | 1.30   | cps   |
| Silver     | 109-1 | 13716    | 12931    | 13365    | 13337    | 2.95   | cps   |
| Sodium     | 23-2  | 255982   | 251618   | 256285   | 254628   | 1.03   | cps   |
| Strontium  | 86-1  | 22218    | 22001    | 22193    | 22137    | 0.54   | cps   |
| Strontium  | 88-1  | 30200    | 31370    | 30183    | 30584    | 2.22   | cps   |
| Sulfur     | 34-1  | 467962   | 462172   | 455899   | 462011   | 1.31   | cps   |
| Terbium    | 159-1 | 11674117 | 11116526 | 11648025 | 11479556 | 2.74   | cps   |
| Terbium    | 159-2 | 4819829  | 4752710  | 4668767  | 4747102  | 1.59   | cps   |
| Thallium   | 203-1 | 7502     | 7336     | 7436     | 7425     | 1.13   | cps   |
| Thallium   | 205-1 | 18647    | 18205    | 18697    | 18517    | 1.46   | cps   |
| Tin        | 118-1 | 40461    | 37920    | 41631    | 40004    | 4.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:01:36 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 10362    | 9995     | 9787     | 10048    | 2.90   | cps   |
| Uranium   | 238-1 | 19716    | 19173    | 20701    | 19863    | 3.90   | cps   |
| Vanadium  | 51-2  | 11585    | 11355    | 11321    | 11420    | 1.26   | cps   |
| Ytterbium | 172-1 | 92       | 42       | 67       | 67       | 37.50  | cps   |
| Ytterbium | 172-2 | 50       | 33       | 56       | 46       | 24.99  | cps   |
| Ytterbium | 176-1 | 1834     | 1650     | 1592     | 1692     | 7.45   | cps   |
| Ytterbium | 176-2 | 6407     | 6930     | 7080     | 6806     | 5.19   | cps   |
| Yttrium   | 89-1  | 19068473 | 18795699 | 18720224 | 18861465 | 0.97   | cps   |
| Yttrium   | 89-2  | 2058870  | 1981966  | 1908996  | 1983277  | 3.78   | cps   |
| Zinc      | 66-2  | 1347     | 1187     | 1180     | 1238     | 7.62   | cps   |
| Zirconium | 90-1  | 18838    | 18504    | 17887    | 18410    | 2.62   | cps   |
| Zirconium | 91-1  | 4109     | 4534     | 4092     | 4245     | 5.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 85       | 110      | 89       | 95       | 14.26  | cps   |
| Antimony   | 121-1 | 133      | 158      | 250      | 181      | 34.02  | cps   |
| Arsenic    | 75-2  | 8        | 5        | 3        | 5        | 47.19  | cps   |
| Barium     | 135-1 | 83       | 50       | 58       | 64       | 27.16  | cps   |
| Barium     | 137-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Beryllium  | 9-1   | 82       | 68       | 76       | 75       | 9.32   | cps   |
| Bismuth    | 209-1 | 5820659  | 6234965  | 6045246  | 6033623  | 3.44   | cps   |
| Bismuth    | 209-2 | 3357046  | 3427929  | 3387027  | 3390667  | 1.05   | cps   |
| Boron      | 10-1  | 5854     | 5820     | 5518     | 5731     | 3.23   | cps   |
| Boron      | 11-1  | 26186    | 24744    | 23590    | 24840    | 5.24   | cps   |
| Bromine    | 81-1  | 78475    | 84610    | 74961    | 79348    | 6.15   | cps   |
| Cadmium    | 111-1 | 3582     | 3693     | 3958     | 3744     | 5.15   | cps   |
| Cadmium    | 106-1 | 5209     | 5385     | 5693     | 5429     | 4.51   | cps   |
| Cadmium    | 108-1 | 175      | 204      | 188      | 189      | 7.75   | cps   |
| Calcium    | 43-1  | 221      | 244      | 259      | 241      | 7.82   | cps   |
| Calcium    | 44-1  | 12996    | 12540    | 12725    | 12754    | 1.80   | cps   |
| Carbon     | 12-1  | 11574957 | 11490002 | 11240735 | 11435231 | 1.52   | cps   |
| Carbon     | 12-2  | 102423   | 102499   | 101005   | 101976   | 0.82   | cps   |
| Chlorine   | 35-1  | 641351   | 650551   | 637532   | 643145   | 1.04   | cps   |
| Chlorine   | 35-2  | 4776     | 4167     | 4417     | 4454     | 6.87   | cps   |
| Chromium   | 52-2  | 1307     | 1240     | 1253     | 1267     | 2.79   | cps   |
| Cobalt     | 59-2  | 63       | 83       | 107      | 84       | 25.69  | cps   |
| Copper     | 63-2  | 933      | 1057     | 1040     | 1010     | 6.63   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 58       | 100      | 81       | 26.04  | cps   |
| Erbium     | 164-2 | 33       | 40       | 47       | 40       | 16.68  | cps   |
| Gadolinium | 160-1 | 75       | 58       | 83       | 72       | 17.62  | cps   |
| Gadolinium | 160-2 | 100      | 77       | 90       | 89       | 13.17  | cps   |
| Holmium    | 165-1 | 10392280 | 10195937 | 10622375 | 10403530 | 2.05   | cps   |
| Holmium    | 165-2 | 4784571  | 4685915  | 4743121  | 4737869  | 1.05   | cps   |
| Indium     | 115-1 | 10740295 | 10732218 | 10955277 | 10809263 | 1.17   | cps   |
| Indium     | 115-2 | 1602509  | 1652522  | 1677246  | 1644093  | 2.32   | cps   |
| Iron       | 54-2  | 817      | 839      | 894      | 850      | 4.71   | cps   |
| Iron       | 56-2  | 6535     | 6707     | 6390     | 6544     | 2.42   | cps   |
| Iron       | 57-2  | 167      | 244      | 178      | 196      | 21.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11703    | 11530    | 11771    | 11668    | 1.07   | cps   |
| Lead       | 206-1 | 833      | 772      | 817      | 807      | 3.91   | cps   |
| Lead       | 207-1 | 722      | 683      | 750      | 719      | 4.66   | cps   |
| Lead       | 208-1 | 3200     | 3184     | 3245     | 3209     | 0.98   | cps   |
| Lithium    | 6-1   | 10030181 | 9954236  | 10434290 | 10139569 | 2.54   | cps   |
| Magnesium  | 24-2  | 508      | 533      | 475      | 506      | 5.79   | cps   |
| Manganese  | 55-2  | 50       | 77       | 97       | 74       | 31.45  | cps   |
| Molybdenum | 94-1  | 300      | 342      | 358      | 333      | 9.01   | cps   |
| Molybdenum | 95-1  | 175      | 167      | 142      | 161      | 10.77  | cps   |
| Molybdenum | 96-1  | 425      | 433      | 433      | 431      | 1.12   | cps   |
| Molybdenum | 97-1  | 75       | 58       | 125      | 86       | 40.29  | cps   |
| Molybdenum | 98-1  | 342      | 208      | 333      | 294      | 25.37  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 20       | 43       | 47       | 37       | 39.63  | cps   |
| Phosphorus | 31-2  | 175      | 133      | 225      | 178      | 25.82  | cps   |
| Potassium  | 39-2  | 23161    | 23294    | 23044    | 23166    | 0.54   | cps   |
| Rhodium    | 103-1 | 10392300 | 10428380 | 10973140 | 10597940 | 3.07   | cps   |
| Rhodium    | 103-2 | 4425479  | 4621546  | 4443157  | 4496727  | 2.41   | cps   |
| Scandium   | 45-1  | 9093707  | 9451409  | 9502608  | 9349241  | 2.38   | cps   |
| Scandium   | 45-2  | 271009   | 276385   | 277133   | 274843   | 1.22   | cps   |
| Selenium   | 82-1  | -94      | 290      | 233      | 143      | 144.83 | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 99       | 114      | 121      | 111      | 10.09  | cps   |
| Silicon    | 28-1  | 1076810  | 1103551  | 1090180  | 1090180  | 1.23   | cps   |
| Silver     | 107-1 | 233      | 167      | 300      | 233      | 28.57  | cps   |
| Silver     | 109-1 | 225      | 150      | 175      | 183      | 20.83  | cps   |
| Sodium     | 23-2  | 19772    | 19063    | 19405    | 19413    | 1.83   | cps   |
| Strontium  | 86-1  | 18805    | 18446    | 18780    | 18677    | 1.07   | cps   |
| Strontium  | 88-1  | 192      | 192      | 267      | 217      | 19.99  | cps   |
| Sulfur     | 34-1  | 484999   | 485895   | 483763   | 484886   | 0.22   | cps   |
| Terbium    | 159-1 | 10871919 | 11446265 | 10983959 | 11100714 | 2.74   | cps   |
| Terbium    | 159-2 | 4660099  | 4706542  | 4828643  | 4731761  | 1.84   | cps   |
| Thallium   | 203-1 | 758      | 700      | 775      | 744      | 5.29   | cps   |
| Thallium   | 205-1 | 1558     | 1583     | 1800     | 1647     | 8.07   | cps   |
| Tin        | 118-1 | 1525     | 1667     | 1358     | 1517     | 10.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:09:14 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 408      | 425      | 425      | 419      | 2.29   | cps   |
| Uranium   | 238-1 | 50       | 25       | 17       | 31       | 56.77  | cps   |
| Vanadium  | 51-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Ytterbium | 172-1 | 100      | 67       | 108      | 92       | 24.05  | cps   |
| Ytterbium | 172-2 | 28       | 6        | 22       | 19       | 62.43  | cps   |
| Ytterbium | 176-1 | 1575     | 1667     | 1525     | 1589     | 4.52   | cps   |
| Ytterbium | 176-2 | 6257     | 6741     | 6830     | 6609     | 4.66   | cps   |
| Yttrium   | 89-1  | 17679489 | 19195625 | 18652051 | 18509055 | 4.15   | cps   |
| Yttrium   | 89-2  | 1961292  | 2026488  | 1997763  | 1995181  | 1.64   | cps   |
| Zinc      | 66-2  | 163      | 203      | 147      | 171      | 17.02  | cps   |
| Zirconium | 90-1  | 833      | 850      | 842      | 842      | 0.99   | cps   |
| Zirconium | 91-1  | 217      | 75       | 233      | 175      | 49.72  | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : LCSW Instrumnet Name : P8  
 Client Sample ID : LCSW Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 15:12:16 DataFile Name : 024LCSE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3898     | 3766     | 3794     | 3819     | 1.81   | cps   |
| Antimony   | 121-1 | 28564    | 28414    | 27762    | 28247    | 1.51   | cps   |
| Arsenic    | 75-2  | 572      | 613      | 548      | 578      | 5.69   | cps   |
| Barium     | 135-1 | 37879    | 37403    | 38865    | 38049    | 1.96   | cps   |
| Barium     | 137-1 | 65083    | 67378    | 67302    | 66587    | 1.96   | cps   |
| Beryllium  | 9-1   | 10484    | 10542    | 10250    | 10425    | 1.48   | cps   |
| Bismuth    | 209-1 | 6037272  | 6219291  | 6048901  | 6101821  | 1.67   | cps   |
| Bismuth    | 209-2 | 3365148  | 3363472  | 3332309  | 3353643  | 0.55   | cps   |
| Boron      | 10-1  | 38942    | 42160    | 41775    | 40959    | 4.29   | cps   |
| Boron      | 11-1  | 168043   | 176917   | 190197   | 178386   | 6.25   | cps   |
| Bromine    | 81-1  | 77953    | 80780    | 77337    | 78690    | 2.33   | cps   |
| Cadmium    | 111-1 | 9579     | 9544     | 9655     | 9593     | 0.59   | cps   |
| Cadmium    | 106-1 | 6527     | 6777     | 6802     | 6702     | 2.27   | cps   |
| Cadmium    | 108-1 | 558      | 596      | 725      | 626      | 13.96  | cps   |
| Calcium    | 43-1  | 38736    | 39419    | 39237    | 39131    | 0.90   | cps   |
| Calcium    | 44-1  | 641682   | 654350   | 646675   | 647569   | 0.99   | cps   |
| Carbon     | 12-1  | 10886796 | 10922766 | 10567778 | 10792447 | 1.81   | cps   |
| Carbon     | 12-2  | 96516    | 96794    | 95879    | 96396    | 0.49   | cps   |
| Chlorine   | 35-1  | 595613   | 583370   | 579655   | 586213   | 1.42   | cps   |
| Chlorine   | 35-2  | 3492     | 3676     | 3651     | 3606     | 2.76   | cps   |
| Chromium   | 52-2  | 13890    | 14067    | 13440    | 13799    | 2.34   | cps   |
| Cobalt     | 59-2  | 10154    | 10301    | 10511    | 10322    | 1.74   | cps   |
| Copper     | 63-2  | 16370    | 16810    | 15802    | 16327    | 3.09   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 92       | 133      | 67       | 97       | 34.64  | cps   |
| Erbium     | 164-2 | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 58       | 86       | 27.94  | cps   |
| Gadolinium | 160-2 | 70       | 97       | 113      | 93       | 23.42  | cps   |
| Holmium    | 165-1 | 10427334 | 10854116 | 11379115 | 10886855 | 4.38   | cps   |
| Holmium    | 165-2 | 4740147  | 4815604  | 4785236  | 4780329  | 0.79   | cps   |
| Indium     | 115-1 | 10594127 | 10886059 | 10708557 | 10729581 | 1.37   | cps   |
| Indium     | 115-2 | 1646049  | 1645184  | 1652570  | 1647934  | 0.25   | cps   |
| Iron       | 54-2  | 52234    | 51817    | 50077    | 51376    | 2.23   | cps   |
| Iron       | 56-2  | 901829   | 904405   | 896216   | 900817   | 0.46   | cps   |
| Iron       | 57-2  | 22741    | 22524    | 23191    | 22819    | 1.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:12:16 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11731    | 11856    | 12032    | 11873    | 1.28   | cps   |
| Lead       | 206-1 | 11339    | 11311    | 10916    | 11188    | 2.11   | cps   |
| Lead       | 207-1 | 10232    | 9748     | 9748     | 9910     | 2.82   | cps   |
| Lead       | 208-1 | 46016    | 44636    | 44086    | 44913    | 2.21   | cps   |
| Lithium    | 6-1   | 9984200  | 10386014 | 10229689 | 10199968 | 1.99   | cps   |
| Magnesium  | 24-2  | 244483   | 244306   | 238816   | 242535   | 1.33   | cps   |
| Manganese  | 55-2  | 3440     | 3294     | 3180     | 3305     | 3.95   | cps   |
| Molybdenum | 94-1  | 43527    | 45149    | 43159    | 43945    | 2.41   | cps   |
| Molybdenum | 95-1  | 54508    | 57345    | 55144    | 55666    | 2.67   | cps   |
| Molybdenum | 96-1  | 60542    | 62658    | 60241    | 61147    | 2.15   | cps   |
| Molybdenum | 97-1  | 34143    | 33984    | 33316    | 33814    | 1.30   | cps   |
| Molybdenum | 98-1  | 87317    | 87007    | 84123    | 86149    | 2.04   | cps   |
| Neodymium  | 150-1 | 20       | 20       | 7        | 16       | 49.47  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 3230     | 3217     | 3114     | 3187     | 2.00   | cps   |
| Phosphorus | 31-2  | 233      | 267      | 233      | 244      | 7.87   | cps   |
| Potassium  | 39-2  | 205155   | 199804   | 201589   | 202183   | 1.35   | cps   |
| Rhodium    | 103-1 | 10800493 | 10992070 | 10823685 | 10872083 | 0.96   | cps   |
| Rhodium    | 103-2 | 4436436  | 4443962  | 4424779  | 4435059  | 0.22   | cps   |
| Scandium   | 45-1  | 9377166  | 9405067  | 9937895  | 9573376  | 3.30   | cps   |
| Scandium   | 45-2  | 277246   | 275217   | 279651   | 277371   | 0.80   | cps   |
| Selenium   | 82-1  | 2334     | 2337     | 2134     | 2268     | 5.13   | cps   |
| Selenium   | 77-2  | 37       | 103      | 80       | 73       | 46.13  | cps   |
| Selenium   | 78-2  | 375      | 384      | 350      | 370      | 4.76   | cps   |
| Silicon    | 28-1  | 1292549  | 1310164  | 1260464  | 1287726  | 1.96   | cps   |
| Silver     | 107-1 | 26059    | 25424    | 27094    | 26192    | 3.22   | cps   |
| Silver     | 109-1 | 24197    | 23504    | 23988    | 23896    | 1.49   | cps   |
| Sodium     | 23-2  | 460701   | 470003   | 460050   | 463585   | 1.20   | cps   |
| Strontium  | 86-1  | 26459    | 26534    | 24931    | 25975    | 3.48   | cps   |
| Strontium  | 88-1  | 62876    | 61378    | 60399    | 61551    | 2.03   | cps   |
| Sulfur     | 34-1  | 480879   | 481066   | 477583   | 479843   | 0.41   | cps   |
| Terbium    | 159-1 | 11220897 | 11109762 | 11318721 | 11216460 | 0.93   | cps   |
| Terbium    | 159-2 | 4646613  | 4661814  | 4806015  | 4704814  | 1.87   | cps   |
| Thallium   | 203-1 | 12898    | 13599    | 14225    | 13574    | 4.89   | cps   |
| Thallium   | 205-1 | 31564    | 33737    | 32885    | 32729    | 3.34   | cps   |
| Tin        | 118-1 | 1967     | 1800     | 1800     | 1856     | 5.19   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:12:16 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 17786    | 17194    | 17728    | 17570    | 1.86   | cps   |
| Uranium   | 238-1 | 35902    | 39480    | 38794    | 38058    | 4.99   | cps   |
| Vanadium  | 51-2  | 21463    | 21737    | 22084    | 21761    | 1.43   | cps   |
| Ytterbium | 172-1 | 58       | 75       | 42       | 58       | 28.57  | cps   |
| Ytterbium | 172-2 | 28       | 44       | 22       | 31       | 36.74  | cps   |
| Ytterbium | 176-1 | 2034     | 1617     | 1725     | 1792     | 12.07  | cps   |
| Ytterbium | 176-2 | 6329     | 6702     | 6958     | 6663     | 4.74   | cps   |
| Yttrium   | 89-1  | 18384639 | 19284439 | 18431135 | 18700071 | 2.71   | cps   |
| Yttrium   | 89-2  | 1924286  | 1969818  | 2018005  | 1970703  | 2.38   | cps   |
| Zinc      | 66-2  | 5068     | 5241     | 4864     | 5058     | 3.73   | cps   |
| Zirconium | 90-1  | 34928    | 35095    | 35179    | 35067    | 0.36   | cps   |
| Zirconium | 91-1  | 7369     | 7886     | 7627     | 7627     | 3.39   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : PBS Instrumnet Name : P8  
 Client Sample ID : PBS Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 15:15:17 DataFile Name : 025CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 94       | 76       | 105      | 92       | 15.81  | cps   |
| Antimony   | 121-1 | 150      | 117      | 100      | 122      | 20.83  | cps   |
| Arsenic    | 75-2  | 6        | 4        | 3        | 4        | 35.25  | cps   |
| Barium     | 135-1 | 50       | 25       | 17       | 31       | 56.77  | cps   |
| Barium     | 137-1 | 117      | 33       | 92       | 81       | 53.09  | cps   |
| Beryllium  | 9-1   | 82       | 84       | 76       | 81       | 5.16   | cps   |
| Bismuth    | 209-1 | 5869403  | 5968318  | 6405316  | 6081012  | 4.69   | cps   |
| Bismuth    | 209-2 | 3398637  | 3407172  | 3455800  | 3420537  | 0.90   | cps   |
| Boron      | 10-1  | 7777     | 7300     | 7036     | 7371     | 5.09   | cps   |
| Boron      | 11-1  | 34325    | 33347    | 31029    | 32901    | 5.15   | cps   |
| Bromine    | 81-1  | 83003    | 77558    | 81044    | 80535    | 3.42   | cps   |
| Cadmium    | 111-1 | 4378     | 4403     | 4028     | 4270     | 4.92   | cps   |
| Cadmium    | 106-1 | 6385     | 6368     | 5835     | 6196     | 5.05   | cps   |
| Cadmium    | 108-1 | 196      | 179      | 158      | 178      | 10.57  | cps   |
| Calcium    | 43-1  | 241      | 256      | 262      | 253      | 4.31   | cps   |
| Calcium    | 44-1  | 13365    | 12479    | 12752    | 12865    | 3.53   | cps   |
| Carbon     | 12-1  | 11300156 | 11162874 | 10992152 | 11151727 | 1.38   | cps   |
| Carbon     | 12-2  | 100099   | 100098   | 100551   | 100249   | 0.26   | cps   |
| Chlorine   | 35-1  | 491316   | 501706   | 500831   | 497951   | 1.16   | cps   |
| Chlorine   | 35-2  | 3342     | 3659     | 3592     | 3531     | 4.73   | cps   |
| Chromium   | 52-2  | 1230     | 1317     | 1203     | 1250     | 4.74   | cps   |
| Cobalt     | 59-2  | 90       | 60       | 120      | 90       | 33.33  | cps   |
| Copper     | 63-2  | 940      | 900      | 1060     | 967      | 8.61   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 50       | 100      | 67       | 43.30  | cps   |
| Erbium     | 164-2 | 40       | 47       | 27       | 38       | 26.95  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 67       | 75       | 11.11  | cps   |
| Gadolinium | 160-2 | 107      | 67       | 87       | 87       | 23.08  | cps   |
| Holmium    | 165-1 | 11153632 | 10367952 | 10629592 | 10717059 | 3.73   | cps   |
| Holmium    | 165-2 | 4925122  | 4985635  | 4871684  | 4927480  | 1.16   | cps   |
| Indium     | 115-1 | 10783646 | 10697837 | 10490748 | 10657410 | 1.41   | cps   |
| Indium     | 115-2 | 1612657  | 1630364  | 1641282  | 1628101  | 0.89   | cps   |
| Iron       | 54-2  | 783      | 878      | 900      | 854      | 7.26   | cps   |
| Iron       | 56-2  | 6390     | 6085     | 6724     | 6400     | 5.00   | cps   |
| Iron       | 57-2  | 267      | 256      | 239      | 254      | 5.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:15:17 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11721    | 11855    | 11872    | 11816    | 0.70    | cps   |
| Lead       | 206-1 | 822      | 817      | 867      | 835      | 3.28    | cps   |
| Lead       | 207-1 | 611      | 611      | 644      | 622      | 3.09    | cps   |
| Lead       | 208-1 | 3122     | 2900     | 3167     | 3063     | 4.66    | cps   |
| Lithium    | 6-1   | 9813666  | 10271048 | 9968915  | 10017876 | 2.32    | cps   |
| Magnesium  | 24-2  | 408      | 358      | 442      | 403      | 10.41   | cps   |
| Manganese  | 55-2  | 160      | 137      | 110      | 136      | 18.46   | cps   |
| Molybdenum | 94-1  | 392      | 275      | 308      | 325      | 18.49   | cps   |
| Molybdenum | 95-1  | 283      | 125      | 192      | 200      | 39.75   | cps   |
| Molybdenum | 96-1  | 550      | 483      | 500      | 511      | 6.79    | cps   |
| Molybdenum | 97-1  | 92       | 50       | 50       | 64       | 37.66   | cps   |
| Molybdenum | 98-1  | 333      | 283      | 275      | 297      | 10.62   | cps   |
| Neodymium  | 150-1 | 7        | 40       | 20       | 22       | 75.49   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 43       | 50       | 50       | 48       | 8.06    | cps   |
| Phosphorus | 31-2  | 158      | 175      | 183      | 172      | 7.39    | cps   |
| Potassium  | 39-2  | 23135    | 23929    | 23628    | 23564    | 1.70    | cps   |
| Rhodium    | 103-1 | 10772680 | 10801777 | 10718835 | 10764431 | 0.39    | cps   |
| Rhodium    | 103-2 | 4333449  | 4525893  | 4530269  | 4463204  | 2.52    | cps   |
| Scandium   | 45-1  | 9464728  | 9556866  | 9660990  | 9560861  | 1.03    | cps   |
| Scandium   | 45-2  | 278453   | 281562   | 283872   | 281296   | 0.97    | cps   |
| Selenium   | 82-1  | 98       | -330     | -133     | -122     | -175.83 | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 110      | 128      | 130      | 123      | 8.98    | cps   |
| Silicon    | 28-1  | 1145378  | 1103305  | 1096686  | 1115123  | 2.37    | cps   |
| Silver     | 107-1 | 300      | 400      | 317      | 339      | 15.81   | cps   |
| Silver     | 109-1 | 375      | 325      | 317      | 339      | 9.31    | cps   |
| Sodium     | 23-2  | 18270    | 18604    | 18921    | 18598    | 1.75    | cps   |
| Strontium  | 86-1  | 18604    | 19280    | 18855    | 18913    | 1.81    | cps   |
| Strontium  | 88-1  | 333      | 300      | 217      | 283      | 21.21   | cps   |
| Sulfur     | 34-1  | 484168   | 485285   | 478532   | 482662   | 0.75    | cps   |
| Terbium    | 159-1 | 10872916 | 11447298 | 11482149 | 11267454 | 3.04    | cps   |
| Terbium    | 159-2 | 4709772  | 4821781  | 4841271  | 4790941  | 1.48    | cps   |
| Thallium   | 203-1 | 617      | 667      | 558      | 614      | 8.83    | cps   |
| Thallium   | 205-1 | 1550     | 1458     | 1425     | 1478     | 4.38    | cps   |
| Tin        | 118-1 | 1442     | 1300     | 1417     | 1386     | 5.46    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:15:17 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 500      | 375      | 408      | 428      | 15.13  | cps   |
| Uranium   | 238-1 | 42       | 33       | 75       | 50       | 44.10  | cps   |
| Vanadium  | 51-2  | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Ytterbium | 172-1 | 25       | 67       | 50       | 47       | 44.41  | cps   |
| Ytterbium | 172-2 | 33       | 39       | 39       | 37       | 8.67   | cps   |
| Ytterbium | 176-1 | 1817     | 1708     | 1500     | 1675     | 9.61   | cps   |
| Ytterbium | 176-2 | 6607     | 7024     | 6835     | 6822     | 3.06   | cps   |
| Yttrium   | 89-1  | 18784006 | 18646459 | 18828823 | 18753096 | 0.51   | cps   |
| Yttrium   | 89-2  | 1940666  | 2018623  | 2039644  | 1999644  | 2.61   | cps   |
| Zinc      | 66-2  | 153      | 223      | 197      | 191      | 18.49  | cps   |
| Zirconium | 90-1  | 908      | 883      | 942      | 911      | 3.21   | cps   |
| Zirconium | 91-1  | 133      | 208      | 142      | 161      | 25.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3663     | 3676     | 3640     | 3660     | 0.50   | cps   |
| Antimony   | 121-1 | 27629    | 28823    | 28773    | 28408    | 2.38   | cps   |
| Arsenic    | 75-2  | 533      | 529      | 573      | 545      | 4.46   | cps   |
| Barium     | 135-1 | 37361    | 37202    | 37553    | 37372    | 0.47   | cps   |
| Barium     | 137-1 | 66180    | 63677    | 66296    | 65384    | 2.26   | cps   |
| Beryllium  | 9-1   | 10198    | 10248    | 10140    | 10195    | 0.53   | cps   |
| Bismuth    | 209-1 | 6176879  | 6188723  | 6362807  | 6242803  | 1.67   | cps   |
| Bismuth    | 209-2 | 3339503  | 3309384  | 3469145  | 3372678  | 2.52   | cps   |
| Boron      | 10-1  | 37294    | 40721    | 42657    | 40224    | 6.75   | cps   |
| Boron      | 11-1  | 166624   | 183441   | 187856   | 179307   | 6.25   | cps   |
| Bromine    | 81-1  | 82664    | 78628    | 75515    | 78936    | 4.54   | cps   |
| Cadmium    | 111-1 | 9305     | 9479     | 9757     | 9514     | 2.40   | cps   |
| Cadmium    | 106-1 | 6452     | 6860     | 6894     | 6735     | 3.65   | cps   |
| Cadmium    | 108-1 | 446      | 475      | 450      | 457      | 3.45   | cps   |
| Calcium    | 43-1  | 39137    | 38594    | 39021    | 38918    | 0.73   | cps   |
| Calcium    | 44-1  | 642153   | 640725   | 635837   | 639572   | 0.52   | cps   |
| Carbon     | 12-1  | 11012390 | 10832769 | 10760650 | 10868603 | 1.19   | cps   |
| Carbon     | 12-2  | 95897    | 98941    | 98446    | 97761    | 1.67   | cps   |
| Chlorine   | 35-1  | 464558   | 450628   | 448536   | 454574   | 1.92   | cps   |
| Chlorine   | 35-2  | 2934     | 3109     | 2717     | 2920     | 6.72   | cps   |
| Chromium   | 52-2  | 12649    | 11982    | 12819    | 12483    | 3.55   | cps   |
| Cobalt     | 59-2  | 10250    | 10234    | 9994     | 10159    | 1.41   | cps   |
| Copper     | 63-2  | 15849    | 16126    | 16440    | 16138    | 1.83   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 0        | 19       | 107.85 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 117      | 42       | 117      | 92       | 47.24  | cps   |
| Erbium     | 164-2 | 33       | 43       | 63       | 47       | 32.74  | cps   |
| Gadolinium | 160-1 | 117      | 117      | 92       | 108      | 13.32  | cps   |
| Gadolinium | 160-2 | 63       | 80       | 120      | 88       | 33.18  | cps   |
| Holmium    | 165-1 | 10810452 | 10726506 | 10766282 | 10767747 | 0.39   | cps   |
| Holmium    | 165-2 | 4763920  | 4781154  | 4892113  | 4812396  | 1.45   | cps   |
| Indium     | 115-1 | 10857298 | 10786392 | 11048750 | 10897480 | 1.25   | cps   |
| Indium     | 115-2 | 1582012  | 1620581  | 1605453  | 1602682  | 1.21   | cps   |
| Iron       | 54-2  | 50634    | 49380    | 49715    | 49910    | 1.30   | cps   |
| Iron       | 56-2  | 894361   | 880052   | 877667   | 884027   | 1.02   | cps   |
| Iron       | 57-2  | 23047    | 22496    | 22112    | 22551    | 2.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 12016    | 11915    | 12071    | 12001    | 0.66   | cps   |
| Lead       | 206-1 | 10894    | 10693    | 10649    | 10745    | 1.21   | cps   |
| Lead       | 207-1 | 10054    | 9615     | 9882     | 9850     | 2.25   | cps   |
| Lead       | 208-1 | 44230    | 43641    | 44926    | 44266    | 1.45   | cps   |
| Lithium    | 6-1   | 10593650 | 10247165 | 10070903 | 10303906 | 2.58   | cps   |
| Magnesium  | 24-2  | 238219   | 240319   | 231737   | 236758   | 1.89   | cps   |
| Manganese  | 55-2  | 3344     | 3304     | 3004     | 3217     | 5.78   | cps   |
| Molybdenum | 94-1  | 42900    | 43352    | 43084    | 43112    | 0.53   | cps   |
| Molybdenum | 95-1  | 55319    | 54726    | 53914    | 54653    | 1.29   | cps   |
| Molybdenum | 96-1  | 60233    | 59277    | 61078    | 60196    | 1.50   | cps   |
| Molybdenum | 97-1  | 33098    | 32171    | 33767    | 33012    | 2.43   | cps   |
| Molybdenum | 98-1  | 86580    | 85783    | 83209    | 85190    | 2.07   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 27       | 13       | 86.58  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 2797     | 2857     | 3070     | 2908     | 4.94   | cps   |
| Phosphorus | 31-2  | 225      | 183      | 300      | 236      | 25.04  | cps   |
| Potassium  | 39-2  | 198802   | 199394   | 196944   | 198380   | 0.64   | cps   |
| Rhodium    | 103-1 | 11169132 | 10883163 | 10657218 | 10903171 | 2.35   | cps   |
| Rhodium    | 103-2 | 4479948  | 4459050  | 4348607  | 4429201  | 1.59   | cps   |
| Scandium   | 45-1  | 9813715  | 9763373  | 9639994  | 9739027  | 0.92   | cps   |
| Scandium   | 45-2  | 282299   | 277034   | 279650   | 279661   | 0.94   | cps   |
| Selenium   | 82-1  | 2458     | 1823     | 1944     | 2075     | 16.26  | cps   |
| Selenium   | 77-2  | 77       | 67       | 90       | 78       | 15.05  | cps   |
| Selenium   | 78-2  | 363      | 378      | 358      | 366      | 2.84   | cps   |
| Silicon    | 28-1  | 1286397  | 1276272  | 1300130  | 1287600  | 0.93   | cps   |
| Silver     | 107-1 | 24731    | 25883    | 26100    | 25572    | 2.88   | cps   |
| Silver     | 109-1 | 24088    | 24765    | 25608    | 24820    | 3.07   | cps   |
| Sodium     | 23-2  | 460217   | 457082   | 451803   | 456367   | 0.93   | cps   |
| Strontium  | 86-1  | 26334    | 25691    | 26259    | 26094    | 1.35   | cps   |
| Strontium  | 88-1  | 61495    | 59871    | 59235    | 60201    | 1.94   | cps   |
| Sulfur     | 34-1  | 487734   | 485574   | 479658   | 484322   | 0.86   | cps   |
| Terbium    | 159-1 | 11576274 | 11253734 | 11538305 | 11456104 | 1.54   | cps   |
| Terbium    | 159-2 | 4821033  | 4655373  | 4605609  | 4694005  | 2.40   | cps   |
| Thallium   | 203-1 | 13065    | 13424    | 13816    | 13435    | 2.80   | cps   |
| Thallium   | 205-1 | 30019    | 31740    | 32500    | 31420    | 4.05   | cps   |
| Tin        | 118-1 | 1984     | 1750     | 1834     | 1856     | 6.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:18:19 | DataFile Name :   | 026LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 17803    | 17812    | 17403    | 17673    | 1.32   | cps   |
| Uranium   | 238-1 | 35276    | 36503    | 37875    | 36551    | 3.56   | cps   |
| Vanadium  | 51-2  | 21690    | 21096    | 21914    | 21566    | 1.96   | cps   |
| Ytterbium | 172-1 | 42       | 33       | 33       | 36       | 13.33  | cps   |
| Ytterbium | 172-2 | 28       | 61       | 11       | 33       | 76.38  | cps   |
| Ytterbium | 176-1 | 1784     | 1892     | 1825     | 1834     | 2.98   | cps   |
| Ytterbium | 176-2 | 6196     | 6307     | 7230     | 6578     | 8.63   | cps   |
| Yttrium   | 89-1  | 18470213 | 19521654 | 19202073 | 19064647 | 2.83   | cps   |
| Yttrium   | 89-2  | 2007568  | 1970996  | 1959206  | 1979257  | 1.27   | cps   |
| Zinc      | 66-2  | 5058     | 4914     | 5098     | 5023     | 1.92   | cps   |
| Zirconium | 90-1  | 34360    | 34761    | 36014    | 35045    | 2.46   | cps   |
| Zirconium | 91-1  | 7586     | 8003     | 8403     | 7997     | 5.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 614      | 546      | 582      | 581      | 5.82   | cps   |
| Antimony   | 121-1 | 2242     | 1950     | 2192     | 2128     | 7.33   | cps   |
| Arsenic    | 75-2  | 98       | 101      | 63       | 87       | 24.19  | cps   |
| Barium     | 135-1 | 2842     | 2609     | 2567     | 2673     | 5.55   | cps   |
| Barium     | 137-1 | 4743     | 4776     | 4776     | 4765     | 0.40   | cps   |
| Beryllium  | 9-1   | 1432     | 1494     | 1440     | 1455     | 2.32   | cps   |
| Bismuth    | 209-1 | 6398046  | 5994801  | 5805922  | 6066256  | 4.99   | cps   |
| Bismuth    | 209-2 | 3348472  | 3274278  | 3368282  | 3330344  | 1.49   | cps   |
| Boron      | 10-1  | 8919     | 8533     | 7943     | 8465     | 5.81   | cps   |
| Boron      | 11-1  | 38457    | 36755    | 34718    | 36643    | 5.11   | cps   |
| Bromine    | 81-1  | 76333    | 80853    | 80996    | 79394    | 3.34   | cps   |
| Cadmium    | 111-1 | 4900     | 4879     | 4869     | 4883     | 0.32   | cps   |
| Cadmium    | 106-1 | 6277     | 6310     | 6177     | 6254     | 1.11   | cps   |
| Cadmium    | 108-1 | 229      | 317      | 304      | 283      | 16.70  | cps   |
| Calcium    | 43-1  | 1271     | 1286     | 1372     | 1310     | 4.17   | cps   |
| Calcium    | 44-1  | 30708    | 30089    | 29807    | 30201    | 1.53   | cps   |
| Carbon     | 12-1  | 11167885 | 10764514 | 10683854 | 10872084 | 2.39   | cps   |
| Carbon     | 12-2  | 99528    | 96307    | 98051    | 97962    | 1.65   | cps   |
| Chlorine   | 35-1  | 410779   | 405723   | 405887   | 407463   | 0.71   | cps   |
| Chlorine   | 35-2  | 2642     | 2659     | 3084     | 2795     | 8.96   | cps   |
| Chromium   | 52-2  | 1977     | 1983     | 2010     | 1990     | 0.89   | cps   |
| Cobalt     | 59-2  | 1560     | 1490     | 1460     | 1503     | 3.41   | cps   |
| Copper     | 63-2  | 3144     | 2974     | 2927     | 3015     | 3.78   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 92       | 75       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 17       | 27       | 27       | 23       | 24.74  | cps   |
| Gadolinium | 160-1 | 108      | 67       | 92       | 89       | 23.59  | cps   |
| Gadolinium | 160-2 | 60       | 73       | 120      | 84       | 37.31  | cps   |
| Holmium    | 165-1 | 10513613 | 10915542 | 11174903 | 10868020 | 3.07   | cps   |
| Holmium    | 165-2 | 4706972  | 4707471  | 4706492  | 4706978  | 0.01   | cps   |
| Indium     | 115-1 | 10838837 | 10410941 | 10393057 | 10547612 | 2.39   | cps   |
| Indium     | 115-2 | 1578142  | 1573410  | 1613032  | 1588195  | 1.36   | cps   |
| Iron       | 54-2  | 2639     | 2528     | 2439     | 2535     | 3.95   | cps   |
| Iron       | 56-2  | 36787    | 37188    | 35344    | 36439    | 2.66   | cps   |
| Iron       | 57-2  | 1022     | 1072     | 939      | 1011     | 6.66   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11935    | 11665    | 11901    | 11834    | 1.24   | cps   |
| Lead       | 206-1 | 2206     | 1928     | 2150     | 2095     | 7.02   | cps   |
| Lead       | 207-1 | 1956     | 1806     | 1778     | 1846     | 5.18   | cps   |
| Lead       | 208-1 | 8685     | 8490     | 8307     | 8494     | 2.22   | cps   |
| Lithium    | 6-1   | 10240561 | 10337540 | 10123810 | 10233970 | 1.05   | cps   |
| Magnesium  | 24-2  | 7452     | 7327     | 6952     | 7244     | 3.59   | cps   |
| Manganese  | 55-2  | 853      | 910      | 870      | 878      | 3.32   | cps   |
| Molybdenum | 94-1  | 2859     | 2559     | 2534     | 2650     | 6.83   | cps   |
| Molybdenum | 95-1  | 1400     | 1342     | 1367     | 1370     | 2.14   | cps   |
| Molybdenum | 96-1  | 2009     | 1909     | 2300     | 2072     | 9.82   | cps   |
| Molybdenum | 97-1  | 850      | 808      | 1067     | 908      | 15.27  | cps   |
| Molybdenum | 98-1  | 2192     | 2434     | 2184     | 2270     | 6.26   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 403      | 473      | 463      | 447      | 8.48   | cps   |
| Phosphorus | 31-2  | 133      | 250      | 208      | 197      | 29.98  | cps   |
| Potassium  | 39-2  | 26041    | 25907    | 26308    | 26085    | 0.78   | cps   |
| Rhodium    | 103-1 | 10767495 | 10783583 | 10444914 | 10665331 | 1.79   | cps   |
| Rhodium    | 103-2 | 4439902  | 4431745  | 4371588  | 4414412  | 0.85   | cps   |
| Scandium   | 45-1  | 9633917  | 9654295  | 9531983  | 9606732  | 0.68   | cps   |
| Scandium   | 45-2  | 275349   | 275004   | 278315   | 276223   | 0.66   | cps   |
| Selenium   | 82-1  | -10      | 171      | -58      | 35       | 349.09 | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 128      | 120      | 133      | 127      | 5.16   | cps   |
| Silicon    | 28-1  | 1090705  | 1066586  | 1101656  | 1086315  | 1.65   | cps   |
| Silver     | 107-1 | 3817     | 3842     | 3784     | 3815     | 0.77   | cps   |
| Silver     | 109-1 | 3759     | 3992     | 3892     | 3881     | 3.02   | cps   |
| Sodium     | 23-2  | 30992    | 31443    | 30867    | 31100    | 0.97   | cps   |
| Strontium  | 86-1  | 19581    | 18913    | 18872    | 19122    | 2.08   | cps   |
| Strontium  | 88-1  | 8469     | 8361     | 7952     | 8261     | 3.30   | cps   |
| Sulfur     | 34-1  | 486757   | 489017   | 492966   | 489580   | 0.64   | cps   |
| Terbium    | 159-1 | 11259065 | 11186409 | 10889870 | 11111781 | 1.76   | cps   |
| Terbium    | 159-2 | 4556009  | 4595791  | 4569166  | 4573656  | 0.44   | cps   |
| Thallium   | 203-1 | 2042     | 2217     | 2200     | 2153     | 4.49   | cps   |
| Thallium   | 205-1 | 5510     | 5618     | 5351     | 5493     | 2.44   | cps   |
| Tin        | 118-1 | 3392     | 3309     | 3125     | 3276     | 4.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-4         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-4         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:21:20 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 892      | 875      | 775      | 847      | 7.45   | cps   |
| Uranium   | 238-1 | 5026     | 5476     | 4718     | 5073     | 7.52   | cps   |
| Vanadium  | 51-2  | 543      | 617      | 520      | 560      | 9.01   | cps   |
| Ytterbium | 172-1 | 83       | 42       | 50       | 58       | 37.80  | cps   |
| Ytterbium | 172-2 | 33       | 22       | 22       | 26       | 24.74  | cps   |
| Ytterbium | 176-1 | 1792     | 1583     | 1684     | 1686     | 6.18   | cps   |
| Ytterbium | 176-2 | 6391     | 6852     | 6946     | 6730     | 4.42   | cps   |
| Yttrium   | 89-1  | 19240657 | 18694715 | 18261253 | 18732208 | 2.62   | cps   |
| Yttrium   | 89-2  | 1933821  | 1933258  | 1944584  | 1937221  | 0.33   | cps   |
| Zinc      | 66-2  | 410      | 387      | 370      | 389      | 5.17   | cps   |
| Zirconium | 90-1  | 5293     | 5351     | 5118     | 5254     | 2.31   | cps   |
| Zirconium | 91-1  | 1192     | 1100     | 1183     | 1158     | 4.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 552      | 540      | 602      | 565      | 5.85   | cps   |
| Antimony   | 121-1 | 1967     | 2067     | 2217     | 2084     | 6.04   | cps   |
| Arsenic    | 75-2  | 83       | 81       | 77       | 80       | 3.80   | cps   |
| Barium     | 135-1 | 2775     | 2634     | 2800     | 2736     | 3.28   | cps   |
| Barium     | 137-1 | 4793     | 4659     | 4359     | 4604     | 4.82   | cps   |
| Beryllium  | 9-1   | 1590     | 1476     | 1410     | 1492     | 6.10   | cps   |
| Bismuth    | 209-1 | 6212333  | 6358741  | 6271983  | 6281019  | 1.17   | cps   |
| Bismuth    | 209-2 | 3440327  | 3292275  | 3287583  | 3340062  | 2.60   | cps   |
| Boron      | 10-1  | 5766     | 5310     | 5414     | 5497     | 4.35   | cps   |
| Boron      | 11-1  | 25327    | 24950    | 24227    | 24835    | 2.25   | cps   |
| Bromine    | 81-1  | 76833    | 76294    | 76290    | 76472    | 0.41   | cps   |
| Cadmium    | 111-1 | 5090     | 4738     | 4845     | 4891     | 3.69   | cps   |
| Cadmium    | 106-1 | 6518     | 5935     | 6218     | 6224     | 4.69   | cps   |
| Cadmium    | 108-1 | 242      | 167      | 279      | 229      | 25.00  | cps   |
| Calcium    | 43-1  | 1382     | 1247     | 1369     | 1333     | 5.57   | cps   |
| Calcium    | 44-1  | 30691    | 30138    | 30162    | 30330    | 1.03   | cps   |
| Carbon     | 12-1  | 11076529 | 10782759 | 10785606 | 10881631 | 1.55   | cps   |
| Carbon     | 12-2  | 99688    | 98564    | 95879    | 98044    | 2.00   | cps   |
| Chlorine   | 35-1  | 380240   | 376581   | 370240   | 375687   | 1.35   | cps   |
| Chlorine   | 35-2  | 2375     | 2375     | 2350     | 2367     | 0.61   | cps   |
| Chromium   | 52-2  | 1997     | 2117     | 2094     | 2069     | 3.08   | cps   |
| Cobalt     | 59-2  | 1477     | 1663     | 1307     | 1482     | 12.04  | cps   |
| Copper     | 63-2  | 2930     | 3004     | 3044     | 2993     | 1.92   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 42       | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 108      | 50       | 42       | 67       | 54.49  | cps   |
| Erbium     | 164-2 | 10       | 33       | 47       | 30       | 61.87  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 50       | 72       | 29.04  | cps   |
| Gadolinium | 160-2 | 80       | 70       | 73       | 74       | 6.84   | cps   |
| Holmium    | 165-1 | 10275541 | 10399678 | 10926684 | 10533968 | 3.28   | cps   |
| Holmium    | 165-2 | 4931938  | 4914852  | 4746188  | 4864326  | 2.11   | cps   |
| Indium     | 115-1 | 10881380 | 10555712 | 10782010 | 10739701 | 1.55   | cps   |
| Indium     | 115-2 | 1652663  | 1619879  | 1674651  | 1649064  | 1.67   | cps   |
| Iron       | 54-2  | 2839     | 2461     | 2561     | 2621     | 7.47   | cps   |
| Iron       | 56-2  | 38837    | 36709    | 37344    | 37630    | 2.90   | cps   |
| Iron       | 57-2  | 1033     | 900      | 1072     | 1002     | 9.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11555    | 11840    | 11562    | 11652    | 1.39   | cps   |
| Lead       | 206-1 | 2139     | 2045     | 2078     | 2087     | 2.30   | cps   |
| Lead       | 207-1 | 1784     | 2067     | 1756     | 1869     | 9.21   | cps   |
| Lead       | 208-1 | 8262     | 8412     | 8129     | 8268     | 1.72   | cps   |
| Lithium    | 6-1   | 10277902 | 10422573 | 10239967 | 10313481 | 0.93   | cps   |
| Magnesium  | 24-2  | 7986     | 7219     | 7569     | 7591     | 5.06   | cps   |
| Manganese  | 55-2  | 763      | 980      | 840      | 861      | 12.76  | cps   |
| Molybdenum | 94-1  | 2717     | 2500     | 2659     | 2625     | 4.27   | cps   |
| Molybdenum | 95-1  | 1525     | 1450     | 1200     | 1392     | 12.23  | cps   |
| Molybdenum | 96-1  | 1834     | 2209     | 2225     | 2089     | 10.60  | cps   |
| Molybdenum | 97-1  | 883      | 800      | 750      | 811      | 8.30   | cps   |
| Molybdenum | 98-1  | 2367     | 2342     | 2009     | 2239     | 8.94   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 13       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 463      | 390      | 483      | 446      | 11.03  | cps   |
| Phosphorus | 31-2  | 208      | 225      | 200      | 211      | 6.03   | cps   |
| Potassium  | 39-2  | 25757    | 26475    | 25957    | 26063    | 1.42   | cps   |
| Rhodium    | 103-1 | 10843574 | 10537835 | 10610458 | 10663956 | 1.50   | cps   |
| Rhodium    | 103-2 | 4390211  | 4547964  | 4519697  | 4485957  | 1.88   | cps   |
| Scandium   | 45-1  | 9405193  | 9396365  | 9359566  | 9387042  | 0.26   | cps   |
| Scandium   | 45-2  | 275676   | 275640   | 278712   | 276676   | 0.64   | cps   |
| Selenium   | 82-1  | 273      | -240     | 120      | 51       | 517.78 | cps   |
| Selenium   | 77-2  | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 131      | 124      | 149      | 135      | 9.58   | cps   |
| Silicon    | 28-1  | 1132842  | 1073546  | 1077529  | 1094639  | 3.03   | cps   |
| Silver     | 107-1 | 3626     | 4134     | 3817     | 3859     | 6.65   | cps   |
| Silver     | 109-1 | 3584     | 3559     | 3367     | 3503     | 3.38   | cps   |
| Sodium     | 23-2  | 31752    | 31017    | 31602    | 31457    | 1.23   | cps   |
| Strontium  | 86-1  | 19957    | 19856    | 18997    | 19603    | 2.69   | cps   |
| Strontium  | 88-1  | 7827     | 7511     | 7711     | 7683     | 2.09   | cps   |
| Sulfur     | 34-1  | 492331   | 480324   | 485593   | 486083   | 1.24   | cps   |
| Terbium    | 159-1 | 11392829 | 11271250 | 11036743 | 11233607 | 1.61   | cps   |
| Terbium    | 159-2 | 4850176  | 4745575  | 4889757  | 4828503  | 1.54   | cps   |
| Thallium   | 203-1 | 2142     | 2550     | 2100     | 2264     | 10.98  | cps   |
| Thallium   | 205-1 | 5110     | 5668     | 5009     | 5262     | 6.74   | cps   |
| Tin        | 118-1 | 3242     | 6836     | 3459     | 4512     | 44.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-5         | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-5         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:24:23 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 883      | 833      | 908      | 875      | 4.36   | cps   |
| Uranium   | 238-1 | 5060     | 4651     | 5285     | 4998     | 6.43   | cps   |
| Vanadium  | 51-2  | 587      | 530      | 623      | 580      | 8.11   | cps   |
| Ytterbium | 172-1 | 58       | 67       | 25       | 50       | 44.10  | cps   |
| Ytterbium | 172-2 | 39       | 22       | 33       | 31       | 26.96  | cps   |
| Ytterbium | 176-1 | 1658     | 1625     | 1550     | 1611     | 3.44   | cps   |
| Ytterbium | 176-2 | 6991     | 6885     | 7096     | 6991     | 1.51   | cps   |
| Yttrium   | 89-1  | 18408948 | 18347255 | 18779384 | 18511862 | 1.26   | cps   |
| Yttrium   | 89-2  | 1977105  | 1996630  | 2018510  | 1997415  | 1.04   | cps   |
| Zinc      | 66-2  | 350      | 373      | 407      | 377      | 7.56   | cps   |
| Zirconium | 90-1  | 5426     | 5243     | 5134     | 5268     | 2.80   | cps   |
| Zirconium | 91-1  | 950      | 1242     | 1108     | 1100     | 13.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 110      | 112      | 97       | 107      | 7.53   | cps   |
| Antimony   | 121-1 | 33       | 83       | 75       | 64       | 41.93  | cps   |
| Arsenic    | 75-2  | 5        | 4        | 4        | 4        | 13.32  | cps   |
| Barium     | 135-1 | 25       | 58       | 17       | 33       | 66.13  | cps   |
| Barium     | 137-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Beryllium  | 9-1   | 72       | 60       | 52       | 61       | 16.42  | cps   |
| Bismuth    | 209-1 | 5873801  | 5981765  | 5998788  | 5951451  | 1.14   | cps   |
| Bismuth    | 209-2 | 3444368  | 3012708  | 3305816  | 3254298  | 6.77   | cps   |
| Boron      | 10-1  | 3476     | 3392     | 3428     | 3432     | 1.23   | cps   |
| Boron      | 11-1  | 14991    | 14853    | 14504    | 14783    | 1.70   | cps   |
| Bromine    | 81-1  | 79363    | 78096    | 83936    | 80465    | 3.82   | cps   |
| Cadmium    | 111-1 | 4062     | 3747     | 4320     | 4043     | 7.10   | cps   |
| Cadmium    | 106-1 | 5935     | 5426     | 6252     | 5871     | 7.09   | cps   |
| Cadmium    | 108-1 | 192      | 121      | 175      | 163      | 22.79  | cps   |
| Calcium    | 43-1  | 291      | 296      | 317      | 302      | 4.62   | cps   |
| Calcium    | 44-1  | 13481    | 13082    | 13450    | 13338    | 1.66   | cps   |
| Carbon     | 12-1  | 10723964 | 10487151 | 10565314 | 10592143 | 1.14   | cps   |
| Carbon     | 12-2  | 97893    | 96533    | 96937    | 97121    | 0.72   | cps   |
| Chlorine   | 35-1  | 359024   | 363442   | 366026   | 362831   | 0.98   | cps   |
| Chlorine   | 35-2  | 2450     | 2317     | 2442     | 2403     | 3.11   | cps   |
| Chromium   | 52-2  | 1343     | 1377     | 1333     | 1351     | 1.68   | cps   |
| Cobalt     | 59-2  | 97       | 70       | 110      | 92       | 22.08  | cps   |
| Copper     | 63-2  | 977      | 1000     | 867      | 948      | 7.51   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 92       | 58       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 30       | 30       | 37       | 32       | 11.95  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 92       | 86       | 20.14  | cps   |
| Gadolinium | 160-2 | 63       | 80       | 90       | 78       | 17.32  | cps   |
| Holmium    | 165-1 | 10514409 | 10710788 | 10344329 | 10523175 | 1.74   | cps   |
| Holmium    | 165-2 | 4791979  | 4479383  | 4556189  | 4609184  | 3.53   | cps   |
| Indium     | 115-1 | 10417527 | 10197079 | 10451363 | 10355323 | 1.33   | cps   |
| Indium     | 115-2 | 1623421  | 1534344  | 1609241  | 1589002  | 3.01   | cps   |
| Iron       | 54-2  | 828      | 900      | 856      | 861      | 4.23   | cps   |
| Iron       | 56-2  | 6396     | 6290     | 6596     | 6428     | 2.42   | cps   |
| Iron       | 57-2  | 267      | 244      | 222      | 244      | 9.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11812    | 11825    | 11778    | 11805    | 0.20    | cps   |
| Lead       | 206-1 | 611      | 622      | 700      | 644      | 7.52    | cps   |
| Lead       | 207-1 | 544      | 611      | 589      | 582      | 5.84    | cps   |
| Lead       | 208-1 | 2628     | 2695     | 2711     | 2678     | 1.65    | cps   |
| Lithium    | 6-1   | 10674050 | 9855003  | 10173526 | 10234193 | 4.03    | cps   |
| Magnesium  | 24-2  | 525      | 558      | 400      | 494      | 16.88   | cps   |
| Manganese  | 55-2  | 120      | 127      | 120      | 122      | 3.15    | cps   |
| Molybdenum | 94-1  | 375      | 250      | 383      | 336      | 22.22   | cps   |
| Molybdenum | 95-1  | 142      | 100      | 92       | 111      | 24.11   | cps   |
| Molybdenum | 96-1  | 458      | 392      | 283      | 378      | 23.38   | cps   |
| Molybdenum | 97-1  | 75       | 67       | 33       | 58       | 37.80   | cps   |
| Molybdenum | 98-1  | 117      | 192      | 192      | 167      | 25.98   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 20       | 16       | 24.76   | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 53       | 50       | 53       | 52       | 3.68    | cps   |
| Phosphorus | 31-2  | 283      | 233      | 92       | 203      | 49.03   | cps   |
| Potassium  | 39-2  | 23862    | 24956    | 24705    | 24507    | 2.34    | cps   |
| Rhodium    | 103-1 | 10437691 | 10137892 | 10648249 | 10407944 | 2.46    | cps   |
| Rhodium    | 103-2 | 4429592  | 4204401  | 4207954  | 4280649  | 3.01    | cps   |
| Scandium   | 45-1  | 9308634  | 8866344  | 9320452  | 9165143  | 2.82    | cps   |
| Scandium   | 45-2  | 279522   | 267479   | 273365   | 273455   | 2.20    | cps   |
| Selenium   | 82-1  | -360     | 78       | -210     | -164     | -135.41 | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 121      | 118      | 109      | 116      | 5.38    | cps   |
| Silicon    | 28-1  | 1110783  | 1131206  | 1135616  | 1125868  | 1.18    | cps   |
| Silver     | 107-1 | 325      | 350      | 317      | 331      | 5.25    | cps   |
| Silver     | 109-1 | 192      | 208      | 250      | 217      | 13.87   | cps   |
| Sodium     | 23-2  | 18162    | 17853    | 17928    | 17981    | 0.90    | cps   |
| Strontium  | 86-1  | 18671    | 18312    | 18062    | 18349    | 1.67    | cps   |
| Strontium  | 88-1  | 350      | 417      | 358      | 375      | 9.69    | cps   |
| Sulfur     | 34-1  | 494842   | 484419   | 491927   | 490396   | 1.10    | cps   |
| Terbium    | 159-1 | 11161893 | 10920024 | 10880532 | 10987483 | 1.39    | cps   |
| Terbium    | 159-2 | 4723093  | 4382703  | 4630518  | 4578771  | 3.84    | cps   |
| Thallium   | 203-1 | 408      | 392      | 300      | 367      | 15.91   | cps   |
| Thallium   | 205-1 | 1025     | 942      | 1033     | 1000     | 5.07    | cps   |
| Tin        | 118-1 | 1417     | 1792     | 1425     | 1545     | 13.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER BLANK-5       | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER BLANK-5       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:30:26 | DataFile Name :   | 030AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 342      | 458      | 325      | 375      | 19.37  | cps   |
| Uranium   | 238-1 | 33       | 8        | 25       | 22       | 57.29  | cps   |
| Vanadium  | 51-2  | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Ytterbium | 172-1 | 117      | 58       | 58       | 78       | 43.31  | cps   |
| Ytterbium | 172-2 | 11       | 22       | 28       | 20       | 41.67  | cps   |
| Ytterbium | 176-1 | 1600     | 1725     | 1517     | 1614     | 6.50   | cps   |
| Ytterbium | 176-2 | 6307     | 6335     | 6819     | 6487     | 4.43   | cps   |
| Yttrium   | 89-1  | 18604256 | 18506561 | 18056241 | 18389019 | 1.59   | cps   |
| Yttrium   | 89-2  | 1931888  | 1870003  | 1945744  | 1915878  | 2.10   | cps   |
| Zinc      | 66-2  | 157      | 207      | 130      | 164      | 23.67  | cps   |
| Zirconium | 90-1  | 817      | 750      | 900      | 822      | 9.14   | cps   |
| Zirconium | 91-1  | 217      | 167      | 192      | 192      | 13.04  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 577      | 540      | 586      | 568      | 4.33   | cps   |
| Antimony   | 121-1 | 2117     | 1975     | 1942     | 2011     | 4.62   | cps   |
| Arsenic    | 75-2  | 72       | 89       | 88       | 83       | 11.49  | cps   |
| Barium     | 135-1 | 3109     | 2592     | 2659     | 2786     | 10.09  | cps   |
| Barium     | 137-1 | 4984     | 4884     | 4743     | 4870     | 2.49   | cps   |
| Beryllium  | 9-1   | 1472     | 1474     | 1498     | 1481     | 0.98   | cps   |
| Bismuth    | 209-1 | 6076928  | 6346721  | 6116779  | 6180143  | 2.36   | cps   |
| Bismuth    | 209-2 | 3448724  | 3351192  | 3264383  | 3354766  | 2.75   | cps   |
| Boron      | 10-1  | 2522     | 2480     | 2642     | 2548     | 3.30   | cps   |
| Boron      | 11-1  | 11444    | 11168    | 11030    | 11214    | 1.88   | cps   |
| Bromine    | 81-1  | 78222    | 80159    | 75114    | 77832    | 3.27   | cps   |
| Cadmium    | 111-1 | 4780     | 4886     | 5033     | 4900     | 2.59   | cps   |
| Cadmium    | 106-1 | 5976     | 6060     | 6235     | 6090     | 2.17   | cps   |
| Cadmium    | 108-1 | 238      | 204      | 200      | 214      | 9.61   | cps   |
| Calcium    | 43-1  | 1352     | 1232     | 1269     | 1284     | 4.79   | cps   |
| Calcium    | 44-1  | 30109    | 30099    | 29579    | 29929    | 1.01   | cps   |
| Carbon     | 12-1  | 11122186 | 10798198 | 10862630 | 10927671 | 1.57   | cps   |
| Carbon     | 12-2  | 99167    | 98059    | 96618    | 97948    | 1.31   | cps   |
| Chlorine   | 35-1  | 286972   | 292164   | 288117   | 289084   | 0.94   | cps   |
| Chlorine   | 35-2  | 2109     | 1767     | 1825     | 1900     | 9.62   | cps   |
| Chromium   | 52-2  | 1997     | 1993     | 2010     | 2000     | 0.44   | cps   |
| Cobalt     | 59-2  | 1400     | 1373     | 1367     | 1380     | 1.28   | cps   |
| Copper     | 63-2  | 3010     | 2934     | 2910     | 2951     | 1.77   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 100      | 75       | 108      | 94       | 18.37  | cps   |
| Erbium     | 164-2 | 30       | 33       | 17       | 27       | 33.06  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 75       | 78       | 6.19   | cps   |
| Gadolinium | 160-2 | 83       | 70       | 87       | 80       | 11.02  | cps   |
| Holmium    | 165-1 | 10724752 | 10917098 | 11115449 | 10919100 | 1.79   | cps   |
| Holmium    | 165-2 | 4760946  | 4857553  | 4592190  | 4736896  | 2.84   | cps   |
| Indium     | 115-1 | 10869575 | 11325381 | 10639131 | 10944696 | 3.19   | cps   |
| Indium     | 115-2 | 1652033  | 1627031  | 1577545  | 1618870  | 2.34   | cps   |
| Iron       | 54-2  | 2617     | 2661     | 2595     | 2624     | 1.29   | cps   |
| Iron       | 56-2  | 38051    | 37421    | 36636    | 37370    | 1.90   | cps   |
| Iron       | 57-2  | 1011     | 1156     | 972      | 1046     | 9.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11839    | 11895    | 11845    | 11859    | 0.26   | cps   |
| Lead       | 206-1 | 2145     | 2000     | 1967     | 2037     | 4.64   | cps   |
| Lead       | 207-1 | 1878     | 1700     | 1800     | 1793     | 4.97   | cps   |
| Lead       | 208-1 | 8790     | 8418     | 8335     | 8514     | 2.85   | cps   |
| Lithium    | 6-1   | 10360786 | 10563967 | 10741002 | 10555251 | 1.80   | cps   |
| Magnesium  | 24-2  | 7736     | 7169     | 7194     | 7366     | 4.35   | cps   |
| Manganese  | 55-2  | 1170     | 1013     | 1190     | 1125     | 8.60   | cps   |
| Molybdenum | 94-1  | 2425     | 2542     | 2675     | 2548     | 4.91   | cps   |
| Molybdenum | 95-1  | 1233     | 1358     | 1408     | 1333     | 6.76   | cps   |
| Molybdenum | 96-1  | 1967     | 2067     | 2159     | 2064     | 4.64   | cps   |
| Molybdenum | 97-1  | 942      | 775      | 825      | 847      | 10.10  | cps   |
| Molybdenum | 98-1  | 2359     | 2142     | 2317     | 2272     | 5.06   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 433      | 443      | 473      | 450      | 4.63   | cps   |
| Phosphorus | 31-2  | 208      | 217      | 167      | 197      | 13.58  | cps   |
| Potassium  | 39-2  | 27527    | 26233    | 25607    | 26455    | 3.70   | cps   |
| Rhodium    | 103-1 | 10830395 | 10703293 | 10970744 | 10834811 | 1.23   | cps   |
| Rhodium    | 103-2 | 4470496  | 4480123  | 4432498  | 4461039  | 0.56   | cps   |
| Scandium   | 45-1  | 9393179  | 9591125  | 9590353  | 9524886  | 1.20   | cps   |
| Scandium   | 45-2  | 279534   | 276445   | 273057   | 276345   | 1.17   | cps   |
| Selenium   | 82-1  | -245     | -118     | -225     | -196     | -35.02 | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 143      | 128      | 140      | 137      | 5.80   | cps   |
| Silicon    | 28-1  | 1076618  | 1083979  | 1116242  | 1092280  | 1.93   | cps   |
| Silver     | 107-1 | 3426     | 3709     | 4101     | 3745     | 9.05   | cps   |
| Silver     | 109-1 | 3292     | 3242     | 3067     | 3200     | 3.69   | cps   |
| Sodium     | 23-2  | 30925    | 29806    | 29739    | 30157    | 2.21   | cps   |
| Strontium  | 86-1  | 19422    | 19806    | 19497    | 19575    | 1.04   | cps   |
| Strontium  | 88-1  | 8111     | 8228     | 8153     | 8164     | 0.72   | cps   |
| Sulfur     | 34-1  | 495220   | 502497   | 500341   | 499353   | 0.75   | cps   |
| Terbium    | 159-1 | 11687481 | 11357415 | 11265611 | 11436836 | 1.94   | cps   |
| Terbium    | 159-2 | 4718056  | 4639642  | 4586685  | 4648128  | 1.42   | cps   |
| Thallium   | 203-1 | 2325     | 2067     | 2300     | 2231     | 6.39   | cps   |
| Thallium   | 205-1 | 4684     | 5135     | 5201     | 5007     | 5.62   | cps   |
| Tin        | 118-1 | 3342     | 3367     | 3117     | 3275     | 4.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-4          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-4          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:36:29 | DataFile Name :   | 032AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1000     | 858      | 1067     | 975      | 10.91  | cps   |
| Uranium   | 238-1 | 5076     | 5243     | 5151     | 5157     | 1.62   | cps   |
| Vanadium  | 51-2  | 600      | 573      | 633      | 602      | 4.99   | cps   |
| Ytterbium | 172-1 | 42       | 108      | 92       | 81       | 43.07  | cps   |
| Ytterbium | 172-2 | 39       | 33       | 39       | 37       | 8.67   | cps   |
| Ytterbium | 176-1 | 1592     | 1900     | 1725     | 1739     | 8.89   | cps   |
| Ytterbium | 176-2 | 6468     | 6730     | 7113     | 6770     | 4.79   | cps   |
| Yttrium   | 89-1  | 18938541 | 19154639 | 18763331 | 18952171 | 1.03   | cps   |
| Yttrium   | 89-2  | 1999595  | 1973578  | 1912318  | 1961830  | 2.28   | cps   |
| Zinc      | 66-2  | 380      | 383      | 397      | 387      | 2.28   | cps   |
| Zirconium | 90-1  | 5059     | 5143     | 5201     | 5134     | 1.39   | cps   |
| Zirconium | 91-1  | 1192     | 1408     | 1258     | 1286     | 8.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 555      | 605      | 609      | 590      | 5.09   | cps   |
| Antimony   | 121-1 | 2275     | 2059     | 2034     | 2122     | 6.26   | cps   |
| Arsenic    | 75-2  | 72       | 78       | 68       | 73       | 6.93   | cps   |
| Barium     | 135-1 | 2475     | 2917     | 2650     | 2681     | 8.30   | cps   |
| Barium     | 137-1 | 4393     | 4568     | 4309     | 4423     | 2.98   | cps   |
| Beryllium  | 9-1   | 1518     | 1490     | 1480     | 1496     | 1.32   | cps   |
| Bismuth    | 209-1 | 6307104  | 6200997  | 6038171  | 6182091  | 2.19   | cps   |
| Bismuth    | 209-2 | 3279462  | 3390162  | 3431142  | 3366922  | 2.33   | cps   |
| Boron      | 10-1  | 2086     | 2176     | 2132     | 2131     | 2.11   | cps   |
| Boron      | 11-1  | 10352    | 9995     | 9699     | 10015    | 3.26   | cps   |
| Bromine    | 81-1  | 78987    | 85590    | 81770    | 82116    | 4.04   | cps   |
| Cadmium    | 111-1 | 4572     | 5025     | 5032     | 4877     | 5.40   | cps   |
| Cadmium    | 106-1 | 5768     | 6293     | 6352     | 6138     | 5.24   | cps   |
| Cadmium    | 108-1 | 254      | 233      | 217      | 235      | 8.00   | cps   |
| Calcium    | 43-1  | 1287     | 1274     | 1314     | 1292     | 1.57   | cps   |
| Calcium    | 44-1  | 30223    | 29301    | 29562    | 29695    | 1.60   | cps   |
| Carbon     | 12-1  | 11067288 | 10770639 | 10498710 | 10778879 | 2.64   | cps   |
| Carbon     | 12-2  | 98102    | 96072    | 97909    | 97361    | 1.15   | cps   |
| Chlorine   | 35-1  | 282873   | 275521   | 273350   | 277248   | 1.80   | cps   |
| Chlorine   | 35-2  | 2050     | 2034     | 1909     | 1997     | 3.88   | cps   |
| Chromium   | 52-2  | 2034     | 2020     | 1933     | 1996     | 2.72   | cps   |
| Cobalt     | 59-2  | 1393     | 1443     | 1333     | 1390     | 3.96   | cps   |
| Copper     | 63-2  | 2927     | 2754     | 2920     | 2867     | 3.43   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 33       | 19       | 89.21  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 83       | 75       | 42       | 67       | 33.07  | cps   |
| Erbium     | 164-2 | 33       | 33       | 27       | 31       | 12.36  | cps   |
| Gadolinium | 160-1 | 92       | 50       | 75       | 72       | 29.04  | cps   |
| Gadolinium | 160-2 | 103      | 93       | 103      | 100      | 5.77   | cps   |
| Holmium    | 165-1 | 10906263 | 10380233 | 11074661 | 10787052 | 3.36   | cps   |
| Holmium    | 165-2 | 4672523  | 4881769  | 4884983  | 4813092  | 2.53   | cps   |
| Indium     | 115-1 | 11025193 | 10611456 | 10563559 | 10733403 | 2.36   | cps   |
| Indium     | 115-2 | 1631013  | 1609831  | 1572523  | 1604456  | 1.85   | cps   |
| Iron       | 54-2  | 2784     | 2700     | 2222     | 2569     | 11.79  | cps   |
| Iron       | 56-2  | 38241    | 37310    | 37795    | 37782    | 1.23   | cps   |
| Iron       | 57-2  | 1056     | 1061     | 928      | 1015     | 7.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11438    | 11750    | 12046    | 11745    | 2.59    | cps   |
| Lead       | 206-1 | 2161     | 2234     | 2217     | 2204     | 1.72    | cps   |
| Lead       | 207-1 | 1783     | 1767     | 1733     | 1761     | 1.45    | cps   |
| Lead       | 208-1 | 8462     | 8524     | 8301     | 8429     | 1.36    | cps   |
| Lithium    | 6-1   | 10717182 | 10679705 | 10361516 | 10586135 | 1.85    | cps   |
| Magnesium  | 24-2  | 7352     | 7661     | 7269     | 7427     | 2.78    | cps   |
| Manganese  | 55-2  | 960      | 887      | 920      | 922      | 3.98    | cps   |
| Molybdenum | 94-1  | 2592     | 2309     | 2684     | 2528     | 7.73    | cps   |
| Molybdenum | 95-1  | 1442     | 1367     | 1392     | 1400     | 2.73    | cps   |
| Molybdenum | 96-1  | 2150     | 2034     | 2025     | 2070     | 3.38    | cps   |
| Molybdenum | 97-1  | 833      | 983      | 983      | 933      | 9.28    | cps   |
| Molybdenum | 98-1  | 2084     | 2042     | 2192     | 2106     | 3.68    | cps   |
| Neodymium  | 150-1 | 27       | 27       | 13       | 22       | 34.66   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05  | cps   |
| Nickel     | 60-2  | 457      | 500      | 480      | 479      | 4.53    | cps   |
| Phosphorus | 31-2  | 233      | 283      | 158      | 225      | 27.96   | cps   |
| Potassium  | 39-2  | 26784    | 26826    | 26892    | 26834    | 0.20    | cps   |
| Rhodium    | 103-1 | 10828632 | 10503827 | 10933397 | 10755285 | 2.08    | cps   |
| Rhodium    | 103-2 | 4491535  | 4409849  | 4320287  | 4407224  | 1.94    | cps   |
| Scandium   | 45-1  | 9599068  | 9453444  | 9741647  | 9598053  | 1.50    | cps   |
| Scandium   | 45-2  | 280065   | 280050   | 275027   | 278381   | 1.04    | cps   |
| Selenium   | 82-1  | 83       | -93      | -306     | -105     | -184.71 | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60   | cps   |
| Selenium   | 78-2  | 143      | 124      | 131      | 133      | 7.25    | cps   |
| Silicon    | 28-1  | 1062755  | 1089582  | 1104313  | 1085550  | 1.94    | cps   |
| Silver     | 107-1 | 3734     | 3851     | 3701     | 3762     | 2.09    | cps   |
| Silver     | 109-1 | 3642     | 3501     | 3584     | 3576     | 1.99    | cps   |
| Sodium     | 23-2  | 30516    | 29672    | 30198    | 30129    | 1.41    | cps   |
| Strontium  | 86-1  | 19489    | 19714    | 19956    | 19720    | 1.18    | cps   |
| Strontium  | 88-1  | 8670     | 8186     | 8078     | 8311     | 3.79    | cps   |
| Sulfur     | 34-1  | 489142   | 500694   | 496268   | 495368   | 1.18    | cps   |
| Terbium    | 159-1 | 11358993 | 11204251 | 11516982 | 11360075 | 1.38    | cps   |
| Terbium    | 159-2 | 4661468  | 4675172  | 4834355  | 4723665  | 2.03    | cps   |
| Thallium   | 203-1 | 2192     | 1667     | 2259     | 2039     | 15.90   | cps   |
| Thallium   | 205-1 | 5351     | 4868     | 5134     | 5118     | 4.73    | cps   |
| Tin        | 118-1 | 3659     | 3117     | 3392     | 3389     | 7.99    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-5          | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-5          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:39:29 | DataFile Name :   | 033AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 825      | 733      | 808      | 789      | 6.19   | cps   |
| Uranium   | 238-1 | 5160     | 4576     | 5168     | 4968     | 6.83   | cps   |
| Vanadium  | 51-2  | 603      | 623      | 527      | 584      | 8.73   | cps   |
| Ytterbium | 172-1 | 83       | 58       | 83       | 75       | 19.25  | cps   |
| Ytterbium | 172-2 | 22       | 44       | 33       | 33       | 33.35  | cps   |
| Ytterbium | 176-1 | 1792     | 1675     | 1708     | 1725     | 3.48   | cps   |
| Ytterbium | 176-2 | 6352     | 6691     | 7041     | 6694     | 5.15   | cps   |
| Yttrium   | 89-1  | 19121992 | 18815321 | 18580556 | 18839290 | 1.44   | cps   |
| Yttrium   | 89-2  | 1958495  | 1917707  | 1935665  | 1937289  | 1.06   | cps   |
| Zinc      | 66-2  | 477      | 480      | 410      | 456      | 8.67   | cps   |
| Zirconium | 90-1  | 5393     | 4934     | 4809     | 5045     | 6.09   | cps   |
| Zirconium | 91-1  | 1333     | 1100     | 1400     | 1278     | 12.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 165      | 171      | 172      | 170      | 2.37   | cps   |
| Antimony   | 121-1 | 92       | 117      | 100      | 103      | 12.39  | cps   |
| Arsenic    | 75-2  | 6        | 6        | 4        | 5        | 21.65  | cps   |
| Barium     | 135-1 | 33       | 25       | 42       | 33       | 25.01  | cps   |
| Barium     | 137-1 | 58       | 58       | 58       | 58       | 0.01   | cps   |
| Beryllium  | 9-1   | 50       | 62       | 42       | 51       | 19.61  | cps   |
| Bismuth    | 209-1 | 6040027  | 6182879  | 5903176  | 6042027  | 2.31   | cps   |
| Bismuth    | 209-2 | 3169000  | 3305954  | 3333767  | 3269574  | 2.70   | cps   |
| Boron      | 10-1  | 1566     | 1674     | 1672     | 1637     | 3.77   | cps   |
| Boron      | 11-1  | 7440     | 7284     | 7733     | 7486     | 3.04   | cps   |
| Bromine    | 81-1  | 76984    | 75044    | 73540    | 75189    | 2.30   | cps   |
| Cadmium    | 111-1 | 4625     | 3695     | 3624     | 3982     | 14.03  | cps   |
| Cadmium    | 106-1 | 6610     | 5418     | 5234     | 5754     | 12.98  | cps   |
| Cadmium    | 108-1 | 92       | 204      | 129      | 142      | 40.43  | cps   |
| Calcium    | 43-1  | 289      | 244      | 279      | 270      | 8.74   | cps   |
| Calcium    | 44-1  | 12595    | 12917    | 12687    | 12733    | 1.30   | cps   |
| Carbon     | 12-1  | 11141001 | 10874953 | 10577735 | 10864563 | 2.59   | cps   |
| Carbon     | 12-2  | 97129    | 98638    | 98539    | 98102    | 0.86   | cps   |
| Chlorine   | 35-1  | 270066   | 264438   | 264065   | 266190   | 1.26   | cps   |
| Chlorine   | 35-2  | 1917     | 1784     | 1892     | 1864     | 3.80   | cps   |
| Chromium   | 52-2  | 1277     | 1353     | 1203     | 1278     | 5.87   | cps   |
| Cobalt     | 59-2  | 83       | 123      | 87       | 98       | 22.70  | cps   |
| Copper     | 63-2  | 980      | 883      | 880      | 914      | 6.21   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 0        | 8        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 92       | 75       | 125      | 97       | 26.19  | cps   |
| Erbium     | 164-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Gadolinium | 160-1 | 125      | 133      | 83       | 114      | 23.52  | cps   |
| Gadolinium | 160-2 | 97       | 67       | 127      | 97       | 31.03  | cps   |
| Holmium    | 165-1 | 10790899 | 10634584 | 10276464 | 10567316 | 2.50   | cps   |
| Holmium    | 165-2 | 4582732  | 4581550  | 4721269  | 4628517  | 1.74   | cps   |
| Indium     | 115-1 | 10711579 | 10662840 | 10334501 | 10569640 | 1.94   | cps   |
| Indium     | 115-2 | 1581916  | 1596866  | 1563455  | 1580746  | 1.06   | cps   |
| Iron       | 54-2  | 811      | 911      | 850      | 857      | 5.88   | cps   |
| Iron       | 56-2  | 6329     | 6997     | 6218     | 6515     | 6.47   | cps   |
| Iron       | 57-2  | 189      | 306      | 250      | 248      | 23.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11865    | 11522    | 11605    | 11664    | 1.53    | cps   |
| Lead       | 206-1 | 711      | 717      | 822      | 750      | 8.35    | cps   |
| Lead       | 207-1 | 578      | 639      | 700      | 639      | 9.57    | cps   |
| Lead       | 208-1 | 2906     | 3117     | 3122     | 3048     | 4.05    | cps   |
| Lithium    | 6-1   | 10691850 | 10182791 | 10325646 | 10400095 | 2.52    | cps   |
| Magnesium  | 24-2  | 392      | 492      | 533      | 472      | 15.42   | cps   |
| Manganese  | 55-2  | 107      | 143      | 180      | 143      | 25.58   | cps   |
| Molybdenum | 94-1  | 258      | 317      | 283      | 286      | 10.23   | cps   |
| Molybdenum | 95-1  | 67       | 92       | 75       | 78       | 16.37   | cps   |
| Molybdenum | 96-1  | 342      | 542      | 408      | 431      | 23.65   | cps   |
| Molybdenum | 97-1  | 33       | 25       | 42       | 33       | 25.01   | cps   |
| Molybdenum | 98-1  | 117      | 100      | 133      | 117      | 14.29   | cps   |
| Neodymium  | 150-1 | 13       | 27       | 7        | 16       | 65.47   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 43       | 40       | 73       | 52       | 35.15   | cps   |
| Phosphorus | 31-2  | 150      | 183      | 192      | 175      | 12.60   | cps   |
| Potassium  | 39-2  | 24555    | 23253    | 23946    | 23918    | 2.72    | cps   |
| Rhodium    | 103-1 | 10361167 | 10848144 | 10243325 | 10484212 | 3.06    | cps   |
| Rhodium    | 103-2 | 4427440  | 4307755  | 4250906  | 4328700  | 2.08    | cps   |
| Scandium   | 45-1  | 9981529  | 9215626  | 9407003  | 9534719  | 4.18    | cps   |
| Scandium   | 45-2  | 275587   | 269275   | 274604   | 273155   | 1.24    | cps   |
| Selenium   | 82-1  | -286     | 179      | -81      | -63      | -370.38 | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 141      | 125      | 121      | 129      | 8.21    | cps   |
| Silicon    | 28-1  | 1112680  | 1111381  | 1089376  | 1104479  | 1.19    | cps   |
| Silver     | 107-1 | 275      | 217      | 258      | 250      | 12.02   | cps   |
| Silver     | 109-1 | 100      | 192      | 175      | 156      | 31.39   | cps   |
| Sodium     | 23-2  | 17186    | 17544    | 17653    | 17461    | 1.40    | cps   |
| Strontium  | 86-1  | 18671    | 18538    | 17970    | 18393    | 2.02    | cps   |
| Strontium  | 88-1  | 250      | 375      | 342      | 322      | 20.09   | cps   |
| Sulfur     | 34-1  | 503112   | 505965   | 500431   | 503169   | 0.55    | cps   |
| Terbium    | 159-1 | 11397688 | 11242692 | 10896506 | 11178962 | 2.30    | cps   |
| Terbium    | 159-2 | 4707783  | 4474383  | 4715885  | 4632684  | 2.96    | cps   |
| Thallium   | 203-1 | 367      | 417      | 308      | 364      | 14.90   | cps   |
| Thallium   | 205-1 | 733      | 858      | 942      | 845      | 12.42   | cps   |
| Tin        | 118-1 | 1417     | 1525     | 1583     | 1508     | 5.61    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL BLANK-5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL BLANK-5        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:45:32 | DataFile Name :   | 035AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 425      | 383      | 408      | 406      | 5.17   | cps   |
| Uranium   | 238-1 | 58       | 8        | 17       | 28       | 96.44  | cps   |
| Vanadium  | 51-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Ytterbium | 172-1 | 58       | 33       | 50       | 47       | 26.96  | cps   |
| Ytterbium | 172-2 | 39       | 28       | 33       | 33       | 16.67  | cps   |
| Ytterbium | 176-1 | 1658     | 1600     | 1800     | 1686     | 6.10   | cps   |
| Ytterbium | 176-2 | 6485     | 6441     | 6819     | 6581     | 3.14   | cps   |
| Yttrium   | 89-1  | 18684961 | 18296713 | 18820962 | 18600879 | 1.46   | cps   |
| Yttrium   | 89-2  | 1963803  | 1928498  | 1913066  | 1935122  | 1.34   | cps   |
| Zinc      | 66-2  | 170      | 147      | 173      | 163      | 8.90   | cps   |
| Zirconium | 90-1  | 758      | 650      | 667      | 692      | 8.43   | cps   |
| Zirconium | 91-1  | 142      | 158      | 167      | 156      | 8.18   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4630953   | 4623879   | 4534457   | 4596430   | 1.17   | cps   |
| Antimony   | 121-1 | 3766783   | 3731309   | 3671665   | 3723252   | 1.29   | cps   |
| Arsenic    | 75-2  | 132288    | 132033    | 131226    | 131849    | 0.42   | cps   |
| Barium     | 135-1 | 5142414   | 5124406   | 5110458   | 5125759   | 0.31   | cps   |
| Barium     | 137-1 | 8865844   | 8916453   | 8740083   | 8840794   | 1.03   | cps   |
| Beryllium  | 9-1   | 2609136   | 2649014   | 2639616   | 2632589   | 0.79   | cps   |
| Bismuth    | 209-1 | 5469520   | 5343790   | 5281384   | 5364898   | 1.79   | cps   |
| Bismuth    | 209-2 | 2976932   | 3140004   | 3009338   | 3042091   | 2.84   | cps   |
| Boron      | 10-1  | 447064    | 456265    | 477366    | 460232    | 3.38   | cps   |
| Boron      | 11-1  | 1886474   | 1964257   | 1976357   | 1942363   | 2.51   | cps   |
| Bromine    | 81-1  | 74259     | 67968     | 73205     | 71811     | 4.69   | cps   |
| Cadmium    | 111-1 | 1265041   | 1199050   | 1238248   | 1234113   | 2.69   | cps   |
| Cadmium    | 106-1 | 148501    | 141905    | 143847    | 144751    | 2.34   | cps   |
| Cadmium    | 108-1 | 97433     | 96389     | 98462     | 97428     | 1.06   | cps   |
| Calcium    | 43-1  | 10128408  | 9782316   | 9896940   | 9935888   | 1.77   | cps   |
| Calcium    | 44-1  | 168085225 | 164648359 | 162932789 | 165222124 | 1.59   | cps   |
| Carbon     | 12-1  | 10937823  | 10727617  | 10990443  | 10885294  | 1.28   | cps   |
| Carbon     | 12-2  | 109196    | 111035    | 107072    | 109101    | 1.82   | cps   |
| Chlorine   | 35-1  | 251444    | 244790    | 247644    | 247959    | 1.35   | cps   |
| Chlorine   | 35-2  | 1775      | 1617      | 1592      | 1661      | 5.99   | cps   |
| Chromium   | 52-2  | 1482538   | 1457731   | 1468938   | 1469735   | 0.85   | cps   |
| Cobalt     | 59-2  | 2463615   | 2499509   | 2525575   | 2496233   | 1.25   | cps   |
| Copper     | 63-2  | 19526355  | 19589341  | 19569272  | 19561656  | 0.16   | cps   |
| Dysprosium | 156-1 | 717       | 658       | 700       | 692       | 4.34   | cps   |
| Dysprosium | 156-2 | 230       | 200       | 217       | 216       | 6.97   | cps   |
| Erbium     | 164-1 | 208       | 183       | 125       | 172       | 24.83  | cps   |
| Erbium     | 164-2 | 57        | 53        | 77        | 62        | 20.29  | cps   |
| Gadolinium | 160-1 | 408       | 600       | 583       | 531       | 20.01  | cps   |
| Gadolinium | 160-2 | 297       | 310       | 267       | 291       | 7.63   | cps   |
| Holmium    | 165-1 | 11342867  | 10935095  | 11194366  | 11157443  | 1.85   | cps   |
| Holmium    | 165-2 | 4816121   | 4742549   | 4711867   | 4756846   | 1.13   | cps   |
| Indium     | 115-1 | 10450420  | 9894281   | 10133141  | 10159281  | 2.75   | cps   |
| Indium     | 115-2 | 1484047   | 1496127   | 1460606   | 1480260   | 1.22   | cps   |
| Iron       | 54-2  | 15790538  | 16104464  | 15949942  | 15948315  | 0.98   | cps   |
| Iron       | 56-2  | 279711001 | 285108595 | 285639806 | 283486467 | 1.16   | cps   |
| Iron       | 57-2  | 7269012   | 7115775   | 7028437   | 7137741   | 1.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 10868     | 11116     | 10945     | 10976     | 1.15   | cps   |
| Lead       | 206-1 | 13318412  | 12720599  | 13369382  | 13136131  | 2.75   | cps   |
| Lead       | 207-1 | 11404837  | 11183384  | 11435469  | 11341230  | 1.21   | cps   |
| Lead       | 208-1 | 51533085  | 51873233  | 52187207  | 51864508  | 0.63   | cps   |
| Lithium    | 6-1   | 10024130  | 9822399   | 10131396  | 9992641   | 1.57   | cps   |
| Magnesium  | 24-2  | 62948120  | 63393201  | 60155162  | 62165494  | 2.82   | cps   |
| Manganese  | 55-2  | 7849108   | 7707456   | 7822676   | 7793080   | 0.97   | cps   |
| Molybdenum | 94-1  | 17473834  | 17781593  | 17610963  | 17622130  | 0.87   | cps   |
| Molybdenum | 95-1  | 25659617  | 25150393  | 25429429  | 25413147  | 1.00   | cps   |
| Molybdenum | 96-1  | 27369268  | 27335231  | 27463927  | 27389475  | 0.24   | cps   |
| Molybdenum | 97-1  | 15459949  | 15830483  | 15292162  | 15527531  | 1.77   | cps   |
| Molybdenum | 98-1  | 41230726  | 41250609  | 40516944  | 40999426  | 1.02   | cps   |
| Neodymium  | 150-1 | 520       | 460       | 467       | 482       | 6.82   | cps   |
| Neodymium  | 150-2 | 27        | 47        | 37        | 37        | 27.27  | cps   |
| Nickel     | 60-2  | 674334    | 672760    | 666937    | 671344    | 0.58   | cps   |
| Phosphorus | 31-2  | 56412     | 56612     | 54102     | 55708     | 2.50   | cps   |
| Potassium  | 39-2  | 23220147  | 22964915  | 22544790  | 22909951  | 1.49   | cps   |
| Rhodium    | 103-1 | 9872256   | 9505893   | 9501597   | 9626582   | 2.21   | cps   |
| Rhodium    | 103-2 | 3959975   | 3945500   | 3948493   | 3951322   | 0.19   | cps   |
| Scandium   | 45-1  | 9712511   | 9254685   | 9373783   | 9446993   | 2.51   | cps   |
| Scandium   | 45-2  | 267589    | 265814    | 268013    | 267138    | 0.44   | cps   |
| Selenium   | 82-1  | 113806    | 113221    | 114444    | 113824    | 0.54   | cps   |
| Selenium   | 77-2  | 3437      | 3370      | 3230      | 3346      | 3.15   | cps   |
| Selenium   | 78-2  | 11407     | 11193     | 11322     | 11307     | 0.95   | cps   |
| Silicon    | 28-1  | 19204389  | 18626809  | 19115354  | 18982184  | 1.64   | cps   |
| Silver     | 107-1 | 6070305   | 6121986   | 6100961   | 6097750   | 0.43   | cps   |
| Silver     | 109-1 | 6036295   | 5793698   | 5750802   | 5860265   | 2.63   | cps   |
| Sodium     | 23-2  | 121863732 | 117906398 | 114881773 | 118217301 | 2.96   | cps   |
| Strontium  | 86-1  | 1884051   | 1785662   | 1805345   | 1825019   | 2.85   | cps   |
| Strontium  | 88-1  | 15565887  | 14903286  | 15364693  | 15277955  | 2.22   | cps   |
| Sulfur     | 34-1  | 1216909   | 1163068   | 1166734   | 1182237   | 2.54   | cps   |
| Terbium    | 159-1 | 11568133  | 10788074  | 11315131  | 11223779  | 3.55   | cps   |
| Terbium    | 159-2 | 4706177   | 4639168   | 4741597   | 4695647   | 1.11   | cps   |
| Thallium   | 203-1 | 3357951   | 3237967   | 3339375   | 3311764   | 1.95   | cps   |
| Thallium   | 205-1 | 7615983   | 7461982   | 7909079   | 7662348   | 2.96   | cps   |
| Tin        | 118-1 | 3748031   | 3836435   | 3750792   | 3778419   | 1.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 15:51:35 | DataFile Name :   | 037CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9329100  | 9009696  | 9262283  | 9200360  | 1.83   | cps   |
| Uranium   | 238-1 | 9614767  | 9885010  | 10215021 | 9904933  | 3.04   | cps   |
| Vanadium  | 51-2  | 1127666  | 1124105  | 1125287  | 1125686  | 0.16   | cps   |
| Ytterbium | 172-1 | 142      | 150      | 208      | 167      | 21.79  | cps   |
| Ytterbium | 172-2 | 67       | 78       | 44       | 63       | 26.95  | cps   |
| Ytterbium | 176-1 | 16761    | 16369    | 16669    | 16600    | 1.24   | cps   |
| Ytterbium | 176-2 | 13251    | 13424    | 13324    | 13333    | 0.65   | cps   |
| Yttrium   | 89-1  | 19100479 | 17821838 | 18515968 | 18479429 | 3.46   | cps   |
| Yttrium   | 89-2  | 1934123  | 1846248  | 1887001  | 1889124  | 2.33   | cps   |
| Zinc      | 66-2  | 2371843  | 2451524  | 2393888  | 2405752  | 1.71   | cps   |
| Zirconium | 90-1  | 9194582  | 9057255  | 9174230  | 9142022  | 0.81   | cps   |
| Zirconium | 91-1  | 2052776  | 2041907  | 2095071  | 2063251  | 1.36   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : CCB82 Instrumnet Name : P8  
 Client Sample ID : CCB82 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 15:56:57 DataFile Name : 038CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 245      | 235      | 215      | 232      | 6.59   | cps   |
| Antimony   | 121-1 | 767      | 708      | 1167     | 881      | 28.33  | cps   |
| Arsenic    | 75-2  | 12       | 19       | 7        | 13       | 47.59  | cps   |
| Barium     | 135-1 | 225      | 242      | 192      | 219      | 11.60  | cps   |
| Barium     | 137-1 | 375      | 325      | 325      | 342      | 8.45   | cps   |
| Beryllium  | 9-1   | 200      | 170      | 192      | 187      | 8.29   | cps   |
| Bismuth    | 209-1 | 6243584  | 6319750  | 6233382  | 6265572  | 0.75   | cps   |
| Bismuth    | 209-2 | 3271341  | 3274002  | 3377211  | 3307518  | 1.83   | cps   |
| Boron      | 10-1  | 21534    | 20560    | 20290    | 20795    | 3.15   | cps   |
| Boron      | 11-1  | 91821    | 89849    | 84853    | 88841    | 4.04   | cps   |
| Bromine    | 81-1  | 77422    | 71973    | 76281    | 75225    | 3.82   | cps   |
| Cadmium    | 111-1 | 4148     | 3899     | 3840     | 3962     | 4.13   | cps   |
| Cadmium    | 106-1 | 5901     | 5526     | 5551     | 5660     | 3.71   | cps   |
| Cadmium    | 108-1 | 154      | 158      | 221      | 178      | 21.01  | cps   |
| Calcium    | 43-1  | 619      | 547      | 552      | 573      | 6.94   | cps   |
| Calcium    | 44-1  | 18341    | 17456    | 17336    | 17711    | 3.10   | cps   |
| Carbon     | 12-1  | 10765238 | 10633821 | 10562198 | 10653752 | 0.97   | cps   |
| Carbon     | 12-2  | 99780    | 96525    | 97749    | 98018    | 1.68   | cps   |
| Chlorine   | 35-1  | 241980   | 244817   | 242516   | 243104   | 0.62   | cps   |
| Chlorine   | 35-2  | 1475     | 1700     | 1308     | 1495     | 13.15  | cps   |
| Chromium   | 52-2  | 1363     | 1343     | 1210     | 1306     | 6.39   | cps   |
| Cobalt     | 59-2  | 107      | 127      | 150      | 128      | 16.97  | cps   |
| Copper     | 63-2  | 1557     | 1480     | 1657     | 1565     | 5.66   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 92       | 100      | 83       | 92       | 9.09   | cps   |
| Erbium     | 164-2 | 33       | 23       | 33       | 30       | 19.25  | cps   |
| Gadolinium | 160-1 | 108      | 125      | 58       | 97       | 35.68  | cps   |
| Gadolinium | 160-2 | 103      | 93       | 93       | 97       | 5.98   | cps   |
| Holmium    | 165-1 | 10977023 | 10991764 | 10634675 | 10867821 | 1.86   | cps   |
| Holmium    | 165-2 | 4707933  | 4797926  | 4769425  | 4758428  | 0.97   | cps   |
| Indium     | 115-1 | 10593280 | 11058339 | 10574040 | 10741887 | 2.55   | cps   |
| Indium     | 115-2 | 1554274  | 1539075  | 1595152  | 1562833  | 1.86   | cps   |
| Iron       | 54-2  | 1350     | 1383     | 1406     | 1380     | 2.03   | cps   |
| Iron       | 56-2  | 15492    | 14524    | 15258    | 15092    | 3.35   | cps   |
| Iron       | 57-2  | 422      | 467      | 417      | 435      | 6.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:56:57 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11495    | 11565    | 11583    | 11547    | 0.41   | cps   |
| Lead       | 206-1 | 1239     | 1306     | 1261     | 1269     | 2.68   | cps   |
| Lead       | 207-1 | 1211     | 1256     | 1233     | 1233     | 1.80   | cps   |
| Lead       | 208-1 | 5251     | 5312     | 5089     | 5217     | 2.20   | cps   |
| Lithium    | 6-1   | 10384459 | 10681635 | 10007666 | 10357920 | 3.26   | cps   |
| Magnesium  | 24-2  | 2534     | 2542     | 2592     | 2556     | 1.23   | cps   |
| Manganese  | 55-2  | 357      | 353      | 360      | 357      | 0.94   | cps   |
| Molybdenum | 94-1  | 1150     | 1042     | 1000     | 1064     | 7.28   | cps   |
| Molybdenum | 95-1  | 1192     | 1308     | 1067     | 1189     | 10.17  | cps   |
| Molybdenum | 96-1  | 1583     | 1608     | 1467     | 1553     | 4.87   | cps   |
| Molybdenum | 97-1  | 725      | 717      | 675      | 706      | 3.80   | cps   |
| Molybdenum | 98-1  | 2242     | 1825     | 1525     | 1864     | 19.31  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Nickel     | 60-2  | 63       | 70       | 53       | 62       | 13.48  | cps   |
| Phosphorus | 31-2  | 275      | 233      | 167      | 225      | 24.29  | cps   |
| Potassium  | 39-2  | 22577    | 23278    | 23979    | 23278    | 3.01   | cps   |
| Rhodium    | 103-1 | 10561609 | 10428021 | 10601866 | 10530499 | 0.86   | cps   |
| Rhodium    | 103-2 | 4202774  | 4339891  | 4369260  | 4303975  | 2.06   | cps   |
| Scandium   | 45-1  | 9384604  | 9501443  | 9410498  | 9432182  | 0.65   | cps   |
| Scandium   | 45-2  | 265723   | 264462   | 265264   | 265150   | 0.24   | cps   |
| Selenium   | 82-1  | -170     | -206     | -120     | -166     | -26.18 | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 114      | 127      | 106      | 116      | 9.16   | cps   |
| Silicon    | 28-1  | 1063653  | 1080723  | 1102482  | 1082286  | 1.80   | cps   |
| Silver     | 107-1 | 917      | 725      | 1050     | 897      | 18.21  | cps   |
| Silver     | 109-1 | 867      | 608      | 725      | 733      | 17.64  | cps   |
| Sodium     | 23-2  | 24546    | 24312    | 24922    | 24593    | 1.25   | cps   |
| Strontium  | 86-1  | 18671    | 18896    | 17929    | 18499    | 2.74   | cps   |
| Strontium  | 88-1  | 1008     | 592      | 700      | 767      | 28.20  | cps   |
| Sulfur     | 34-1  | 453379   | 450775   | 455248   | 453134   | 0.50   | cps   |
| Terbium    | 159-1 | 11437960 | 11396020 | 11524415 | 11452798 | 0.57   | cps   |
| Terbium    | 159-2 | 4793405  | 4559531  | 4646577  | 4666504  | 2.53   | cps   |
| Thallium   | 203-1 | 625      | 600      | 600      | 608      | 2.37   | cps   |
| Thallium   | 205-1 | 1533     | 1575     | 1442     | 1517     | 4.50   | cps   |
| Tin        | 118-1 | 1442     | 1692     | 1400     | 1511     | 10.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 15:56:57 | DataFile Name :   | 038CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 750      | 708      | 633      | 697      | 8.48   | cps   |
| Uranium   | 238-1 | 383      | 225      | 417      | 342      | 29.97  | cps   |
| Vanadium  | 51-2  | 37       | 23       | 37       | 32       | 23.90  | cps   |
| Ytterbium | 172-1 | 67       | 42       | 58       | 56       | 22.91  | cps   |
| Ytterbium | 172-2 | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Ytterbium | 176-1 | 1675     | 1575     | 1633     | 1628     | 3.09   | cps   |
| Ytterbium | 176-2 | 6441     | 7008     | 7324     | 6924     | 6.47   | cps   |
| Yttrium   | 89-1  | 18205581 | 19207270 | 19009692 | 18807514 | 2.82   | cps   |
| Yttrium   | 89-2  | 1875198  | 1888259  | 1859915  | 1874457  | 0.76   | cps   |
| Zinc      | 66-2  | 253      | 323      | 260      | 279      | 13.85  | cps   |
| Zirconium | 90-1  | 1308     | 1075     | 1275     | 1220     | 10.35  | cps   |
| Zirconium | 91-1  | 325      | 258      | 192      | 258      | 25.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6886     | 6971     | 7126     | 6994     | 1.74   | cps   |
| Antimony   | 121-1 | 1292     | 1583     | 1608     | 1495     | 11.78  | cps   |
| Arsenic    | 75-2  | 43       | 45       | 47       | 45       | 4.44   | cps   |
| Barium     | 135-1 | 207955   | 200133   | 207629   | 205239   | 2.16   | cps   |
| Barium     | 137-1 | 363360   | 342211   | 354701   | 353424   | 3.01   | cps   |
| Beryllium  | 9-1   | 106      | 116      | 110      | 111      | 4.55   | cps   |
| Bismuth    | 209-1 | 4737887  | 4721177  | 5080270  | 4846445  | 4.18   | cps   |
| Bismuth    | 209-2 | 3065377  | 2877291  | 2843427  | 2928698  | 4.08   | cps   |
| Boron      | 10-1  | 234056   | 243043   | 248368   | 241822   | 2.99   | cps   |
| Boron      | 11-1  | 1020416  | 1023653  | 1106353  | 1050141  | 4.64   | cps   |
| Bromine    | 81-1  | 311867   | 328977   | 358635   | 333160   | 7.10   | cps   |
| Cadmium    | 111-1 | 3911     | 3884     | 4081     | 3959     | 2.70   | cps   |
| Cadmium    | 106-1 | 5451     | 5443     | 5768     | 5554     | 3.34   | cps   |
| Cadmium    | 108-1 | 67       | 79       | 117      | 88       | 29.74  | cps   |
| Calcium    | 43-1  | 6119800  | 6101126  | 6023123  | 6081350  | 0.84   | cps   |
| Calcium    | 44-1  | 95102537 | 97296646 | 95291551 | 95896911 | 1.27   | cps   |
| Carbon     | 12-1  | 14677232 | 16328280 | 17236935 | 16080815 | 8.07   | cps   |
| Carbon     | 12-2  | 173256   | 179825   | 181562   | 178214   | 2.46   | cps   |
| Chlorine   | 35-1  | 44501534 | 58284676 | 68323827 | 57036679 | 20.97  | cps   |
| Chlorine   | 35-2  | 557091   | 588376   | 622230   | 589232   | 5.53   | cps   |
| Chromium   | 52-2  | 98882    | 97561    | 97218    | 97887    | 0.90   | cps   |
| Cobalt     | 59-2  | 1070     | 953      | 1017     | 1013     | 5.76   | cps   |
| Copper     | 63-2  | 6091     | 5925     | 5835     | 5950     | 2.19   | cps   |
| Dysprosium | 156-1 | 192      | 183      | 250      | 208      | 17.44  | cps   |
| Dysprosium | 156-2 | 67       | 83       | 93       | 81       | 16.61  | cps   |
| Erbium     | 164-1 | 292      | 408      | 492      | 397      | 25.29  | cps   |
| Erbium     | 164-2 | 187      | 133      | 193      | 171      | 19.22  | cps   |
| Gadolinium | 160-1 | 350      | 325      | 150      | 275      | 39.63  | cps   |
| Gadolinium | 160-2 | 190      | 243      | 140      | 191      | 27.04  | cps   |
| Holmium    | 165-1 | 10027883 | 10089363 | 10009777 | 10042341 | 0.42   | cps   |
| Holmium    | 165-2 | 5048014  | 4743435  | 4669050  | 4820166  | 4.17   | cps   |
| Indium     | 115-1 | 9290772  | 9593287  | 9387345  | 9423801  | 1.64   | cps   |
| Indium     | 115-2 | 1613924  | 1443227  | 1412872  | 1490008  | 7.27   | cps   |
| Iron       | 54-2  | 33729    | 33913    | 33139    | 33593    | 1.20   | cps   |
| Iron       | 56-2  | 540081   | 545857   | 543879   | 543272   | 0.54   | cps   |
| Iron       | 57-2  | 20960    | 21845    | 21227    | 21344    | 2.13   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 10997     | 11057     | 11183     | 11079     | 0.86   | cps   |
| Lead       | 206-1 | 1761      | 1622      | 1678      | 1687      | 4.14   | cps   |
| Lead       | 207-1 | 1383      | 1317      | 1250      | 1317      | 5.06   | cps   |
| Lead       | 208-1 | 6434      | 6012      | 5995      | 6147      | 4.05   | cps   |
| Lithium    | 6-1   | 9439324   | 9917374   | 9360342   | 9572347   | 3.15   | cps   |
| Magnesium  | 24-2  | 6191909   | 6228961   | 6273229   | 6231366   | 0.65   | cps   |
| Manganese  | 55-2  | 15742     | 15659     | 15902     | 15768     | 0.79   | cps   |
| Molybdenum | 94-1  | 3659      | 4217      | 3684      | 3853      | 8.19   | cps   |
| Molybdenum | 95-1  | 5134      | 5376      | 5218      | 5243      | 2.34   | cps   |
| Molybdenum | 96-1  | 5635      | 6077      | 5551      | 5754      | 4.91   | cps   |
| Molybdenum | 97-1  | 3567      | 3317      | 3150      | 3345      | 6.27   | cps   |
| Molybdenum | 98-1  | 8019      | 7836      | 8253      | 8036      | 2.60   | cps   |
| Neodymium  | 150-1 | 307       | 400       | 347       | 351       | 13.34  | cps   |
| Neodymium  | 150-2 | 147       | 113       | 160       | 140       | 17.17  | cps   |
| Nickel     | 60-2  | 2160      | 2114      | 2190      | 2155      | 1.79   | cps   |
| Phosphorus | 31-2  | 300       | 208       | 233       | 247       | 19.17  | cps   |
| Potassium  | 39-2  | 1105047   | 1072287   | 1082170   | 1086501   | 1.55   | cps   |
| Rhodium    | 103-1 | 8868845   | 8808581   | 8862461   | 8846629   | 0.37   | cps   |
| Rhodium    | 103-2 | 4166840   | 3741085   | 3674329   | 3860751   | 6.92   | cps   |
| Scandium   | 45-1  | 8790487   | 8930300   | 8671051   | 8797280   | 1.47   | cps   |
| Scandium   | 45-2  | 291310    | 257694    | 255159    | 268055    | 7.53   | cps   |
| Selenium   | 82-1  | 175       | 355       | 64        | 198       | 74.26  | cps   |
| Selenium   | 77-2  | 7         | 3         | 10        | 7         | 50.03  | cps   |
| Selenium   | 78-2  | 134       | 159       | 136       | 143       | 9.72   | cps   |
| Silicon    | 28-1  | 31296794  | 31581206  | 31978268  | 31618756  | 1.08   | cps   |
| Silver     | 107-1 | 1992      | 1533      | 1400      | 1642      | 18.91  | cps   |
| Silver     | 109-1 | 1617      | 1450      | 1025      | 1364      | 22.37  | cps   |
| Sodium     | 23-2  | 626135614 | 629311697 | 618409414 | 624618908 | 0.90   | cps   |
| Strontium  | 86-1  | 2978834   | 2966453   | 2811839   | 2919042   | 3.19   | cps   |
| Strontium  | 88-1  | 24331238  | 24882230  | 23518832  | 24244100  | 2.83   | cps   |
| Sulfur     | 34-1  | 1081891   | 1085989   | 1063072   | 1076984   | 1.13   | cps   |
| Terbium    | 159-1 | 10587329  | 10495235  | 11038030  | 10706865  | 2.71   | cps   |
| Terbium    | 159-2 | 5004851   | 4519695   | 4547213   | 4690586   | 5.81   | cps   |
| Thallium   | 203-1 | 1000      | 983       | 992       | 992       | 0.84   | cps   |
| Thallium   | 205-1 | 2334      | 2109      | 2725      | 2389      | 13.06  | cps   |
| Tin        | 118-1 | 5785      | 6427      | 6218      | 6143      | 5.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-1R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:00:00 | DataFile Name :   | 039AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 7411     | 7477     | 8528     | 7805     | 8.03   | cps   |
| Uranium   | 238-1 | 7661     | 7669     | 7744     | 7691     | 0.60   | cps   |
| Vanadium  | 51-2  | 1840     | 1753     | 1860     | 1818     | 3.12   | cps   |
| Ytterbium | 172-1 | 417      | 450      | 483      | 450      | 7.41   | cps   |
| Ytterbium | 172-2 | 217      | 278      | 156      | 217      | 28.21  | cps   |
| Ytterbium | 176-1 | 2042     | 2150     | 1792     | 1995     | 9.21   | cps   |
| Ytterbium | 176-2 | 7202     | 7008     | 7024     | 7078     | 1.52   | cps   |
| Yttrium   | 89-1  | 16962433 | 17277821 | 16868307 | 17036187 | 1.26   | cps   |
| Yttrium   | 89-2  | 2004505  | 1837102  | 1807995  | 1883201  | 5.63   | cps   |
| Zinc      | 66-2  | 857      | 880      | 837      | 858      | 2.53   | cps   |
| Zirconium | 90-1  | 2359     | 2134     | 2300     | 2264     | 5.16   | cps   |
| Zirconium | 91-1  | 625      | 583      | 475      | 561      | 13.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-2R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:02:53 | DataFile Name :   | 040AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13284     | 12929     | 13816     | 13343     | 3.35   | cps   |
| Antimony   | 121-1 | 617       | 542       | 608       | 589       | 6.98   | cps   |
| Arsenic    | 75-2  | 312       | 289       | 298       | 300       | 3.87   | cps   |
| Barium     | 135-1 | 511591    | 511298    | 518424    | 513771    | 0.78   | cps   |
| Barium     | 137-1 | 910740    | 890974    | 920085    | 907266    | 1.64   | cps   |
| Beryllium  | 9-1   | 186       | 234       | 196       | 205       | 12.33  | cps   |
| Bismuth    | 209-1 | 5445891   | 5621069   | 5684315   | 5583758   | 2.21   | cps   |
| Bismuth    | 209-2 | 3108131   | 3149229   | 3053668   | 3103676   | 1.54   | cps   |
| Boron      | 10-1  | 45140     | 44342     | 43350     | 44277     | 2.03   | cps   |
| Boron      | 11-1  | 196696    | 198462    | 196847    | 197335    | 0.50   | cps   |
| Bromine    | 81-1  | 350319    | 405489    | 431148    | 395652    | 10.44  | cps   |
| Cadmium    | 111-1 | 4135      | 4473      | 4450      | 4352      | 4.34   | cps   |
| Cadmium    | 106-1 | 5660      | 6210      | 6152      | 6007      | 5.03   | cps   |
| Cadmium    | 108-1 | 63        | 58        | 63        | 61        | 3.94   | cps   |
| Calcium    | 43-1  | 9195915   | 9282787   | 9212647   | 9230449   | 0.50   | cps   |
| Calcium    | 44-1  | 148932989 | 146461977 | 147930604 | 147775190 | 0.84   | cps   |
| Carbon     | 12-1  | 16096550  | 17726374  | 18393751  | 17405559  | 6.79   | cps   |
| Carbon     | 12-2  | 182236    | 189588    | 191066    | 187630    | 2.52   | cps   |
| Chlorine   | 35-1  | 43109192  | 45132441  | 47782443  | 45341358  | 5.17   | cps   |
| Chlorine   | 35-2  | 367656    | 376459    | 383144    | 375753    | 2.07   | cps   |
| Chromium   | 52-2  | 4634      | 4684      | 4514      | 4611      | 1.90   | cps   |
| Cobalt     | 59-2  | 3480      | 3547      | 3524      | 3517      | 0.96   | cps   |
| Copper     | 63-2  | 4984      | 4748      | 4894      | 4875      | 2.45   | cps   |
| Dysprosium | 156-1 | 442       | 392       | 492       | 442       | 11.32  | cps   |
| Dysprosium | 156-2 | 163       | 133       | 170       | 156       | 12.55  | cps   |
| Erbium     | 164-1 | 358       | 400       | 342       | 367       | 8.19   | cps   |
| Erbium     | 164-2 | 170       | 173       | 133       | 159       | 13.97  | cps   |
| Gadolinium | 160-1 | 483       | 467       | 308       | 419       | 23.03  | cps   |
| Gadolinium | 160-2 | 237       | 203       | 280       | 240       | 16.02  | cps   |
| Holmium    | 165-1 | 10523453  | 10585204  | 10755121  | 10621259  | 1.13   | cps   |
| Holmium    | 165-2 | 4836698   | 4777959   | 4797021   | 4803893   | 0.62   | cps   |
| Indium     | 115-1 | 9634923   | 10101442  | 9875646   | 9870670   | 2.36   | cps   |
| Indium     | 115-2 | 1557025   | 1549435   | 1566291   | 1557583   | 0.54   | cps   |
| Iron       | 54-2  | 22747449  | 23132960  | 23132288  | 23004232  | 0.97   | cps   |
| Iron       | 56-2  | 419345254 | 411120776 | 404945876 | 411803968 | 1.75   | cps   |
| Iron       | 57-2  | 10563535  | 10249569  | 10370214  | 10394439  | 1.52   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2172-02 Instrumnet Name : P8  
 Client Sample ID : MW-2R Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 16:02:53 DataFile Name : 040AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 10892     | 11226     | 11049     | 11055     | 1.51   | cps   |
| Lead       | 206-1 | 2467      | 2417      | 2573      | 2485      | 3.20   | cps   |
| Lead       | 207-1 | 2134      | 2134      | 1989      | 2085      | 4.00   | cps   |
| Lead       | 208-1 | 10018     | 9546      | 9529      | 9698      | 2.86   | cps   |
| Lithium    | 6-1   | 9792976   | 10023629  | 10273218  | 10029941  | 2.39   | cps   |
| Magnesium  | 24-2  | 3762876   | 3764457   | 3754165   | 3760499   | 0.15   | cps   |
| Manganese  | 55-2  | 6494285   | 6669573   | 6550734   | 6571531   | 1.36   | cps   |
| Molybdenum | 94-1  | 5410      | 5535      | 5818      | 5587      | 3.75   | cps   |
| Molybdenum | 95-1  | 5610      | 5910      | 5801      | 5774      | 2.63   | cps   |
| Molybdenum | 96-1  | 29616     | 28998     | 29633     | 29416     | 1.23   | cps   |
| Molybdenum | 97-1  | 3534      | 3484      | 3859      | 3626      | 5.62   | cps   |
| Molybdenum | 98-1  | 7536      | 7977      | 8103      | 7872      | 3.78   | cps   |
| Neodymium  | 150-1 | 773       | 653       | 653       | 693       | 9.99   | cps   |
| Neodymium  | 150-2 | 173       | 217       | 240       | 210       | 16.11  | cps   |
| Nickel     | 60-2  | 3891      | 3921      | 3907      | 3906      | 0.38   | cps   |
| Phosphorus | 31-2  | 6477      | 7152      | 6827      | 6818      | 4.95   | cps   |
| Potassium  | 39-2  | 3875310   | 3784619   | 3923473   | 3861134   | 1.83   | cps   |
| Rhodium    | 103-1 | 9203578   | 9646294   | 9475119   | 9441664   | 2.36   | cps   |
| Rhodium    | 103-2 | 4139798   | 4135860   | 3976795   | 4084151   | 2.28   | cps   |
| Scandium   | 45-1  | 9191417   | 9235640   | 9265042   | 9230700   | 0.40   | cps   |
| Scandium   | 45-2  | 269029    | 264692    | 264291    | 266004    | 0.99   | cps   |
| Selenium   | 82-1  | 392       | 9         | 89        | 163       | 123.83 | cps   |
| Selenium   | 77-2  | 0         | 0         | 10        | 3         | 173.21 | cps   |
| Selenium   | 78-2  | 107       | 119       | 98        | 108       | 9.75   | cps   |
| Silicon    | 28-1  | 127199478 | 126435149 | 124918769 | 126184465 | 0.92   | cps   |
| Silver     | 107-1 | 650       | 492       | 625       | 589       | 14.45  | cps   |
| Silver     | 109-1 | 567       | 567       | 450       | 528       | 12.76  | cps   |
| Sodium     | 23-2  | 131186620 | 131573311 | 130659061 | 131139664 | 0.35   | cps   |
| Strontium  | 86-1  | 4291835   | 4215452   | 4353562   | 4286950   | 1.61   | cps   |
| Strontium  | 88-1  | 37084146  | 36210060  | 36387984  | 36560730  | 1.26   | cps   |
| Sulfur     | 34-1  | 1426532   | 1379758   | 1377151   | 1394480   | 1.99   | cps   |
| Terbium    | 159-1 | 10704901  | 10963470  | 11318848  | 10995739  | 2.80   | cps   |
| Terbium    | 159-2 | 4788040   | 4558874   | 4788733   | 4711882   | 2.81   | cps   |
| Thallium   | 203-1 | 1092      | 1100      | 1175      | 1122      | 4.09   | cps   |
| Thallium   | 205-1 | 2659      | 2417      | 2375      | 2484      | 6.16   | cps   |
| Tin        | 118-1 | 6985      | 7210      | 7519      | 7238      | 3.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-2R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:02:53 | DataFile Name :   | 040AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 11063    | 10838    | 10662    | 10854    | 1.85   | cps   |
| Uranium   | 238-1 | 1525     | 1483     | 1500     | 1503     | 1.40   | cps   |
| Vanadium  | 51-2  | 1677     | 1680     | 1557     | 1638     | 4.29   | cps   |
| Ytterbium | 172-1 | 92       | 83       | 117      | 97       | 17.84  | cps   |
| Ytterbium | 172-2 | 56       | 61       | 78       | 65       | 17.84  | cps   |
| Ytterbium | 176-1 | 1683     | 1550     | 2017     | 1750     | 13.74  | cps   |
| Ytterbium | 176-2 | 6796     | 6891     | 7191     | 6959     | 2.96   | cps   |
| Yttrium   | 89-1  | 17538571 | 17603883 | 18404063 | 17848839 | 2.70   | cps   |
| Yttrium   | 89-2  | 1897120  | 1907616  | 1866323  | 1890353  | 1.14   | cps   |
| Zinc      | 66-2  | 5548     | 5414     | 5538     | 5500     | 1.35   | cps   |
| Zirconium | 90-1  | 5367     | 3817     | 3784     | 4323     | 20.93  | cps   |
| Zirconium | 91-1  | 800      | 767      | 808      | 792      | 2.79   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2172-03 Instrumnet Name : P8  
 Client Sample ID : MW-3R Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 16:05:51 DataFile Name : 041AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 33138     | 32887     | 32855     | 32960     | 0.47   | cps   |
| Antimony   | 121-1 | 1792      | 2550      | 2634      | 2325      | 19.95  | cps   |
| Arsenic    | 75-2  | 232       | 219       | 225       | 225       | 2.89   | cps   |
| Barium     | 135-1 | 326470    | 324847    | 331851    | 327722    | 1.12   | cps   |
| Barium     | 137-1 | 552816    | 564613    | 571432    | 562954    | 1.67   | cps   |
| Beryllium  | 9-1   | 130       | 96        | 108       | 111       | 15.49  | cps   |
| Bismuth    | 209-1 | 4397987   | 4628457   | 4600704   | 4542382   | 2.77   | cps   |
| Bismuth    | 209-2 | 2666754   | 2846220   | 2606713   | 2706562   | 4.60   | cps   |
| Boron      | 10-1  | 246964    | 255562    | 268399    | 256975    | 4.20   | cps   |
| Boron      | 11-1  | 1070043   | 1144965   | 1167054   | 1127354   | 4.51   | cps   |
| Bromine    | 81-1  | 427875    | 461597    | 473270    | 454247    | 5.19   | cps   |
| Cadmium    | 111-1 | 4182      | 4233      | 4291      | 4236      | 1.28   | cps   |
| Cadmium    | 106-1 | 5501      | 5751      | 5726      | 5660      | 2.43   | cps   |
| Cadmium    | 108-1 | 146       | 108       | 150       | 135       | 17.03  | cps   |
| Calcium    | 43-1  | 12787286  | 12478680  | 12450718  | 12572228  | 1.49   | cps   |
| Calcium    | 44-1  | 196549182 | 201644630 | 204394701 | 200862837 | 1.98   | cps   |
| Carbon     | 12-1  | 16312084  | 17171958  | 18412745  | 17298929  | 6.10   | cps   |
| Carbon     | 12-2  | 180075    | 184078    | 183546    | 182566    | 1.19   | cps   |
| Chlorine   | 35-1  | 109073415 | 129464503 | 148904145 | 129147354 | 15.42  | cps   |
| Chlorine   | 35-2  | 1200354   | 1220721   | 1264487   | 1228521   | 2.67   | cps   |
| Chromium   | 52-2  | 4591      | 4404      | 4551      | 4515      | 2.18   | cps   |
| Cobalt     | 59-2  | 2550      | 2617      | 2670      | 2612      | 2.30   | cps   |
| Copper     | 63-2  | 47934     | 46603     | 46453     | 46997     | 1.74   | cps   |
| Dysprosium | 156-1 | 283       | 300       | 317       | 300       | 5.55   | cps   |
| Dysprosium | 156-2 | 110       | 127       | 120       | 119       | 7.06   | cps   |
| Erbium     | 164-1 | 325       | 300       | 333       | 319       | 5.43   | cps   |
| Erbium     | 164-2 | 143       | 123       | 117       | 128       | 10.86  | cps   |
| Gadolinium | 160-1 | 325       | 358       | 208       | 297       | 26.50  | cps   |
| Gadolinium | 160-2 | 233       | 203       | 260       | 232       | 12.21  | cps   |
| Holmium    | 165-1 | 9096976   | 9718527   | 10101898  | 9639134   | 5.26   | cps   |
| Holmium    | 165-2 | 4536683   | 4611363   | 4487696   | 4545247   | 1.37   | cps   |
| Indium     | 115-1 | 8717002   | 8960852   | 9021002   | 8899619   | 1.81   | cps   |
| Indium     | 115-2 | 1417568   | 1483278   | 1392970   | 1431272   | 3.26   | cps   |
| Iron       | 54-2  | 101889    | 102426    | 101150    | 101822    | 0.63   | cps   |
| Iron       | 56-2  | 1925789   | 1926096   | 1897405   | 1916430   | 0.86   | cps   |
| Iron       | 57-2  | 59864     | 61806     | 61577     | 61082     | 1.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-3R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:05:51 | DataFile Name :   | 041AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11705     | 11768     | 11750     | 11741     | 0.28   | cps   |
| Lead       | 206-1 | 2978      | 2839      | 2795      | 2871      | 3.33   | cps   |
| Lead       | 207-1 | 2306      | 2328      | 2561      | 2398      | 5.90   | cps   |
| Lead       | 208-1 | 11319     | 11297     | 11124     | 11247     | 0.95   | cps   |
| Lithium    | 6-1   | 9219574   | 9339142   | 9465335   | 9341350   | 1.32   | cps   |
| Magnesium  | 24-2  | 6581038   | 6799105   | 6714471   | 6698204   | 1.64   | cps   |
| Manganese  | 55-2  | 81981     | 82215     | 81582     | 81926     | 0.39   | cps   |
| Molybdenum | 94-1  | 12806     | 11580     | 12047     | 12145     | 5.10   | cps   |
| Molybdenum | 95-1  | 18062     | 16894     | 18087     | 17681     | 3.86   | cps   |
| Molybdenum | 96-1  | 19790     | 19556     | 19506     | 19617     | 0.77   | cps   |
| Molybdenum | 97-1  | 10905     | 10921     | 11055     | 10960     | 0.75   | cps   |
| Molybdenum | 98-1  | 28288     | 28188     | 28388     | 28288     | 0.35   | cps   |
| Neodymium  | 150-1 | 447       | 433       | 533       | 471       | 11.53  | cps   |
| Neodymium  | 150-2 | 153       | 103       | 100       | 119       | 25.13  | cps   |
| Nickel     | 60-2  | 3394      | 3550      | 3427      | 3457      | 2.39   | cps   |
| Phosphorus | 31-2  | 292       | 275       | 242       | 269       | 9.45   | cps   |
| Potassium  | 39-2  | 954219    | 966477    | 938248    | 952981    | 1.49   | cps   |
| Rhodium    | 103-1 | 8231216   | 8396519   | 8236522   | 8288086   | 1.13   | cps   |
| Rhodium    | 103-2 | 3554417   | 3647655   | 3617672   | 3606581   | 1.32   | cps   |
| Scandium   | 45-1  | 8816058   | 8741520   | 8824717   | 8794098   | 0.52   | cps   |
| Scandium   | 45-2  | 259732    | 272009    | 260737    | 264160    | 2.58   | cps   |
| Selenium   | 82-1  | -463      | -234      | -228      | -308      | -43.49 | cps   |
| Selenium   | 77-2  | 20        | 10        | 3         | 11        | 75.52  | cps   |
| Selenium   | 78-2  | 127       | 123       | 136       | 129       | 5.17   | cps   |
| Silicon    | 28-1  | 83216214  | 83440525  | 85807814  | 84154851  | 1.71   | cps   |
| Silver     | 107-1 | 1100      | 1142      | 1167      | 1136      | 2.96   | cps   |
| Silver     | 109-1 | 933       | 975       | 1142      | 1017      | 10.84  | cps   |
| Sodium     | 23-2  | 955225188 | 923182854 | 914639354 | 931015799 | 2.30   | cps   |
| Strontium  | 86-1  | 7849167   | 8063759   | 7804858   | 7905928   | 1.75   | cps   |
| Strontium  | 88-1  | 65594356  | 67814199  | 68450133  | 67286229  | 2.23   | cps   |
| Sulfur     | 34-1  | 1256010   | 1239243   | 1240212   | 1245155   | 0.76   | cps   |
| Terbium    | 159-1 | 10235633  | 10328997  | 10282088  | 10282239  | 0.45   | cps   |
| Terbium    | 159-2 | 4381024   | 4569842   | 4447394   | 4466086   | 2.14   | cps   |
| Thallium   | 203-1 | 942       | 1192      | 1392      | 1175      | 19.19  | cps   |
| Thallium   | 205-1 | 2625      | 2867      | 3134      | 2875      | 8.85   | cps   |
| Tin        | 118-1 | 5993      | 7244      | 6969      | 6735      | 9.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-3R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:05:51 | DataFile Name :   | 041AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 27069    | 27699    | 26618    | 27129    | 2.00   | cps   |
| Uranium   | 238-1 | 26487    | 28850    | 28065    | 27801    | 4.33   | cps   |
| Vanadium  | 51-2  | 16420    | 16560    | 16586    | 16522    | 0.54   | cps   |
| Ytterbium | 172-1 | 150      | 83       | 108      | 114      | 29.57  | cps   |
| Ytterbium | 172-2 | 94       | 72       | 39       | 69       | 40.81  | cps   |
| Ytterbium | 176-1 | 1817     | 1500     | 1475     | 1597     | 11.92  | cps   |
| Ytterbium | 176-2 | 6218     | 6557     | 6502     | 6426     | 2.83   | cps   |
| Yttrium   | 89-1  | 16203156 | 17073286 | 17035721 | 16770721 | 2.93   | cps   |
| Yttrium   | 89-2  | 1834321  | 1902159  | 1852366  | 1862949  | 1.89   | cps   |
| Zinc      | 66-2  | 910      | 1067     | 947      | 974      | 8.41   | cps   |
| Zirconium | 90-1  | 5968     | 6460     | 6761     | 6397     | 6.26   | cps   |
| Zirconium | 91-1  | 1342     | 1367     | 1584     | 1431     | 9.29   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7689     | 7716     | 7894     | 7766     | 1.43   | cps   |
| Antimony   | 121-1 | 325      | 317      | 283      | 308      | 7.15   | cps   |
| Arsenic    | 75-2  | 11       | 15       | 4        | 10       | 55.68  | cps   |
| Barium     | 135-1 | 2792     | 2884     | 2717     | 2798     | 2.98   | cps   |
| Barium     | 137-1 | 4601     | 5134     | 4684     | 4807     | 5.97   | cps   |
| Beryllium  | 9-1   | 76       | 60       | 94       | 77       | 22.18  | cps   |
| Bismuth    | 209-1 | 6106166  | 6076068  | 6373927  | 6185387  | 2.65   | cps   |
| Bismuth    | 209-2 | 3481642  | 3447108  | 3492464  | 3473738  | 0.68   | cps   |
| Boron      | 10-1  | 28596    | 26952    | 24309    | 26619    | 8.12   | cps   |
| Boron      | 11-1  | 127770   | 116614   | 110959   | 118448   | 7.22   | cps   |
| Bromine    | 81-1  | 124553   | 112954   | 112732   | 116746   | 5.79   | cps   |
| Cadmium    | 111-1 | 4083     | 4563     | 4528     | 4391     | 6.09   | cps   |
| Cadmium    | 106-1 | 5676     | 6268     | 6210     | 6052     | 5.39   | cps   |
| Cadmium    | 108-1 | 88       | 83       | 63       | 78       | 17.22  | cps   |
| Calcium    | 43-1  | 3041     | 3047     | 2946     | 3012     | 1.88   | cps   |
| Calcium    | 44-1  | 56744    | 59325    | 58444    | 58171    | 2.26   | cps   |
| Carbon     | 12-1  | 16902827 | 17943430 | 18922023 | 17922760 | 5.63   | cps   |
| Carbon     | 12-2  | 184518   | 187528   | 191452   | 187833   | 1.85   | cps   |
| Chlorine   | 35-1  | 30904239 | 28566190 | 28136666 | 29202365 | 5.10   | cps   |
| Chlorine   | 35-2  | 205852   | 191556   | 185958   | 194455   | 5.28   | cps   |
| Chromium   | 52-2  | 1510     | 1350     | 1420     | 1427     | 5.62   | cps   |
| Cobalt     | 59-2  | 50       | 57       | 47       | 51       | 9.96   | cps   |
| Copper     | 63-2  | 2640     | 2490     | 2484     | 2538     | 3.49   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 92       | 142      | 83       | 106      | 29.89  | cps   |
| Erbium     | 164-2 | 40       | 60       | 47       | 49       | 20.83  | cps   |
| Gadolinium | 160-1 | 42       | 108      | 92       | 81       | 43.07  | cps   |
| Gadolinium | 160-2 | 93       | 80       | 100      | 91       | 11.18  | cps   |
| Holmium    | 165-1 | 11055813 | 10751612 | 11171865 | 10993097 | 1.97   | cps   |
| Holmium    | 165-2 | 4796818  | 4819575  | 4836643  | 4817679  | 0.41   | cps   |
| Indium     | 115-1 | 10444130 | 10163279 | 10953135 | 10520181 | 3.81   | cps   |
| Indium     | 115-2 | 1582675  | 1629098  | 1635073  | 1615615  | 1.78   | cps   |
| Iron       | 54-2  | 1678     | 1678     | 1834     | 1730     | 5.19   | cps   |
| Iron       | 56-2  | 23536    | 22123    | 22062    | 22574    | 3.70   | cps   |
| Iron       | 57-2  | 683      | 656      | 733      | 691      | 5.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11733    | 11378    | 11830    | 11647    | 2.04   | cps   |
| Lead       | 206-1 | 1417     | 1317     | 1428     | 1387     | 4.41   | cps   |
| Lead       | 207-1 | 972      | 1222     | 1061     | 1085     | 11.68  | cps   |
| Lead       | 208-1 | 5395     | 5339     | 5278     | 5338     | 1.09   | cps   |
| Lithium    | 6-1   | 10667154 | 10245361 | 10473175 | 10461896 | 2.02   | cps   |
| Magnesium  | 24-2  | 2100     | 2159     | 2384     | 2214     | 6.76   | cps   |
| Manganese  | 55-2  | 777      | 687      | 763      | 742      | 6.54   | cps   |
| Molybdenum | 94-1  | 583      | 392      | 458      | 478      | 20.37  | cps   |
| Molybdenum | 95-1  | 308      | 242      | 158      | 236      | 31.83  | cps   |
| Molybdenum | 96-1  | 625      | 625      | 650      | 633      | 2.28   | cps   |
| Molybdenum | 97-1  | 208      | 125      | 183      | 172      | 24.83  | cps   |
| Molybdenum | 98-1  | 458      | 458      | 467      | 461      | 1.04   | cps   |
| Neodymium  | 150-1 | 7        | 27       | 20       | 18       | 57.27  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 270      | 237      | 263      | 257      | 6.87   | cps   |
| Phosphorus | 31-2  | 83       | 175      | 292      | 183      | 56.95  | cps   |
| Potassium  | 39-2  | 30650    | 29714    | 30541    | 30302    | 1.69   | cps   |
| Rhodium    | 103-1 | 10418060 | 10257069 | 10484041 | 10386390 | 1.12   | cps   |
| Rhodium    | 103-2 | 4346489  | 4351425  | 4496348  | 4398087  | 1.94   | cps   |
| Scandium   | 45-1  | 9132934  | 9153649  | 9170940  | 9152508  | 0.21   | cps   |
| Scandium   | 45-2  | 271022   | 266971   | 274907   | 270967   | 1.46   | cps   |
| Selenium   | 82-1  | -218     | -213     | -191     | -207     | -6.73  | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 108      | 110      | 113      | 110      | 2.28   | cps   |
| Silicon    | 28-1  | 1757957  | 1795254  | 1830315  | 1794509  | 2.02   | cps   |
| Silver     | 107-1 | 558      | 525      | 408      | 497      | 15.84  | cps   |
| Silver     | 109-1 | 375      | 433      | 350      | 386      | 11.07  | cps   |
| Sodium     | 23-2  | 200617   | 183098   | 179152   | 187622   | 6.09   | cps   |
| Strontium  | 86-1  | 19706    | 19539    | 19839    | 19695    | 0.76   | cps   |
| Strontium  | 88-1  | 14149    | 14850    | 14383    | 14461    | 2.47   | cps   |
| Sulfur     | 34-1  | 454098   | 461244   | 453393   | 456245   | 0.95   | cps   |
| Terbium    | 159-1 | 11271250 | 11225974 | 11646846 | 11381357 | 2.03   | cps   |
| Terbium    | 159-2 | 4819810  | 4816891  | 4748130  | 4794944  | 0.85   | cps   |
| Thallium   | 203-1 | 1233     | 1083     | 908      | 1075     | 15.13  | cps   |
| Thallium   | 205-1 | 2825     | 2434     | 2325     | 2528     | 10.41  | cps   |
| Tin        | 118-1 | 5901     | 6068     | 5543     | 5838     | 4.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-5R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:08:45 | DataFile Name :   | 042AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 692      | 625      | 692      | 669      | 5.75   | cps   |
| Uranium   | 238-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Vanadium  | 51-2  | 20       | 60       | 47       | 42       | 48.24  | cps   |
| Ytterbium | 172-1 | 67       | 58       | 33       | 53       | 32.87  | cps   |
| Ytterbium | 172-2 | 44       | 39       | 39       | 41       | 7.88   | cps   |
| Ytterbium | 176-1 | 1784     | 1558     | 1792     | 1711     | 7.74   | cps   |
| Ytterbium | 176-2 | 6552     | 6774     | 6952     | 6759     | 2.97   | cps   |
| Yttrium   | 89-1  | 18560967 | 18385428 | 18201140 | 18382512 | 0.98   | cps   |
| Yttrium   | 89-2  | 1972772  | 1979431  | 1983314  | 1978506  | 0.27   | cps   |
| Zinc      | 66-2  | 1327     | 1293     | 1273     | 1298     | 2.08   | cps   |
| Zirconium | 90-1  | 883      | 1217     | 1050     | 1050     | 15.87  | cps   |
| Zirconium | 91-1  | 250      | 133      | 175      | 186      | 31.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33172    | 33682    | 33224    | 33359    | 0.84   | cps   |
| Antimony   | 121-1 | 292      | 350      | 417      | 353      | 17.73  | cps   |
| Arsenic    | 75-2  | 69       | 65       | 90       | 75       | 17.98  | cps   |
| Barium     | 135-1 | 832109   | 817343   | 827430   | 825628   | 0.91   | cps   |
| Barium     | 137-1 | 1456694  | 1380001  | 1435762  | 1424152  | 2.78   | cps   |
| Beryllium  | 9-1   | 896      | 984      | 968      | 949      | 4.94   | cps   |
| Bismuth    | 209-1 | 5576488  | 5631995  | 5485879  | 5564787  | 1.33   | cps   |
| Bismuth    | 209-2 | 3085936  | 3111620  | 3116390  | 3104649  | 0.53   | cps   |
| Boron      | 10-1  | 50633    | 52026    | 52188    | 51616    | 1.66   | cps   |
| Boron      | 11-1  | 220503   | 226844   | 232226   | 226525   | 2.59   | cps   |
| Bromine    | 81-1  | 183049   | 192905   | 205795   | 193917   | 5.88   | cps   |
| Cadmium    | 111-1 | 9940     | 9563     | 9934     | 9812     | 2.20   | cps   |
| Cadmium    | 106-1 | 6602     | 6177     | 6552     | 6443     | 3.61   | cps   |
| Cadmium    | 108-1 | 517      | 404      | 433      | 451      | 12.93  | cps   |
| Calcium    | 43-1  | 2910206  | 2979215  | 3053154  | 2980858  | 2.40   | cps   |
| Calcium    | 44-1  | 46397377 | 48065396 | 47890443 | 47451072 | 1.93   | cps   |
| Carbon     | 12-1  | 17193970 | 18207110 | 19153656 | 18184912 | 5.39   | cps   |
| Carbon     | 12-2  | 191075   | 192315   | 191337   | 191576   | 0.34   | cps   |
| Chlorine   | 35-1  | 25162848 | 27504694 | 30044088 | 27570544 | 8.85   | cps   |
| Chlorine   | 35-2  | 216950   | 219937   | 223347   | 220078   | 1.45   | cps   |
| Chromium   | 52-2  | 115614   | 115993   | 113463   | 115023   | 1.19   | cps   |
| Cobalt     | 59-2  | 48917    | 48556    | 48091    | 48521    | 0.85   | cps   |
| Copper     | 63-2  | 4057     | 4084     | 3931     | 4024     | 2.04   | cps   |
| Dysprosium | 156-1 | 5118     | 5034     | 5210     | 5121     | 1.71   | cps   |
| Dysprosium | 156-2 | 1800     | 1767     | 1820     | 1796     | 1.50   | cps   |
| Erbium     | 164-1 | 3559     | 4167     | 3701     | 3809     | 8.36   | cps   |
| Erbium     | 164-2 | 1480     | 1650     | 1633     | 1588     | 5.90   | cps   |
| Gadolinium | 160-1 | 3876     | 4293     | 3892     | 4020     | 5.87   | cps   |
| Gadolinium | 160-2 | 2054     | 1930     | 1957     | 1980     | 3.28   | cps   |
| Holmium    | 165-1 | 10861098 | 10950596 | 10583848 | 10798514 | 1.77   | cps   |
| Holmium    | 165-2 | 4923090  | 4750066  | 4743878  | 4805678  | 2.12   | cps   |
| Indium     | 115-1 | 10261622 | 10146648 | 10005671 | 10137980 | 1.26   | cps   |
| Indium     | 115-2 | 1593538  | 1606960  | 1586953  | 1595817  | 0.64   | cps   |
| Iron       | 54-2  | 55379    | 55402    | 55335    | 55372    | 0.06   | cps   |
| Iron       | 56-2  | 931286   | 934950   | 928789   | 931675   | 0.33   | cps   |
| Iron       | 57-2  | 27454    | 27466    | 27187    | 27369    | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11296     | 11336     | 11312     | 11314     | 0.18   | cps   |
| Lead       | 206-1 | 3878      | 4028      | 4179      | 4028      | 3.72   | cps   |
| Lead       | 207-1 | 3484      | 3467      | 3378      | 3443      | 1.65   | cps   |
| Lead       | 208-1 | 15621     | 16265     | 15771     | 15886     | 2.12   | cps   |
| Lithium    | 6-1   | 10243253  | 9906399   | 10449345  | 10199665  | 2.69   | cps   |
| Magnesium  | 24-2  | 11377427  | 11670928  | 11867808  | 11638721  | 2.12   | cps   |
| Manganese  | 55-2  | 717632    | 719675    | 708036    | 715114    | 0.87   | cps   |
| Molybdenum | 94-1  | 1875      | 1608      | 1909      | 1797      | 9.15   | cps   |
| Molybdenum | 95-1  | 1442      | 1208      | 1483      | 1378      | 10.76  | cps   |
| Molybdenum | 96-1  | 1783      | 1608      | 1883      | 1758      | 7.92   | cps   |
| Molybdenum | 97-1  | 775       | 825       | 783       | 794       | 3.37   | cps   |
| Molybdenum | 98-1  | 2059      | 1875      | 1867      | 1934      | 5.60   | cps   |
| Neodymium  | 150-1 | 8149      | 7896      | 7342      | 7796      | 5.29   | cps   |
| Neodymium  | 150-2 | 2477      | 2457      | 2394      | 2442      | 1.78   | cps   |
| Nickel     | 60-2  | 111057    | 110855    | 109059    | 110323    | 1.00   | cps   |
| Phosphorus | 31-2  | 208       | 175       | 158       | 181       | 14.10  | cps   |
| Potassium  | 39-2  | 690847    | 682351    | 684844    | 686014    | 0.64   | cps   |
| Rhodium    | 103-1 | 10135770  | 9861729   | 9723760   | 9907086   | 2.12   | cps   |
| Rhodium    | 103-2 | 4194582   | 4226367   | 4199763   | 4206904   | 0.41   | cps   |
| Scandium   | 45-1  | 9290894   | 9425052   | 9125804   | 9280584   | 1.62   | cps   |
| Scandium   | 45-2  | 271595    | 269783    | 268784    | 270054    | 0.53   | cps   |
| Selenium   | 82-1  | 166       | 44        | -46       | 55        | 195.47 | cps   |
| Selenium   | 77-2  | 13        | 7         | 17        | 12        | 41.65  | cps   |
| Selenium   | 78-2  | 156       | 157       | 119       | 144       | 15.04  | cps   |
| Silicon    | 28-1  | 80036487  | 78018889  | 79926339  | 79327239  | 1.43   | cps   |
| Silver     | 107-1 | 1008      | 1000      | 1225      | 1078      | 11.84  | cps   |
| Silver     | 109-1 | 1083      | 1050      | 1125      | 1086      | 3.46   | cps   |
| Sodium     | 23-2  | 148674262 | 147194166 | 144675095 | 146847841 | 1.38   | cps   |
| Strontium  | 86-1  | 1885074   | 1800428   | 1782698   | 1822733   | 3.00   | cps   |
| Strontium  | 88-1  | 15524143  | 15332973  | 14850037  | 15235718  | 2.28   | cps   |
| Sulfur     | 34-1  | 1041129   | 1036484   | 1072132   | 1049915   | 1.85   | cps   |
| Terbium    | 159-1 | 11641225  | 11180425  | 11254170  | 11358607  | 2.18   | cps   |
| Terbium    | 159-2 | 4761087   | 4780302   | 4611923   | 4717771   | 1.95   | cps   |
| Thallium   | 203-1 | 1083      | 967       | 1075      | 1042      | 6.25   | cps   |
| Thallium   | 205-1 | 2642      | 2375      | 2742      | 2586      | 7.33   | cps   |
| Tin        | 118-1 | 5843      | 6110      | 5976      | 5976      | 2.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-7R               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:11:47 | DataFile Name :   | 043AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9245     | 9212     | 9737     | 9398     | 3.13   | cps   |
| Uranium   | 238-1 | 2067     | 1784     | 1834     | 1895     | 7.98   | cps   |
| Vanadium  | 51-2  | 1260     | 1263     | 1240     | 1255     | 1.01   | cps   |
| Ytterbium | 172-1 | 1325     | 1217     | 1433     | 1325     | 8.18   | cps   |
| Ytterbium | 172-2 | 767      | 600      | 644      | 670      | 12.87  | cps   |
| Ytterbium | 176-1 | 2475     | 2375     | 2434     | 2428     | 2.07   | cps   |
| Ytterbium | 176-2 | 7052     | 7447     | 7591     | 7363     | 3.79   | cps   |
| Yttrium   | 89-1  | 18534520 | 18116437 | 17833466 | 18161475 | 1.94   | cps   |
| Yttrium   | 89-2  | 1942700  | 1920002  | 1983358  | 1948687  | 1.65   | cps   |
| Zinc      | 66-2  | 58253    | 58537    | 58591    | 58460    | 0.31   | cps   |
| Zirconium | 90-1  | 2950     | 3159     | 2834     | 2981     | 5.52   | cps   |
| Zirconium | 91-1  | 600      | 583      | 692      | 625      | 9.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 642839    | 643136    | 632708    | 639561    | 0.93   | cps   |
| Antimony   | 121-1 | 800       | 1158      | 1367      | 1108      | 25.86  | cps   |
| Arsenic    | 75-2  | 1415      | 1423      | 1446      | 1428      | 1.13   | cps   |
| Barium     | 135-1 | 2645624   | 2521066   | 2505282   | 2557324   | 3.01   | cps   |
| Barium     | 137-1 | 4499459   | 4513279   | 4251943   | 4421560   | 3.33   | cps   |
| Beryllium  | 9-1   | 11470     | 11396     | 11294     | 11387     | 0.78   | cps   |
| Bismuth    | 209-1 | 4919457   | 4987746   | 4836939   | 4914714   | 1.54   | cps   |
| Bismuth    | 209-2 | 2276626   | 2837750   | 2796277   | 2636884   | 11.86  | cps   |
| Boron      | 10-1  | 35714     | 36707     | 35893     | 36105     | 1.46   | cps   |
| Boron      | 11-1  | 164605    | 165033    | 164348    | 164662    | 0.21   | cps   |
| Bromine    | 81-1  | 669079    | 751646    | 774777    | 731834    | 7.59   | cps   |
| Cadmium    | 111-1 | 29005     | 29944     | 29536     | 29495     | 1.60   | cps   |
| Cadmium    | 106-1 | 12022     | 12272     | 11864     | 12053     | 1.71   | cps   |
| Cadmium    | 108-1 | 1575      | 1700      | 1654      | 1643      | 3.85   | cps   |
| Calcium    | 43-1  | 10381204  | 10364472  | 10533733  | 10426470  | 0.89   | cps   |
| Calcium    | 44-1  | 171076896 | 165617368 | 171036711 | 169243658 | 1.86   | cps   |
| Carbon     | 12-1  | 18101364  | 19521634  | 20422212  | 19348404  | 6.05   | cps   |
| Carbon     | 12-2  | 205938    | 210152    | 212233    | 209441    | 1.53   | cps   |
| Chlorine   | 35-1  | 87489989  | 104056829 | 116525765 | 102690861 | 14.18  | cps   |
| Chlorine   | 35-2  | 910128    | 944735    | 978388    | 944417    | 3.61   | cps   |
| Chromium   | 52-2  | 319871    | 316082    | 314227    | 316727    | 0.91   | cps   |
| Cobalt     | 59-2  | 477579    | 476421    | 472256    | 475419    | 0.59   | cps   |
| Copper     | 63-2  | 8813      | 8843      | 8696      | 8784      | 0.88   | cps   |
| Dysprosium | 156-1 | 393006    | 382000    | 388465    | 387823    | 1.43   | cps   |
| Dysprosium | 156-2 | 153437    | 151137    | 152865    | 152479    | 0.79   | cps   |
| Erbium     | 164-1 | 316208    | 314707    | 299082    | 309999    | 3.06   | cps   |
| Erbium     | 164-2 | 135640    | 131839    | 130048    | 132509    | 2.15   | cps   |
| Gadolinium | 160-1 | 338233    | 343584    | 330425    | 337414    | 1.96   | cps   |
| Gadolinium | 160-2 | 164428    | 161571    | 157561    | 161187    | 2.14   | cps   |
| Holmium    | 165-1 | 11152547  | 10752155  | 10420153  | 10774952  | 3.40   | cps   |
| Holmium    | 165-2 | 3689944   | 4852769   | 4897839   | 4480184   | 15.28  | cps   |
| Indium     | 115-1 | 9477202   | 9452238   | 9312988   | 9414143   | 0.94   | cps   |
| Indium     | 115-2 | 1135661   | 1488551   | 1492668   | 1372293   | 14.93  | cps   |
| Iron       | 54-2  | 59312     | 59217     | 57560     | 58696     | 1.68   | cps   |
| Iron       | 56-2  | 865150    | 864757    | 851874    | 860594    | 0.88   | cps   |
| Iron       | 57-2  | 35829     | 35311     | 35717     | 35619     | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 12152     | 12510     | 12539     | 12401     | 1.74   | cps   |
| Lead       | 206-1 | 7808      | 8131      | 7953      | 7964      | 2.03   | cps   |
| Lead       | 207-1 | 6618      | 6996      | 6885      | 6833      | 2.84   | cps   |
| Lead       | 208-1 | 30798     | 31782     | 31310     | 31297     | 1.57   | cps   |
| Lithium    | 6-1   | 10467614  | 10430116  | 10273385  | 10390372  | 0.99   | cps   |
| Magnesium  | 24-2  | 46143175  | 46299389  | 46355719  | 46266094  | 0.24   | cps   |
| Manganese  | 55-2  | 2302290   | 2307946   | 2294185   | 2301474   | 0.30   | cps   |
| Molybdenum | 94-1  | 2134      | 1950      | 2242      | 2109      | 6.99   | cps   |
| Molybdenum | 95-1  | 2450      | 2417      | 2367      | 2411      | 1.74   | cps   |
| Molybdenum | 96-1  | 2642      | 2400      | 2592      | 2545      | 5.01   | cps   |
| Molybdenum | 97-1  | 1408      | 1367      | 1433      | 1403      | 2.40   | cps   |
| Molybdenum | 98-1  | 3901      | 3642      | 3626      | 3723      | 4.14   | cps   |
| Neodymium  | 150-1 | 447688    | 452786    | 439035    | 446503    | 1.56   | cps   |
| Neodymium  | 150-2 | 147966    | 145835    | 145237    | 146346    | 0.98   | cps   |
| Nickel     | 60-2  | 507219    | 495448    | 489237    | 497301    | 1.84   | cps   |
| Phosphorus | 31-2  | 175       | 317       | 158       | 217       | 40.15  | cps   |
| Potassium  | 39-2  | 4510721   | 4406718   | 4553902   | 4490447   | 1.68   | cps   |
| Rhodium    | 103-1 | 9313889   | 8879474   | 9117109   | 9103491   | 2.39   | cps   |
| Rhodium    | 103-2 | 2909666   | 3707024   | 3843196   | 3486629   | 14.46  | cps   |
| Scandium   | 45-1  | 9268032   | 9453529   | 9208651   | 9310070   | 1.37   | cps   |
| Scandium   | 45-2  | 202988    | 274544    | 274408    | 250647    | 16.47  | cps   |
| Selenium   | 82-1  | 617       | 309       | 403       | 443       | 35.62  | cps   |
| Selenium   | 77-2  | 657       | 687       | 643       | 662       | 3.35   | cps   |
| Selenium   | 78-2  | 816       | 792       | 787       | 798       | 1.94   | cps   |
| Silicon    | 28-1  | 57976437  | 58820176  | 57354343  | 58050319  | 1.27   | cps   |
| Silver     | 107-1 | 17437     | 17637     | 17437     | 17503     | 0.66   | cps   |
| Silver     | 109-1 | 16027     | 16694     | 15759     | 16160     | 2.98   | cps   |
| Sodium     | 23-2  | 598705180 | 587562663 | 594871880 | 593713241 | 0.95   | cps   |
| Strontium  | 86-1  | 8028609   | 8049594   | 8277156   | 8118453   | 1.70   | cps   |
| Strontium  | 88-1  | 68989783  | 68761868  | 69268422  | 69006691  | 0.37   | cps   |
| Sulfur     | 34-1  | 500308    | 515741    | 524456    | 513501    | 2.38   | cps   |
| Terbium    | 159-1 | 11387697  | 10933242  | 11124250  | 11148396  | 2.05   | cps   |
| Terbium    | 159-2 | 3592558   | 4704005   | 4689789   | 4328784   | 14.73  | cps   |
| Thallium   | 203-1 | 2500      | 2550      | 2525      | 2525      | 0.99   | cps   |
| Thallium   | 205-1 | 6785      | 6927      | 6518      | 6744      | 3.08   | cps   |
| Tin        | 118-1 | 3342      | 3659      | 3609      | 3537      | 4.82   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12R              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:14:42 | DataFile Name :   | 044AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9137     | 9003     | 9620     | 9253     | 3.51   | cps   |
| Uranium   | 238-1 | 32593    | 34047    | 32025    | 32888    | 3.17   | cps   |
| Vanadium  | 51-2  | 2734     | 3114     | 2950     | 2933     | 6.50   | cps   |
| Ytterbium | 172-1 | 89784    | 92617    | 90167    | 90856    | 1.69   | cps   |
| Ytterbium | 172-2 | 45055    | 45078    | 44208    | 44780    | 1.11   | cps   |
| Ytterbium | 176-1 | 58298    | 57652    | 55276    | 57075    | 2.79   | cps   |
| Ytterbium | 176-2 | 34462    | 36328    | 34624    | 35138    | 2.94   | cps   |
| Yttrium   | 89-1  | 29232742 | 29499139 | 29889079 | 29540320 | 1.12   | cps   |
| Yttrium   | 89-2  | 2751095  | 3165206  | 3143300  | 3019867  | 7.72   | cps   |
| Zinc      | 66-2  | 386852   | 388426   | 384767   | 386682   | 0.47   | cps   |
| Zirconium | 90-1  | 2292     | 3260     | 2634     | 2728     | 17.99  | cps   |
| Zirconium | 91-1  | 650      | 600      | 550      | 600      | 8.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 22649     | 22823     | 22831     | 22767     | 0.45   | cps   |
| Antimony   | 121-1 | 2292      | 2917      | 2925      | 2711      | 13.40  | cps   |
| Arsenic    | 75-2  | 120       | 95        | 108       | 108       | 11.61  | cps   |
| Barium     | 135-1 | 672236    | 670187    | 669843    | 670755    | 0.19   | cps   |
| Barium     | 137-1 | 1146974   | 1145423   | 1175688   | 1156028   | 1.47   | cps   |
| Beryllium  | 9-1   | 74        | 58        | 98        | 77        | 26.26  | cps   |
| Bismuth    | 209-1 | 4389407   | 4397049   | 4413642   | 4400033   | 0.28   | cps   |
| Bismuth    | 209-2 | 2717924   | 2680906   | 2771559   | 2723463   | 1.67   | cps   |
| Boron      | 10-1  | 1584633   | 1625241   | 1670690   | 1626854   | 2.65   | cps   |
| Boron      | 11-1  | 7132114   | 7392678   | 7907867   | 7477553   | 5.28   | cps   |
| Bromine    | 81-1  | 484271    | 518726    | 532970    | 511989    | 4.89   | cps   |
| Cadmium    | 111-1 | 5543      | 5441      | 5489      | 5491      | 0.93   | cps   |
| Cadmium    | 106-1 | 5743      | 5660      | 5760      | 5721      | 0.94   | cps   |
| Cadmium    | 108-1 | 158       | 179       | 163       | 167       | 6.61   | cps   |
| Calcium    | 43-1  | 13611580  | 13564457  | 13690309  | 13622115  | 0.47   | cps   |
| Calcium    | 44-1  | 221182558 | 217820533 | 227507877 | 222170322 | 2.21   | cps   |
| Carbon     | 12-1  | 19963106  | 21514337  | 22022811  | 21166752  | 5.07   | cps   |
| Carbon     | 12-2  | 217932    | 223829    | 224446    | 222069    | 1.62   | cps   |
| Chlorine   | 35-1  | 155858278 | 175338641 | 191783050 | 174326657 | 10.32  | cps   |
| Chlorine   | 35-2  | 1596128   | 1619095   | 1718779   | 1644667   | 3.96   | cps   |
| Chromium   | 52-2  | 134924    | 134491    | 133167    | 134194    | 0.68   | cps   |
| Cobalt     | 59-2  | 9914      | 9830      | 10220     | 9988      | 2.06   | cps   |
| Copper     | 63-2  | 46182     | 47590     | 46697     | 46823     | 1.52   | cps   |
| Dysprosium | 156-1 | 600       | 517       | 617       | 578       | 9.27   | cps   |
| Dysprosium | 156-2 | 210       | 270       | 227       | 236       | 13.15  | cps   |
| Erbium     | 164-1 | 592       | 617       | 750       | 653       | 13.04  | cps   |
| Erbium     | 164-2 | 267       | 297       | 270       | 278       | 5.92   | cps   |
| Gadolinium | 160-1 | 600       | 542       | 692       | 611       | 12.37  | cps   |
| Gadolinium | 160-2 | 360       | 323       | 347       | 343       | 5.41   | cps   |
| Holmium    | 165-1 | 9574042   | 9695718   | 9374406   | 9548056   | 1.70   | cps   |
| Holmium    | 165-2 | 4610865   | 4471792   | 4699454   | 4594037   | 2.50   | cps   |
| Indium     | 115-1 | 8845417   | 8778285   | 8925943   | 8849881   | 0.84   | cps   |
| Indium     | 115-2 | 1488727   | 1437415   | 1450682   | 1458942   | 1.83   | cps   |
| Iron       | 54-2  | 176555    | 177725    | 177035    | 177105    | 0.33   | cps   |
| Iron       | 56-2  | 3138167   | 3245106   | 3246764   | 3210012   | 1.94   | cps   |
| Iron       | 57-2  | 94959     | 95401     | 98013     | 96124     | 1.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Krypton    | 83-1  | 12150      | 12141      | 12031      | 12107      | 0.55   | cps   |
| Lead       | 206-1 | 3673       | 4001       | 3962       | 3878       | 4.62   | cps   |
| Lead       | 207-1 | 2800       | 2823       | 3328       | 2984       | 10.01  | cps   |
| Lead       | 208-1 | 13931      | 13914      | 15004      | 14283      | 4.37   | cps   |
| Lithium    | 6-1   | 9928966    | 10019372   | 9925481    | 9957940    | 0.53   | cps   |
| Magnesium  | 24-2  | 16038927   | 16224550   | 16545412   | 16269630   | 1.57   | cps   |
| Manganese  | 55-2  | 306893     | 307401     | 308704     | 307666     | 0.30   | cps   |
| Molybdenum | 94-1  | 12172      | 12181      | 12506      | 12286      | 1.55   | cps   |
| Molybdenum | 95-1  | 18596      | 17795      | 18029      | 18140      | 2.27   | cps   |
| Molybdenum | 96-1  | 19114      | 19881      | 19973      | 19656      | 2.40   | cps   |
| Molybdenum | 97-1  | 10688      | 11372      | 11405      | 11155      | 3.63   | cps   |
| Molybdenum | 98-1  | 28021      | 29323      | 29774      | 29039      | 3.14   | cps   |
| Neodymium  | 150-1 | 1007       | 880        | 1033       | 973        | 8.42   | cps   |
| Neodymium  | 150-2 | 333        | 287        | 307        | 309        | 7.58   | cps   |
| Nickel     | 60-2  | 50827      | 51690      | 51329      | 51282      | 0.85   | cps   |
| Phosphorus | 31-2  | 267        | 292        | 258        | 272        | 6.37   | cps   |
| Potassium  | 39-2  | 2639442    | 2713360    | 2720470    | 2691090    | 1.67   | cps   |
| Rhodium    | 103-1 | 8071851    | 8551417    | 8130866    | 8251378    | 3.17   | cps   |
| Rhodium    | 103-2 | 3737391    | 3614644    | 3741715    | 3697917    | 1.95   | cps   |
| Scandium   | 45-1  | 8748074    | 8816212    | 8740228    | 8768172    | 0.48   | cps   |
| Scandium   | 45-2  | 271186     | 270539     | 271863     | 271196     | 0.24   | cps   |
| Selenium   | 82-1  | -593       | -829       | -500       | -641       | -26.47 | cps   |
| Selenium   | 77-2  | 7          | 13         | 10         | 10         | 33.30  | cps   |
| Selenium   | 78-2  | 145        | 155        | 150        | 150        | 3.33   | cps   |
| Silicon    | 28-1  | 73425268   | 72685037   | 76202437   | 74104247   | 2.50   | cps   |
| Silver     | 107-1 | 1125       | 1067       | 1117       | 1103       | 2.86   | cps   |
| Silver     | 109-1 | 1158       | 1342       | 942        | 1147       | 17.45  | cps   |
| Sodium     | 23-2  | 1114275958 | 1111900592 | 1136173659 | 1120783403 | 1.19   | cps   |
| Strontium  | 86-1  | 8162042    | 8182422    | 8361455    | 8235306    | 1.33   | cps   |
| Strontium  | 88-1  | 70338806   | 70972406   | 69595243   | 70302152   | 0.98   | cps   |
| Sulfur     | 34-1  | 2533757    | 2560485    | 2546000    | 2546747    | 0.53   | cps   |
| Terbium    | 159-1 | 9855938    | 10031515   | 10238044   | 10041833   | 1.90   | cps   |
| Terbium    | 159-2 | 4456044    | 4435788    | 4467905    | 4453245    | 0.36   | cps   |
| Thallium   | 203-1 | 1292       | 1133       | 1242       | 1222       | 6.62   | cps   |
| Thallium   | 205-1 | 3234       | 3226       | 3292       | 3251       | 1.12   | cps   |
| Tin        | 118-1 | 5718       | 6827       | 7052       | 6532       | 10.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:17:39 | DataFile Name :   | 045AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 19146    | 19640    | 20208    | 19665    | 2.70   | cps   |
| Uranium   | 238-1 | 133194   | 138045   | 137142   | 136127   | 1.90   | cps   |
| Vanadium  | 51-2  | 5478     | 5301     | 5324     | 5368     | 1.79   | cps   |
| Ytterbium | 172-1 | 1075     | 1258     | 1258     | 1197     | 8.84   | cps   |
| Ytterbium | 172-2 | 644      | 639      | 639      | 641      | 0.50   | cps   |
| Ytterbium | 176-1 | 2084     | 2234     | 2225     | 2181     | 3.87   | cps   |
| Ytterbium | 176-2 | 6996     | 6991     | 7269     | 7085     | 2.24   | cps   |
| Yttrium   | 89-1  | 16004937 | 16975311 | 16698771 | 16559673 | 3.02   | cps   |
| Yttrium   | 89-2  | 1964121  | 1894533  | 1958861  | 1939171  | 2.00   | cps   |
| Zinc      | 66-2  | 2277     | 2297     | 2324     | 2299     | 1.02   | cps   |
| Zirconium | 90-1  | 5201     | 5251     | 5326     | 5260     | 1.20   | cps   |
| Zirconium | 91-1  | 1175     | 1083     | 1058     | 1106     | 5.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 22934     | 22372     | 22253     | 22520     | 1.61   | cps   |
| Antimony   | 121-1 | 2750      | 3017      | 2842      | 2870      | 4.72   | cps   |
| Arsenic    | 75-2  | 118       | 97        | 99        | 105       | 11.07  | cps   |
| Barium     | 135-1 | 707583    | 674466    | 688602    | 690217    | 2.41   | cps   |
| Barium     | 137-1 | 1212811   | 1208988   | 1204356   | 1208718   | 0.35   | cps   |
| Beryllium  | 9-1   | 108       | 100       | 84        | 97        | 12.56  | cps   |
| Bismuth    | 209-1 | 4448334   | 4505482   | 4546897   | 4500238   | 1.10   | cps   |
| Bismuth    | 209-2 | 2728884   | 2698193   | 2579945   | 2669007   | 2.95   | cps   |
| Boron      | 10-1  | 1676598   | 1741745   | 1821662   | 1746668   | 4.16   | cps   |
| Boron      | 11-1  | 7553838   | 7883171   | 8285571   | 7907527   | 4.63   | cps   |
| Bromine    | 81-1  | 461725    | 491981    | 499158    | 484288    | 4.10   | cps   |
| Cadmium    | 111-1 | 5716      | 5744      | 5366      | 5609      | 3.75   | cps   |
| Cadmium    | 106-1 | 6185      | 6010      | 5668      | 5954      | 4.41   | cps   |
| Cadmium    | 108-1 | 204       | 192       | 175       | 190       | 7.69   | cps   |
| Calcium    | 43-1  | 14009991  | 14213666  | 14167031  | 14130230  | 0.76   | cps   |
| Calcium    | 44-1  | 233095368 | 231502313 | 227602850 | 230733510 | 1.22   | cps   |
| Carbon     | 12-1  | 19549852  | 20512454  | 21361681  | 20474662  | 4.43   | cps   |
| Carbon     | 12-2  | 217467    | 217121    | 219982    | 218190    | 0.72   | cps   |
| Chlorine   | 35-1  | 163816874 | 184357396 | 190915767 | 179696679 | 7.87   | cps   |
| Chlorine   | 35-2  | 1545955   | 1573016   | 1605555   | 1574842   | 1.89   | cps   |
| Chromium   | 52-2  | 143873    | 141778    | 141732    | 142461    | 0.86   | cps   |
| Cobalt     | 59-2  | 10451     | 10097     | 9547      | 10031     | 4.54   | cps   |
| Copper     | 63-2  | 44536     | 43500     | 43483     | 43840     | 1.38   | cps   |
| Dysprosium | 156-1 | 650       | 550       | 600       | 600       | 8.33   | cps   |
| Dysprosium | 156-2 | 270       | 233       | 180       | 228       | 19.87  | cps   |
| Erbium     | 164-1 | 667       | 717       | 642       | 675       | 5.66   | cps   |
| Erbium     | 164-2 | 277       | 217       | 317       | 270       | 18.64  | cps   |
| Gadolinium | 160-1 | 725       | 525       | 600       | 617       | 16.38  | cps   |
| Gadolinium | 160-2 | 337       | 337       | 347       | 340       | 1.70   | cps   |
| Holmium    | 165-1 | 9665728   | 9982084   | 9673308   | 9773707   | 1.85   | cps   |
| Holmium    | 165-2 | 4622003   | 4668330   | 4556466   | 4615599   | 1.22   | cps   |
| Indium     | 115-1 | 9199759   | 9319992   | 9204006   | 9241253   | 0.74   | cps   |
| Indium     | 115-2 | 1448487   | 1431230   | 1449209   | 1442976   | 0.71   | cps   |
| Iron       | 54-2  | 179538    | 176755    | 175095    | 177129    | 1.27   | cps   |
| Iron       | 56-2  | 3229898   | 3274975   | 3181281   | 3228718   | 1.45   | cps   |
| Iron       | 57-2  | 96090     | 95378     | 93712     | 95060     | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Krypton    | 83-1  | 12239      | 12057      | 12195      | 12164      | 0.78   | cps   |
| Lead       | 206-1 | 2934       | 3050       | 3273       | 3086       | 5.58   | cps   |
| Lead       | 207-1 | 2723       | 2428       | 2645       | 2598       | 5.87   | cps   |
| Lead       | 208-1 | 11958      | 11780      | 12375      | 12038      | 2.54   | cps   |
| Lithium    | 6-1   | 10145981   | 10119950   | 10291455   | 10185796   | 0.91   | cps   |
| Magnesium  | 24-2  | 16050199   | 15887898   | 15855139   | 15931078   | 0.66   | cps   |
| Manganese  | 55-2  | 311047     | 305968     | 306420     | 307811     | 0.91   | cps   |
| Molybdenum | 94-1  | 12389      | 13243      | 12297      | 12643      | 4.12   | cps   |
| Molybdenum | 95-1  | 18379      | 18262      | 18638      | 18427      | 1.04   | cps   |
| Molybdenum | 96-1  | 19865      | 20842      | 20933      | 20547      | 2.88   | cps   |
| Molybdenum | 97-1  | 11497      | 11980      | 11789      | 11755      | 2.07   | cps   |
| Molybdenum | 98-1  | 29958      | 29315      | 29123      | 29465      | 1.48   | cps   |
| Neodymium  | 150-1 | 967        | 833        | 1000       | 933        | 9.45   | cps   |
| Neodymium  | 150-2 | 317        | 273        | 313        | 301        | 8.01   | cps   |
| Nickel     | 60-2  | 49620      | 49218      | 48482      | 49107      | 1.17   | cps   |
| Phosphorus | 31-2  | 233        | 208        | 217        | 219        | 5.80   | cps   |
| Potassium  | 39-2  | 2713247    | 2701724    | 2617177    | 2677382    | 1.96   | cps   |
| Rhodium    | 103-1 | 8429262    | 8564117    | 8562508    | 8518629    | 0.91   | cps   |
| Rhodium    | 103-2 | 3650420    | 3752829    | 3609481    | 3670910    | 2.01   | cps   |
| Scandium   | 45-1  | 9204019    | 9185788    | 9298936    | 9229581    | 0.66   | cps   |
| Scandium   | 45-2  | 270534     | 271641     | 270998     | 271058     | 0.21   | cps   |
| Selenium   | 82-1  | -632       | -281       | -932       | -615       | -52.93 | cps   |
| Selenium   | 77-2  | 17         | 20         | 0          | 12         | 87.67  | cps   |
| Selenium   | 78-2  | 147        | 133        | 133        | 138        | 5.87   | cps   |
| Silicon    | 28-1  | 75826541   | 76608427   | 75036245   | 75823738   | 1.04   | cps   |
| Silver     | 107-1 | 1175       | 1317       | 1108       | 1200       | 8.87   | cps   |
| Silver     | 109-1 | 1275       | 883        | 1133       | 1097       | 18.07  | cps   |
| Sodium     | 23-2  | 1131484392 | 1122000858 | 1139082359 | 1130855870 | 0.76   | cps   |
| Strontium  | 86-1  | 8537267    | 8471270    | 8476831    | 8495123    | 0.43   | cps   |
| Strontium  | 88-1  | 73331545   | 73176691   | 72314791   | 72941009   | 0.75   | cps   |
| Sulfur     | 34-1  | 2610793    | 2602033    | 2592336    | 2601721    | 0.35   | cps   |
| Terbium    | 159-1 | 10478354   | 10347074   | 10563885   | 10463104   | 1.04   | cps   |
| Terbium    | 159-2 | 4508235    | 4502486    | 4507158    | 4505959    | 0.07   | cps   |
| Thallium   | 203-1 | 1300       | 1292       | 1125       | 1239       | 7.97   | cps   |
| Thallium   | 205-1 | 2917       | 3309       | 2917       | 3048       | 7.42   | cps   |
| Tin        | 118-1 | 6593       | 7452       | 7802       | 7283       | 8.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13DUP            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:20:32 | DataFile Name :   | 046AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 20368    | 19582    | 18788    | 19579    | 4.04   | cps   |
| Uranium   | 238-1 | 136458   | 140095   | 141581   | 139378   | 1.89   | cps   |
| Vanadium  | 51-2  | 5424     | 5284     | 5354     | 5354     | 1.31   | cps   |
| Ytterbium | 172-1 | 1150     | 1083     | 1317     | 1183     | 10.16  | cps   |
| Ytterbium | 172-2 | 628      | 622      | 539      | 596      | 8.35   | cps   |
| Ytterbium | 176-1 | 2384     | 2342     | 2267     | 2331     | 2.54   | cps   |
| Ytterbium | 176-2 | 6657     | 6874     | 7408     | 6980     | 5.53   | cps   |
| Yttrium   | 89-1  | 17588455 | 17487685 | 18032163 | 17702768 | 1.64   | cps   |
| Yttrium   | 89-2  | 1898027  | 1879924  | 1858525  | 1878825  | 1.05   | cps   |
| Zinc      | 66-2  | 1920     | 1920     | 1910     | 1917     | 0.30   | cps   |
| Zirconium | 90-1  | 5043     | 4209     | 4643     | 4632     | 9.00   | cps   |
| Zirconium | 91-1  | 992      | 967      | 908      | 956      | 4.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4878     | 4922     | 4784     | 4861     | 1.45   | cps   |
| Antimony   | 121-1 | 483      | 500      | 458      | 481      | 4.36   | cps   |
| Arsenic    | 75-2  | 24       | 34       | 27       | 28       | 18.11  | cps   |
| Barium     | 135-1 | 146103   | 148219   | 151488   | 148603   | 1.83   | cps   |
| Barium     | 137-1 | 260897   | 260294   | 256195   | 259128   | 0.99   | cps   |
| Beryllium  | 9-1   | 60       | 62       | 80       | 67       | 16.35  | cps   |
| Bismuth    | 209-1 | 5601270  | 5147855  | 4154950  | 4968025  | 14.89  | cps   |
| Bismuth    | 209-2 | 3203061  | 3268207  | 3252004  | 3241091  | 1.05   | cps   |
| Boron      | 10-1  | 511292   | 513241   | 529478   | 518003   | 1.93   | cps   |
| Boron      | 11-1  | 2102845  | 2237215  | 2207115  | 2182392  | 3.23   | cps   |
| Bromine    | 81-1  | 192592   | 196243   | 201975   | 196936   | 2.40   | cps   |
| Cadmium    | 111-1 | 4714     | 4512     | 3517     | 4248     | 15.09  | cps   |
| Cadmium    | 106-1 | 6160     | 5810     | 4401     | 5457     | 17.06  | cps   |
| Cadmium    | 108-1 | 63       | 67       | 79       | 69       | 12.49  | cps   |
| Calcium    | 43-1  | 2891714  | 3001924  | 2937273  | 2943637  | 1.88   | cps   |
| Calcium    | 44-1  | 46256381 | 46448666 | 47211700 | 46638916 | 1.08   | cps   |
| Carbon     | 12-1  | 13400492 | 13669192 | 13727970 | 13599218 | 1.28   | cps   |
| Carbon     | 12-2  | 129905   | 130644   | 128459   | 129670   | 0.86   | cps   |
| Chlorine   | 35-1  | 65414785 | 67332922 | 65321695 | 66023134 | 1.72   | cps   |
| Chlorine   | 35-2  | 430582   | 408983   | 397465   | 412343   | 4.08   | cps   |
| Chromium   | 52-2  | 30342    | 28896    | 29130    | 29456    | 2.64   | cps   |
| Cobalt     | 59-2  | 2317     | 2174     | 2130     | 2207     | 4.43   | cps   |
| Copper     | 63-2  | 12232    | 12149    | 11848    | 12076    | 1.67   | cps   |
| Dysprosium | 156-1 | 133      | 158      | 175      | 156      | 13.48  | cps   |
| Dysprosium | 156-2 | 67       | 43       | 57       | 56       | 21.08  | cps   |
| Erbium     | 164-1 | 333      | 350      | 167      | 283      | 35.78  | cps   |
| Erbium     | 164-2 | 117      | 83       | 107      | 102      | 16.74  | cps   |
| Gadolinium | 160-1 | 142      | 275      | 158      | 192      | 37.90  | cps   |
| Gadolinium | 160-2 | 113      | 140      | 133      | 129      | 10.76  | cps   |
| Holmium    | 165-1 | 10944989 | 10008131 | 8397827  | 9783649  | 13.17  | cps   |
| Holmium    | 165-2 | 4968955  | 5092124  | 5045335  | 5035471  | 1.23   | cps   |
| Indium     | 115-1 | 10429153 | 9712719  | 7722438  | 9288104  | 15.10  | cps   |
| Indium     | 115-2 | 1587651  | 1658994  | 1653062  | 1633235  | 2.42   | cps   |
| Iron       | 54-2  | 38229    | 38374    | 39315    | 38640    | 1.53   | cps   |
| Iron       | 56-2  | 690970   | 678422   | 672427   | 680606   | 1.39   | cps   |
| Iron       | 57-2  | 20826    | 20966    | 20749    | 20847    | 0.53   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 11451     | 11488     | 11525     | 11488     | 0.32   | cps   |
| Lead       | 206-1 | 1600      | 1689      | 1733      | 1674      | 4.06   | cps   |
| Lead       | 207-1 | 1306      | 1595      | 1456      | 1452      | 9.95   | cps   |
| Lead       | 208-1 | 6273      | 6623      | 6667      | 6521      | 3.31   | cps   |
| Lithium    | 6-1   | 11518023  | 10139210  | 8847580   | 10168271  | 13.13  | cps   |
| Magnesium  | 24-2  | 3400243   | 3562845   | 3362965   | 3442018   | 3.09   | cps   |
| Manganese  | 55-2  | 65570     | 65858     | 65259     | 65562     | 0.46   | cps   |
| Molybdenum | 94-1  | 2792      | 2859      | 2850      | 2834      | 1.28   | cps   |
| Molybdenum | 95-1  | 3776      | 3726      | 4017      | 3840      | 4.06   | cps   |
| Molybdenum | 96-1  | 4584      | 4509      | 4534      | 4543      | 0.84   | cps   |
| Molybdenum | 97-1  | 2659      | 2384      | 2767      | 2603      | 7.59   | cps   |
| Molybdenum | 98-1  | 6668      | 6385      | 6585      | 6546      | 2.23   | cps   |
| Neodymium  | 150-1 | 253       | 233       | 247       | 244       | 4.17   | cps   |
| Neodymium  | 150-2 | 77        | 77        | 103       | 86        | 18.00  | cps   |
| Nickel     | 60-2  | 11882     | 11848     | 11632     | 11787     | 1.15   | cps   |
| Phosphorus | 31-2  | 225       | 142       | 225       | 197       | 24.40  | cps   |
| Potassium  | 39-2  | 557925    | 553236    | 548827    | 553329    | 0.82   | cps   |
| Rhodium    | 103-1 | 10003020  | 9148260   | 7468213   | 8873164   | 14.53  | cps   |
| Rhodium    | 103-2 | 4171391   | 4199098   | 4333344   | 4234611   | 2.05   | cps   |
| Scandium   | 45-1  | 9559084   | 8625972   | 7111093   | 8432050   | 14.65  | cps   |
| Scandium   | 45-2  | 276874    | 280014    | 285465    | 280784    | 1.55   | cps   |
| Selenium   | 82-1  | 114       | 208       | 100       | 141       | 41.66  | cps   |
| Selenium   | 77-2  | 3         | 10        | 20        | 11        | 75.52  | cps   |
| Selenium   | 78-2  | 123       | 125       | 134       | 127       | 4.60   | cps   |
| Silicon    | 28-1  | 16587107  | 16498381  | 16826292  | 16637260  | 1.02   | cps   |
| Silver     | 107-1 | 633       | 625       | 583       | 614       | 4.36   | cps   |
| Silver     | 109-1 | 492       | 792       | 675       | 653       | 23.17  | cps   |
| Sodium     | 23-2  | 239074105 | 230097938 | 235350205 | 234840750 | 1.92   | cps   |
| Strontium  | 86-1  | 1858175   | 1807358   | 1820529   | 1828687   | 1.44   | cps   |
| Strontium  | 88-1  | 15016866  | 15355144  | 15611066  | 15327692  | 1.94   | cps   |
| Sulfur     | 34-1  | 945871    | 953379    | 934807    | 944686    | 0.99   | cps   |
| Terbium    | 159-1 | 11593536  | 10731338  | 8859414   | 10394763  | 13.45  | cps   |
| Terbium    | 159-2 | 4906838   | 4900214   | 4967332   | 4924794   | 0.75   | cps   |
| Thallium   | 203-1 | 950       | 875       | 783       | 869       | 9.60   | cps   |
| Thallium   | 205-1 | 2034      | 1992      | 2125      | 2050      | 3.33   | cps   |
| Tin        | 118-1 | 2342      | 2234      | 2317      | 2297      | 2.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13L              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 16:23:28 | DataFile Name :   | 047AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3984     | 3617     | 4276     | 3959     | 8.33   | cps   |
| Uranium   | 238-1 | 29870    | 30287    | 30939    | 30365    | 1.77   | cps   |
| Vanadium  | 51-2  | 1183     | 1143     | 1033     | 1120     | 6.94   | cps   |
| Ytterbium | 172-1 | 250      | 350      | 283      | 294      | 17.29  | cps   |
| Ytterbium | 172-2 | 144      | 200      | 128      | 157      | 24.02  | cps   |
| Ytterbium | 176-1 | 1775     | 1525     | 1300     | 1533     | 15.50  | cps   |
| Ytterbium | 176-2 | 6824     | 7708     | 7374     | 7302     | 6.11   | cps   |
| Yttrium   | 89-1  | 18653614 | 16449286 | 14127674 | 16410191 | 13.79  | cps   |
| Yttrium   | 89-2  | 1987060  | 2036910  | 2027211  | 2017060  | 1.31   | cps   |
| Zinc      | 66-2  | 823      | 763      | 777      | 788      | 4.00   | cps   |
| Zirconium | 90-1  | 1759     | 1875     | 1633     | 1756     | 6.89   | cps   |
| Zirconium | 91-1  | 342      | 375      | 317      | 344      | 8.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 211      | 180      | 184      | 192      | 8.90   | cps   |
| Antimony   | 121-1 | 58       | 67       | 108      | 78       | 34.44  | cps   |
| Arsenic    | 75-2  | 3        | 7        | 7        | 6        | 40.75  | cps   |
| Barium     | 135-1 | 125      | 92       | 50       | 89       | 42.27  | cps   |
| Barium     | 137-1 | 108      | 117      | 117      | 114      | 4.22   | cps   |
| Beryllium  | 9-1   | 60       | 70       | 54       | 61       | 13.18  | cps   |
| Bismuth    | 209-1 | 6269852  | 6423512  | 6414424  | 6369263  | 1.35   | cps   |
| Bismuth    | 209-2 | 3578583  | 3694269  | 3544048  | 3605633  | 2.18   | cps   |
| Boron      | 10-1  | 105371   | 101674   | 93607    | 100217   | 6.00   | cps   |
| Boron      | 11-1  | 482637   | 443222   | 433173   | 453011   | 5.77   | cps   |
| Bromine    | 81-1  | 98722    | 95845    | 95183    | 96583    | 1.95   | cps   |
| Cadmium    | 111-1 | 4361     | 4561     | 4180     | 4367     | 4.37   | cps   |
| Cadmium    | 106-1 | 6143     | 6410     | 5851     | 6135     | 4.55   | cps   |
| Cadmium    | 108-1 | 38       | 25       | 29       | 31       | 20.83  | cps   |
| Calcium    | 43-1  | 1099     | 946      | 1020     | 1022     | 7.46   | cps   |
| Calcium    | 44-1  | 26619    | 25121    | 24593    | 25444    | 4.13   | cps   |
| Carbon     | 12-1  | 16135139 | 17537757 | 18353226 | 17342041 | 6.47   | cps   |
| Carbon     | 12-2  | 187740   | 192998   | 194890   | 191876   | 1.93   | cps   |
| Chlorine   | 35-1  | 15784665 | 14602378 | 13394692 | 14593912 | 8.19   | cps   |
| Chlorine   | 35-2  | 84211    | 80223    | 75371    | 79935    | 5.54   | cps   |
| Chromium   | 52-2  | 1583     | 1633     | 1713     | 1643     | 3.99   | cps   |
| Cobalt     | 59-2  | 63       | 70       | 70       | 68       | 5.68   | cps   |
| Copper     | 63-2  | 1483     | 1497     | 1483     | 1488     | 0.52   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 92       | 117      | 92       | 27.27  | cps   |
| Erbium     | 164-2 | 27       | 63       | 60       | 50       | 40.55  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 42       | 67       | 33.07  | cps   |
| Gadolinium | 160-2 | 110      | 87       | 77       | 91       | 18.77  | cps   |
| Holmium    | 165-1 | 11046100 | 10931261 | 11131239 | 11036200 | 0.91   | cps   |
| Holmium    | 165-2 | 5167839  | 5077568  | 5025164  | 5090190  | 1.42   | cps   |
| Indium     | 115-1 | 10847037 | 10903796 | 10724418 | 10825084 | 0.85   | cps   |
| Indium     | 115-2 | 1721155  | 1717858  | 1673608  | 1704207  | 1.56   | cps   |
| Iron       | 54-2  | 1278     | 1217     | 1206     | 1233     | 3.15   | cps   |
| Iron       | 56-2  | 15242    | 14947    | 14624    | 14938    | 2.07   | cps   |
| Iron       | 57-2  | 489      | 478      | 428      | 465      | 7.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11191    | 11416    | 11374    | 11327    | 1.06    | cps   |
| Lead       | 206-1 | 1122     | 1233     | 1167     | 1174     | 4.76    | cps   |
| Lead       | 207-1 | 1078     | 1039     | 978      | 1032     | 4.89    | cps   |
| Lead       | 208-1 | 5095     | 5023     | 4550     | 4889     | 6.05    | cps   |
| Lithium    | 6-1   | 11866865 | 11283301 | 11511158 | 11553775 | 2.55    | cps   |
| Magnesium  | 24-2  | 1267     | 1158     | 1217     | 1214     | 4.47    | cps   |
| Manganese  | 55-2  | 470      | 317      | 413      | 400      | 19.38   | cps   |
| Molybdenum | 94-1  | 383      | 242      | 367      | 331      | 23.43   | cps   |
| Molybdenum | 95-1  | 108      | 58       | 167      | 111      | 48.80   | cps   |
| Molybdenum | 96-1  | 525      | 392      | 350      | 422      | 21.65   | cps   |
| Molybdenum | 97-1  | 83       | 67       | 75       | 75       | 11.11   | cps   |
| Molybdenum | 98-1  | 167      | 150      | 183      | 167      | 10.00   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00    | cps   |
| Neodymium  | 150-2 | 7        | 7        | 7        | 7        | 0.00    | cps   |
| Nickel     | 60-2  | 243      | 243      | 253      | 247      | 2.34    | cps   |
| Phosphorus | 31-2  | 175      | 225      | 183      | 194      | 13.78   | cps   |
| Potassium  | 39-2  | 26466    | 26658    | 26333    | 26486    | 0.62    | cps   |
| Rhodium    | 103-1 | 10669421 | 11059814 | 10783943 | 10837726 | 1.85    | cps   |
| Rhodium    | 103-2 | 4586277  | 4461115  | 4473454  | 4506949  | 1.53    | cps   |
| Scandium   | 45-1  | 9659362  | 9717521  | 9992798  | 9789894  | 1.82    | cps   |
| Scandium   | 45-2  | 281060   | 283249   | 279495   | 281268   | 0.67    | cps   |
| Selenium   | 82-1  | 113      | -98      | -170     | -52      | -284.01 | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 125      | 128      | 121      | 125      | 2.82    | cps   |
| Silicon    | 28-1  | 993246   | 1003127  | 996437   | 997603   | 0.51    | cps   |
| Silver     | 107-1 | 417      | 417      | 458      | 431      | 5.59    | cps   |
| Silver     | 109-1 | 275      | 258      | 358      | 297      | 18.03   | cps   |
| Sodium     | 23-2  | 141622   | 130054   | 142803   | 138160   | 5.10    | cps   |
| Strontium  | 86-1  | 17611    | 18388    | 18538    | 18179    | 2.73    | cps   |
| Strontium  | 88-1  | 4084     | 3584     | 3792     | 3820     | 6.58    | cps   |
| Sulfur     | 34-1  | 473590   | 485892   | 483273   | 480918   | 1.35    | cps   |
| Terbium    | 159-1 | 11368078 | 11480589 | 11510309 | 11452992 | 0.66    | cps   |
| Terbium    | 159-2 | 5015472  | 5009340  | 4942295  | 4989035  | 0.81    | cps   |
| Thallium   | 203-1 | 567      | 575      | 517      | 553      | 5.71    | cps   |
| Thallium   | 205-1 | 1375     | 1483     | 1317     | 1392     | 6.08    | cps   |
| Tin        | 118-1 | 5968     | 6318     | 6394     | 6227     | 3.65    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2220-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB0331              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:26:21 | DataFile Name :   | 048AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 558      | 717      | 550      | 608      | 15.44  | cps   |
| Uranium   | 238-1 | 25       | 25       | 25       | 25       | 0.00   | cps   |
| Vanadium  | 51-2  | 27       | 43       | 37       | 36       | 23.58  | cps   |
| Ytterbium | 172-1 | 92       | 33       | 33       | 53       | 63.82  | cps   |
| Ytterbium | 172-2 | 6        | 28       | 39       | 24       | 70.49  | cps   |
| Ytterbium | 176-1 | 1767     | 1809     | 1767     | 1781     | 1.35   | cps   |
| Ytterbium | 176-2 | 7024     | 7469     | 7269     | 7254     | 3.07   | cps   |
| Yttrium   | 89-1  | 18657643 | 18866076 | 18592496 | 18705405 | 0.76   | cps   |
| Yttrium   | 89-2  | 2080130  | 2006070  | 2090117  | 2058772  | 2.23   | cps   |
| Zinc      | 66-2  | 323      | 423      | 357      | 368      | 13.84  | cps   |
| Zirconium | 90-1  | 833      | 833      | 833      | 833      | 0.00   | cps   |
| Zirconium | 91-1  | 208      | 183      | 117      | 169      | 27.97  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4653171   | 4755019   | 4825518   | 4744569   | 1.83   | cps   |
| Antimony   | 121-1 | 3752537   | 3849196   | 3788817   | 3796850   | 1.29   | cps   |
| Arsenic    | 75-2  | 135325    | 135297    | 135491    | 135371    | 0.08   | cps   |
| Barium     | 135-1 | 4958217   | 5211905   | 5127707   | 5099276   | 2.53   | cps   |
| Barium     | 137-1 | 8960362   | 8967027   | 8685993   | 8871127   | 1.81   | cps   |
| Beryllium  | 9-1   | 2751290   | 2675735   | 2748319   | 2725115   | 1.57   | cps   |
| Bismuth    | 209-1 | 5479234   | 5599433   | 5369823   | 5482830   | 2.09   | cps   |
| Bismuth    | 209-2 | 3168586   | 3135885   | 3143237   | 3149236   | 0.54   | cps   |
| Boron      | 10-1  | 512493    | 538323    | 553031    | 534616    | 3.84   | cps   |
| Boron      | 11-1  | 2182834   | 2165705   | 2311790   | 2220110   | 3.60   | cps   |
| Bromine    | 81-1  | 79439     | 80434     | 82079     | 80651     | 1.65   | cps   |
| Cadmium    | 111-1 | 1217405   | 1240547   | 1220444   | 1226132   | 1.03   | cps   |
| Cadmium    | 106-1 | 148432    | 147022    | 148414    | 147956    | 0.55   | cps   |
| Cadmium    | 108-1 | 97148     | 95894     | 97677     | 96907     | 0.94   | cps   |
| Calcium    | 43-1  | 10242823  | 10191719  | 9976605   | 10137049  | 1.39   | cps   |
| Calcium    | 44-1  | 170310811 | 166416353 | 164151876 | 166959680 | 1.87   | cps   |
| Carbon     | 12-1  | 11554548  | 11656031  | 11755415  | 11655331  | 0.86   | cps   |
| Carbon     | 12-2  | 117669    | 119358    | 120550    | 119192    | 1.21   | cps   |
| Chlorine   | 35-1  | 4857215   | 4638425   | 4515722   | 4670454   | 3.70   | cps   |
| Chlorine   | 35-2  | 30015     | 30266     | 28587     | 29623     | 3.06   | cps   |
| Chromium   | 52-2  | 1500085   | 1500230   | 1495376   | 1498563   | 0.18   | cps   |
| Cobalt     | 59-2  | 2588527   | 2606482   | 2509536   | 2568182   | 2.01   | cps   |
| Copper     | 63-2  | 19832634  | 19671684  | 20011585  | 19838634  | 0.86   | cps   |
| Dysprosium | 156-1 | 758       | 825       | 700       | 761       | 8.22   | cps   |
| Dysprosium | 156-2 | 270       | 237       | 250       | 252       | 6.65   | cps   |
| Erbium     | 164-1 | 117       | 192       | 208       | 172       | 28.35  | cps   |
| Erbium     | 164-2 | 53        | 73        | 77        | 68        | 18.62  | cps   |
| Gadolinium | 160-1 | 575       | 592       | 450       | 539       | 14.37  | cps   |
| Gadolinium | 160-2 | 243       | 297       | 323       | 288       | 14.15  | cps   |
| Holmium    | 165-1 | 10943470  | 11251776  | 10898485  | 11031244  | 1.74   | cps   |
| Holmium    | 165-2 | 5125982   | 5050286   | 4940287   | 5038852   | 1.85   | cps   |
| Indium     | 115-1 | 9741354   | 9868550   | 9861659   | 9823854   | 0.73   | cps   |
| Indium     | 115-2 | 1599715   | 1609991   | 1553770   | 1587826   | 1.89   | cps   |
| Iron       | 54-2  | 16085671  | 15850407  | 15846597  | 15927558  | 0.86   | cps   |
| Iron       | 56-2  | 283937540 | 285531829 | 291663840 | 287044403 | 1.42   | cps   |
| Iron       | 57-2  | 7393915   | 7309470   | 7390989   | 7364792   | 0.65   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 10967     | 10924     | 10750     | 10880     | 1.05   | cps   |
| Lead       | 206-1 | 13014935  | 13322167  | 13112424  | 13149842  | 1.19   | cps   |
| Lead       | 207-1 | 11309996  | 11848885  | 11281329  | 11480070  | 2.79   | cps   |
| Lead       | 208-1 | 52600708  | 53955905  | 51587698  | 52714771  | 2.25   | cps   |
| Lithium    | 6-1   | 10664097  | 10429719  | 10593879  | 10562565  | 1.14   | cps   |
| Magnesium  | 24-2  | 65024695  | 62458785  | 62801964  | 63428481  | 2.20   | cps   |
| Manganese  | 55-2  | 8141243   | 7985925   | 7925574   | 8017581   | 1.39   | cps   |
| Molybdenum | 94-1  | 17552100  | 18166040  | 17312125  | 17676755  | 2.49   | cps   |
| Molybdenum | 95-1  | 25743457  | 25318394  | 24836848  | 25299567  | 1.79   | cps   |
| Molybdenum | 96-1  | 28002325  | 27707593  | 28062104  | 27924007  | 0.68   | cps   |
| Molybdenum | 97-1  | 15630459  | 15298035  | 15533016  | 15487170  | 1.10   | cps   |
| Molybdenum | 98-1  | 40382849  | 38893346  | 39741029  | 39672408  | 1.88   | cps   |
| Neodymium  | 150-1 | 473       | 507       | 480       | 487       | 3.62   | cps   |
| Neodymium  | 150-2 | 40        | 50        | 50        | 47        | 12.37  | cps   |
| Nickel     | 60-2  | 682294    | 684838    | 684931    | 684021    | 0.22   | cps   |
| Phosphorus | 31-2  | 55507     | 57205     | 56470     | 56394     | 1.51   | cps   |
| Potassium  | 39-2  | 23502241  | 23964043  | 23757032  | 23741105  | 0.97   | cps   |
| Rhodium    | 103-1 | 9395000   | 9417559   | 9716109   | 9509556   | 1.88   | cps   |
| Rhodium    | 103-2 | 4068054   | 4171811   | 4114875   | 4118247   | 1.26   | cps   |
| Scandium   | 45-1  | 9119011   | 9299063   | 9124822   | 9180965   | 1.11   | cps   |
| Scandium   | 45-2  | 274601    | 279045    | 273567    | 275738    | 1.06   | cps   |
| Selenium   | 82-1  | 114733    | 113743    | 114000    | 114159    | 0.45   | cps   |
| Selenium   | 77-2  | 3520      | 3334      | 3434      | 3429      | 2.72   | cps   |
| Selenium   | 78-2  | 11995     | 11872     | 11927     | 11932     | 0.52   | cps   |
| Silicon    | 28-1  | 18702882  | 18507885  | 18657685  | 18622817  | 0.55   | cps   |
| Silver     | 107-1 | 6262934   | 6018264   | 6132246   | 6137815   | 1.99   | cps   |
| Silver     | 109-1 | 5907644   | 5734053   | 5879435   | 5840377   | 1.59   | cps   |
| Sodium     | 23-2  | 120110986 | 119464682 | 123279511 | 120951726 | 1.69   | cps   |
| Strontium  | 86-1  | 1822578   | 1797398   | 1830622   | 1816866   | 0.95   | cps   |
| Strontium  | 88-1  | 15459259  | 15004212  | 15265098  | 15242856  | 1.50   | cps   |
| Sulfur     | 34-1  | 1205255   | 1197672   | 1160291   | 1187739   | 2.03   | cps   |
| Terbium    | 159-1 | 11463853  | 11404796  | 11389872  | 11419507  | 0.34   | cps   |
| Terbium    | 159-2 | 4781434   | 4870213   | 4848862   | 4833503   | 0.96   | cps   |
| Thallium   | 203-1 | 3338027   | 3238583   | 3315101   | 3297237   | 1.58   | cps   |
| Thallium   | 205-1 | 7701088   | 7867446   | 7707717   | 7758750   | 1.21   | cps   |
| Tin        | 118-1 | 3782935   | 3761803   | 3780610   | 3775116   | 0.31   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 16:31:11 | DataFile Name :   | 049CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9098140  | 9175255  | 9202779  | 9158725  | 0.59   | cps   |
| Uranium   | 238-1 | 10650373 | 10432098 | 9939466  | 10340646 | 3.52   | cps   |
| Vanadium  | 51-2  | 1144532  | 1154363  | 1152507  | 1150467  | 0.45   | cps   |
| Ytterbium | 172-1 | 117      | 92       | 125      | 111      | 15.61  | cps   |
| Ytterbium | 172-2 | 78       | 67       | 50       | 65       | 21.57  | cps   |
| Ytterbium | 176-1 | 16945    | 16119    | 16720    | 16594    | 2.57   | cps   |
| Ytterbium | 176-2 | 13073    | 14464    | 13446    | 13661    | 5.27   | cps   |
| Yttrium   | 89-1  | 17997180 | 17923366 | 18116355 | 18012301 | 0.54   | cps   |
| Yttrium   | 89-2  | 2032138  | 1961797  | 2003290  | 1999075  | 1.77   | cps   |
| Zinc      | 66-2  | 2441666  | 2401390  | 2457862  | 2433639  | 1.19   | cps   |
| Zirconium | 90-1  | 9269620  | 9389890  | 8939440  | 9199650  | 2.54   | cps   |
| Zirconium | 91-1  | 2093655  | 2098002  | 2036831  | 2076163  | 1.64   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 135      | 127      | 126      | 130      | 3.65   | cps   |
| Antimony   | 121-1 | 550      | 733      | 758      | 681      | 16.72  | cps   |
| Arsenic    | 75-2  | 10       | 8        | 12       | 10       | 20.00  | cps   |
| Barium     | 135-1 | 108      | 117      | 117      | 114      | 4.22   | cps   |
| Barium     | 137-1 | 208      | 283      | 150      | 214      | 31.25  | cps   |
| Beryllium  | 9-1   | 148      | 106      | 110      | 121      | 19.10  | cps   |
| Bismuth    | 209-1 | 6209655  | 6228144  | 6355907  | 6264569  | 1.27   | cps   |
| Bismuth    | 209-2 | 3531413  | 3593425  | 3485328  | 3536722  | 1.53   | cps   |
| Boron      | 10-1  | 33997    | 32784    | 31367    | 32716    | 4.02   | cps   |
| Boron      | 11-1  | 143260   | 147801   | 139341   | 143467   | 2.95   | cps   |
| Bromine    | 81-1  | 86262    | 79874    | 80098    | 82078    | 4.42   | cps   |
| Cadmium    | 111-1 | 4278     | 4053     | 3948     | 4093     | 4.11   | cps   |
| Cadmium    | 106-1 | 5976     | 5660     | 5518     | 5718     | 4.11   | cps   |
| Cadmium    | 108-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Calcium    | 43-1  | 419      | 422      | 360      | 400      | 8.75   | cps   |
| Calcium    | 44-1  | 15370    | 14793    | 14617    | 14927    | 2.64   | cps   |
| Carbon     | 12-1  | 10742535 | 10632413 | 10438118 | 10604355 | 1.45   | cps   |
| Carbon     | 12-2  | 99159    | 102264   | 98923    | 100115   | 1.86   | cps   |
| Chlorine   | 35-1  | 2291090  | 2254443  | 2336689  | 2294074  | 1.80   | cps   |
| Chlorine   | 35-2  | 15701    | 15926    | 15192    | 15606    | 2.41   | cps   |
| Chromium   | 52-2  | 1320     | 1223     | 1193     | 1246     | 5.31   | cps   |
| Cobalt     | 59-2  | 87       | 100      | 103      | 97       | 9.12   | cps   |
| Copper     | 63-2  | 1400     | 1363     | 1337     | 1367     | 2.33   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 33       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 133      | 92       | 83       | 103      | 26.06  | cps   |
| Erbium     | 164-2 | 30       | 33       | 37       | 33       | 10.01  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 75       | 81       | 11.95  | cps   |
| Gadolinium | 160-2 | 93       | 90       | 113      | 99       | 12.76  | cps   |
| Holmium    | 165-1 | 10573357 | 11068855 | 11121020 | 10921077 | 2.77   | cps   |
| Holmium    | 165-2 | 5048771  | 4968881  | 5016427  | 5011360  | 0.80   | cps   |
| Indium     | 115-1 | 10850560 | 10875464 | 10910247 | 10878757 | 0.28   | cps   |
| Indium     | 115-2 | 1755966  | 1672217  | 1746051  | 1724745  | 2.65   | cps   |
| Iron       | 54-2  | 1045     | 1067     | 1039     | 1050     | 1.40   | cps   |
| Iron       | 56-2  | 10204    | 9848     | 9325     | 9792     | 4.51   | cps   |
| Iron       | 57-2  | 328      | 311      | 217      | 285      | 21.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11312    | 11777    | 11498    | 11529    | 2.03   | cps   |
| Lead       | 206-1 | 1111     | 1250     | 1111     | 1157     | 6.93   | cps   |
| Lead       | 207-1 | 1000     | 972      | 1011     | 994      | 2.01   | cps   |
| Lead       | 208-1 | 4539     | 4589     | 4384     | 4504     | 2.38   | cps   |
| Lithium    | 6-1   | 10573858 | 11256352 | 10864690 | 10898300 | 3.14   | cps   |
| Magnesium  | 24-2  | 1492     | 1192     | 1083     | 1256     | 16.85  | cps   |
| Manganese  | 55-2  | 177      | 173      | 193      | 181      | 5.92   | cps   |
| Molybdenum | 94-1  | 650      | 625      | 658      | 644      | 2.69   | cps   |
| Molybdenum | 95-1  | 650      | 492      | 483      | 542      | 17.34  | cps   |
| Molybdenum | 96-1  | 975      | 667      | 908      | 850      | 19.09  | cps   |
| Molybdenum | 97-1  | 458      | 467      | 342      | 422      | 16.55  | cps   |
| Molybdenum | 98-1  | 1017     | 942      | 750      | 903      | 15.23  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 70       | 57       | 53       | 60       | 14.70  | cps   |
| Phosphorus | 31-2  | 183      | 100      | 183      | 156      | 30.93  | cps   |
| Potassium  | 39-2  | 24813    | 24672    | 24780    | 24755    | 0.30   | cps   |
| Rhodium    | 103-1 | 10807066 | 10858704 | 11126685 | 10930819 | 1.57   | cps   |
| Rhodium    | 103-2 | 4546249  | 4595887  | 4483098  | 4541745  | 1.24   | cps   |
| Scandium   | 45-1  | 9717199  | 9742728  | 9913600  | 9791176  | 1.09   | cps   |
| Scandium   | 45-2  | 285700   | 284147   | 279638   | 283162   | 1.11   | cps   |
| Selenium   | 82-1  | -166     | -392     | -159     | -239     | -55.34 | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 118      | 120      | 125      | 121      | 2.98   | cps   |
| Silicon    | 28-1  | 981197   | 1007348  | 1037960  | 1008835  | 2.82   | cps   |
| Silver     | 107-1 | 475      | 567      | 542      | 528      | 8.98   | cps   |
| Silver     | 109-1 | 542      | 408      | 425      | 458      | 15.85  | cps   |
| Sodium     | 23-2  | 64208    | 61550    | 62584    | 62780    | 2.13   | cps   |
| Strontium  | 86-1  | 18221    | 17954    | 17578    | 17917    | 1.80   | cps   |
| Strontium  | 88-1  | 767      | 825      | 600      | 731      | 15.98  | cps   |
| Sulfur     | 34-1  | 469308   | 457533   | 450423   | 459088   | 2.08   | cps   |
| Terbium    | 159-1 | 11523672 | 11368477 | 10922944 | 11271697 | 2.77   | cps   |
| Terbium    | 159-2 | 4922513  | 5011201  | 4949868  | 4961194  | 0.92   | cps   |
| Thallium   | 203-1 | 617      | 708      | 633      | 653      | 7.48   | cps   |
| Thallium   | 205-1 | 1859     | 1650     | 1667     | 1725     | 6.71   | cps   |
| Tin        | 118-1 | 1442     | 2360     | 1525     | 1776     | 28.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:38:31 | DataFile Name :   | 050CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 517      | 517      | 492      | 508      | 2.84   | cps   |
| Uranium   | 238-1 | 275      | 100      | 192      | 189      | 46.34  | cps   |
| Vanadium  | 51-2  | 20       | 20       | 43       | 28       | 48.49  | cps   |
| Ytterbium | 172-1 | 25       | 75       | 50       | 50       | 50.00  | cps   |
| Ytterbium | 172-2 | 22       | 39       | 17       | 26       | 44.60  | cps   |
| Ytterbium | 176-1 | 1775     | 1742     | 1500     | 1672     | 8.98   | cps   |
| Ytterbium | 176-2 | 7486     | 7536     | 7280     | 7434     | 1.82   | cps   |
| Yttrium   | 89-1  | 17925159 | 18655686 | 18740569 | 18440471 | 2.43   | cps   |
| Yttrium   | 89-2  | 2050749  | 2032954  | 2053196  | 2045633  | 0.54   | cps   |
| Zinc      | 66-2  | 213      | 193      | 193      | 200      | 5.77   | cps   |
| Zirconium | 90-1  | 1158     | 1292     | 1267     | 1239     | 5.72   | cps   |
| Zirconium | 91-1  | 158      | 167      | 250      | 192      | 26.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 205      | 207      | 217      | 210      | 3.15   | cps   |
| Antimony   | 121-1 | 225      | 275      | 283      | 261      | 12.08  | cps   |
| Arsenic    | 75-2  | 1        | 5        | 3        | 3        | 66.67  | cps   |
| Barium     | 135-1 | 175      | 167      | 108      | 150      | 24.22  | cps   |
| Barium     | 137-1 | 133      | 342      | 183      | 219      | 49.56  | cps   |
| Beryllium  | 9-1   | 80       | 76       | 68       | 75       | 8.18   | cps   |
| Bismuth    | 209-1 | 6603381  | 6374748  | 6603831  | 6527320  | 2.02   | cps   |
| Bismuth    | 209-2 | 3646843  | 3685280  | 3656935  | 3663020  | 0.54   | cps   |
| Boron      | 10-1  | 21147    | 20218    | 19892    | 20419    | 3.19   | cps   |
| Boron      | 11-1  | 91897    | 91435    | 89160    | 90831    | 1.61   | cps   |
| Bromine    | 81-1  | 80123    | 80046    | 83027    | 81065    | 2.10   | cps   |
| Cadmium    | 111-1 | 4109     | 4131     | 4424     | 4221     | 4.16   | cps   |
| Cadmium    | 106-1 | 5793     | 5860     | 6327     | 5993     | 4.85   | cps   |
| Cadmium    | 108-1 | 42       | 42       | 67       | 50       | 28.87  | cps   |
| Calcium    | 43-1  | 469      | 472      | 426      | 456      | 5.64   | cps   |
| Calcium    | 44-1  | 16616    | 16417    | 16300    | 16445    | 0.97   | cps   |
| Carbon     | 12-1  | 14551891 | 16143273 | 17266340 | 15987168 | 8.53   | cps   |
| Carbon     | 12-2  | 174815   | 177951   | 179842   | 177536   | 1.43   | cps   |
| Chlorine   | 35-1  | 1577320  | 1585194  | 1553167  | 1571893  | 1.06   | cps   |
| Chlorine   | 35-2  | 11555    | 10621    | 10546    | 10907    | 5.15   | cps   |
| Chromium   | 52-2  | 2054     | 2190     | 2094     | 2112     | 3.33   | cps   |
| Cobalt     | 59-2  | 113      | 93       | 103      | 103      | 9.68   | cps   |
| Copper     | 63-2  | 1030     | 1187     | 1123     | 1113     | 7.08   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 58       | 117      | 83       | 86       | 33.98  | cps   |
| Erbium     | 164-2 | 30       | 20       | 30       | 27       | 21.65  | cps   |
| Gadolinium | 160-1 | 75       | 50       | 125      | 83       | 45.83  | cps   |
| Gadolinium | 160-2 | 97       | 127      | 80       | 101      | 23.39  | cps   |
| Holmium    | 165-1 | 11556032 | 11392753 | 11499109 | 11482631 | 0.72   | cps   |
| Holmium    | 165-2 | 5169631  | 5076183  | 5117541  | 5121118  | 0.91   | cps   |
| Indium     | 115-1 | 11492726 | 11172162 | 11281125 | 11315338 | 1.44   | cps   |
| Indium     | 115-2 | 1745388  | 1785272  | 1755057  | 1761906  | 1.18   | cps   |
| Iron       | 54-2  | 1361     | 1206     | 1245     | 1270     | 6.37   | cps   |
| Iron       | 56-2  | 13729    | 13690    | 13245    | 13555    | 1.98   | cps   |
| Iron       | 57-2  | 450      | 450      | 333      | 411      | 16.38  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11887    | 11502    | 11288    | 11559    | 2.63   | cps   |
| Lead       | 206-1 | 1128     | 1100     | 1095     | 1107     | 1.61   | cps   |
| Lead       | 207-1 | 861      | 995      | 833      | 896      | 9.61   | cps   |
| Lead       | 208-1 | 4261     | 4250     | 4145     | 4219     | 1.53   | cps   |
| Lithium    | 6-1   | 11187762 | 10944882 | 11187950 | 11106865 | 1.26   | cps   |
| Magnesium  | 24-2  | 567      | 708      | 675      | 650      | 11.40  | cps   |
| Manganese  | 55-2  | 523      | 427      | 450      | 467      | 10.81  | cps   |
| Molybdenum | 94-1  | 383      | 408      | 367      | 386      | 5.43   | cps   |
| Molybdenum | 95-1  | 250      | 175      | 183      | 203      | 20.27  | cps   |
| Molybdenum | 96-1  | 550      | 408      | 550      | 503      | 16.27  | cps   |
| Molybdenum | 97-1  | 58       | 175      | 50       | 94       | 74.00  | cps   |
| Molybdenum | 98-1  | 308      | 433      | 342      | 361      | 17.92  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 377      | 393      | 473      | 414      | 12.47  | cps   |
| Phosphorus | 31-2  | 208      | 208      | 175      | 197      | 9.76   | cps   |
| Potassium  | 39-2  | 25423    | 24830    | 24012    | 24755    | 2.86   | cps   |
| Rhodium    | 103-1 | 11235404 | 11336353 | 11241720 | 11271159 | 0.50   | cps   |
| Rhodium    | 103-2 | 4794368  | 4954326  | 4730973  | 4826556  | 2.38   | cps   |
| Scandium   | 45-1  | 9903762  | 9792088  | 9659278  | 9785043  | 1.25   | cps   |
| Scandium   | 45-2  | 286557   | 295820   | 292550   | 291642   | 1.61   | cps   |
| Selenium   | 82-1  | -339     | -246     | -40      | -208     | -73.41 | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 122      | 122      | 115      | 120      | 3.38   | cps   |
| Silicon    | 28-1  | 999559   | 1005446  | 1054517  | 1019841  | 2.96   | cps   |
| Silver     | 107-1 | 308      | 342      | 392      | 347      | 12.08  | cps   |
| Silver     | 109-1 | 342      | 358      | 275      | 325      | 13.57  | cps   |
| Sodium     | 23-2  | 52562    | 50388    | 49886    | 50945    | 2.79   | cps   |
| Strontium  | 86-1  | 18922    | 18145    | 17803    | 18290    | 3.13   | cps   |
| Strontium  | 88-1  | 950      | 792      | 758      | 833      | 12.29  | cps   |
| Sulfur     | 34-1  | 481531   | 468544   | 466575   | 472217   | 1.72   | cps   |
| Terbium    | 159-1 | 12100937 | 12306215 | 12484221 | 12297125 | 1.56   | cps   |
| Terbium    | 159-2 | 5049724  | 5203998  | 5130912  | 5128211  | 1.50   | cps   |
| Thallium   | 203-1 | 525      | 358      | 467      | 450      | 18.79  | cps   |
| Thallium   | 205-1 | 1133     | 1125     | 1125     | 1128     | 0.43   | cps   |
| Tin        | 118-1 | 3234     | 2959     | 3050     | 3081     | 4.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2237-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | FB-0401             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:44:05 | DataFile Name :   | 051AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 542      | 375      | 475      | 464      | 18.08  | cps   |
| Uranium   | 238-1 | 33       | 33       | 58       | 42       | 34.65  | cps   |
| Vanadium  | 51-2  | 20       | 13       | 23       | 19       | 26.96  | cps   |
| Ytterbium | 172-1 | 108      | 58       | 92       | 86       | 29.57  | cps   |
| Ytterbium | 172-2 | 33       | 28       | 44       | 35       | 24.12  | cps   |
| Ytterbium | 176-1 | 1708     | 1558     | 1792     | 1686     | 7.01   | cps   |
| Ytterbium | 176-2 | 6930     | 7664     | 7513     | 7369     | 5.26   | cps   |
| Yttrium   | 89-1  | 19731074 | 19524664 | 19483546 | 19579762 | 0.68   | cps   |
| Yttrium   | 89-2  | 2096626  | 2153759  | 2109843  | 2120076  | 1.41   | cps   |
| Zinc      | 66-2  | 9783     | 9797     | 9810     | 9797     | 0.14   | cps   |
| Zirconium | 90-1  | 775      | 883      | 908      | 856      | 8.28   | cps   |
| Zirconium | 91-1  | 233      | 167      | 233      | 211      | 18.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:47:05 | DataFile Name :   | 052CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 80       | 66       | 74       | 73       | 9.39   | cps   |
| Antimony   | 121-1 | 108      | 158      | 175      | 147      | 23.57  | cps   |
| Arsenic    | 75-2  | 4        | 6        | 2        | 4        | 50.00  | cps   |
| Barium     | 135-1 | 17       | 33       | 58       | 36       | 58.08  | cps   |
| Barium     | 137-1 | 50       | 58       | 33       | 47       | 26.96  | cps   |
| Beryllium  | 9-1   | 52       | 54       | 54       | 53       | 2.17   | cps   |
| Bismuth    | 209-1 | 6253513  | 6294401  | 6407232  | 6318382  | 1.26   | cps   |
| Bismuth    | 209-2 | 3544600  | 3698172  | 3609608  | 3617460  | 2.13   | cps   |
| Boron      | 10-1  | 17521    | 18204    | 17797    | 17841    | 1.92   | cps   |
| Boron      | 11-1  | 78790    | 79649    | 81116    | 79852    | 1.47   | cps   |
| Bromine    | 81-1  | 78796    | 78473    | 84356    | 80542    | 4.11   | cps   |
| Cadmium    | 111-1 | 4519     | 4196     | 4365     | 4360     | 3.70   | cps   |
| Cadmium    | 106-1 | 6435     | 5951     | 6185     | 6190     | 3.91   | cps   |
| Cadmium    | 108-1 | 21       | 46       | 50       | 39       | 40.57  | cps   |
| Calcium    | 43-1  | 236      | 269      | 235      | 247      | 7.76   | cps   |
| Calcium    | 44-1  | 12974    | 12618    | 12199    | 12597    | 3.08   | cps   |
| Carbon     | 12-1  | 11689333 | 11282456 | 10996154 | 11322647 | 3.08   | cps   |
| Carbon     | 12-2  | 103975   | 101692   | 98664    | 101444   | 2.63   | cps   |
| Chlorine   | 35-1  | 1487724  | 1481259  | 1421533  | 1463505  | 2.49   | cps   |
| Chlorine   | 35-2  | 9128     | 9212     | 9762     | 9367     | 3.68   | cps   |
| Chromium   | 52-2  | 1270     | 1233     | 1130     | 1211     | 5.99   | cps   |
| Cobalt     | 59-2  | 43       | 67       | 70       | 60       | 24.22  | cps   |
| Copper     | 63-2  | 1150     | 1047     | 1103     | 1100     | 4.70   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 83       | 75       | 83       | 81       | 5.98   | cps   |
| Erbium     | 164-2 | 27       | 27       | 43       | 32       | 29.85  | cps   |
| Gadolinium | 160-1 | 75       | 117      | 92       | 94       | 22.21  | cps   |
| Gadolinium | 160-2 | 60       | 113      | 80       | 84       | 31.91  | cps   |
| Holmium    | 165-1 | 11046534 | 11270353 | 11058870 | 11125252 | 1.13   | cps   |
| Holmium    | 165-2 | 4973998  | 4993615  | 5021821  | 4996478  | 0.48   | cps   |
| Indium     | 115-1 | 11018328 | 11152466 | 11077189 | 11082661 | 0.61   | cps   |
| Indium     | 115-2 | 1680411  | 1724017  | 1752450  | 1718959  | 2.11   | cps   |
| Iron       | 54-2  | 1022     | 772      | 922      | 906      | 13.90  | cps   |
| Iron       | 56-2  | 6563     | 6168     | 6385     | 6372     | 3.10   | cps   |
| Iron       | 57-2  | 206      | 217      | 178      | 200      | 10.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:47:05 | DataFile Name :   | 052CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11763    | 11668    | 11750    | 11727    | 0.44   | cps   |
| Lead       | 206-1 | 861      | 817      | 883      | 854      | 3.98   | cps   |
| Lead       | 207-1 | 711      | 744      | 711      | 722      | 2.67   | cps   |
| Lead       | 208-1 | 3384     | 3517     | 3522     | 3474     | 2.26   | cps   |
| Lithium    | 6-1   | 10818700 | 10700228 | 10748848 | 10755925 | 0.55   | cps   |
| Magnesium  | 24-2  | 467      | 542      | 525      | 511      | 7.70   | cps   |
| Manganese  | 55-2  | 107      | 103      | 113      | 108      | 4.72   | cps   |
| Molybdenum | 94-1  | 383      | 350      | 208      | 314      | 29.60  | cps   |
| Molybdenum | 95-1  | 117      | 142      | 58       | 106      | 40.52  | cps   |
| Molybdenum | 96-1  | 383      | 442      | 383      | 403      | 8.36   | cps   |
| Molybdenum | 97-1  | 42       | 67       | 67       | 58       | 24.74  | cps   |
| Molybdenum | 98-1  | 183      | 175      | 167      | 175      | 4.76   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 13       | 3        | 0        | 6        | 124.93 | cps   |
| Nickel     | 60-2  | 80       | 23       | 67       | 57       | 52.29  | cps   |
| Phosphorus | 31-2  | 167      | 133      | 125      | 142      | 15.56  | cps   |
| Potassium  | 39-2  | 24939    | 24413    | 25298    | 24883    | 1.79   | cps   |
| Rhodium    | 103-1 | 10898909 | 10898704 | 10809531 | 10869048 | 0.47   | cps   |
| Rhodium    | 103-2 | 4512976  | 4615227  | 4607648  | 4578617  | 1.24   | cps   |
| Scandium   | 45-1  | 9718743  | 9699445  | 9763387  | 9727191  | 0.34   | cps   |
| Scandium   | 45-2  | 277093   | 278221   | 280162   | 278492   | 0.56   | cps   |
| Selenium   | 82-1  | -234     | -94      | -51      | -126     | -75.65 | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 132      | 127      | 139      | 133      | 4.55   | cps   |
| Silicon    | 28-1  | 1036505  | 1041101  | 1004385  | 1027330  | 1.95   | cps   |
| Silver     | 107-1 | 258      | 342      | 400      | 333      | 21.36  | cps   |
| Silver     | 109-1 | 275      | 275      | 158      | 236      | 28.53  | cps   |
| Sodium     | 23-2  | 46366    | 47335    | 46901    | 46867    | 1.04   | cps   |
| Strontium  | 86-1  | 19080    | 18846    | 18654    | 18860    | 1.13   | cps   |
| Strontium  | 88-1  | 325      | 558      | 367      | 417      | 29.87  | cps   |
| Sulfur     | 34-1  | 468913   | 473954   | 479810   | 474226   | 1.15   | cps   |
| Terbium    | 159-1 | 11382855 | 11259192 | 11819195 | 11487081 | 2.56   | cps   |
| Terbium    | 159-2 | 4868990  | 5053721  | 4857275  | 4926662  | 2.24   | cps   |
| Thallium   | 203-1 | 367      | 425      | 383      | 392      | 7.67   | cps   |
| Thallium   | 205-1 | 1008     | 1000     | 1108     | 1039     | 5.80   | cps   |
| Tin        | 118-1 | 1559     | 1492     | 1567     | 1539     | 2.67   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:47:05 | DataFile Name :   | 052CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 550      | 475      | 408      | 478      | 14.83  | cps   |
| Uranium   | 238-1 | 42       | 17       | 33       | 31       | 41.66  | cps   |
| Vanadium  | 51-2  | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Ytterbium | 172-1 | 67       | 58       | 75       | 67       | 12.50  | cps   |
| Ytterbium | 172-2 | 33       | 22       | 17       | 24       | 35.24  | cps   |
| Ytterbium | 176-1 | 1483     | 1692     | 1717     | 1631     | 7.86   | cps   |
| Ytterbium | 176-2 | 6869     | 7058     | 7474     | 7134     | 4.35   | cps   |
| Yttrium   | 89-1  | 18758529 | 19211529 | 18957341 | 18975800 | 1.20   | cps   |
| Yttrium   | 89-2  | 2007135  | 2099390  | 2099822  | 2068782  | 2.58   | cps   |
| Zinc      | 66-2  | 147      | 183      | 183      | 171      | 12.37  | cps   |
| Zirconium | 90-1  | 842      | 850      | 858      | 850      | 0.98   | cps   |
| Zirconium | 91-1  | 175      | 192      | 117      | 161      | 24.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 975265   | 967426   | 942387   | 961692   | 1.79   | cps   |
| Antimony   | 121-1 | 3850788  | 3819094  | 3911097  | 3860326  | 1.21   | cps   |
| Arsenic    | 75-2  | 145337   | 142783   | 141718   | 143279   | 1.30   | cps   |
| Barium     | 135-1 | 5147057  | 5374722  | 5258957  | 5260245  | 2.16   | cps   |
| Barium     | 137-1 | 9171596  | 8933597  | 9143484  | 9082892  | 1.43   | cps   |
| Beryllium  | 9-1   | 2910406  | 2976401  | 2808745  | 2898517  | 2.91   | cps   |
| Bismuth    | 209-1 | 6281130  | 6183270  | 6182996  | 6215799  | 0.91   | cps   |
| Bismuth    | 209-2 | 3335581  | 3361836  | 3432580  | 3376666  | 1.49   | cps   |
| Boron      | 10-1  | 675890   | 708029   | 750594   | 711505   | 5.27   | cps   |
| Boron      | 11-1  | 2877526  | 2942429  | 3059741  | 2959899  | 3.12   | cps   |
| Bromine    | 81-1  | 84751    | 82710    | 79963    | 82475    | 2.91   | cps   |
| Cadmium    | 111-1 | 1345559  | 1351499  | 1336446  | 1344502  | 0.56   | cps   |
| Cadmium    | 106-1 | 160902   | 155314   | 158255   | 158157   | 1.77   | cps   |
| Cadmium    | 108-1 | 104578   | 104260   | 103695   | 104178   | 0.43   | cps   |
| Calcium    | 43-1  | 2183412  | 2196736  | 2185242  | 2188463  | 0.33   | cps   |
| Calcium    | 44-1  | 35641022 | 34822314 | 35120605 | 35194647 | 1.18   | cps   |
| Carbon     | 12-1  | 10642898 | 10656629 | 10530230 | 10609919 | 0.65   | cps   |
| Carbon     | 12-2  | 101390   | 102355   | 100058   | 101268   | 1.14   | cps   |
| Chlorine   | 35-1  | 1290274  | 1286484  | 1279126  | 1285295  | 0.44   | cps   |
| Chlorine   | 35-2  | 8219     | 9011     | 8403     | 8544     | 4.85   | cps   |
| Chromium   | 52-2  | 1557663  | 1516775  | 1487429  | 1520622  | 2.32   | cps   |
| Cobalt     | 59-2  | 2705229  | 2700505  | 2618161  | 2674631  | 1.83   | cps   |
| Copper     | 63-2  | 20221395 | 19763375 | 19611078 | 19865282 | 1.60   | cps   |
| Dysprosium | 156-1 | 275      | 275      | 300      | 283      | 5.09   | cps   |
| Dysprosium | 156-2 | 93       | 93       | 130      | 106      | 20.05  | cps   |
| Erbium     | 164-1 | 108      | 117      | 167      | 131      | 24.16  | cps   |
| Erbium     | 164-2 | 40       | 57       | 50       | 49       | 17.16  | cps   |
| Gadolinium | 160-1 | 333      | 317      | 267      | 306      | 11.35  | cps   |
| Gadolinium | 160-2 | 183      | 157      | 187      | 176      | 9.37   | cps   |
| Holmium    | 165-1 | 11389316 | 11112826 | 11267983 | 11256709 | 1.23   | cps   |
| Holmium    | 165-2 | 5084089  | 5025146  | 5170499  | 5093244  | 1.44   | cps   |
| Indium     | 115-1 | 11092439 | 10583570 | 10917721 | 10864577 | 2.38   | cps   |
| Indium     | 115-2 | 1696958  | 1638576  | 1617864  | 1651133  | 2.48   | cps   |
| Iron       | 54-2  | 3541765  | 3479608  | 3460959  | 3494111  | 1.21   | cps   |
| Iron       | 56-2  | 63288897 | 62196139 | 60257057 | 61914031 | 2.48   | cps   |
| Iron       | 57-2  | 1643799  | 1610810  | 1615850  | 1623486  | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11463    | 11408    | 11505    | 11459    | 0.42   | cps   |
| Lead       | 206-1 | 13676357 | 13545979 | 14543686 | 13922007 | 3.90   | cps   |
| Lead       | 207-1 | 11870380 | 11947696 | 12448782 | 12088953 | 2.60   | cps   |
| Lead       | 208-1 | 54896327 | 54888235 | 56795056 | 55526539 | 1.98   | cps   |
| Lithium    | 6-1   | 10825617 | 10828434 | 10768483 | 10807511 | 0.31   | cps   |
| Magnesium  | 24-2  | 13509697 | 13608376 | 13203646 | 13440573 | 1.57   | cps   |
| Manganese  | 55-2  | 8178891  | 8220094  | 8078917  | 8159301  | 0.89   | cps   |
| Molybdenum | 94-1  | 18792357 | 18111813 | 18255983 | 18386718 | 1.95   | cps   |
| Molybdenum | 95-1  | 26279360 | 25991672 | 26368451 | 26213161 | 0.75   | cps   |
| Molybdenum | 96-1  | 28861667 | 28516731 | 27747591 | 28375330 | 2.01   | cps   |
| Molybdenum | 97-1  | 16034076 | 15914769 | 15445385 | 15798077 | 1.97   | cps   |
| Molybdenum | 98-1  | 41509345 | 41153679 | 40495648 | 41052891 | 1.25   | cps   |
| Neodymium  | 150-1 | 433      | 453      | 407      | 431      | 5.43   | cps   |
| Neodymium  | 150-2 | 50       | 17       | 30       | 32       | 52.06  | cps   |
| Nickel     | 60-2  | 698946   | 690771   | 673011   | 687576   | 1.93   | cps   |
| Phosphorus | 31-2  | 59707    | 59339    | 58043    | 59029    | 1.48   | cps   |
| Potassium  | 39-2  | 5008539  | 4916967  | 4930463  | 4951990  | 1.00   | cps   |
| Rhodium    | 103-1 | 10801024 | 10570869 | 10494515 | 10622136 | 1.50   | cps   |
| Rhodium    | 103-2 | 4408291  | 4375089  | 4311063  | 4364815  | 1.13   | cps   |
| Scandium   | 45-1  | 9870009  | 9747696  | 9798684  | 9805463  | 0.63   | cps   |
| Scandium   | 45-2  | 284291   | 285269   | 272389   | 280650   | 2.56   | cps   |
| Selenium   | 82-1  | 119843   | 121210   | 121136   | 120730   | 0.64   | cps   |
| Selenium   | 77-2  | 3544     | 3727     | 3384     | 3552     | 4.84   | cps   |
| Selenium   | 78-2  | 12266    | 12121    | 11827    | 12071    | 1.85   | cps   |
| Silicon    | 28-1  | 40447211 | 41110701 | 40560372 | 40706095 | 0.87   | cps   |
| Silver     | 107-1 | 6900224  | 6710403  | 6849407  | 6820011  | 1.44   | cps   |
| Silver     | 109-1 | 6751857  | 6500311  | 6475043  | 6575737  | 2.33   | cps   |
| Sodium     | 23-2  | 24942181 | 24970057 | 24229294 | 24713844 | 1.70   | cps   |
| Strontium  | 86-1  | 1803562  | 1867125  | 1860607  | 1843765  | 1.90   | cps   |
| Strontium  | 88-1  | 15422740 | 15633270 | 15341881 | 15465964 | 0.97   | cps   |
| Sulfur     | 34-1  | 1232686  | 1223354  | 1200413  | 1218818  | 1.36   | cps   |
| Terbium    | 159-1 | 12331455 | 12130566 | 11965524 | 12142515 | 1.51   | cps   |
| Terbium    | 159-2 | 4845450  | 5089451  | 4954266  | 4963056  | 2.46   | cps   |
| Thallium   | 203-1 | 3524601  | 3513297  | 3668700  | 3568866  | 2.43   | cps   |
| Thallium   | 205-1 | 7870723  | 8127359  | 8365354  | 8121145  | 3.05   | cps   |
| Tin        | 118-1 | 3973500  | 3835299  | 4002916  | 3937238  | 2.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB143904BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB143904BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:50:07 | DataFile Name :   | 053LCS6.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9391106  | 9346492  | 9390061  | 9375886  | 0.27   | cps   |
| Uranium   | 238-1 | 10348496 | 10515700 | 9921918  | 10262038 | 2.98   | cps   |
| Vanadium  | 51-2  | 1161988  | 1159945  | 1147758  | 1156564  | 0.67   | cps   |
| Ytterbium | 172-1 | 92       | 75       | 142      | 103      | 33.76  | cps   |
| Ytterbium | 172-2 | 56       | 28       | 28       | 37       | 43.30  | cps   |
| Ytterbium | 176-1 | 17128    | 16436    | 16085    | 16550    | 3.21   | cps   |
| Ytterbium | 176-2 | 13468    | 13997    | 13680    | 13715    | 1.94   | cps   |
| Yttrium   | 89-1  | 19365391 | 18881355 | 19431196 | 19225981 | 1.56   | cps   |
| Yttrium   | 89-2  | 2085286  | 2025596  | 1976081  | 2028988  | 2.70   | cps   |
| Zinc      | 66-2  | 2643785  | 2592091  | 2485943  | 2573940  | 3.13   | cps   |
| Zirconium | 90-1  | 9545572  | 9551448  | 9483854  | 9526958  | 0.39   | cps   |
| Zirconium | 91-1  | 2110635  | 2143462  | 2187858  | 2147318  | 1.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 842794    | 864446    | 886840    | 864693    | 2.55   | cps   |
| Antimony   | 121-1 | 2203573   | 2267341   | 2186247   | 2219054   | 1.92   | cps   |
| Arsenic    | 75-2  | 120047    | 120294    | 121918    | 120753    | 0.84   | cps   |
| Barium     | 135-1 | 4857599   | 5055250   | 4954350   | 4955733   | 1.99   | cps   |
| Barium     | 137-1 | 8064011   | 8407584   | 8444985   | 8305527   | 2.53   | cps   |
| Beryllium  | 9-1   | 1922759   | 1970839   | 2004858   | 1966152   | 2.10   | cps   |
| Bismuth    | 209-1 | 4139431   | 4238014   | 4300557   | 4226001   | 1.92   | cps   |
| Bismuth    | 209-2 | 2660367   | 2680492   | 2755652   | 2698837   | 1.86   | cps   |
| Boron      | 10-1  | 1690166   | 1754379   | 1864908   | 1769818   | 4.99   | cps   |
| Boron      | 11-1  | 7766426   | 8045900   | 8201344   | 8004556   | 2.75   | cps   |
| Bromine    | 81-1  | 400206    | 427767    | 452915    | 426962    | 6.17   | cps   |
| Cadmium    | 111-1 | 821165    | 819571    | 837628    | 826121    | 1.21   | cps   |
| Cadmium    | 106-1 | 105117    | 102355    | 105480    | 104317    | 1.64   | cps   |
| Cadmium    | 108-1 | 65916     | 64341     | 65986     | 65414     | 1.42   | cps   |
| Calcium    | 43-1  | 13941485  | 14605848  | 14400190  | 14315841  | 2.38   | cps   |
| Calcium    | 44-1  | 226949267 | 230887954 | 230507287 | 229448169 | 0.95   | cps   |
| Carbon     | 12-1  | 16912401  | 17963733  | 18383258  | 17753131  | 4.27   | cps   |
| Carbon     | 12-2  | 190431    | 196264    | 202202    | 196299    | 3.00   | cps   |
| Chlorine   | 35-1  | 87530475  | 103630456 | 117894490 | 103018474 | 14.75  | cps   |
| Chlorine   | 35-2  | 1028835   | 1170238   | 1278332   | 1159135   | 10.79  | cps   |
| Chromium   | 52-2  | 1403124   | 1432553   | 1474238   | 1436638   | 2.49   | cps   |
| Cobalt     | 59-2  | 2167275   | 2234241   | 2248364   | 2216627   | 1.95   | cps   |
| Copper     | 63-2  | 17080431  | 17126545  | 17523577  | 17243517  | 1.41   | cps   |
| Dysprosium | 156-1 | 742       | 792       | 667       | 733       | 8.58   | cps   |
| Dysprosium | 156-2 | 257       | 300       | 340       | 299       | 13.95  | cps   |
| Erbium     | 164-1 | 650       | 642       | 675       | 656       | 2.65   | cps   |
| Erbium     | 164-2 | 337       | 310       | 310       | 319       | 4.83   | cps   |
| Gadolinium | 160-1 | 575       | 692       | 592       | 619       | 10.19  | cps   |
| Gadolinium | 160-2 | 373       | 413       | 387       | 391       | 5.21   | cps   |
| Holmium    | 165-1 | 9011004   | 9587643   | 9694127   | 9430925   | 3.90   | cps   |
| Holmium    | 165-2 | 4589622   | 4731632   | 4826096   | 4715783   | 2.52   | cps   |
| Indium     | 115-1 | 8392935   | 8569384   | 8330102   | 8430807   | 1.47   | cps   |
| Indium     | 115-2 | 1433595   | 1479319   | 1485813   | 1466242   | 1.94   | cps   |
| Iron       | 54-2  | 3057823   | 3136517   | 3088798   | 3094379   | 1.28   | cps   |
| Iron       | 56-2  | 52923885  | 55021226  | 53950083  | 53965065  | 1.94   | cps   |
| Iron       | 57-2  | 1290353   | 1410792   | 1455811   | 1385652   | 6.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Krypton    | 83-1  | 11417      | 11647      | 11516      | 11527      | 1.00   | cps   |
| Lead       | 206-1 | 10023623   | 10135718   | 10099870   | 10086404   | 0.57   | cps   |
| Lead       | 207-1 | 8718623    | 8981692    | 8903237    | 8867851    | 1.52   | cps   |
| Lead       | 208-1 | 39583589   | 41031893   | 40721001   | 40445494   | 1.89   | cps   |
| Lithium    | 6-1   | 8549830    | 8912842    | 8907843    | 8790172    | 2.37   | cps   |
| Magnesium  | 24-2  | 26960077   | 26902454   | 27443491   | 27102007   | 1.10   | cps   |
| Manganese  | 55-2  | 8137056    | 8242892    | 8353152    | 8244367    | 1.31   | cps   |
| Molybdenum | 94-1  | 8591824    | 8805115    | 8703878    | 8700272    | 1.23   | cps   |
| Molybdenum | 95-1  | 10807380   | 10719561   | 11023826   | 10850256   | 1.44   | cps   |
| Molybdenum | 96-1  | 12109233   | 11757234   | 11956626   | 11941031   | 1.48   | cps   |
| Molybdenum | 97-1  | 6542701    | 6462208    | 6635230    | 6546713    | 1.32   | cps   |
| Molybdenum | 98-1  | 16974955   | 16832770   | 16964136   | 16923954   | 0.47   | cps   |
| Neodymium  | 150-1 | 1253       | 1080       | 1233       | 1189       | 7.98   | cps   |
| Neodymium  | 150-2 | 247        | 287        | 290        | 274        | 8.79   | cps   |
| Nickel     | 60-2  | 605772     | 618383     | 614419     | 612858     | 1.05   | cps   |
| Phosphorus | 31-2  | 267        | 317        | 192        | 258        | 24.36  | cps   |
| Potassium  | 39-2  | 6788346    | 6994861    | 7116474    | 6966560    | 2.38   | cps   |
| Rhodium    | 103-1 | 7804452    | 7905110    | 7745214    | 7818259    | 1.03   | cps   |
| Rhodium    | 103-2 | 3582562    | 3692847    | 3704766    | 3660058    | 1.84   | cps   |
| Scandium   | 45-1  | 8208636    | 8467801    | 8570212    | 8415549    | 2.21   | cps   |
| Scandium   | 45-2  | 259992     | 267474     | 273283     | 266916     | 2.50   | cps   |
| Selenium   | 82-1  | 72229      | 72299      | 71940      | 72156      | 0.26   | cps   |
| Selenium   | 77-2  | 2444       | 2594       | 2520       | 2519       | 2.98   | cps   |
| Selenium   | 78-2  | 8420       | 8461       | 8603       | 8495       | 1.12   | cps   |
| Silicon    | 28-1  | 70848039   | 71340020   | 71956377   | 71381479   | 0.78   | cps   |
| Silver     | 107-1 | 4052120    | 4131703    | 3954519    | 4046114    | 2.19   | cps   |
| Silver     | 109-1 | 3866351    | 3879442    | 3882921    | 3876238    | 0.23   | cps   |
| Sodium     | 23-2  | 1059759924 | 1087350624 | 1122127258 | 1089745935 | 2.87   | cps   |
| Strontium  | 86-1  | 9237847    | 9251144    | 9215799    | 9234930    | 0.19   | cps   |
| Strontium  | 88-1  | 78603998   | 78218243   | 79146381   | 78656207   | 0.59   | cps   |
| Sulfur     | 34-1  | 2287493    | 2298025    | 2344503    | 2310007    | 1.31   | cps   |
| Terbium    | 159-1 | 9616862    | 9977481    | 9622030    | 9738791    | 2.12   | cps   |
| Terbium    | 159-2 | 4597652    | 4624952    | 4540826    | 4587810    | 0.94   | cps   |
| Thallium   | 203-1 | 2484569    | 2508920    | 2519796    | 2504428    | 0.72   | cps   |
| Thallium   | 205-1 | 5757049    | 5934482    | 5963163    | 5884898    | 1.90   | cps   |
| Tin        | 118-1 | 2938981    | 2980002    | 2975283    | 2964756    | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MS             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:53:00 | DataFile Name :   | 054AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3813864  | 3944639  | 3869353  | 3875952  | 1.69   | cps   |
| Uranium   | 238-1 | 7694317  | 8083031  | 8104320  | 7960556  | 2.90   | cps   |
| Vanadium  | 51-2  | 1049797  | 1065773  | 1082059  | 1065876  | 1.51   | cps   |
| Ytterbium | 172-1 | 1083     | 1108     | 1333     | 1175     | 11.72  | cps   |
| Ytterbium | 172-2 | 522      | 600      | 628      | 583      | 9.38   | cps   |
| Ytterbium | 176-1 | 1942     | 2217     | 2192     | 2117     | 7.18   | cps   |
| Ytterbium | 176-2 | 6563     | 7208     | 7419     | 7063     | 6.31   | cps   |
| Yttrium   | 89-1  | 16148437 | 15857851 | 16131480 | 16045923 | 1.02   | cps   |
| Yttrium   | 89-2  | 1918302  | 1928387  | 1975123  | 1940604  | 1.56   | cps   |
| Zinc      | 66-2  | 1415628  | 1439106  | 1447805  | 1434180  | 1.16   | cps   |
| Zirconium | 90-1  | 7396282  | 7408081  | 7536982  | 7447115  | 1.05   | cps   |
| Zirconium | 91-1  | 1704881  | 1708758  | 1743198  | 1718946  | 1.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 887775    | 907904    | 901585    | 899088    | 1.14   | cps   |
| Antimony   | 121-1 | 2248288   | 2310487   | 2322526   | 2293767   | 1.74   | cps   |
| Arsenic    | 75-2  | 124074    | 125899    | 126060    | 125344    | 0.88   | cps   |
| Barium     | 135-1 | 5348998   | 5006221   | 5188477   | 5181232   | 3.31   | cps   |
| Barium     | 137-1 | 8874504   | 8994282   | 8915246   | 8928010   | 0.68   | cps   |
| Beryllium  | 9-1   | 2128157   | 2063798   | 2143379   | 2111778   | 2.00   | cps   |
| Bismuth    | 209-1 | 4300889   | 4407368   | 4300889   | 4336382   | 1.42   | cps   |
| Bismuth    | 209-2 | 2748753   | 2721354   | 2792749   | 2754285   | 1.31   | cps   |
| Boron      | 10-1  | 1936107   | 1931700   | 2026687   | 1964831   | 2.73   | cps   |
| Boron      | 11-1  | 8901004   | 8905637   | 9027573   | 8944738   | 0.80   | cps   |
| Bromine    | 81-1  | 477148    | 515679    | 526117    | 506315    | 5.09   | cps   |
| Cadmium    | 111-1 | 878137    | 878206    | 886425    | 880922    | 0.54   | cps   |
| Cadmium    | 106-1 | 110737    | 109266    | 112282    | 110761    | 1.36   | cps   |
| Cadmium    | 108-1 | 69533     | 68917     | 71396     | 69949     | 1.85   | cps   |
| Calcium    | 43-1  | 15370868  | 15249680  | 15435813  | 15352121  | 0.62   | cps   |
| Calcium    | 44-1  | 247558561 | 254445495 | 252922475 | 251642177 | 1.44   | cps   |
| Carbon     | 12-1  | 19074851  | 20022324  | 20699250  | 19932142  | 4.09   | cps   |
| Carbon     | 12-2  | 211637    | 214490    | 216637    | 214255    | 1.17   | cps   |
| Chlorine   | 35-1  | 146238449 | 163126545 | 172558512 | 160641169 | 8.30   | cps   |
| Chlorine   | 35-2  | 1420680   | 1451841   | 1544801   | 1472441   | 4.39   | cps   |
| Chromium   | 52-2  | 1553769   | 1522371   | 1520482   | 1532207   | 1.22   | cps   |
| Cobalt     | 59-2  | 2309251   | 2328808   | 2333087   | 2323715   | 0.55   | cps   |
| Copper     | 63-2  | 17511396  | 17736393  | 18233213  | 17827001  | 2.07   | cps   |
| Dysprosium | 156-1 | 858       | 858       | 833       | 850       | 1.70   | cps   |
| Dysprosium | 156-2 | 283       | 257       | 263       | 268       | 5.18   | cps   |
| Erbium     | 164-1 | 683       | 658       | 708       | 683       | 3.66   | cps   |
| Erbium     | 164-2 | 277       | 357       | 300       | 311       | 13.23  | cps   |
| Gadolinium | 160-1 | 733       | 642       | 658       | 678       | 7.20   | cps   |
| Gadolinium | 160-2 | 373       | 367       | 360       | 367       | 1.82   | cps   |
| Holmium    | 165-1 | 9837328   | 9951389   | 9550564   | 9779760   | 2.11   | cps   |
| Holmium    | 165-2 | 4673243   | 4745079   | 4778993   | 4732438   | 1.14   | cps   |
| Indium     | 115-1 | 8871671   | 9032804   | 9148203   | 9017559   | 1.54   | cps   |
| Indium     | 115-2 | 1490912   | 1488714   | 1543651   | 1507759   | 2.06   | cps   |
| Iron       | 54-2  | 3182218   | 3292239   | 3257934   | 3244130   | 1.74   | cps   |
| Iron       | 56-2  | 56589715  | 57460355  | 56818785  | 56956285  | 0.79   | cps   |
| Iron       | 57-2  | 1449886   | 1494721   | 1501378   | 1481995   | 1.89   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Krypton    | 83-1  | 12400      | 12363      | 12350      | 12371      | 0.21   | cps   |
| Lead       | 206-1 | 10521245   | 10675885   | 10500022   | 10565717   | 0.91   | cps   |
| Lead       | 207-1 | 9206683    | 9344239    | 9308225    | 9286382    | 0.77   | cps   |
| Lead       | 208-1 | 41509720   | 43172059   | 42206181   | 42295987   | 1.97   | cps   |
| Lithium    | 6-1   | 9574865    | 9411550    | 9551285    | 9512567    | 0.93   | cps   |
| Magnesium  | 24-2  | 27414861   | 28362098   | 28864112   | 28213690   | 2.61   | cps   |
| Manganese  | 55-2  | 8352772    | 8636139    | 8482417    | 8490443    | 1.67   | cps   |
| Molybdenum | 94-1  | 9575523    | 9438490    | 9484417    | 9499476    | 0.73   | cps   |
| Molybdenum | 95-1  | 11426301   | 11351677   | 11769811   | 11515930   | 1.94   | cps   |
| Molybdenum | 96-1  | 12483151   | 12856290   | 12800804   | 12713415   | 1.58   | cps   |
| Molybdenum | 97-1  | 7184403    | 6953280    | 7002626    | 7046770    | 1.73   | cps   |
| Molybdenum | 98-1  | 18658055   | 18227245   | 18438581   | 18441293   | 1.17   | cps   |
| Neodymium  | 150-1 | 1173       | 1020       | 1180       | 1125       | 8.05   | cps   |
| Neodymium  | 150-2 | 257        | 350        | 290        | 299        | 15.82  | cps   |
| Nickel     | 60-2  | 620123     | 634632     | 631963     | 628906     | 1.23   | cps   |
| Phosphorus | 31-2  | 192        | 275        | 292        | 253        | 21.20  | cps   |
| Potassium  | 39-2  | 7269334    | 7331531    | 7198381    | 7266416    | 0.92   | cps   |
| Rhodium    | 103-1 | 8416973    | 8371462    | 8375792    | 8388076    | 0.30   | cps   |
| Rhodium    | 103-2 | 3718261    | 3772817    | 3773360    | 3754813    | 0.84   | cps   |
| Scandium   | 45-1  | 8987759    | 9212342    | 9101482    | 9100528    | 1.23   | cps   |
| Scandium   | 45-2  | 273720     | 280032     | 279097     | 277617     | 1.23   | cps   |
| Selenium   | 82-1  | 75295      | 76565      | 76842      | 76234      | 1.08   | cps   |
| Selenium   | 77-2  | 2410       | 2700       | 2334       | 2481       | 7.80   | cps   |
| Selenium   | 78-2  | 8734       | 8700       | 8698       | 8710       | 0.23   | cps   |
| Silicon    | 28-1  | 75791043   | 75753610   | 74115410   | 75220021   | 1.27   | cps   |
| Silver     | 107-1 | 4051238    | 3899598    | 4254236    | 4068357    | 4.37   | cps   |
| Silver     | 109-1 | 3926121    | 3646582    | 3851950    | 3808218    | 3.80   | cps   |
| Sodium     | 23-2  | 1126508225 | 1128772459 | 1116649758 | 1123976814 | 0.57   | cps   |
| Strontium  | 86-1  | 10151023   | 9541596    | 9557739    | 9750119    | 3.56   | cps   |
| Strontium  | 88-1  | 86341644   | 83013831   | 83799825   | 84385100   | 2.06   | cps   |
| Sulfur     | 34-1  | 2385695    | 2402390    | 2437684    | 2408590    | 1.10   | cps   |
| Terbium    | 159-1 | 10268543   | 10476432   | 10094689   | 10279888   | 1.86   | cps   |
| Terbium    | 159-2 | 4642215    | 4669369    | 4655281    | 4655622    | 0.29   | cps   |
| Thallium   | 203-1 | 2710716    | 2585583    | 2682823    | 2659707    | 2.47   | cps   |
| Thallium   | 205-1 | 6264555    | 6043172    | 6239591    | 6182439    | 1.96   | cps   |
| Tin        | 118-1 | 3161182    | 3128078    | 3111613    | 3133624    | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13MSD            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:55:55 | DataFile Name :   | 055AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 4263150  | 4172039  | 4360778  | 4265322  | 2.21   | cps   |
| Uranium   | 238-1 | 8542440  | 8664242  | 8245914  | 8484198  | 2.54   | cps   |
| Vanadium  | 51-2  | 1100517  | 1113398  | 1115075  | 1109663  | 0.72   | cps   |
| Ytterbium | 172-1 | 1108     | 1250     | 992      | 1117     | 11.59  | cps   |
| Ytterbium | 172-2 | 700      | 639      | 617      | 652      | 6.62   | cps   |
| Ytterbium | 176-1 | 2375     | 2342     | 2234     | 2317     | 3.20   | cps   |
| Ytterbium | 176-2 | 6652     | 7324     | 7369     | 7115     | 5.65   | cps   |
| Yttrium   | 89-1  | 17391667 | 16811104 | 17191523 | 17131431 | 1.72   | cps   |
| Yttrium   | 89-2  | 1957054  | 2017061  | 2004299  | 1992805  | 1.59   | cps   |
| Zinc      | 66-2  | 1509736  | 1553656  | 1604420  | 1555937  | 3.05   | cps   |
| Zirconium | 90-1  | 8097519  | 7796939  | 8052715  | 7982391  | 2.03   | cps   |
| Zirconium | 91-1  | 1806552  | 1741352  | 1839292  | 1795732  | 2.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 936829    | 930280    | 941177    | 936095    | 0.59   | cps   |
| Antimony   | 121-1 | 2368225   | 2430474   | 2378688   | 2392463   | 1.39   | cps   |
| Arsenic    | 75-2  | 130794    | 130484    | 131678    | 130985    | 0.47   | cps   |
| Barium     | 135-1 | 5483867   | 5382543   | 5338829   | 5401746   | 1.38   | cps   |
| Barium     | 137-1 | 9159630   | 9426530   | 9125396   | 9237185   | 1.78   | cps   |
| Beryllium  | 9-1   | 2211625   | 2181493   | 2216486   | 2203201   | 0.86   | cps   |
| Bismuth    | 209-1 | 4382977   | 4557295   | 4482498   | 4474256   | 1.95   | cps   |
| Bismuth    | 209-2 | 2895445   | 2880189   | 2739489   | 2838374   | 3.03   | cps   |
| Boron      | 10-1  | 2044114   | 2085925   | 2144567   | 2091535   | 2.41   | cps   |
| Boron      | 11-1  | 9340596   | 9583019   | 9782473   | 9568696   | 2.31   | cps   |
| Bromine    | 81-1  | 476802    | 514605    | 534110    | 508506    | 5.73   | cps   |
| Cadmium    | 111-1 | 927114    | 914165    | 909101    | 916793    | 1.01   | cps   |
| Cadmium    | 106-1 | 117519    | 115871    | 116459    | 116617    | 0.72   | cps   |
| Cadmium    | 108-1 | 72255     | 71032     | 70953     | 71413     | 1.02   | cps   |
| Calcium    | 43-1  | 16454341  | 16284814  | 16496842  | 16411999  | 0.68   | cps   |
| Calcium    | 44-1  | 260474401 | 263485825 | 262624432 | 262194886 | 0.59   | cps   |
| Carbon     | 12-1  | 19132636  | 20286557  | 20722514  | 20047236  | 4.10   | cps   |
| Carbon     | 12-2  | 207467    | 209571    | 213874    | 210304    | 1.55   | cps   |
| Chlorine   | 35-1  | 166882733 | 182097125 | 193989059 | 180989639 | 7.51   | cps   |
| Chlorine   | 35-2  | 1548456   | 1590475   | 1636377   | 1591769   | 2.76   | cps   |
| Chromium   | 52-2  | 1576462   | 1557450   | 1541755   | 1558555   | 1.12   | cps   |
| Cobalt     | 59-2  | 2395642   | 2500186   | 2409649   | 2435159   | 2.33   | cps   |
| Copper     | 63-2  | 18675473  | 18880157  | 18928462  | 18828031  | 0.71   | cps   |
| Dysprosium | 156-1 | 758       | 842       | 642       | 747       | 13.45  | cps   |
| Dysprosium | 156-2 | 363       | 257       | 307       | 309       | 17.28  | cps   |
| Erbium     | 164-1 | 625       | 792       | 658       | 692       | 12.75  | cps   |
| Erbium     | 164-2 | 320       | 293       | 330       | 314       | 6.03   | cps   |
| Gadolinium | 160-1 | 725       | 800       | 667       | 731       | 9.15   | cps   |
| Gadolinium | 160-2 | 387       | 403       | 427       | 406       | 4.95   | cps   |
| Holmium    | 165-1 | 10129084  | 10317758  | 10305097  | 10250646  | 1.03   | cps   |
| Holmium    | 165-2 | 5064324   | 4985764   | 4989773   | 5013287   | 0.88   | cps   |
| Indium     | 115-1 | 8926767   | 9299640   | 9174975   | 9133794   | 2.08   | cps   |
| Indium     | 115-2 | 1597534   | 1545004   | 1572317   | 1571618   | 1.67   | cps   |
| Iron       | 54-2  | 3389117   | 3427023   | 3321325   | 3379155   | 1.58   | cps   |
| Iron       | 56-2  | 58785854  | 60014790  | 59306965  | 59369203  | 1.04   | cps   |
| Iron       | 57-2  | 1567238   | 1563808   | 1536912   | 1555986   | 1.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Krypton    | 83-1  | 12802      | 13221      | 12997      | 13006      | 1.61   | cps   |
| Lead       | 206-1 | 10769081   | 10847435   | 11170644   | 10929054   | 1.95   | cps   |
| Lead       | 207-1 | 9269340    | 9602573    | 9529855    | 9467256    | 1.85   | cps   |
| Lead       | 208-1 | 42797575   | 43738592   | 43599273   | 43378480   | 1.17   | cps   |
| Lithium    | 6-1   | 10088431   | 10300219   | 10136122   | 10174924   | 1.09   | cps   |
| Magnesium  | 24-2  | 29140782   | 29065888   | 28383109   | 28863260   | 1.45   | cps   |
| Manganese  | 55-2  | 8909236    | 8962114    | 8813432    | 8894928    | 0.85   | cps   |
| Molybdenum | 94-1  | 9880700    | 9907176    | 9681730    | 9823202    | 1.25   | cps   |
| Molybdenum | 95-1  | 11925955   | 11822122   | 11964991   | 11904356   | 0.62   | cps   |
| Molybdenum | 96-1  | 13394900   | 13437734   | 13199493   | 13344042   | 0.95   | cps   |
| Molybdenum | 97-1  | 7247338    | 7550278    | 7493250    | 7430289    | 2.17   | cps   |
| Molybdenum | 98-1  | 19113523   | 19177103   | 19387366   | 19225997   | 0.75   | cps   |
| Neodymium  | 150-1 | 1160       | 1160       | 1093       | 1138       | 3.38   | cps   |
| Neodymium  | 150-2 | 297        | 337        | 327        | 320        | 6.51   | cps   |
| Nickel     | 60-2  | 660416     | 669379     | 665489     | 665095     | 0.68   | cps   |
| Phosphorus | 31-2  | 258        | 300        | 333        | 297        | 12.64  | cps   |
| Potassium  | 39-2  | 7635975    | 7664059    | 7684422    | 7661485    | 0.32   | cps   |
| Rhodium    | 103-1 | 8604476    | 8660632    | 8882606    | 8715905    | 1.69   | cps   |
| Rhodium    | 103-2 | 3927717    | 3900868    | 3954794    | 3927793    | 0.69   | cps   |
| Scandium   | 45-1  | 9592570    | 9443129    | 9579518    | 9538406    | 0.87   | cps   |
| Scandium   | 45-2  | 291662     | 290127     | 287979     | 289923     | 0.64   | cps   |
| Selenium   | 82-1  | 77670      | 77708      | 79086      | 78155      | 1.03   | cps   |
| Selenium   | 77-2  | 2517       | 2664       | 2557       | 2579       | 2.94   | cps   |
| Selenium   | 78-2  | 9052       | 9101       | 8873       | 9008       | 1.33   | cps   |
| Silicon    | 28-1  | 78559406   | 80145691   | 81892679   | 80199259   | 2.08   | cps   |
| Silver     | 107-1 | 4168065    | 4244515    | 4179586    | 4197388    | 0.98   | cps   |
| Silver     | 109-1 | 3924292    | 4001350    | 3989747    | 3971797    | 1.05   | cps   |
| Sodium     | 23-2  | 1165061159 | 1206985794 | 1202115260 | 1191387404 | 1.92   | cps   |
| Strontium  | 86-1  | 10183097   | 10245299   | 10417022   | 10281806   | 1.18   | cps   |
| Strontium  | 88-1  | 89291571   | 87995531   | 89075079   | 88787394   | 0.78   | cps   |
| Sulfur     | 34-1  | 2522655    | 2489377    | 2586449    | 2532827    | 1.95   | cps   |
| Terbium    | 159-1 | 10938755   | 11012464   | 10817267   | 10922829   | 0.90   | cps   |
| Terbium    | 159-2 | 4834683    | 4870523    | 4916838    | 4874015    | 0.85   | cps   |
| Thallium   | 203-1 | 2729869    | 2780169    | 2758051    | 2756030    | 0.91   | cps   |
| Thallium   | 205-1 | 6342399    | 6232406    | 6740487    | 6438431    | 4.15   | cps   |
| Tin        | 118-1 | 3314326    | 3274633    | 3267956    | 3285638    | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-10A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-13A              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 16:58:48 | DataFile Name :   | 056AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 4396565  | 4409557  | 4475151  | 4427091  | 0.95   | cps   |
| Uranium   | 238-1 | 8630176  | 8524219  | 8564121  | 8572839  | 0.62   | cps   |
| Vanadium  | 51-2  | 1150039  | 1154015  | 1143989  | 1149348  | 0.44   | cps   |
| Ytterbium | 172-1 | 1442     | 1067     | 1217     | 1242     | 15.20  | cps   |
| Ytterbium | 172-2 | 644      | 706      | 628      | 659      | 6.21   | cps   |
| Ytterbium | 176-1 | 2434     | 2509     | 2300     | 2414     | 4.37   | cps   |
| Ytterbium | 176-2 | 6846     | 7341     | 7180     | 7122     | 3.54   | cps   |
| Yttrium   | 89-1  | 18093461 | 18033594 | 18103033 | 18076696 | 0.21   | cps   |
| Yttrium   | 89-2  | 2060271  | 2093667  | 2120514  | 2091484  | 1.44   | cps   |
| Zinc      | 66-2  | 1620596  | 1608291  | 1610995  | 1613294  | 0.40   | cps   |
| Zirconium | 90-1  | 8498556  | 8362670  | 8226974  | 8362733  | 1.62   | cps   |
| Zirconium | 91-1  | 1903601  | 1881242  | 1869145  | 1884663  | 0.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142482   | 138470   | 138015   | 139656   | 1.76   | cps   |
| Antimony   | 121-1 | 2984     | 3159     | 3367     | 3170     | 6.06   | cps   |
| Arsenic    | 75-2  | 344      | 346      | 344      | 345      | 0.33   | cps   |
| Barium     | 135-1 | 567952   | 566447   | 575875   | 570091   | 0.89   | cps   |
| Barium     | 137-1 | 989504   | 1010570  | 984451   | 994842   | 1.39   | cps   |
| Beryllium  | 9-1   | 3214     | 3294     | 3078     | 3195     | 3.42   | cps   |
| Bismuth    | 209-1 | 6008502  | 6008033  | 6309587  | 6108707  | 2.85   | cps   |
| Bismuth    | 209-2 | 2588342  | 3119524  | 3482904  | 3063590  | 14.69  | cps   |
| Boron      | 10-1  | 221399   | 203646   | 194469   | 206505   | 6.63   | cps   |
| Boron      | 11-1  | 954312   | 863694   | 863911   | 893972   | 5.85   | cps   |
| Bromine    | 81-1  | 247594   | 264116   | 269100   | 260270   | 4.33   | cps   |
| Cadmium    | 111-1 | 11502    | 11721    | 11306    | 11510    | 1.80   | cps   |
| Cadmium    | 106-1 | 8353     | 7994     | 8136     | 8161     | 2.21   | cps   |
| Cadmium    | 108-1 | 471      | 454      | 504      | 476      | 5.34   | cps   |
| Calcium    | 43-1  | 2312296  | 2385732  | 2375076  | 2357701  | 1.68   | cps   |
| Calcium    | 44-1  | 37465732 | 38645994 | 37410734 | 37840820 | 1.84   | cps   |
| Carbon     | 12-1  | 13167876 | 13181143 | 13151404 | 13166808 | 0.11   | cps   |
| Carbon     | 12-2  | 124802   | 120760   | 123054   | 122872   | 1.65   | cps   |
| Chlorine   | 35-1  | 45176297 | 47019379 | 45859371 | 46018349 | 2.02   | cps   |
| Chlorine   | 35-2  | 308013   | 302260   | 299332   | 303202   | 1.46   | cps   |
| Chromium   | 52-2  | 72429    | 71876    | 69960    | 71422    | 1.81   | cps   |
| Cobalt     | 59-2  | 108880   | 107892   | 107319   | 108030   | 0.73   | cps   |
| Copper     | 63-2  | 5048     | 4694     | 4717     | 4820     | 4.10   | cps   |
| Dysprosium | 156-1 | 88235    | 83145    | 84831    | 85403    | 3.04   | cps   |
| Dysprosium | 156-2 | 33836    | 33215    | 33465    | 33506    | 0.93   | cps   |
| Erbium     | 164-1 | 65714    | 69937    | 68671    | 68107    | 3.18   | cps   |
| Erbium     | 164-2 | 29894    | 29533    | 30144    | 29857    | 1.03   | cps   |
| Gadolinium | 160-1 | 73162    | 73496    | 71652    | 72770    | 1.35   | cps   |
| Gadolinium | 160-2 | 35354    | 35190    | 35982    | 35508    | 1.18   | cps   |
| Holmium    | 165-1 | 12021232 | 11987119 | 12252412 | 12086921 | 1.19   | cps   |
| Holmium    | 165-2 | 4024317  | 4897211  | 5509286  | 4810272  | 15.51  | cps   |
| Indium     | 115-1 | 11190878 | 11166334 | 11648058 | 11335090 | 2.39   | cps   |
| Indium     | 115-2 | 1274300  | 1677539  | 1837787  | 1596542  | 18.19  | cps   |
| Iron       | 54-2  | 14574    | 14024    | 14224    | 14274    | 1.95   | cps   |
| Iron       | 56-2  | 201080   | 206120   | 200301   | 202500   | 1.56   | cps   |
| Iron       | 57-2  | 8114     | 7947     | 8314     | 8125     | 2.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 12258     | 12185     | 11967     | 12137     | 1.24   | cps   |
| Lead       | 206-1 | 4156      | 4662      | 3890      | 4236      | 9.26   | cps   |
| Lead       | 207-1 | 3678      | 4006      | 3606      | 3764      | 5.67   | cps   |
| Lead       | 208-1 | 16760     | 17594     | 16405     | 16919     | 3.61   | cps   |
| Lithium    | 6-1   | 11721016  | 11841616  | 11492951  | 11685195  | 1.52   | cps   |
| Magnesium  | 24-2  | 10216204  | 10028473  | 10375329  | 10206669  | 1.70   | cps   |
| Manganese  | 55-2  | 505290    | 497357    | 489720    | 497456    | 1.57   | cps   |
| Molybdenum | 94-1  | 2234      | 2634      | 2017      | 2295      | 13.64  | cps   |
| Molybdenum | 95-1  | 2609      | 2584      | 2309      | 2500      | 6.66   | cps   |
| Molybdenum | 96-1  | 3075      | 3442      | 2859      | 3125      | 9.44   | cps   |
| Molybdenum | 97-1  | 1533      | 1617      | 1442      | 1531      | 5.72   | cps   |
| Molybdenum | 98-1  | 3859      | 4084      | 3225      | 3723      | 11.96  | cps   |
| Neodymium  | 150-1 | 100367    | 102390    | 99623     | 100793    | 1.42   | cps   |
| Neodymium  | 150-2 | 33205     | 32807     | 32383     | 32798     | 1.25   | cps   |
| Nickel     | 60-2  | 118408    | 117075    | 114648    | 116711    | 1.63   | cps   |
| Phosphorus | 31-2  | 233       | 150       | 208       | 197       | 21.68  | cps   |
| Potassium  | 39-2  | 970000    | 978873    | 978027    | 975633    | 0.50   | cps   |
| Rhodium    | 103-1 | 11404628  | 10953440  | 11296645  | 11218237  | 2.10   | cps   |
| Rhodium    | 103-2 | 3307645   | 4287470   | 4706399   | 4100505   | 17.51  | cps   |
| Scandium   | 45-1  | 10577007  | 10826292  | 10675545  | 10692948  | 1.17   | cps   |
| Scandium   | 45-2  | 224257    | 271242    | 303331    | 266276    | 14.94  | cps   |
| Selenium   | 82-1  | 331       | -93       | 209       | 149       | 146.19 | cps   |
| Selenium   | 77-2  | 213       | 157       | 153       | 174       | 19.33  | cps   |
| Selenium   | 78-2  | 307       | 279       | 303       | 296       | 5.11   | cps   |
| Silicon    | 28-1  | 13720794  | 13744021  | 13986721  | 13817178  | 1.07   | cps   |
| Silver     | 107-1 | 7319      | 6785      | 6110      | 6738      | 8.99   | cps   |
| Silver     | 109-1 | 6577      | 5843      | 5601      | 6007      | 8.46   | cps   |
| Sodium     | 23-2  | 124787340 | 122141832 | 122435457 | 123121543 | 1.18   | cps   |
| Strontium  | 86-1  | 1800194   | 1925421   | 1830785   | 1852133   | 3.52   | cps   |
| Strontium  | 88-1  | 15271014  | 15243536  | 14589760  | 15034770  | 2.56   | cps   |
| Sulfur     | 34-1  | 476852    | 479135    | 482314    | 479434    | 0.57   | cps   |
| Terbium    | 159-1 | 12457784  | 12483859  | 12063276  | 12334973  | 1.91   | cps   |
| Terbium    | 159-2 | 3839735   | 4824500   | 5264200   | 4642812   | 15.71  | cps   |
| Thallium   | 203-1 | 2209      | 2092      | 1767      | 2022      | 11.32  | cps   |
| Thallium   | 205-1 | 5034      | 4726      | 3934      | 4565      | 12.43  | cps   |
| Tin        | 118-1 | 2534      | 2684      | 2417      | 2545      | 5.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2172-09DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | MW-12RDL            | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:01:44 | DataFile Name :   | 057AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3192     | 2975     | 3067     | 3078     | 3.53   | cps   |
| Uranium   | 238-1 | 8120     | 8812     | 8128     | 8353     | 4.76   | cps   |
| Vanadium  | 51-2  | 760      | 780      | 697      | 746      | 5.84   | cps   |
| Ytterbium | 172-1 | 19407    | 19340    | 19448    | 19398    | 0.28   | cps   |
| Ytterbium | 172-2 | 10299    | 10037    | 9887     | 10074    | 2.07   | cps   |
| Ytterbium | 176-1 | 14066    | 14150    | 12615    | 13610    | 6.34   | cps   |
| Ytterbium | 176-2 | 12234    | 13096    | 14842    | 13390    | 9.92   | cps   |
| Yttrium   | 89-1  | 23239420 | 23726547 | 22496311 | 23154093 | 2.68   | cps   |
| Yttrium   | 89-2  | 1861097  | 2281700  | 2485785  | 2209527  | 14.42  | cps   |
| Zinc      | 66-2  | 97624    | 98741    | 96214    | 97526    | 1.30   | cps   |
| Zirconium | 90-1  | 2709     | 2692     | 2425     | 2609     | 6.10   | cps   |
| Zirconium | 91-1  | 425      | 550      | 525      | 500      | 13.23  | cps   |



LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01 Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:04:39 DataFile Name : 058AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3204     | 2915     | 3096     | 3072     | 4.75   | cps   |
| Antimony   | 121-1 | 2067     | 2125     | 2709     | 2300     | 15.43  | cps   |
| Arsenic    | 75-2  | 85       | 63       | 62       | 70       | 18.57  | cps   |
| Barium     | 135-1 | 101976   | 104991   | 105841   | 104269   | 1.95   | cps   |
| Barium     | 137-1 | 178487   | 179425   | 179242   | 179052   | 0.28   | cps   |
| Beryllium  | 9-1   | 248      | 214      | 234      | 232      | 7.36   | cps   |
| Bismuth    | 209-1 | 6638913  | 6528291  | 6563686  | 6576963  | 0.86   | cps   |
| Bismuth    | 209-2 | 3783266  | 3721668  | 3782103  | 3762345  | 0.94   | cps   |
| Boron      | 10-1  | 139735   | 138091   | 136388   | 138071   | 1.21   | cps   |
| Boron      | 11-1  | 628175   | 614108   | 592765   | 611683   | 2.91   | cps   |
| Bromine    | 81-1  | 139273   | 134819   | 135272   | 136455   | 1.80   | cps   |
| Cadmium    | 111-1 | 4737     | 4714     | 4637     | 4696     | 1.12   | cps   |
| Cadmium    | 106-1 | 6518     | 6393     | 6418     | 6443     | 1.03   | cps   |
| Cadmium    | 108-1 | 38       | 46       | 63       | 49       | 26.19  | cps   |
| Calcium    | 43-1  | 1296128  | 1290051  | 1330031  | 1305404  | 1.65   | cps   |
| Calcium    | 44-1  | 21611144 | 21040509 | 21048152 | 21233268 | 1.54   | cps   |
| Carbon     | 12-1  | 16657205 | 18171035 | 19133597 | 17987279 | 6.94   | cps   |
| Carbon     | 12-2  | 194231   | 196654   | 198613   | 196499   | 1.12   | cps   |
| Chlorine   | 35-1  | 15682742 | 14892319 | 14904376 | 15159812 | 2.99   | cps   |
| Chlorine   | 35-2  | 99240    | 94483    | 90088    | 94604    | 4.84   | cps   |
| Chromium   | 52-2  | 1810     | 1873     | 1597     | 1760     | 8.24   | cps   |
| Cobalt     | 59-2  | 617      | 520      | 527      | 554      | 9.74   | cps   |
| Copper     | 63-2  | 1826964  | 1917228  | 1894739  | 1879644  | 2.50   | cps   |
| Dysprosium | 156-1 | 117      | 42       | 83       | 81       | 46.64  | cps   |
| Dysprosium | 156-2 | 40       | 13       | 20       | 24       | 56.78  | cps   |
| Erbium     | 164-1 | 125      | 100      | 75       | 100      | 25.00  | cps   |
| Erbium     | 164-2 | 33       | 43       | 60       | 46       | 29.58  | cps   |
| Gadolinium | 160-1 | 150      | 117      | 125      | 131      | 13.29  | cps   |
| Gadolinium | 160-2 | 127      | 117      | 120      | 121      | 4.20   | cps   |
| Holmium    | 165-1 | 11310272 | 12065692 | 11893767 | 11756577 | 3.37   | cps   |
| Holmium    | 165-2 | 5526428  | 5606687  | 5558864  | 5563993  | 0.73   | cps   |
| Indium     | 115-1 | 11331471 | 11370291 | 11433265 | 11378342 | 0.45   | cps   |
| Indium     | 115-2 | 1911831  | 1836599  | 1842548  | 1863659  | 2.24   | cps   |
| Iron       | 54-2  | 3212     | 3234     | 3262     | 3236     | 0.77   | cps   |
| Iron       | 56-2  | 51075    | 49436    | 47881    | 49464    | 3.23   | cps   |
| Iron       | 57-2  | 3067     | 2761     | 3095     | 2974     | 6.22   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01 Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:04:39 DataFile Name : 058AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Krypton    | 83-1  | 11743    | 11591    | 11936    | 11757    | 1.47    | cps   |
| Lead       | 206-1 | 4623     | 4584     | 5034     | 4747     | 5.25    | cps   |
| Lead       | 207-1 | 3856     | 4101     | 4429     | 4129     | 6.96    | cps   |
| Lead       | 208-1 | 18506    | 18795    | 19328    | 18876    | 2.21    | cps   |
| Lithium    | 6-1   | 11211989 | 11689048 | 11980360 | 11627132 | 3.34    | cps   |
| Magnesium  | 24-2  | 2988421  | 2876877  | 2811698  | 2892332  | 3.09    | cps   |
| Manganese  | 55-2  | 7485     | 7339     | 7412     | 7412     | 0.99    | cps   |
| Molybdenum | 94-1  | 2017     | 2384     | 2459     | 2286     | 10.34   | cps   |
| Molybdenum | 95-1  | 2450     | 3009     | 3192     | 2884     | 13.40   | cps   |
| Molybdenum | 96-1  | 3317     | 3392     | 3442     | 3384     | 1.86    | cps   |
| Molybdenum | 97-1  | 1850     | 2134     | 2067     | 2017     | 7.35    | cps   |
| Molybdenum | 98-1  | 4776     | 4659     | 4818     | 4751     | 1.73    | cps   |
| Neodymium  | 150-1 | 73       | 40       | 33       | 49       | 43.84   | cps   |
| Neodymium  | 150-2 | 3        | 10       | 0        | 4        | 114.60  | cps   |
| Nickel     | 60-2  | 4064     | 4404     | 4111     | 4193     | 4.40    | cps   |
| Phosphorus | 31-2  | 2259     | 2109     | 2234     | 2200     | 3.65    | cps   |
| Potassium  | 39-2  | 463165   | 455243   | 448740   | 455716   | 1.59    | cps   |
| Rhodium    | 103-1 | 11222345 | 11254009 | 11525893 | 11334082 | 1.47    | cps   |
| Rhodium    | 103-2 | 5070318  | 4915208  | 4728785  | 4904770  | 3.49    | cps   |
| Scandium   | 45-1  | 10298839 | 10224329 | 10440379 | 10321183 | 1.06    | cps   |
| Scandium   | 45-2  | 313454   | 311121   | 308008   | 310861   | 0.88    | cps   |
| Selenium   | 82-1  | 0        | 63       | -148     | -28      | -380.48 | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 125      | 135      | 144      | 135      | 7.06    | cps   |
| Silicon    | 28-1  | 39356460 | 39381077 | 39150231 | 39295923 | 0.32    | cps   |
| Silver     | 107-1 | 1217     | 1033     | 1225     | 1158     | 9.35    | cps   |
| Silver     | 109-1 | 925      | 967      | 908      | 933      | 3.22    | cps   |
| Sodium     | 23-2  | 27952888 | 27201511 | 26680700 | 27278366 | 2.34    | cps   |
| Strontium  | 86-1  | 590559   | 567828   | 578178   | 578855   | 1.97    | cps   |
| Strontium  | 88-1  | 4967762  | 4749524  | 4867280  | 4861522  | 2.25    | cps   |
| Sulfur     | 34-1  | 1885620  | 1874079  | 1847178  | 1868959  | 1.06    | cps   |
| Terbium    | 159-1 | 11942043 | 12315826 | 12455210 | 12237693 | 2.17    | cps   |
| Terbium    | 159-2 | 5547381  | 5540811  | 5354986  | 5481059  | 1.99    | cps   |
| Thallium   | 203-1 | 892      | 892      | 850      | 878      | 2.74    | cps   |
| Thallium   | 205-1 | 2184     | 2034     | 2150     | 2122     | 3.71    | cps   |
| Tin        | 118-1 | 6010     | 6193     | 6052     | 6085     | 1.58    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:04:39 | DataFile Name :   | 058AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1783     | 1708     | 1817     | 1770     | 3.14   | cps   |
| Uranium   | 238-1 | 808      | 1108     | 708      | 875      | 23.79  | cps   |
| Vanadium  | 51-2  | 607      | 493      | 580      | 560      | 10.58  | cps   |
| Ytterbium | 172-1 | 167      | 183      | 100      | 150      | 29.40  | cps   |
| Ytterbium | 172-2 | 56       | 50       | 33       | 46       | 24.99  | cps   |
| Ytterbium | 176-1 | 1842     | 1984     | 1725     | 1850     | 6.99   | cps   |
| Ytterbium | 176-2 | 7786     | 8041     | 8342     | 8056     | 3.45   | cps   |
| Yttrium   | 89-1  | 20472407 | 20154387 | 21106949 | 20577914 | 2.36   | cps   |
| Yttrium   | 89-2  | 2278355  | 2297698  | 2201665  | 2259239  | 2.25   | cps   |
| Zinc      | 66-2  | 67758    | 67520    | 65427    | 66902    | 1.92   | cps   |
| Zirconium | 90-1  | 1358     | 1425     | 1508     | 1431     | 5.25   | cps   |
| Zirconium | 91-1  | 333      | 217      | 325      | 292      | 22.32  | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01DUP Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:07:34 DataFile Name : 059AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2855     | 2835     | 2872     | 2854     | 0.66   | cps   |
| Antimony   | 121-1 | 1542     | 1909     | 1975     | 1809     | 12.90  | cps   |
| Arsenic    | 75-2  | 56       | 37       | 67       | 53       | 28.46  | cps   |
| Barium     | 135-1 | 97235    | 96984    | 98687    | 97635    | 0.94   | cps   |
| Barium     | 137-1 | 170401   | 169079   | 171223   | 170234   | 0.64   | cps   |
| Beryllium  | 9-1   | 128      | 192      | 180      | 167      | 20.41  | cps   |
| Bismuth    | 209-1 | 6785048  | 6298173  | 6706870  | 6596697  | 3.96   | cps   |
| Bismuth    | 209-2 | 3843780  | 3685635  | 3690740  | 3740052  | 2.40   | cps   |
| Boron      | 10-1  | 103659   | 100660   | 103085   | 102468   | 1.55   | cps   |
| Boron      | 11-1  | 452673   | 458089   | 449823   | 453528   | 0.93   | cps   |
| Bromine    | 81-1  | 115123   | 122584   | 125804   | 121170   | 4.52   | cps   |
| Cadmium    | 111-1 | 4407     | 4457     | 4787     | 4550     | 4.54   | cps   |
| Cadmium    | 106-1 | 6085     | 6243     | 6702     | 6343     | 5.05   | cps   |
| Cadmium    | 108-1 | 75       | 67       | 54       | 65       | 16.06  | cps   |
| Calcium    | 43-1  | 1214514  | 1202884  | 1228665  | 1215354  | 1.06   | cps   |
| Calcium    | 44-1  | 20031024 | 19354961 | 19147797 | 19511260 | 2.37   | cps   |
| Carbon     | 12-1  | 16303868 | 17962447 | 18845920 | 17704078 | 7.29   | cps   |
| Carbon     | 12-2  | 186405   | 191083   | 190608   | 189365   | 1.36   | cps   |
| Chlorine   | 35-1  | 8512671  | 8481835  | 8379668  | 8458058  | 0.82   | cps   |
| Chlorine   | 35-2  | 59397    | 59146    | 58627    | 59057    | 0.67   | cps   |
| Chromium   | 52-2  | 3567     | 3724     | 3667     | 3653     | 2.17   | cps   |
| Cobalt     | 59-2  | 457      | 553      | 450      | 487      | 11.88  | cps   |
| Copper     | 63-2  | 1797259  | 1781449  | 1768806  | 1782505  | 0.80   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 108      | 58       | 75.59  | cps   |
| Dysprosium | 156-2 | 10       | 20       | 30       | 20       | 50.00  | cps   |
| Erbium     | 164-1 | 67       | 142      | 67       | 92       | 47.24  | cps   |
| Erbium     | 164-2 | 47       | 47       | 37       | 43       | 13.32  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 133      | 131      | 16.06  | cps   |
| Gadolinium | 160-2 | 93       | 170      | 113      | 126      | 31.68  | cps   |
| Holmium    | 165-1 | 12542107 | 11618652 | 12324221 | 12161660 | 3.97   | cps   |
| Holmium    | 165-2 | 5565459  | 5434625  | 5603584  | 5534556  | 1.60   | cps   |
| Indium     | 115-1 | 11344009 | 11362156 | 11857219 | 11521128 | 2.53   | cps   |
| Indium     | 115-2 | 1883852  | 1898817  | 1874825  | 1885831  | 0.64   | cps   |
| Iron       | 54-2  | 3623     | 3262     | 3450     | 3445     | 5.24   | cps   |
| Iron       | 56-2  | 50389    | 49659    | 48025    | 49358    | 2.45   | cps   |
| Iron       | 57-2  | 2684     | 3028     | 2856     | 2856     | 6.03   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01DUP Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:07:34 DataFile Name : 059AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11658    | 11257    | 11397    | 11437    | 1.78   | cps   |
| Lead       | 206-1 | 3956     | 4095     | 4095     | 4049     | 1.98   | cps   |
| Lead       | 207-1 | 3495     | 3678     | 3551     | 3575     | 2.63   | cps   |
| Lead       | 208-1 | 16605    | 16543    | 16504    | 16551    | 0.31   | cps   |
| Lithium    | 6-1   | 11798370 | 11942310 | 11426271 | 11722317 | 2.27   | cps   |
| Magnesium  | 24-2  | 2736190  | 2739490  | 2721856  | 2732512  | 0.34   | cps   |
| Manganese  | 55-2  | 6952     | 6908     | 6802     | 6887     | 1.12   | cps   |
| Molybdenum | 94-1  | 1642     | 1950     | 1884     | 1825     | 8.89   | cps   |
| Molybdenum | 95-1  | 2267     | 2492     | 2859     | 2539     | 11.76  | cps   |
| Molybdenum | 96-1  | 3175     | 2917     | 3092     | 3062     | 4.31   | cps   |
| Molybdenum | 97-1  | 1383     | 1675     | 1642     | 1567     | 10.19  | cps   |
| Molybdenum | 98-1  | 4042     | 4042     | 4051     | 4045     | 0.12   | cps   |
| Neodymium  | 150-1 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 4461     | 4461     | 4501     | 4474     | 0.52   | cps   |
| Phosphorus | 31-2  | 2092     | 2050     | 2075     | 2072     | 1.01   | cps   |
| Potassium  | 39-2  | 431490   | 423651   | 429924   | 428355   | 0.97   | cps   |
| Rhodium    | 103-1 | 11419981 | 11362198 | 11342378 | 11374852 | 0.35   | cps   |
| Rhodium    | 103-2 | 4926725  | 4844444  | 4977290  | 4916153  | 1.36   | cps   |
| Scandium   | 45-1  | 10096192 | 10182534 | 10324453 | 10201059 | 1.13   | cps   |
| Scandium   | 45-2  | 307582   | 301818   | 302068   | 303823   | 1.07   | cps   |
| Selenium   | 82-1  | -213     | 174      | 183      | 48       | 470.72 | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 127      | 137      | 111      | 125      | 10.49  | cps   |
| Silicon    | 28-1  | 36824428 | 36847755 | 36221704 | 36631296 | 0.97   | cps   |
| Silver     | 107-1 | 850      | 750      | 792      | 797      | 6.30   | cps   |
| Silver     | 109-1 | 700      | 683      | 658      | 681      | 3.08   | cps   |
| Sodium     | 23-2  | 26357447 | 26172193 | 25825271 | 26118304 | 1.03   | cps   |
| Strontium  | 86-1  | 556690   | 540987   | 552742   | 550140   | 1.48   | cps   |
| Strontium  | 88-1  | 4629468  | 4541296  | 4648664  | 4606476  | 1.24   | cps   |
| Sulfur     | 34-1  | 1753926  | 1764744  | 1737914  | 1752195  | 0.77   | cps   |
| Terbium    | 159-1 | 12633071 | 12712854 | 12974161 | 12773362 | 1.40   | cps   |
| Terbium    | 159-2 | 5599462  | 5306518  | 5481266  | 5462415  | 2.70   | cps   |
| Thallium   | 203-1 | 575      | 733      | 658      | 656      | 12.08  | cps   |
| Thallium   | 205-1 | 1633     | 1408     | 1358     | 1467     | 9.99   | cps   |
| Tin        | 118-1 | 5535     | 5418     | 5485     | 5479     | 1.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:07:34 | DataFile Name :   | 059AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1517     | 1367     | 1375     | 1420     | 5.94   | cps   |
| Uranium   | 238-1 | 850      | 633      | 792      | 758      | 14.79  | cps   |
| Vanadium  | 51-2  | 580      | 547      | 563      | 563      | 2.96   | cps   |
| Ytterbium | 172-1 | 133      | 150      | 92       | 125      | 24.04  | cps   |
| Ytterbium | 172-2 | 89       | 50       | 56       | 65       | 32.45  | cps   |
| Ytterbium | 176-1 | 1875     | 2125     | 1900     | 1967     | 7.00   | cps   |
| Ytterbium | 176-2 | 7708     | 7786     | 8447     | 7980     | 5.09   | cps   |
| Yttrium   | 89-1  | 20863368 | 20502653 | 20700774 | 20688932 | 0.87   | cps   |
| Yttrium   | 89-2  | 2235823  | 2201532  | 2216863  | 2218072  | 0.77   | cps   |
| Zinc      | 66-2  | 65153    | 63371    | 62049    | 63524    | 2.45   | cps   |
| Zirconium | 90-1  | 1217     | 1250     | 1358     | 1275     | 5.81   | cps   |
| Zirconium | 91-1  | 250      | 233      | 233      | 239      | 4.03   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : N2212-01LX5 Instrumnet Name : P8  
 Client Sample ID : KIDS-GIRLS-BATHROOM Dilution Factor : 5  
 Date & Time Acquired :: 2022-04-06 17:10:28 DataFile Name : 060AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 625      | 599      | 677      | 634      | 6.33   | cps   |
| Antimony   | 121-1 | 1033     | 867      | 1158     | 1020     | 14.35  | cps   |
| Arsenic    | 75-2  | 25       | 11       | 19       | 18       | 38.31  | cps   |
| Barium     | 135-1 | 19273    | 19006    | 19306    | 19195    | 0.86   | cps   |
| Barium     | 137-1 | 34461    | 34620    | 32933    | 34005    | 2.74   | cps   |
| Beryllium  | 9-1   | 166      | 104      | 160      | 143      | 23.86  | cps   |
| Bismuth    | 209-1 | 6755731  | 6988449  | 6938591  | 6894257  | 1.78   | cps   |
| Bismuth    | 209-2 | 3688828  | 3840862  | 3676923  | 3735538  | 2.45   | cps   |
| Boron      | 10-1  | 63003    | 60703    | 60346    | 61350    | 2.35   | cps   |
| Boron      | 11-1  | 274086   | 281247   | 270758   | 275364   | 1.95   | cps   |
| Bromine    | 81-1  | 91054    | 94895    | 95746    | 93898    | 2.66   | cps   |
| Cadmium    | 111-1 | 4691     | 4338     | 4273     | 4434     | 5.07   | cps   |
| Cadmium    | 106-1 | 6493     | 6068     | 6018     | 6193     | 4.22   | cps   |
| Cadmium    | 108-1 | 42       | 38       | 63       | 47       | 28.36  | cps   |
| Calcium    | 43-1  | 237447   | 236926   | 234242   | 236205   | 0.73   | cps   |
| Calcium    | 44-1  | 3870501  | 3945413  | 3881529  | 3899148  | 1.04   | cps   |
| Carbon     | 12-1  | 12417635 | 12444779 | 12138524 | 12333646 | 1.37   | cps   |
| Carbon     | 12-2  | 119687   | 121316   | 116064   | 119022   | 2.26   | cps   |
| Chlorine   | 35-1  | 5342472  | 5201337  | 5047272  | 5197027  | 2.84   | cps   |
| Chlorine   | 35-2  | 34701    | 33548    | 33840    | 34030    | 1.76   | cps   |
| Chromium   | 52-2  | 1360     | 1393     | 1357     | 1370     | 1.48   | cps   |
| Cobalt     | 59-2  | 153      | 140      | 123      | 139      | 10.83  | cps   |
| Copper     | 63-2  | 335369   | 331458   | 332875   | 333234   | 0.59   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 17       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 100      | 67       | 92       | 86       | 20.14  | cps   |
| Erbium     | 164-2 | 50       | 30       | 40       | 40       | 25.00  | cps   |
| Gadolinium | 160-1 | 108      | 108      | 83       | 100      | 14.43  | cps   |
| Gadolinium | 160-2 | 123      | 83       | 100      | 102      | 19.66  | cps   |
| Holmium    | 165-1 | 11736584 | 11151823 | 11487280 | 11458562 | 2.56   | cps   |
| Holmium    | 165-2 | 5292190  | 5366113  | 5195897  | 5284733  | 1.62   | cps   |
| Indium     | 115-1 | 11584020 | 11645748 | 11043285 | 11424351 | 2.90   | cps   |
| Indium     | 115-2 | 1800971  | 1804513  | 1797550  | 1801011  | 0.19   | cps   |
| Iron       | 54-2  | 1200     | 1339     | 1239     | 1259     | 5.69   | cps   |
| Iron       | 56-2  | 13996    | 13629    | 14141    | 13922    | 1.89   | cps   |
| Iron       | 57-2  | 644      | 783      | 794      | 741      | 11.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:10:28 | DataFile Name :   | 060AREF.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11547    | 11431    | 11512    | 11497    | 0.52   | cps   |
| Lead       | 206-1 | 1861     | 1872     | 1917     | 1884     | 1.56   | cps   |
| Lead       | 207-1 | 1611     | 1606     | 1339     | 1519     | 10.25  | cps   |
| Lead       | 208-1 | 7229     | 7234     | 6951     | 7138     | 2.27   | cps   |
| Lithium    | 6-1   | 11292890 | 11042873 | 11776605 | 11370789 | 3.28   | cps   |
| Magnesium  | 24-2  | 511740   | 507908   | 509087   | 509578   | 0.39   | cps   |
| Manganese  | 55-2  | 1390     | 1467     | 1427     | 1428     | 2.69   | cps   |
| Molybdenum | 94-1  | 725      | 625      | 600      | 650      | 10.18  | cps   |
| Molybdenum | 95-1  | 808      | 600      | 692      | 700      | 14.92  | cps   |
| Molybdenum | 96-1  | 950      | 875      | 783      | 869      | 9.60   | cps   |
| Molybdenum | 97-1  | 375      | 417      | 433      | 408      | 7.36   | cps   |
| Molybdenum | 98-1  | 1092     | 1017     | 1142     | 1083     | 5.81   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 33       | 27       | 43.31  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 817      | 787      | 800      | 801      | 1.88   | cps   |
| Phosphorus | 31-2  | 492      | 592      | 483      | 522      | 11.54  | cps   |
| Potassium  | 39-2  | 103068   | 101891   | 104562   | 103174   | 1.30   | cps   |
| Rhodium    | 103-1 | 11479783 | 11160403 | 11445449 | 11361878 | 1.54   | cps   |
| Rhodium    | 103-2 | 4777198  | 4656271  | 4669311  | 4700927  | 1.41   | cps   |
| Scandium   | 45-1  | 9805940  | 10021359 | 9887033  | 9904777  | 1.10   | cps   |
| Scandium   | 45-2  | 289558   | 287268   | 290865   | 289230   | 0.63   | cps   |
| Selenium   | 82-1  | -206     | -13      | -183     | -134     | -79.01 | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 128      | 123      | 130      | 127      | 2.84   | cps   |
| Silicon    | 28-1  | 7857619  | 7992270  | 7689864  | 7846585  | 1.93   | cps   |
| Silver     | 107-1 | 475      | 525      | 575      | 525      | 9.52   | cps   |
| Silver     | 109-1 | 450      | 467      | 450      | 456      | 2.11   | cps   |
| Sodium     | 23-2  | 5050167  | 4940150  | 4972959  | 4987759  | 1.13   | cps   |
| Strontium  | 86-1  | 121108   | 122461   | 117527   | 120365   | 2.12   | cps   |
| Strontium  | 88-1  | 916356   | 900574   | 884782   | 900571   | 1.75   | cps   |
| Sulfur     | 34-1  | 771539   | 757526   | 767286   | 765450   | 0.94   | cps   |
| Terbium    | 159-1 | 12032632 | 12554775 | 12186740 | 12258049 | 2.19   | cps   |
| Terbium    | 159-2 | 5188030  | 5215512  | 5140693  | 5181412  | 0.73   | cps   |
| Thallium   | 203-1 | 458      | 592      | 475      | 508      | 14.29  | cps   |
| Thallium   | 205-1 | 1425     | 1358     | 1342     | 1375     | 3.21   | cps   |
| Tin        | 118-1 | 2617     | 2542     | 2534     | 2564     | 1.79   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | N2212-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | KIDS-GIRLS-BATHROOM | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2022-04-06 17:10:28 | DataFile Name :   | 060AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 625      | 992      | 742      | 786      | 23.83  | cps   |
| Uranium   | 238-1 | 142      | 142      | 233      | 172      | 30.73  | cps   |
| Vanadium  | 51-2  | 130      | 100      | 87       | 106      | 21.02  | cps   |
| Ytterbium | 172-1 | 92       | 92       | 117      | 100      | 14.43  | cps   |
| Ytterbium | 172-2 | 56       | 44       | 17       | 39       | 51.50  | cps   |
| Ytterbium | 176-1 | 1742     | 1959     | 1784     | 1828     | 6.29   | cps   |
| Ytterbium | 176-2 | 7480     | 7480     | 8286     | 7749     | 6.01   | cps   |
| Yttrium   | 89-1  | 19916399 | 20186393 | 19050595 | 19717796 | 3.01   | cps   |
| Yttrium   | 89-2  | 2111724  | 2155438  | 2115819  | 2127661  | 1.13   | cps   |
| Zinc      | 66-2  | 12536    | 12656    | 12612    | 12601    | 0.48   | cps   |
| Zirconium | 90-1  | 958      | 958      | 858      | 925      | 6.24   | cps   |
| Zirconium | 91-1  | 200      | 125      | 200      | 175      | 24.75  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5003649   | 4922270   | 4872724   | 4932881   | 1.34   | cps   |
| Antimony   | 121-1 | 4087350   | 4125239   | 4104256   | 4105615   | 0.46   | cps   |
| Arsenic    | 75-2  | 140628    | 142220    | 141376    | 141408    | 0.56   | cps   |
| Barium     | 135-1 | 5490911   | 5721772   | 5445290   | 5552658   | 2.67   | cps   |
| Barium     | 137-1 | 9594118   | 9759904   | 9279619   | 9544547   | 2.56   | cps   |
| Beryllium  | 9-1   | 2766976   | 2871108   | 2852417   | 2830167   | 1.96   | cps   |
| Bismuth    | 209-1 | 5784794   | 5146526   | 5381296   | 5437539   | 5.94   | cps   |
| Bismuth    | 209-2 | 3326533   | 3266729   | 3388939   | 3327400   | 1.84   | cps   |
| Boron      | 10-1  | 515044    | 537792    | 567091    | 539976    | 4.83   | cps   |
| Boron      | 11-1  | 2163833   | 2290311   | 2192162   | 2215435   | 3.00   | cps   |
| Bromine    | 81-1  | 74660     | 77106     | 79351     | 77039     | 3.05   | cps   |
| Cadmium    | 111-1 | 1331863   | 1338110   | 1313853   | 1327942   | 0.95   | cps   |
| Cadmium    | 106-1 | 159346    | 160500    | 154091    | 157979    | 2.16   | cps   |
| Cadmium    | 108-1 | 104057    | 105107    | 105308    | 104824    | 0.64   | cps   |
| Calcium    | 43-1  | 10913890  | 10565898  | 10555228  | 10678339  | 1.91   | cps   |
| Calcium    | 44-1  | 169569979 | 175488429 | 173741383 | 172933264 | 1.76   | cps   |
| Carbon     | 12-1  | 10841456  | 10835648  | 10930933  | 10869346  | 0.49   | cps   |
| Carbon     | 12-2  | 109994    | 110346    | 111145    | 110495    | 0.53   | cps   |
| Chlorine   | 35-1  | 2670139   | 2646653   | 2584109   | 2633634   | 1.69   | cps   |
| Chlorine   | 35-2  | 17386     | 16276     | 17027     | 16896     | 3.35   | cps   |
| Chromium   | 52-2  | 1623224   | 1576057   | 1609548   | 1602943   | 1.51   | cps   |
| Cobalt     | 59-2  | 2661918   | 2722342   | 2771071   | 2718444   | 2.01   | cps   |
| Copper     | 63-2  | 20848775  | 20615612  | 20571078  | 20678488  | 0.72   | cps   |
| Dysprosium | 156-1 | 808       | 692       | 817       | 772       | 9.05   | cps   |
| Dysprosium | 156-2 | 297       | 277       | 243       | 272       | 9.90   | cps   |
| Erbium     | 164-1 | 133       | 83        | 167       | 128       | 32.82  | cps   |
| Erbium     | 164-2 | 90        | 80        | 63        | 78        | 17.32  | cps   |
| Gadolinium | 160-1 | 550       | 408       | 558       | 506       | 16.68  | cps   |
| Gadolinium | 160-2 | 263       | 350       | 330       | 314       | 14.43  | cps   |
| Holmium    | 165-1 | 11807235  | 10657954  | 11132596  | 11199262  | 5.16   | cps   |
| Holmium    | 165-2 | 5325771   | 5296697   | 5310809   | 5311092   | 0.27   | cps   |
| Indium     | 115-1 | 10527014  | 9707834   | 9709643   | 9981497   | 4.73   | cps   |
| Indium     | 115-2 | 1641366   | 1688502   | 1644670   | 1658179   | 1.59   | cps   |
| Iron       | 54-2  | 16840302  | 16813585  | 16729609  | 16794499  | 0.34   | cps   |
| Iron       | 56-2  | 301562996 | 304189485 | 310825585 | 305526022 | 1.56   | cps   |
| Iron       | 57-2  | 7712612   | 7422670   | 7659669   | 7598317   | 2.03   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 10963     | 11191     | 11136     | 11096     | 1.07   | cps   |
| Lead       | 206-1 | 13584391  | 13951417  | 13997141  | 13844317  | 1.63   | cps   |
| Lead       | 207-1 | 12250965  | 11892249  | 12562683  | 12235299  | 2.74   | cps   |
| Lead       | 208-1 | 56620135  | 54883581  | 56478825  | 55994180  | 1.72   | cps   |
| Lithium    | 6-1   | 10729484  | 10099991  | 10144500  | 10324658  | 3.40   | cps   |
| Magnesium  | 24-2  | 66359597  | 65185310  | 65951754  | 65832220  | 0.91   | cps   |
| Manganese  | 55-2  | 8451262   | 8527997   | 8680691   | 8553317   | 1.37   | cps   |
| Molybdenum | 94-1  | 18717198  | 18408595  | 18324148  | 18483314  | 1.12   | cps   |
| Molybdenum | 95-1  | 26271144  | 26918435  | 26762388  | 26650656  | 1.27   | cps   |
| Molybdenum | 96-1  | 29384157  | 29276928  | 29336950  | 29332678  | 0.18   | cps   |
| Molybdenum | 97-1  | 16584577  | 16796798  | 16237285  | 16539553  | 1.71   | cps   |
| Molybdenum | 98-1  | 42445671  | 42807231  | 41502019  | 42251640  | 1.59   | cps   |
| Neodymium  | 150-1 | 527       | 527       | 467       | 507       | 6.84   | cps   |
| Neodymium  | 150-2 | 67        | 27        | 43        | 46        | 44.10  | cps   |
| Nickel     | 60-2  | 746204    | 735069    | 744166    | 741813    | 0.80   | cps   |
| Phosphorus | 31-2  | 59740     | 60602     | 61255     | 60533     | 1.26   | cps   |
| Potassium  | 39-2  | 24917251  | 24656783  | 24971870  | 24848635  | 0.68   | cps   |
| Rhodium    | 103-1 | 10009455  | 9128833   | 8969315   | 9369201   | 5.98   | cps   |
| Rhodium    | 103-2 | 4357761   | 4309838   | 4222377   | 4296659   | 1.60   | cps   |
| Scandium   | 45-1  | 9951227   | 8750839   | 9276410   | 9326159   | 6.45   | cps   |
| Scandium   | 45-2  | 288111    | 285791    | 291647    | 288516    | 1.02   | cps   |
| Selenium   | 82-1  | 121257    | 121516    | 121524    | 121433    | 0.13   | cps   |
| Selenium   | 77-2  | 3854      | 3984      | 3667      | 3835      | 4.15   | cps   |
| Selenium   | 78-2  | 12939     | 13009     | 12666     | 12872     | 1.41   | cps   |
| Silicon    | 28-1  | 18905408  | 19326937  | 18715385  | 18982577  | 1.65   | cps   |
| Silver     | 107-1 | 6458281   | 6522077   | 6158762   | 6379706   | 3.04   | cps   |
| Silver     | 109-1 | 6144789   | 6177481   | 5877086   | 6066452   | 2.72   | cps   |
| Sodium     | 23-2  | 122933065 | 124191215 | 129043899 | 125389393 | 2.57   | cps   |
| Strontium  | 86-1  | 1896492   | 1937823   | 1904656   | 1912990   | 1.14   | cps   |
| Strontium  | 88-1  | 16460482  | 16493221  | 15872988  | 16275564  | 2.14   | cps   |
| Sulfur     | 34-1  | 1215216   | 1212955   | 1194644   | 1207605   | 0.93   | cps   |
| Terbium    | 159-1 | 11990402  | 11069254  | 11544869  | 11534842  | 3.99   | cps   |
| Terbium    | 159-2 | 5266316   | 5192975   | 5264619   | 5241304   | 0.80   | cps   |
| Thallium   | 203-1 | 3470697   | 3667834   | 3590835   | 3576455   | 2.78   | cps   |
| Thallium   | 205-1 | 8020144   | 8710122   | 7986156   | 8238807   | 4.96   | cps   |
| Tin        | 118-1 | 4082791   | 4103800   | 3968448   | 4051680   | 1.80   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB119578            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2022-04-06 17:15:28 | DataFile Name :   | 061CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 9668398  | 9634481  | 9577466  | 9626782  | 0.48   | cps   |
| Uranium   | 238-1 | 11121884 | 10512894 | 10466201 | 10700327 | 3.42   | cps   |
| Vanadium  | 51-2  | 1265188  | 1199790  | 1213227  | 1226068  | 2.82   | cps   |
| Ytterbium | 172-1 | 125      | 150      | 142      | 139      | 9.17   | cps   |
| Ytterbium | 172-2 | 106      | 56       | 67       | 76       | 34.58  | cps   |
| Ytterbium | 176-1 | 17921    | 17329    | 17612    | 17621    | 1.68   | cps   |
| Ytterbium | 176-2 | 14453    | 14670    | 15148    | 14757    | 2.41   | cps   |
| Yttrium   | 89-1  | 19420702 | 17553983 | 17682631 | 18219105 | 5.72   | cps   |
| Yttrium   | 89-2  | 2109227  | 2170453  | 2122079  | 2133920  | 1.51   | cps   |
| Zinc      | 66-2  | 2540483  | 2527133  | 2582915  | 2550177  | 1.14   | cps   |
| Zirconium | 90-1  | 9933179  | 9749512  | 9404460  | 9695717  | 2.77   | cps   |
| Zirconium | 91-1  | 2177577  | 2201987  | 2136746  | 2172103  | 1.52   | cps   |

LB Number : LB119578 Operator : Jaswal  
 Lab Sample ID : CCB84 Instrumnet Name : P8  
 Client Sample ID : CCB84 Dilution Factor : 1  
 Date & Time Acquired :: 2022-04-06 17:21:49 DataFile Name : 062CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 145      | 150      | 152      | 149      | 2.56   | cps   |
| Antimony   | 121-1 | 942      | 1217     | 1225     | 1128     | 14.30  | cps   |
| Arsenic    | 75-2  | 5        | 10       | 9        | 8        | 33.07  | cps   |
| Barium     | 135-1 | 192      | 200      | 142      | 178      | 17.75  | cps   |
| Barium     | 137-1 | 208      | 250      | 200      | 219      | 12.21  | cps   |
| Beryllium  | 9-1   | 174      | 158      | 144      | 159      | 9.46   | cps   |
| Bismuth    | 209-1 | 6809616  | 6611062  | 6585166  | 6668615  | 1.84   | cps   |
| Bismuth    | 209-2 | 3594884  | 3667994  | 3592775  | 3618551  | 1.18   | cps   |
| Boron      | 10-1  | 43207    | 41310    | 41980    | 42166    | 2.28   | cps   |
| Boron      | 11-1  | 187173   | 180988   | 175648   | 181270   | 3.18   | cps   |
| Bromine    | 81-1  | 76670    | 83890    | 82961    | 81174    | 4.84   | cps   |
| Cadmium    | 111-1 | 4221     | 4156     | 4193     | 4190     | 0.78   | cps   |
| Cadmium    | 106-1 | 5926     | 5843     | 5893     | 5888     | 0.71   | cps   |
| Cadmium    | 108-1 | 46       | 38       | 46       | 43       | 11.17  | cps   |
| Calcium    | 43-1  | 399      | 396      | 450      | 415      | 7.31   | cps   |
| Calcium    | 44-1  | 15563    | 15125    | 15176    | 15288    | 1.57   | cps   |
| Carbon     | 12-1  | 10306188 | 10305602 | 10171664 | 10261151 | 0.76   | cps   |
| Carbon     | 12-2  | 95660    | 96827    | 96945    | 96477    | 0.74   | cps   |
| Chlorine   | 35-1  | 1820070  | 1851471  | 1780127  | 1817223  | 1.97   | cps   |
| Chlorine   | 35-2  | 11980    | 11872    | 12381    | 12078    | 2.22   | cps   |
| Chromium   | 52-2  | 1187     | 1410     | 1287     | 1295     | 8.64   | cps   |
| Cobalt     | 59-2  | 133      | 123      | 90       | 116      | 19.64  | cps   |
| Copper     | 63-2  | 1670     | 1727     | 1597     | 1665     | 3.92   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 67       | 83       | 69       | 18.33  | cps   |
| Erbium     | 164-2 | 27       | 27       | 40       | 31       | 24.74  | cps   |
| Gadolinium | 160-1 | 100      | 83       | 67       | 83       | 20.00  | cps   |
| Gadolinium | 160-2 | 73       | 90       | 87       | 83       | 10.59  | cps   |
| Holmium    | 165-1 | 11801447 | 11369402 | 11634352 | 11601734 | 1.88   | cps   |
| Holmium    | 165-2 | 5110688  | 5279795  | 5356693  | 5249059  | 2.40   | cps   |
| Indium     | 115-1 | 11054841 | 10615974 | 11032006 | 10900940 | 2.27   | cps   |
| Indium     | 115-2 | 1771630  | 1728274  | 1720642  | 1740182  | 1.58   | cps   |
| Iron       | 54-2  | 1156     | 1072     | 1139     | 1122     | 3.93   | cps   |
| Iron       | 56-2  | 11299    | 11377    | 10476    | 11051    | 4.52   | cps   |
| Iron       | 57-2  | 350      | 494      | 272      | 372      | 30.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:21:49 | DataFile Name :   | 062CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 11438    | 11387    | 11384    | 11403    | 0.27   | cps   |
| Lead       | 206-1 | 1206     | 1161     | 1328     | 1232     | 7.01   | cps   |
| Lead       | 207-1 | 928      | 1006     | 1022     | 985      | 5.12   | cps   |
| Lead       | 208-1 | 4806     | 4850     | 5006     | 4888     | 2.15   | cps   |
| Lithium    | 6-1   | 11179562 | 11321843 | 10657138 | 11052847 | 3.17   | cps   |
| Magnesium  | 24-2  | 1692     | 1583     | 1517     | 1597     | 5.53   | cps   |
| Manganese  | 55-2  | 353      | 220      | 317      | 297      | 23.22  | cps   |
| Molybdenum | 94-1  | 875      | 750      | 767      | 797      | 8.51   | cps   |
| Molybdenum | 95-1  | 925      | 475      | 650      | 683      | 33.20  | cps   |
| Molybdenum | 96-1  | 1192     | 1142     | 1067     | 1133     | 5.55   | cps   |
| Molybdenum | 97-1  | 425      | 383      | 467      | 425      | 9.80   | cps   |
| Molybdenum | 98-1  | 1150     | 992      | 1075     | 1072     | 7.39   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 50       | 67       | 53       | 57       | 15.57  | cps   |
| Phosphorus | 31-2  | 150      | 258      | 150      | 186      | 33.61  | cps   |
| Potassium  | 39-2  | 24830    | 25423    | 24931    | 25061    | 1.27   | cps   |
| Rhodium    | 103-1 | 11089236 | 11268506 | 10917326 | 11091689 | 1.58   | cps   |
| Rhodium    | 103-2 | 4726212  | 4597234  | 4690559  | 4671335  | 1.43   | cps   |
| Scandium   | 45-1  | 9847188  | 9971971  | 9653299  | 9824152  | 1.63   | cps   |
| Scandium   | 45-2  | 285734   | 286552   | 283115   | 285133   | 0.63   | cps   |
| Selenium   | 82-1  | -210     | -10      | -101     | -107     | -93.50 | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 124      | 131      | 123      | 126      | 3.46   | cps   |
| Silicon    | 28-1  | 1049030  | 1036362  | 1043090  | 1042827  | 0.61   | cps   |
| Silver     | 107-1 | 675      | 608      | 767      | 683      | 11.63  | cps   |
| Silver     | 109-1 | 500      | 525      | 725      | 583      | 21.14  | cps   |
| Sodium     | 23-2  | 68754    | 71032    | 70580    | 70122    | 1.72   | cps   |
| Strontium  | 86-1  | 17670    | 17461    | 18121    | 17751    | 1.90   | cps   |
| Strontium  | 88-1  | 808      | 750      | 550      | 703      | 19.28  | cps   |
| Sulfur     | 34-1  | 445905   | 451606   | 455250   | 450921   | 1.04   | cps   |
| Terbium    | 159-1 | 12141862 | 12311836 | 12512327 | 12322008 | 1.50   | cps   |
| Terbium    | 159-2 | 5256298  | 5134872  | 5090838  | 5160669  | 1.66   | cps   |
| Thallium   | 203-1 | 708      | 708      | 875      | 764      | 12.60  | cps   |
| Thallium   | 205-1 | 1884     | 1592     | 1775     | 1750     | 8.43   | cps   |
| Tin        | 118-1 | 1767     | 1675     | 1492     | 1645     | 8.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB119578            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2022-04-06 17:21:49 | DataFile Name :   | 062CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 542      | 483      | 500      | 508      | 5.91   | cps   |
| Uranium   | 238-1 | 258      | 158      | 192      | 203      | 25.11  | cps   |
| Vanadium  | 51-2  | 37       | 17       | 30       | 28       | 36.66  | cps   |
| Ytterbium | 172-1 | 58       | 75       | 92       | 75       | 22.23  | cps   |
| Ytterbium | 172-2 | 17       | 33       | 6        | 19       | 75.47  | cps   |
| Ytterbium | 176-1 | 1792     | 1984     | 1709     | 1828     | 7.72   | cps   |
| Ytterbium | 176-2 | 6924     | 7347     | 7558     | 7276     | 4.43   | cps   |
| Yttrium   | 89-1  | 18811932 | 18695208 | 19097305 | 18868148 | 1.10   | cps   |
| Yttrium   | 89-2  | 2075735  | 2018039  | 2093777  | 2062517  | 1.92   | cps   |
| Zinc      | 66-2  | 253      | 237      | 273      | 254      | 7.22   | cps   |
| Zirconium | 90-1  | 1217     | 1358     | 1383     | 1320     | 6.81   | cps   |
| Zirconium | 91-1  | 133      | 225      | 250      | 203      | 30.29  | cps   |