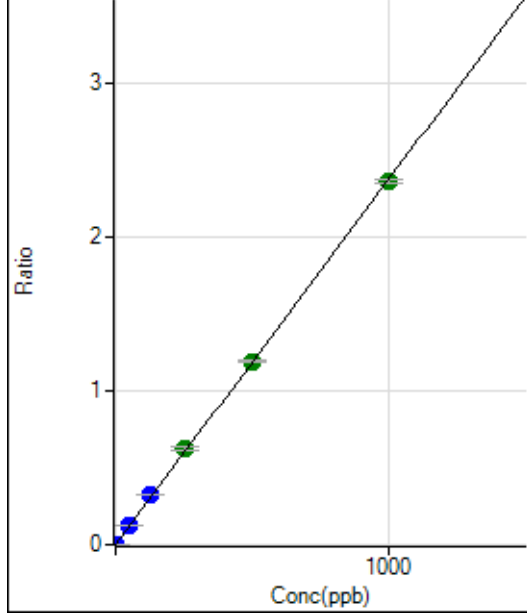


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041425 MS.b\  
Analysis File: P8041425 MS.batch.bin  
DA Date-Time: 2025-04-14 19:05:27  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2025-04-14 15:05:42 |
| 2     | 006CALS.d          | S02         | 2025-04-14 15:12:28 |
| 3     | 007CALB.d          | S03         | 2025-04-14 15:15:50 |
| 4     | 008CALS.d          | S04         | 2025-04-14 15:18:54 |
| 5     | 009CALS.d          | S05         | 2025-04-14 15:21:50 |
| 6     | 010CALS.d          | S06         | 2025-04-14 15:24:39 |
| 7     | 011CALS.d          | S07         | 2025-04-14 15:27:24 |
| 8     | 012CALS.d          | S08         | 2025-04-14 15:30:11 |

Calibration for 008CAL5.d

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 93.74      | 0.0000 | P       | 7.4  |
| 2 | <input type="checkbox"/> | 1.000    | 1.219      | 7265.89    | 0.0029 | P       | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 54.793     | 329221.31  | 0.1300 | P       | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 135.646    | 790877.59  | 0.3218 | P       | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 263.066    | 1482103.52 | 0.6241 | A       | 2.2  |
| 6 | <input type="checkbox"/> | 500.000  | 502.696    | 2807551.79 | 1.1926 | A       | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.815    | 5364742.49 | 2.3576 | A       | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 621.60     | 0.0003 | P       | 15.7 |

$$y = 0.0024 * x + 3.8445E-005$$

$$R = 0.9999$$

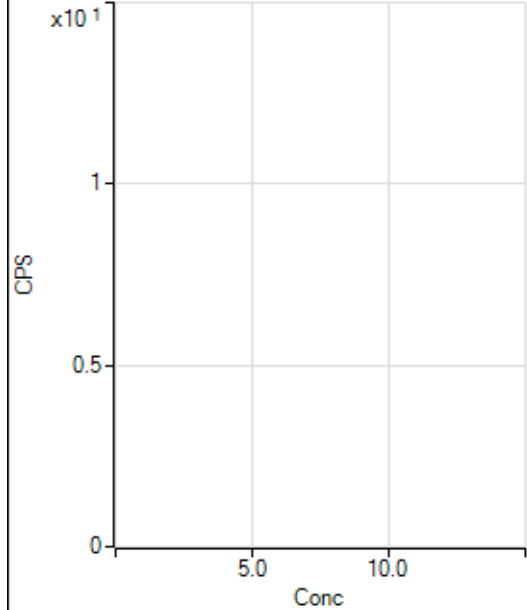
$$DL = 0.003581$$

$$BEC = 0.01621$$

Weight: <None>

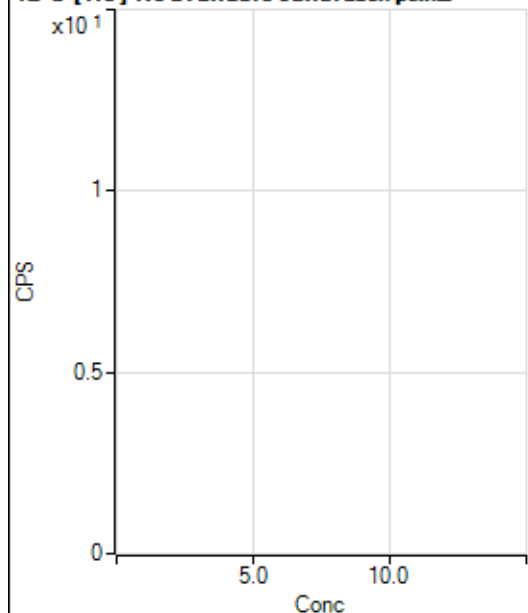
Min Conc: 0

12 C [No Gas] No available calibration points



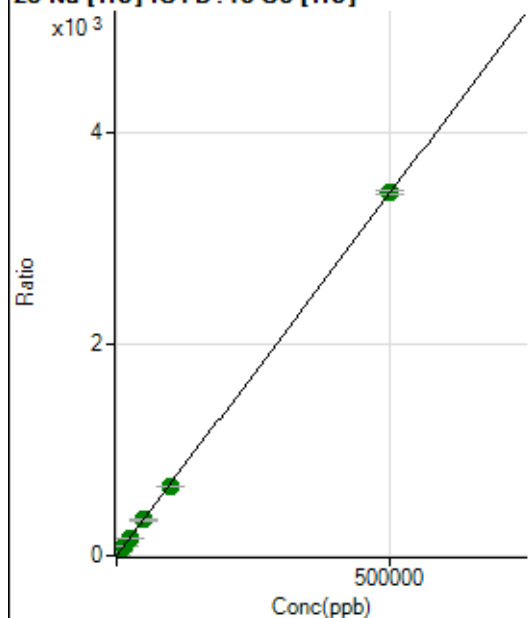
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> |       |            | 4125220.11 |       | A       | 1.2 |
| 2 | <input type="checkbox"/> |       |            | 4153654.62 |       | A       | 2.0 |
| 3 | <input type="checkbox"/> |       |            | 4174636.26 |       | A       | 0.8 |
| 4 | <input type="checkbox"/> |       |            | 4266026.78 |       | A       | 0.5 |
| 5 | <input type="checkbox"/> |       |            | 4472245.18 |       | A       | 0.5 |
| 6 | <input type="checkbox"/> |       |            | 5119379.16 |       | A       | 1.9 |
| 7 | <input type="checkbox"/> |       |            | 5910227.07 |       | A       | 3.9 |
| 8 | <input type="checkbox"/> |       |            | 4495699.20 |       | A       | 1.4 |

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



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|----------|-------|---------|-----|
| 1 | <input type="checkbox"/> |       |            | 27895.33 |       | P       | 1.2 |
| 2 | <input type="checkbox"/> |       |            | 28047.92 |       | P       | 1.7 |
| 3 | <input type="checkbox"/> |       |            | 28647.93 |       | P       | 0.5 |
| 4 | <input type="checkbox"/> |       |            | 29877.03 |       | P       | 1.9 |
| 5 | <input type="checkbox"/> |       |            | 32354.47 |       | P       | 0.4 |
| 6 | <input type="checkbox"/> |       |            | 39348.11 |       | P       | 1.6 |
| 7 | <input type="checkbox"/> |       |            | 46923.50 |       | P       | 0.7 |
| 8 | <input type="checkbox"/> |       |            | 39312.46 |       | P       | 0.5 |

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio      | De<br>t | RSD |
|---|--------------------------|-----------|------------|--------------|------------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 34906.10     | 0.3642     | P       | 1.8 |
| 2 | <input type="checkbox"/> | 500.000   | 543.337    | 391782.90    | 4.0807     | P       | 2.3 |
| 3 | <input type="checkbox"/> | 5000.000  | 5070.641   | 3280780.54   | 35.0477    | A       | 1.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 12633.150  | 7662715.86   | 86.7757    | A       | 1.7 |
| 5 | <input type="checkbox"/> | 25000.000 | 24804.391  | 14804921.58  | 170.0277   | A       | 1.2 |
| 6 | <input type="checkbox"/> | 50000.000 | 49128.907  | 29031390.96  | 336.4088   | A       | 1.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 95380.665  | 57243681.93  | 652.7735   | A       | 1.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 501016.67  | 298203557.78 | 3,427.3471 | A       | 1.0 |

$$y = 0.0068 * x + 0.3642$$

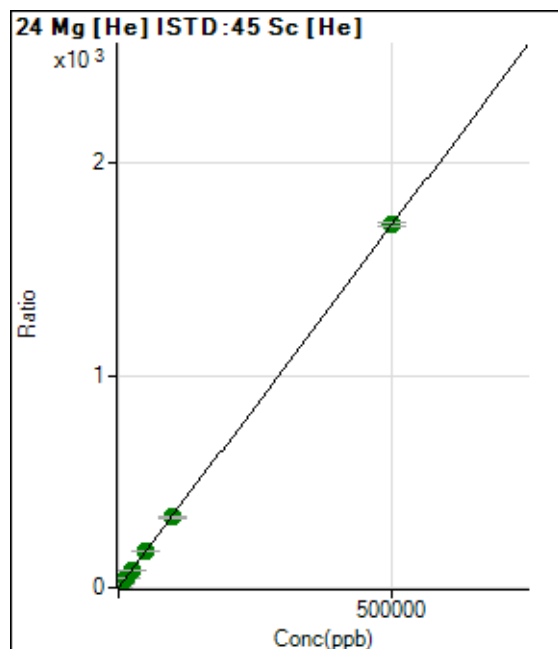
$$R = 1.0000$$

$$DL = 2.941$$

$$BEC = 53.25$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio      | De<br>t | RSD  |
|---|--------------------------|-----------|------------|--------------|------------|---------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 367.79       | 0.0038     | P       | 21.2 |
| 2 | <input type="checkbox"/> | 500.000   | 554.610    | 182260.66    | 1.8984     | P       | 2.3  |
| 3 | <input type="checkbox"/> | 5000.000  | 5199.536   | 1663107.56   | 17.7652    | A       | 0.9  |
| 4 | <input type="checkbox"/> | 12500.000 | 12898.179  | 3890864.42   | 44.0633    | A       | 2.3  |
| 5 | <input type="checkbox"/> | 25000.000 | 25097.057  | 7465271.97   | 85.7340    | A       | 0.4  |
| 6 | <input type="checkbox"/> | 50000.000 | 49618.439  | 14627766.17  | 169.4977   | A       | 0.4  |
| 7 | <input type="checkbox"/> | 100000.00 | 96896.661  | 29026230.40  | 330.9976   | A       | 1.4  |
| 8 | <input type="checkbox"/> | 500000.00 | 500641.96  | 148791547.78 | 1,710.1697 | A       | 1.1  |

$$y = 0.0034 * x + 0.0038$$

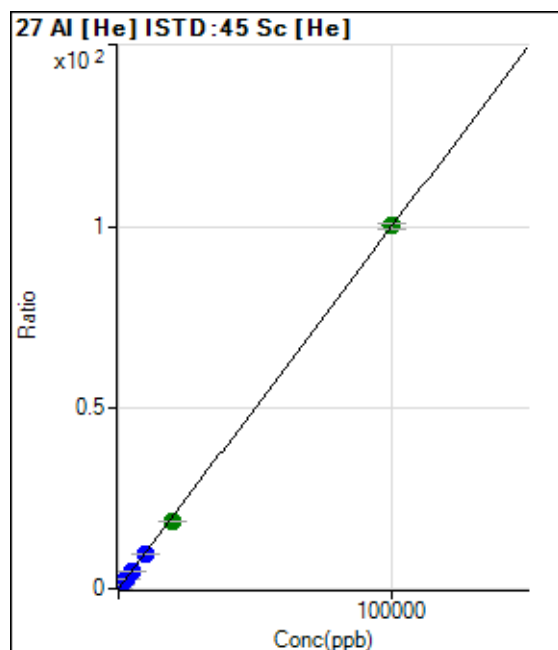
$$R = 1.0000$$

$$DL = 0.715$$

$$BEC = 1.124$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 265.56     | 0.0028   | P       | 6.1 |
| 2 | <input type="checkbox"/> | 20.000    | 20.404     | 2221.30    | 0.0231   | P       | 4.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 997.570    | 93455.32   | 0.9983   | P       | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2505.622   | 221057.34  | 2.5033   | P       | 1.6 |
| 5 | <input type="checkbox"/> | 5000.000  | 4908.502   | 426778.76  | 4.9014   | P       | 0.6 |
| 6 | <input type="checkbox"/> | 10000.000 | 9605.047   | 827475.89  | 9.5884   | P       | 0.4 |
| 7 | <input type="checkbox"/> | 20000.000 | 18667.881  | 1634061.45 | 18.6329  | A       | 1.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 100310.37  | 8709926.61 | 100.1104 | A       | 1.7 |

$$y = 9.9798E-004 * x + 0.0028$$

$$R = 0.9999$$

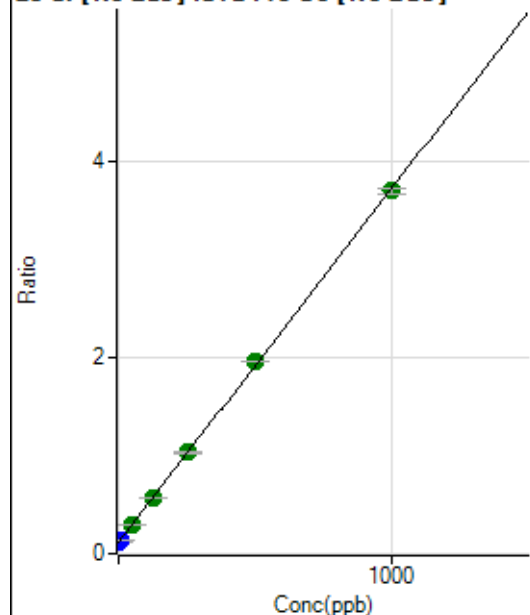
$$DL = 0.5047$$

$$BEC = 2.776$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 512346.19   | 0.1160 | P       | 1.7 |
| 2 | <input type="checkbox"/> | 10.000   | 7.338      | 632369.63   | 0.1425 | P       | 0.7 |
| 3 | <input type="checkbox"/> | 50.000   | 50.032     | 1302569.87  | 0.2965 | A       | 0.8 |
| 4 | <input type="checkbox"/> | 125.000  | 125.689    | 2447495.52  | 0.5693 | A       | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 253.542    | 4330429.59  | 1.0304 | A       | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 510.527    | 8033796.89  | 1.9571 | A       | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.790    | 15056432.00 | 3.6999 | A       | 1.3 |
| 8 | <input type="checkbox"/> |          |            | 741952.10   | 0.1864 | P       | 4.1 |

$$y = 0.0036 * x + 0.1160$$

$$R = 0.9999$$

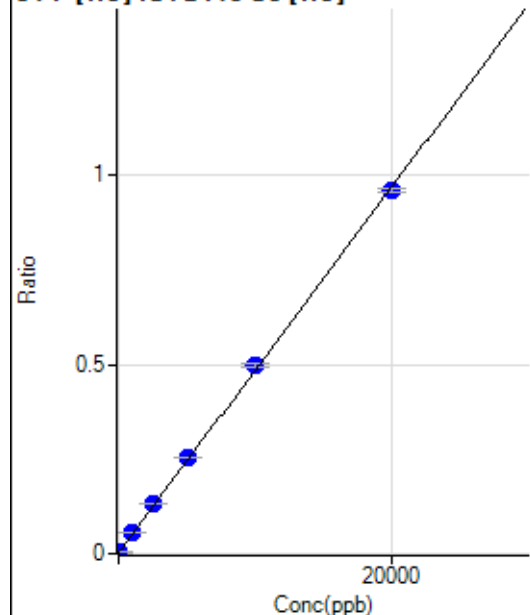
$$DL = 1.597$$

$$BEC = 32.17$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | De<br>t | RSD  |
|---|--------------------------|-----------|------------|----------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000     | -16.281    | 135.56   | 0.0014 | P       | 4.0  |
| 2 | <input type="checkbox"/> | 0.000     | 16.281     | 286.67   | 0.0030 | P       | 9.7  |
| 3 | <input type="checkbox"/> | 1000.000  | 1090.911   | 5136.51  | 0.0549 | P       | 1.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2666.692   | 11563.60 | 0.1310 | P       | 1.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 5197.398   | 22041.22 | 0.2531 | P       | 1.3  |
| 6 | <input type="checkbox"/> | 10000.000 | 10231.889  | 42820.79 | 0.4962 | P       | 1.7  |
| 7 | <input type="checkbox"/> | 20000.000 | 19809.324  | 84068.07 | 0.9586 | P       | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 168.89   | 0.0019 | P       | 16.1 |

$$y = 4.8281E-005 * x + 0.0022$$

$$R = 0.9998$$

$$DL = 10.78$$

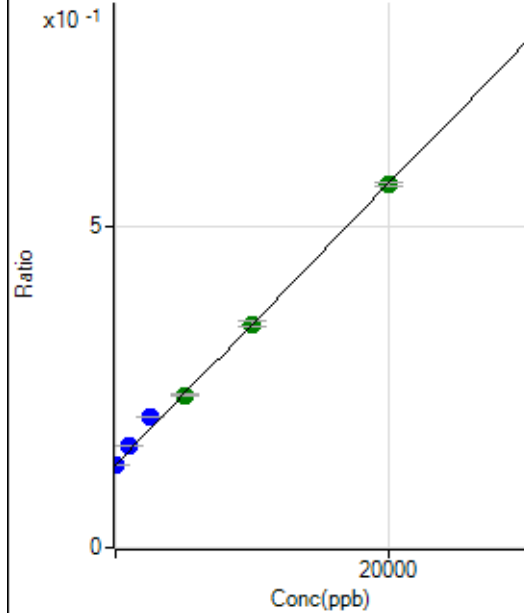
$$BEC = 45.58$$

Weight: <None>

Min Conc: 0

Calibration for 008CAL5.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | De<br>t | RSD |
|---|--------------------------|-----------|------------|------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -3.914     | 571618.92  | 0.1294 | P       | 1.8 |
| 2 | <input type="checkbox"/> | 0.000     | 3.914      | 575219.96  | 0.1296 | P       | 0.8 |
| 3 | <input type="checkbox"/> | 1000.000  | 1345.277   | 698977.92  | 0.1591 | P       | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 3402.079   | 878125.50  | 0.2043 | P       | 1.2 |
| 5 | <input type="checkbox"/> | 5000.000  | 4950.514   | 1001387.76 | 0.2383 | A       | 0.8 |
| 6 | <input type="checkbox"/> | 10000.000 | 9982.770   | 1431668.38 | 0.3488 | A       | 2.6 |
| 7 | <input type="checkbox"/> | 20000.000 | 19890.963  | 2304944.29 | 0.5664 | A       | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 453982.05  | 0.1141 | P       | 2.0 |

$$y = 2.1965E-005 * x + 0.1295$$

$$R = 0.9989$$

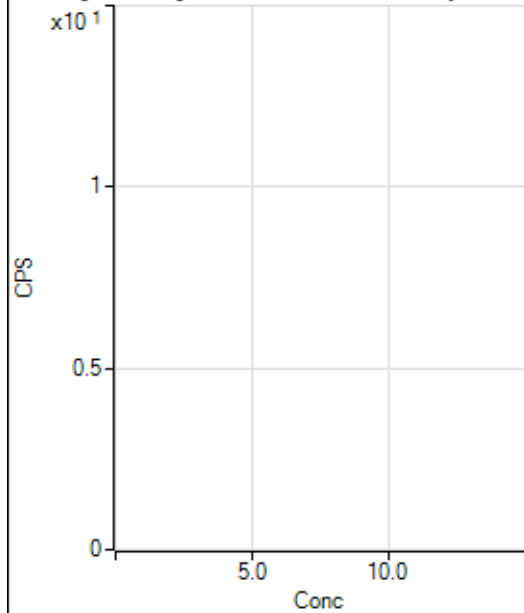
$$DL = 229.6$$

$$BEC = 5897$$

Weight: <None>

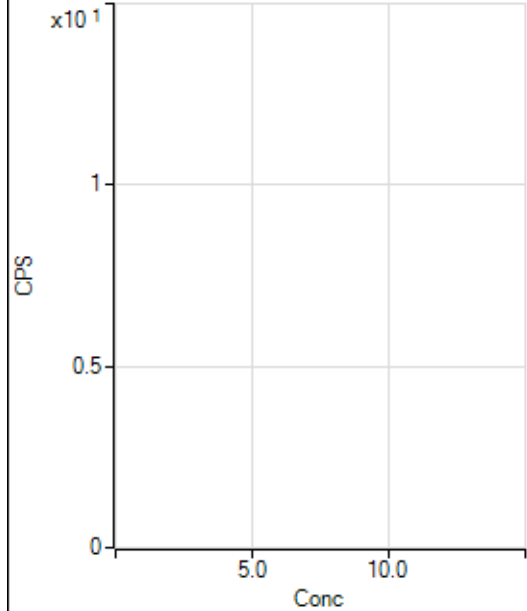
Min Conc: 0

35 Cl [No Gas] No available calibration points



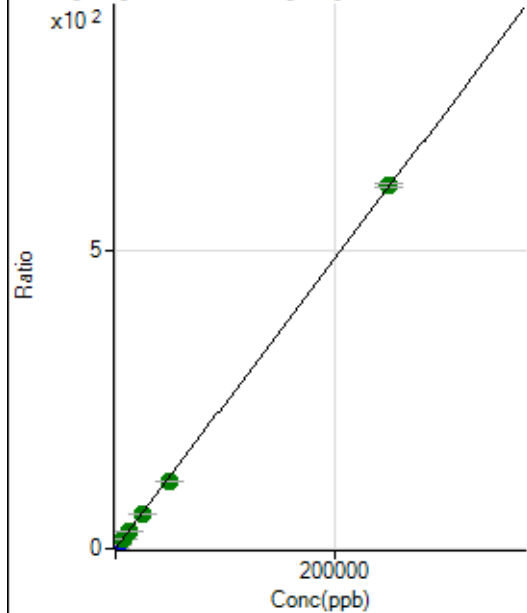
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|-----------|-------|---------|-----|
| 1 | <input type="checkbox"/> |       |            | 101529.21 |       | P       | 1.8 |
| 2 | <input type="checkbox"/> |       |            | 105746.84 |       | P       | 1.0 |
| 3 | <input type="checkbox"/> |       |            | 107613.88 |       | P       | 0.9 |
| 4 | <input type="checkbox"/> |       |            | 114418.68 |       | P       | 0.4 |
| 5 | <input type="checkbox"/> |       |            | 120305.67 |       | P       | 0.5 |
| 6 | <input type="checkbox"/> |       |            | 135016.86 |       | P       | 1.3 |
| 7 | <input type="checkbox"/> |       |            | 181051.94 |       | P       | 2.7 |
| 8 | <input type="checkbox"/> |       |            | 120901.90 |       | P       | 0.4 |

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



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 391.12 |       | P       | 8.1  |
| 2 | <input type="checkbox"/> |       |            | 426.68 |       | P       | 15.1 |
| 3 | <input type="checkbox"/> |       |            | 375.56 |       | P       | 11.3 |
| 4 | <input type="checkbox"/> |       |            | 440.01 |       | P       | 7.2  |
| 5 | <input type="checkbox"/> |       |            | 488.90 |       | P       | 11.5 |
| 6 | <input type="checkbox"/> |       |            | 603.35 |       | P       | 8.0  |
| 7 | <input type="checkbox"/> |       |            | 747.81 |       | P       | 8.9  |
| 8 | <input type="checkbox"/> |       |            | 561.13 |       | P       | 0.3  |

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15619.65    | 0.1630   | P       | 1.5 |
| 2 | <input type="checkbox"/> | 500.000   | 513.060    | 135155.96   | 1.4077   | P       | 1.9 |
| 3 | <input type="checkbox"/> | 2500.000  | 2452.514   | 572249.86   | 6.1129   | P       | 0.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6215.090   | 1345899.32  | 15.2412  | A       | 1.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12102.508  | 2570843.54  | 29.5244  | A       | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 23344.984  | 4901817.84  | 56.7994  | A       | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 46200.120  | 9843836.52  | 112.2473 | A       | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 250946.67  | 52982371.99 | 608.9752 | A       | 0.9 |

$$y = 0.0024 * x + 0.1630$$

$$R = 0.9999$$

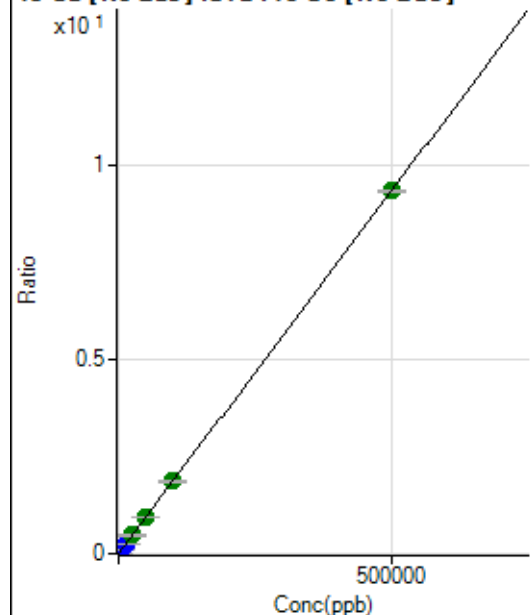
$$DL = 3.08$$

$$BEC = 67.18$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1313.41     | 0.0003 | P       | 7.6 |
| 2 | <input type="checkbox"/> | 500.000   | 543.444    | 46424.58    | 0.0105 | P       | 1.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5093.978   | 419943.97   | 0.0956 | P       | 1.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 12521.942  | 1008130.06  | 0.2345 | P       | 0.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 25302.670  | 1990065.09  | 0.4735 | A       | 1.7 |
| 6 | <input type="checkbox"/> | 50000.000 | 50189.638  | 3854466.33  | 0.9390 | A       | 0.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 99713.682  | 7590522.94  | 1.8653 | A       | 0.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 500021.63  | 37217676.39 | 9.3523 | A       | 0.4 |

$$y = 1.8703E-005 * x + 2.9753E-004$$

R = 1.0000

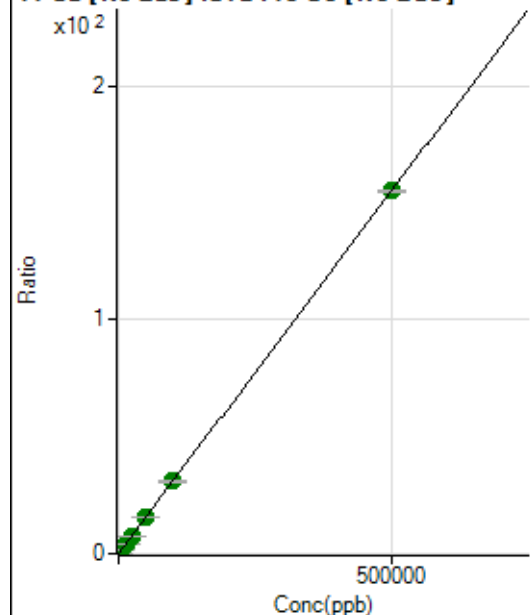
DL = 3.626

BEC = 15.91

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|--------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 27470.81     | 0.0062   | P       | 1.5 |
| 2 | <input type="checkbox"/> | 500.000   | 537.698    | 767266.31    | 0.1729   | P       | 0.8 |
| 3 | <input type="checkbox"/> | 5000.000  | 5015.551   | 6858830.59   | 1.5609   | A       | 0.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 12294.824  | 16411159.89  | 3.8173   | A       | 0.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 24823.843  | 32365450.91  | 7.7010   | A       | 0.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 49722.573  | 63294476.83  | 15.4191  | A       | 0.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 99508.908  | 125547748.13 | 30.8517  | A       | 0.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 500139.70  | 616970181.92 | 155.0382 | A       | 0.4 |

$$y = 3.0998E-004 * x + 0.0062$$

R = 1.0000

DL = 0.9038

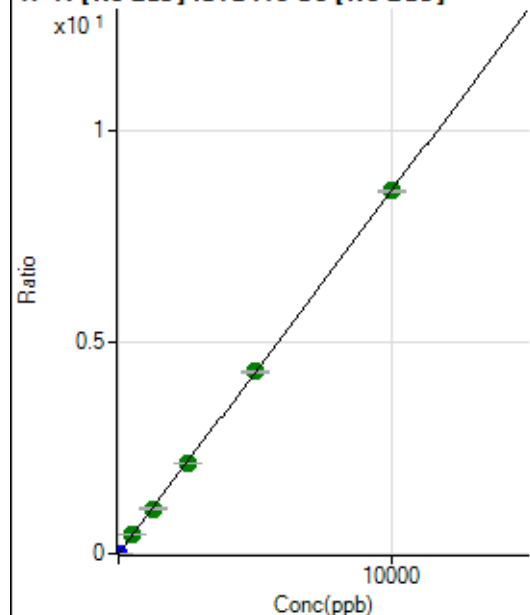
BEC = 20.07

Weight: <None>

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 216.67      | 0.0000 | P       | 6.4 |
| 2 | <input type="checkbox"/> | 5.000     | 5.377      | 20682.77    | 0.0047 | P       | 3.5 |
| 3 | <input type="checkbox"/> | 500.000   | 511.323    | 1927337.33  | 0.4386 | A       | 1.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1241.840   | 4579471.91  | 1.0652 | A       | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2486.038   | 8962247.71  | 2.1324 | A       | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5011.791   | 17646529.04 | 4.2989 | A       | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9998.048   | 34897706.14 | 8.5758 | A       | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 2551.36     | 0.0006 | P       | 6.6 |

$$y = 8.5774E-004 * x + 4.9081E-005$$

$$R = 1.0000$$

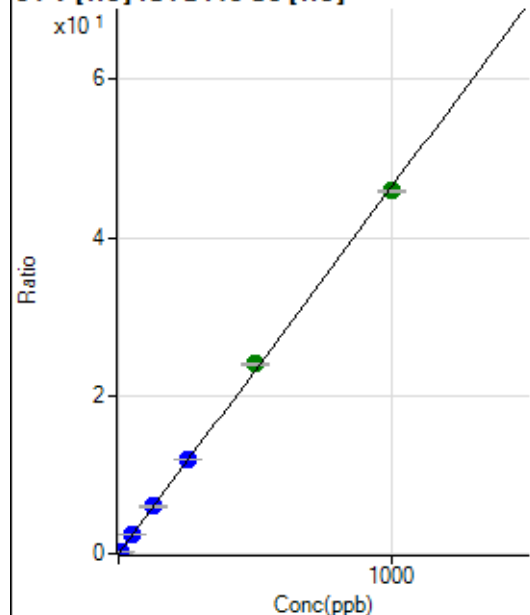
$$DL = 0.01091$$

$$BEC = 0.05722$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | De<br>t | RSD  |
|---|--------------------------|----------|------------|------------|---------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 24.44      | 0.0003  | P       | 39.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.524      | 24632.41   | 0.2566  | P       | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 51.629     | 224273.63  | 2.3958  | P       | 0.1  |
| 4 | <input type="checkbox"/> | 125.000  | 129.406    | 530223.66  | 6.0045  | P       | 1.7  |
| 5 | <input type="checkbox"/> | 250.000  | 256.449    | 1036096.23 | 11.8991 | P       | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 516.581    | 2068475.51 | 23.9688 | A       | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.462    | 4026380.43 | 45.9097 | A       | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 1174.51    | 0.0135  | P       | 2.1  |

$$y = 0.0464 * x + 2.5520E-004$$

$$R = 0.9998$$

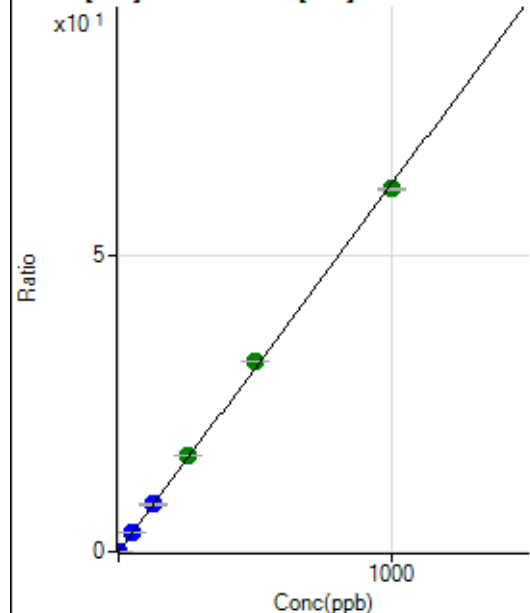
$$DL = 0.00652$$

$$BEC = 0.0055$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | De<br>t | RSD |
|---|--------------------------|----------|------------|------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1383.41    | 0.0144  | P       | 2.2 |
| 2 | <input type="checkbox"/> | 2.000    | 2.138      | 14105.93   | 0.1469  | P       | 2.4 |
| 3 | <input type="checkbox"/> | 50.000   | 51.026     | 297321.40  | 3.1761  | P       | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 128.583    | 704844.90  | 7.9816  | P       | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 262.345    | 1416657.57 | 16.2697 | A       | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 517.784    | 2769953.33 | 32.0971 | A       | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 987.522    | 5367478.08 | 61.2026 | A       | 0.4 |
| 8 | <input type="checkbox"/> |          |            | 47682.46   | 0.5481  | P       | 0.8 |

$$y = 0.0620 * x + 0.0144$$

$$R = 0.9997$$

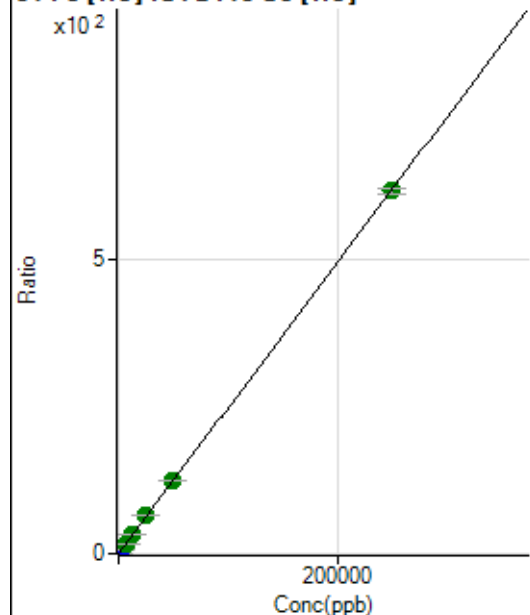
$$DL = 0.01514$$

$$BEC = 0.233$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 801.14      | 0.0084   | P       | 7.1 |
| 2 | <input type="checkbox"/> | 50.000    | 57.182     | 14381.77    | 0.1498   | P       | 5.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2655.029   | 615559.88   | 6.5756   | P       | 0.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 6904.490   | 1508834.27  | 17.0867  | A       | 1.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 13445.493  | 2896571.24  | 33.2659  | A       | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 26458.277  | 5648665.82  | 65.4532  | A       | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50795.728  | 11019894.14 | 125.6522 | A       | 0.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249629.83  | 53724815.87 | 617.4708 | A       | 1.7 |

$$y = 0.0025 * x + 0.0084$$

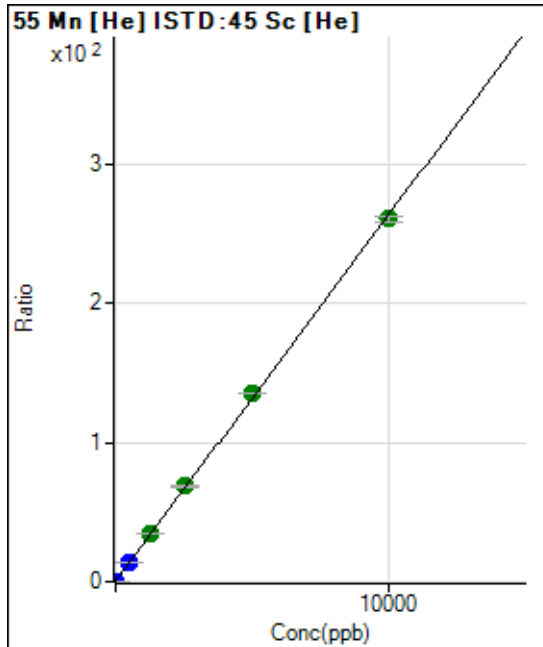
$$R = 1.0000$$

$$DL = 0.7187$$

$$BEC = 3.379$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 22256.32    | 0.2322   | P       | 1.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.828      | 24388.68    | 0.2540   | P       | 3.1 |
| 3 | <input type="checkbox"/> | 500.000   | 513.313    | 1284951.87  | 13.7263  | P       | 0.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1321.279   | 3087798.98  | 34.9663  | A       | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2591.213   | 5951508.38  | 68.3506  | A       | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 5151.063   | 11706138.02 | 135.6446 | A       | 0.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9892.090   | 22824762.16 | 260.2778 | A       | 1.3 |
| 8 | <input type="checkbox"/> |           |            | 12276.45    | 0.1411   | P       | 2.0 |

$$y = 0.0263 * x + 0.2322$$

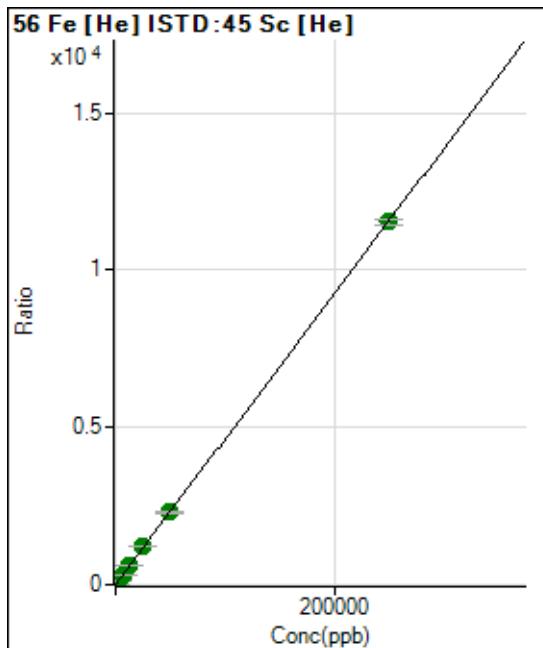
$$R = 0.9998$$

$$DL = 0.3794$$

$$BEC = 8.834$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio     | De<br>t | RSD |
|---|--------------------------|-----------|------------|--------------|-----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 10619.62     | 0.1108    | P       | 3.2 |
| 2 | <input type="checkbox"/> | 50.000    | 54.995     | 254317.44    | 2.6489    | P       | 3.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2623.706   | 11345534.00  | 121.1992  | A       | 0.8 |
| 4 | <input type="checkbox"/> | 6250.000  | 6626.934   | 27020014.88  | 305.9549  | A       | 0.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 13090.022  | 52613126.99  | 604.2373  | A       | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26005.016  | 103585461.79 | 1200.2860 | A       | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50153.822  | 202983094.75 | 2314.7939 | A       | 2.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249828.57  | 1003191522.8 | 11530.118 | A       | 1.6 |

$$y = 0.0462 * x + 0.1108$$

$$R = 1.0000$$

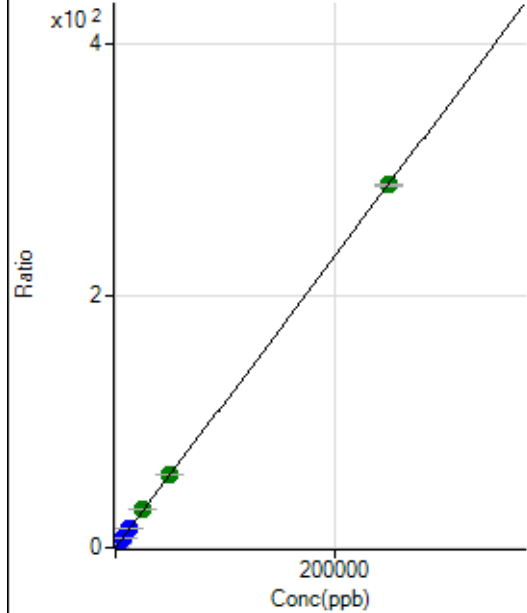
$$DL = 0.227$$

$$BEC = 2.401$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 245.56      | 0.0026   | P       | 6.0 |
| 2 | <input type="checkbox"/> | 50.000    | 53.870     | 6213.63     | 0.0647   | P       | 2.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2633.176   | 284654.50   | 3.0408   | P       | 0.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6601.688   | 672882.09   | 7.6198   | P       | 1.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13064.180  | 1312762.06  | 15.0764  | P       | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 26554.084  | 2644270.05  | 30.6415  | A       | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 50425.185  | 5102366.07  | 58.1848  | A       | 1.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 249721.22  | 25069318.51 | 288.1391 | A       | 0.7 |

$$y = 0.0012 * x + 0.0026$$

$$R = 1.0000$$

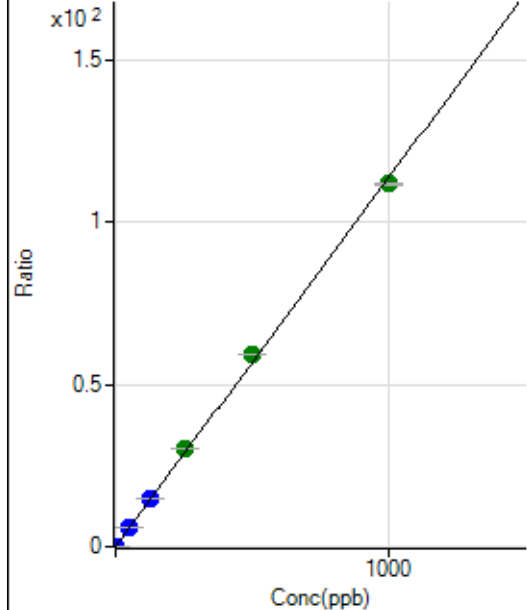
$$DL = 0.4022$$

$$BEC = 2.221$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio    | De<br>t | RSD  |
|---|--------------------------|----------|------------|------------|----------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.78      | 0.0010   | P       | 19.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.168      | 12835.87   | 0.1337   | P       | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 52.822     | 561801.92  | 6.0013   | P       | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 131.276    | 1316945.44 | 14.9132  | P       | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 266.100    | 2632129.70 | 30.2286  | A       | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 522.188    | 5119294.13 | 59.3188  | A       | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 983.955    | 9802255.69 | 111.7732 | A       | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 21522.99   | 0.2474   | P       | 1.8  |

$$y = 0.1136 * x + 0.0010$$

$$R = 0.9995$$

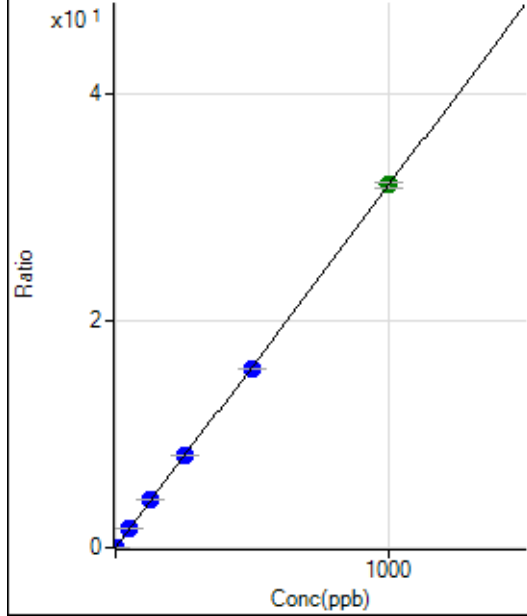
$$DL = 0.005362$$

$$BEC = 0.008981$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | De<br>t | RSD |
|---|--------------------------|----------|------------|------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 723.36     | 0.0075  | P       | 4.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.112      | 4136.19    | 0.0431  | P       | 4.5 |
| 3 | <input type="checkbox"/> | 50.000   | 52.948     | 159114.49  | 1.6997  | P       | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 131.667    | 372269.53  | 4.2155  | P       | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 255.273    | 711035.06  | 8.1659  | P       | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 492.437    | 1358839.18 | 15.7454 | P       | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.482   | 2807383.81 | 32.0141 | A       | 1.6 |
| 8 | <input type="checkbox"/> |          |            | 13450.87   | 0.1546  | P       | 1.0 |

$$y = 0.0320 * x + 0.0075$$

$$R = 0.9999$$

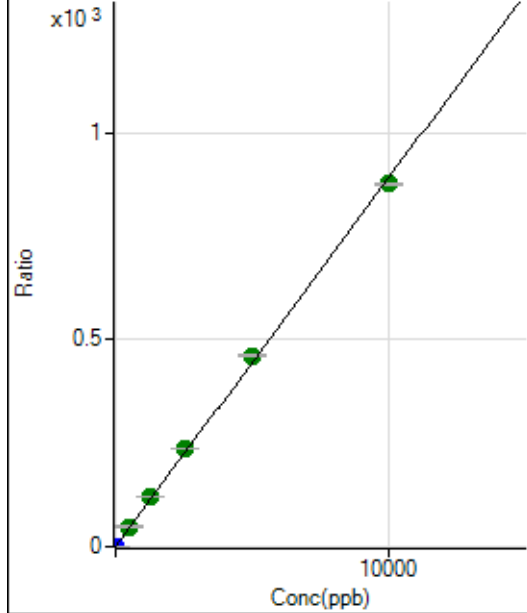
$$DL = 0.03062$$

$$BEC = 0.2362$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|----------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1866.81     | 0.0195   | P       | 4.0 |
| 2 | <input type="checkbox"/> | 2.000     | 2.281      | 21379.49    | 0.2227   | P       | 2.1 |
| 3 | <input type="checkbox"/> | 500.000   | 546.880    | 4562767.15  | 48.7421  | A       | 0.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1355.460   | 10666081.58 | 120.7801 | A       | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2674.412   | 20748772.47 | 238.2880 | A       | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5190.049   | 39905856.07 | 462.4111 | A       | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9845.846   | 76927964.41 | 877.2050 | A       | 0.8 |
| 8 | <input type="checkbox"/> |           |            | 20939.93    | 0.2407   | P       | 1.5 |

$$y = 0.0891 * x + 0.0195$$

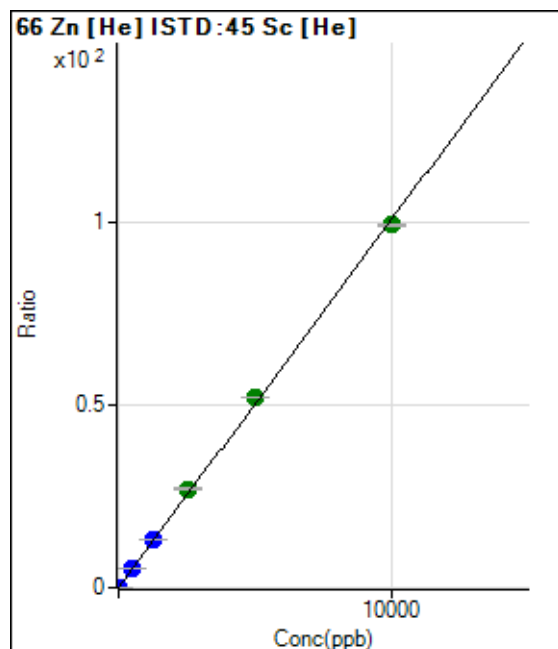
$$R = 0.9995$$

$$DL = 0.02605$$

$$BEC = 0.2186$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | De<br>t | RSD |
|---|--------------------------|-----------|------------|------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1482.32    | 0.0155  | P       | 5.7 |
| 2 | <input type="checkbox"/> | 2.000     | 5.465      | 6769.44    | 0.0705  | P       | 2.1 |
| 3 | <input type="checkbox"/> | 500.000   | 517.311    | 489127.37  | 5.2250  | P       | 0.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1304.716   | 1161632.51 | 13.1544 | P       | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2688.486   | 2358820.31 | 27.0894 | A       | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5172.898   | 4496863.82 | 52.1083 | A       | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9858.724   | 8708072.79 | 99.2962 | A       | 0.6 |
| 8 | <input type="checkbox"/> |           |            | 53275.32   | 0.6123  | P       | 1.2 |

$$y = 0.0101 * x + 0.0155$$

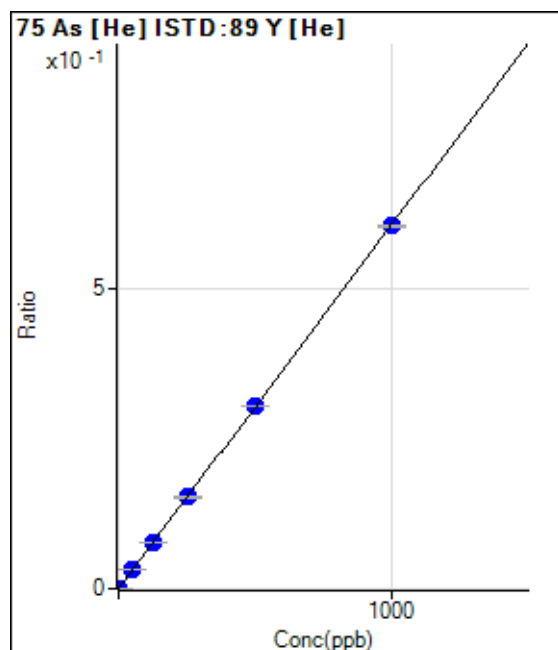
$$R = 0.9996$$

$$DL = 0.2642$$

$$BEC = 1.536$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-----------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.33     | 0.0000 | P       | 26.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.163      | 724.47    | 0.0007 | P       | 11.2 |
| 3 | <input type="checkbox"/> | 50.000   | 50.470     | 30129.96  | 0.0307 | P       | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 125.943    | 73014.49  | 0.0766 | P       | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 252.620    | 142517.38 | 0.1536 | P       | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 503.302    | 280794.11 | 0.3059 | P       | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.553    | 548189.64 | 0.6063 | P       | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 331.12    | 0.0004 | P       | 14.2 |

$$y = 6.0780E-004 * x + 1.3293E-005$$

$$R = 1.0000$$

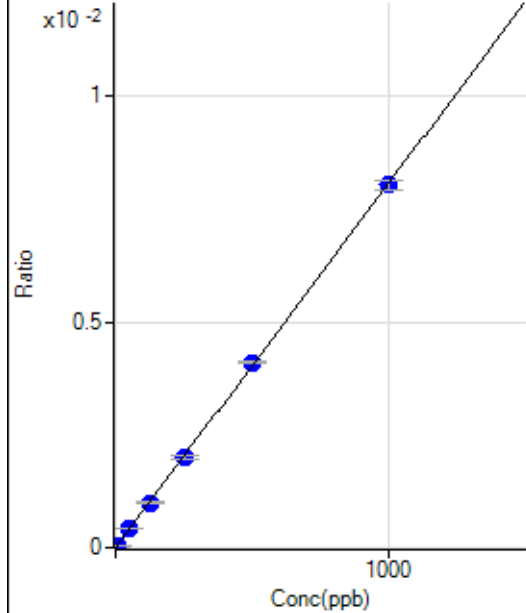
$$DL = 0.01713$$

$$BEC = 0.02187$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|---------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P       | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 5.068      | 42.22   | 0.0000 | P       | 16.4 |
| 3 | <input type="checkbox"/> | 50.000   | 51.788     | 411.12  | 0.0004 | P       | 4.3  |
| 4 | <input type="checkbox"/> | 125.000  | 122.430    | 942.27  | 0.0010 | P       | 5.4  |
| 5 | <input type="checkbox"/> | 250.000  | 247.581    | 1853.47 | 0.0020 | P       | 3.9  |
| 6 | <input type="checkbox"/> | 500.000  | 509.285    | 3769.43 | 0.0041 | P       | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.194    | 7261.93 | 0.0080 | P       | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 7.78    | 0.0000 | P       | 65.5 |

$$y = 8.0621E-006 * x + 1.1152E-006$$

$$R = 0.9999$$

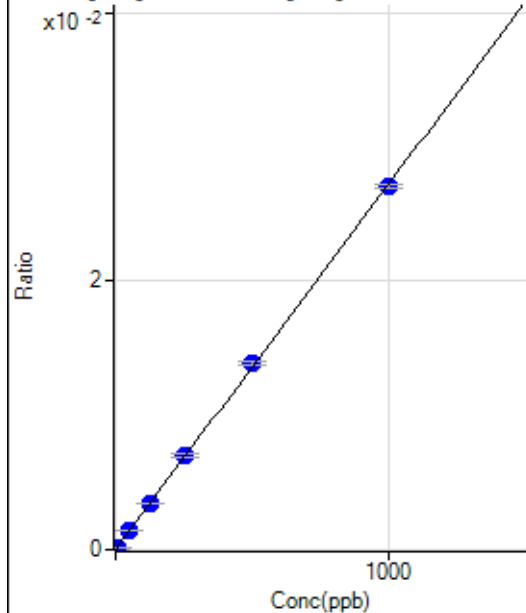
$$DL = 0.7188$$

$$BEC = 0.1383$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|----------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.56    | 0.0000 | P       | 49.0 |
| 2 | <input type="checkbox"/> | 5.000    | 5.813      | 174.45   | 0.0002 | P       | 9.8  |
| 3 | <input type="checkbox"/> | 50.000   | 51.108     | 1378.97  | 0.0014 | P       | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 126.221    | 3287.09  | 0.0034 | P       | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 256.617    | 6488.22  | 0.0070 | P       | 3.6  |
| 6 | <input type="checkbox"/> | 500.000  | 510.173    | 12742.54 | 0.0139 | P       | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.047    | 24420.11 | 0.0270 | P       | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 27.78    | 0.0000 | P       | 38.3 |

$$y = 2.7183E-005 * x + 1.5435E-005$$

$$R = 0.9999$$

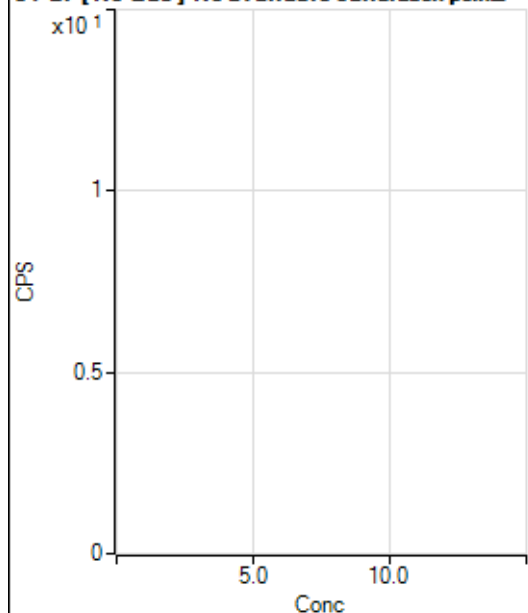
$$DL = 0.835$$

$$BEC = 0.5678$$

Weight: <None>

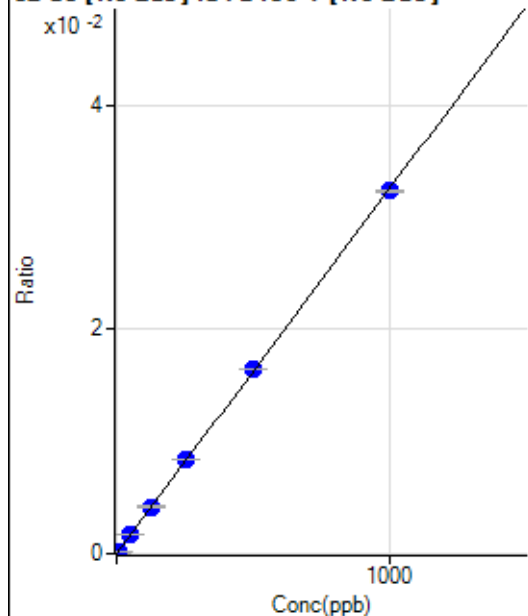
Min Conc: 0

81 Br [ No Gas ] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|----------|-------|---------|-----|
| 1 | <input type="checkbox"/> |       |            | 27033.99 |       | P       | 3.5 |
| 2 | <input type="checkbox"/> |       |            | 26761.19 |       | P       | 1.4 |
| 3 | <input type="checkbox"/> |       |            | 26495.16 |       | P       | 1.5 |
| 4 | <input type="checkbox"/> |       |            | 26279.18 |       | P       | 0.9 |
| 5 | <input type="checkbox"/> |       |            | 25745.95 |       | P       | 2.1 |
| 6 | <input type="checkbox"/> |       |            | 25924.07 |       | P       | 2.9 |
| 7 | <input type="checkbox"/> |       |            | 25353.07 |       | P       | 2.2 |
| 8 | <input type="checkbox"/> |       |            | 23966.17 |       | P       | 2.5 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-----------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11     | 0.0000 | P       | 437. |
| 2 | <input type="checkbox"/> | 5.000    | 5.484      | 2212.46   | 0.0002 | P       | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 52.046     | 20882.74  | 0.0017 | P       | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 128.827    | 50493.81  | 0.0042 | P       | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 258.479    | 99599.59  | 0.0084 | P       | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 506.465    | 194122.04 | 0.0165 | P       | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.065    | 378158.52 | 0.0323 | P       | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 338.91    | 0.0000 | P       | 21.6 |

$$y = 3.2514E-005 * x + 9.4579E-007$$

$$R = 0.9999$$

$$DL = 0.382$$

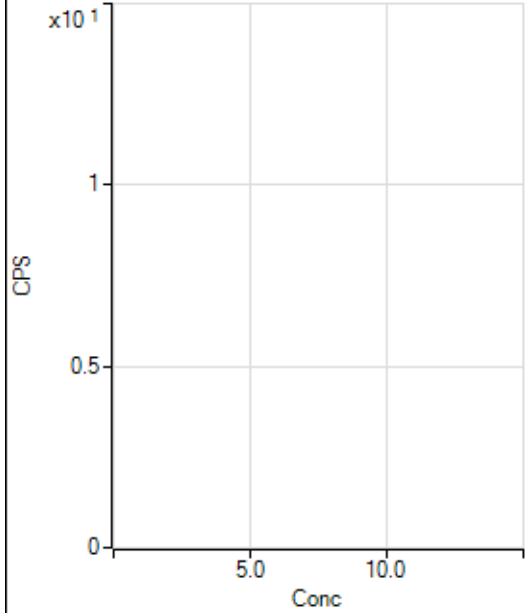
$$BEC = 0.02909$$

Weight: <None>

Min Conc: 0

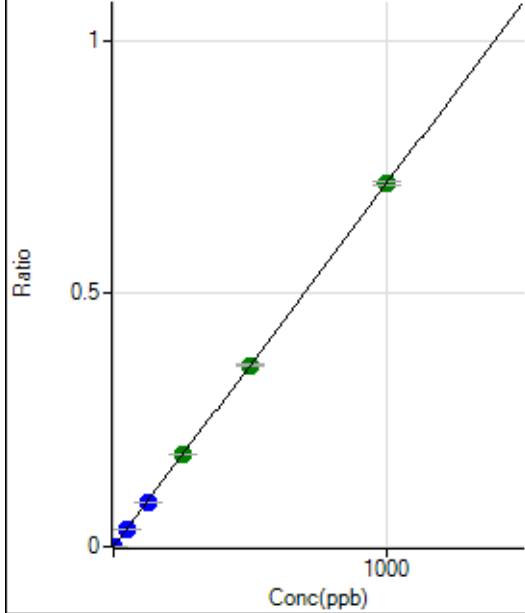


**83 Kr [ No Gas ] No available calibration points**



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 293.34 |       | P       | 9.7  |
| 2 | <input type="checkbox"/> |       |            | 284.45 |       | P       | 13.7 |
| 3 | <input type="checkbox"/> |       |            | 287.78 |       | P       | 8.8  |
| 4 | <input type="checkbox"/> |       |            | 304.45 |       | P       | 10.2 |
| 5 | <input type="checkbox"/> |       |            | 343.34 |       | P       | 7.8  |
| 6 | <input type="checkbox"/> |       |            | 275.56 |       | P       | 15.8 |
| 7 | <input type="checkbox"/> |       |            | 377.79 |       | P       | 14.0 |
| 8 | <input type="checkbox"/> |       |            | 331.12 |       | P       | 4.8  |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 512.24     | 0.0000 | P       | 9.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.035      | 9672.34    | 0.0008 | P       | 2.0 |
| 3 | <input type="checkbox"/> | 50.000   | 48.636     | 430631.55  | 0.0349 | P       | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 121.095    | 1046944.17 | 0.0869 | P       | 1.1 |
| 5 | <input type="checkbox"/> | 250.000  | 254.441    | 2162511.86 | 0.1825 | A       | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 500.069    | 4226932.99 | 0.3586 | A       | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.412    | 8383742.86 | 0.7166 | A       | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 26859.18   | 0.0024 | P       | 1.8 |

$$y = 7.1700E-004 * x + 4.1779E-005$$

$$R = 1.0000$$

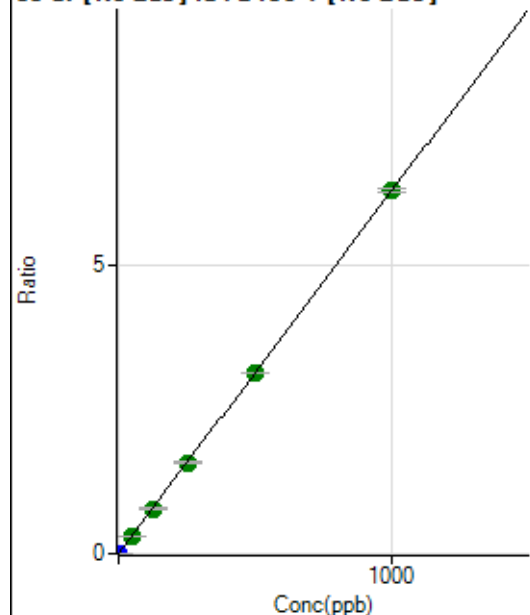
$$DL = 0.01593$$

$$BEC = 0.05827$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 564.46      | 0.0000 | P       | 9.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.036      | 80843.43    | 0.0066 | P       | 1.2 |
| 3 | <input type="checkbox"/> | 50.000   | 50.161     | 3885655.15  | 0.3150 | A       | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 124.369    | 9412283.75  | 0.7810 | A       | 2.3 |
| 5 | <input type="checkbox"/> | 250.000  | 251.497    | 18716826.25 | 1.5792 | A       | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 498.312    | 36886393.62 | 3.1290 | A       | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.540   | 73505632.80 | 6.2826 | A       | 0.9 |
| 8 | <input type="checkbox"/> |          |            | 230048.50   | 0.0204 | P       | 0.8 |

$$y = 0.0063 * x + 4.5998E-005$$

$$R = 1.0000$$

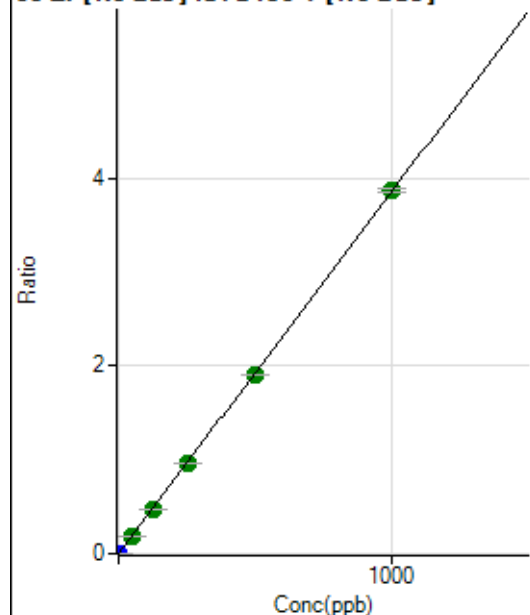
$$DL = 0.002105$$

$$BEC = 0.007326$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 814.48      | 0.0001 | P       | 1.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.033      | 49935.68    | 0.0040 | P       | 1.2 |
| 3 | <input type="checkbox"/> | 50.000   | 49.968     | 2375930.00  | 0.1926 | A       | 1.9 |
| 4 | <input type="checkbox"/> | 125.000  | 122.605    | 5695254.99  | 0.4726 | A       | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 249.262    | 11384533.02 | 0.9607 | A       | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 494.243    | 22452631.89 | 1.9048 | A       | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.364   | 45236918.77 | 3.8668 | A       | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 20609.72    | 0.0018 | P       | 1.8 |

$$y = 0.0039 * x + 6.6382E-005$$

$$R = 1.0000$$

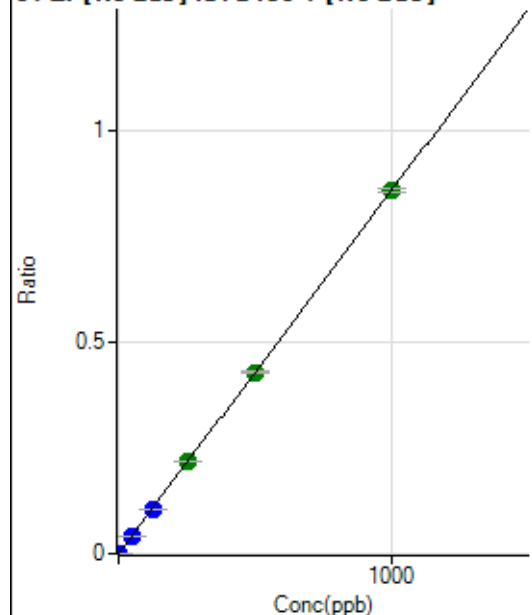
$$DL = 0.001004$$

$$BEC = 0.01723$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 156.67      | 0.0000 | P       | 8.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.024      | 10979.96    | 0.0009 | P       | 1.3 |
| 3 | <input type="checkbox"/> | 50.000   | 48.002     | 507081.42   | 0.0411 | P       | 2.2 |
| 4 | <input type="checkbox"/> | 125.000  | 120.703    | 1245829.92  | 0.1034 | P       | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 255.230    | 2590155.57  | 0.2186 | A       | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 500.022    | 5047013.33  | 0.4282 | A       | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.319    | 10010848.88 | 0.8557 | A       | 0.9 |
| 8 | <input type="checkbox"/> |          |            | 4574.13     | 0.0004 | P       | 0.8 |

$$y = 8.5627E-004 * x + 1.2768E-005$$

R = 1.0000

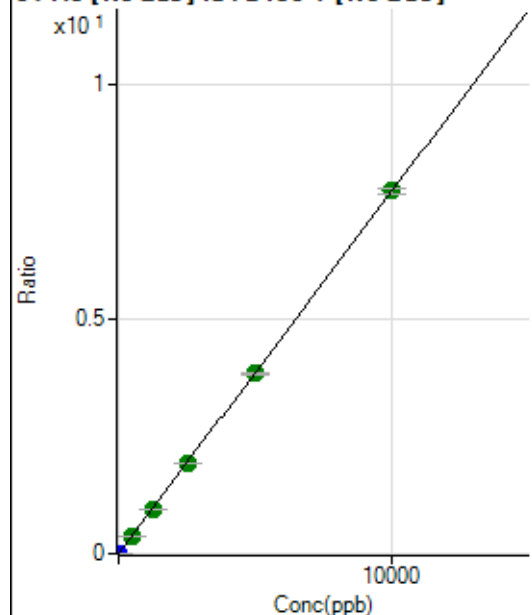
DL = 0.003874

BEC = 0.01491

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|-----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 402.23      | 0.0000 | P       | 6.2 |
| 2 | <input type="checkbox"/> | 5.000     | 6.085      | 58415.21    | 0.0047 | P       | 1.9 |
| 3 | <input type="checkbox"/> | 500.000   | 491.018    | 4678553.02  | 0.3793 | A       | 1.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1228.044   | 11433836.49 | 0.9486 | A       | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2499.680   | 22883007.44 | 1.9309 | A       | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 4966.153   | 45219938.77 | 3.8361 | A       | 0.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 10020.196  | 90549914.21 | 7.7401 | A       | 1.4 |
| 8 | <input type="checkbox"/> |           |            | 17161.78    | 0.0015 | P       | 1.5 |

$$y = 7.7245E-004 * x + 3.2764E-005$$

R = 1.0000

DL = 0.007922

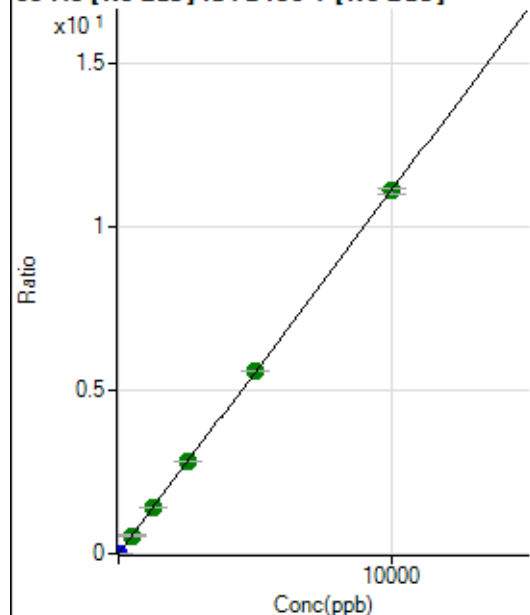
BEC = 0.04242

Weight: <None>

Min Conc: 0

Calibration for 008CALS.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio   | De<br>t | RSD  |
|---|--------------------------|-----------|------------|--------------|---------|---------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 243.34       | 0.0000  | P       | 17.4 |
| 2 | <input type="checkbox"/> | 5.000     | 5.166      | 70988.80     | 0.0058  | P       | 1.8  |
| 3 | <input type="checkbox"/> | 500.000   | 499.951    | 6842170.80   | 0.5548  | A       | 1.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1248.153   | 16692340.73  | 1.3849  | A       | 0.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2529.371   | 33259039.22  | 2.8065  | A       | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5014.531   | 65587822.91  | 5.5640  | A       | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9985.625   | 129617905.85 | 11.0798 | A       | 1.4  |
| 8 | <input type="checkbox"/> |           |            | 16558.84     | 0.0015  | P       | 3.4  |

$$y = 0.0011 * x + 1.9833E-005$$

R = 1.0000

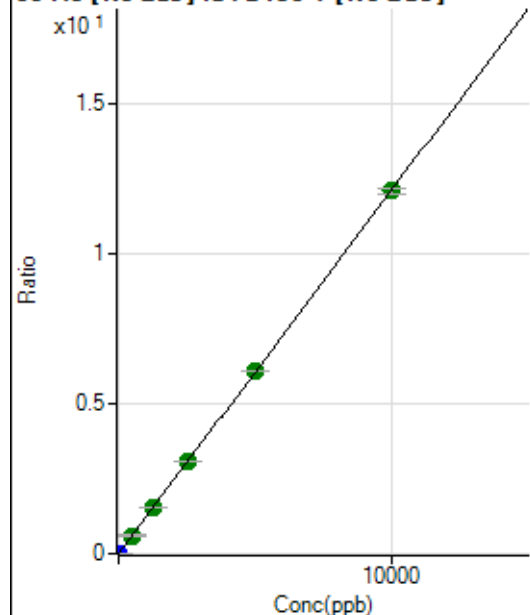
DL = 0.009342

BEC = 0.01787

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio   | De<br>t | RSD |
|---|--------------------------|-----------|------------|--------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 273.34       | 0.0000  | P       | 5.8 |
| 2 | <input type="checkbox"/> | 5.000     | 5.278      | 79031.90     | 0.0064  | P       | 1.4 |
| 3 | <input type="checkbox"/> | 500.000   | 501.056    | 7471579.89   | 0.6058  | A       | 2.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1251.614   | 18239361.95  | 1.5133  | A       | 0.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2525.729   | 36191246.68  | 3.0538  | A       | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5023.866   | 71602790.60  | 6.0743  | A       | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9981.380   | 141190415.68 | 12.0683 | A       | 1.3 |
| 8 | <input type="checkbox"/> |           |            | 30072.65     | 0.0027  | P       | 1.6 |

$$y = 0.0012 * x + 2.2266E-005$$

R = 1.0000

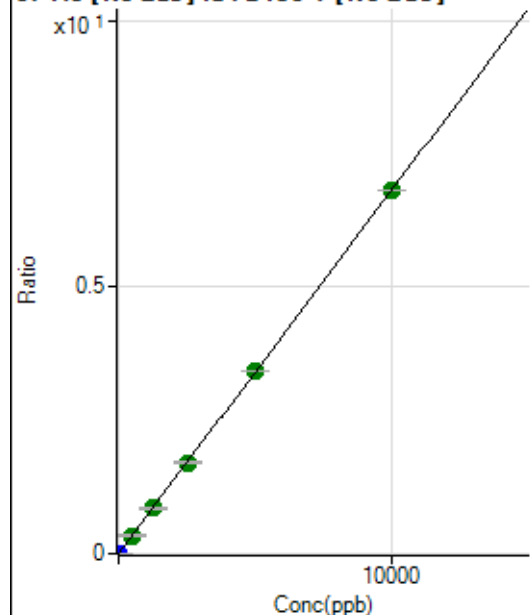
DL = 0.003179

BEC = 0.01842

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 128.89      | 0.0000 | P       | 16.5 |
| 2 | <input type="checkbox"/> | 5.000     | 5.216      | 44024.05    | 0.0036 | P       | 1.2  |
| 3 | <input type="checkbox"/> | 500.000   | 500.328    | 4206664.38  | 0.3411 | A       | 3.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1247.768   | 10252999.64 | 0.8507 | A       | 1.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2512.565   | 20301067.20 | 1.7130 | A       | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5021.755   | 40358375.51 | 3.4237 | A       | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9986.244   | 79654395.48 | 6.8084 | A       | 0.1  |
| 8 | <input type="checkbox"/> |           |            | 10072.62    | 0.0009 | P       | 3.6  |

$$y = 6.8178E-004 * x + 1.0520E-005$$

R = 1.0000

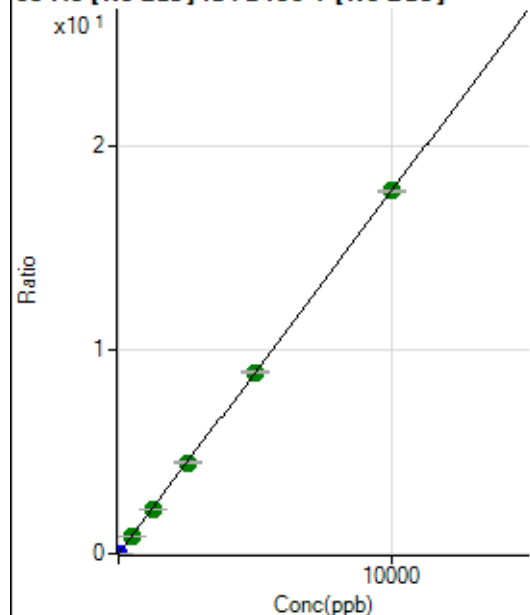
DL = 0.007617

BEC = 0.01543

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio   | De<br>t | RSD |
|---|--------------------------|-----------|------------|--------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 308.90       | 0.0000  | P       | 4.0 |
| 2 | <input type="checkbox"/> | 5.000     | 5.132      | 113072.00    | 0.0092  | P       | 1.0 |
| 3 | <input type="checkbox"/> | 500.000   | 493.835    | 10843106.44  | 0.8791  | A       | 1.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1236.609   | 26532186.55  | 2.2014  | A       | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2505.588   | 52856901.99  | 4.4604  | A       | 1.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 4992.481   | 104761511.77 | 8.8874  | A       | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 10004.345  | 208350056.89 | 17.8093 | A       | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 24718.78     | 0.0022  | P       | 4.2 |

$$y = 0.0018 * x + 2.5174E-005$$

R = 1.0000

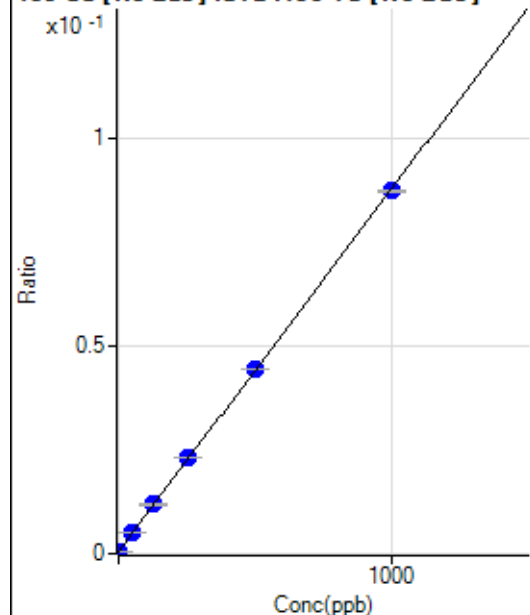
DL = 0.00171

BEC = 0.01414

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-----------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4258.48   | 0.0005 | P       | 2.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.060      | 5015.41   | 0.0006 | P       | 5.9 |
| 3 | <input type="checkbox"/> | 50.000   | 52.955     | 41909.05  | 0.0051 | P       | 1.4 |
| 4 | <input type="checkbox"/> | 125.000  | 129.491    | 97125.17  | 0.0118 | P       | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 258.131    | 186879.72 | 0.0231 | P       | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 504.788    | 362139.70 | 0.0446 | P       | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.864    | 699669.29 | 0.0874 | P       | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 4093.99   | 0.0005 | P       | 0.4 |

$$y = 8.7360\text{E-}005 * x + 5.1977\text{E-}004$$

$$R = 0.9999$$

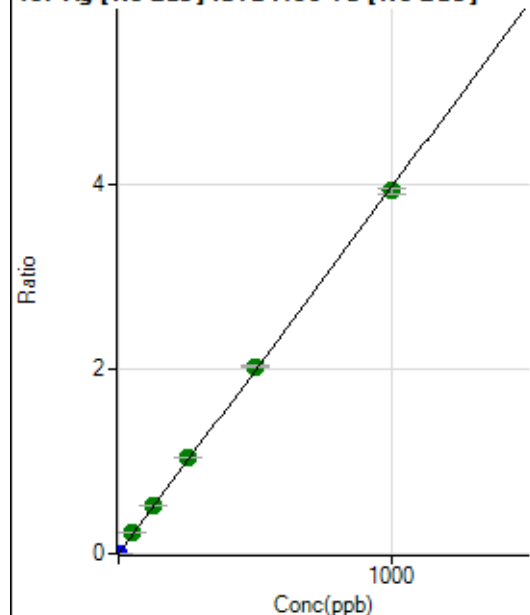
$$DL = 0.4559$$

$$BEC = 5.95$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 132.23      | 0.0000 | P       | 27.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.084      | 35365.23    | 0.0043 | P       | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 55.928     | 1807847.44  | 0.2220 | A       | 2.2  |
| 4 | <input type="checkbox"/> | 125.000  | 132.074    | 4303369.14  | 0.5242 | A       | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 263.612    | 8475892.51  | 1.0463 | A       | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 510.721    | 16452589.48 | 2.0271 | A       | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.056    | 31444848.98 | 3.9296 | A       | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 2940.35     | 0.0004 | P       | 7.8  |

$$y = 0.0040 * x + 1.6153\text{E-}005$$

$$R = 0.9998$$

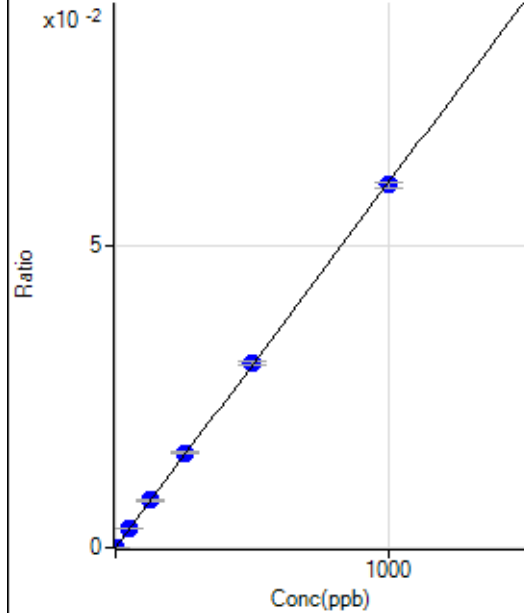
$$DL = 0.003364$$

$$BEC = 0.00407$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-----------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.89      | 0.0000 | P       | 58.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.996      | 503.35    | 0.0001 | P       | 15.5 |
| 3 | <input type="checkbox"/> | 50.000   | 53.696     | 26486.57  | 0.0033 | P       | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 129.540    | 64392.83  | 0.0078 | P       | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 259.863    | 127472.61 | 0.0157 | P       | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 506.020    | 248674.50 | 0.0306 | P       | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.772    | 481521.89 | 0.0602 | P       | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 171.11    | 0.0000 | P       | 13.6 |

$$y = 6.0550E-005 * x + 1.0898E-006$$

$$R = 0.9999$$

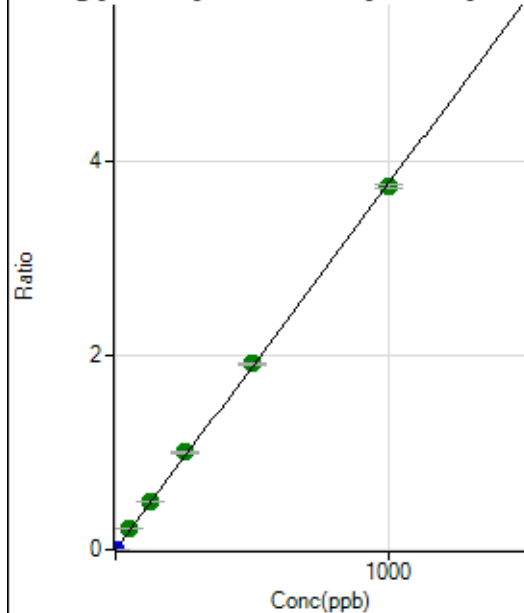
$$DL = 0.0313$$

$$BEC = 0.018$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.44       | 0.0000 | P       | 44.8 |
| 2 | <input type="checkbox"/> | 1.000    | 1.093      | 33739.05    | 0.0041 | P       | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 55.643     | 1704529.56  | 0.2093 | A       | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 132.610    | 4094398.31  | 0.4988 | A       | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 265.638    | 8093721.96  | 0.9992 | A       | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 507.251    | 15484296.43 | 1.9080 | A       | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.231    | 29838416.22 | 3.7284 | A       | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 2823.65     | 0.0004 | P       | 7.2  |

$$y = 0.0038 * x + 6.6228E-006$$

$$R = 0.9998$$

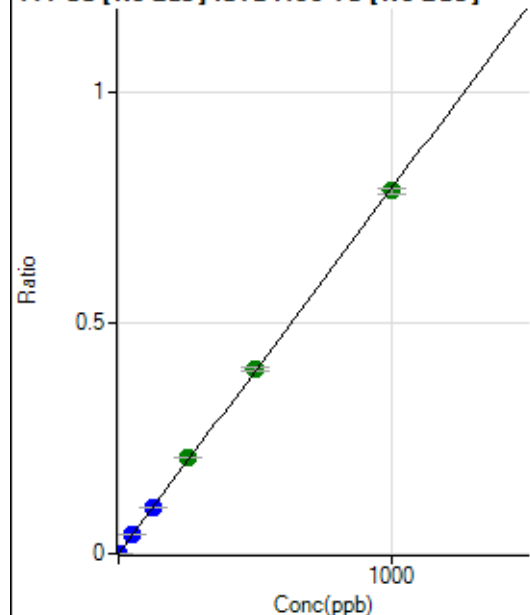
$$DL = 0.002367$$

$$BEC = 0.001761$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3011.38    | 0.0004 | P       | 2.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.115      | 10238.11   | 0.0013 | P       | 3.1 |
| 3 | <input type="checkbox"/> | 50.000   | 51.755     | 336626.16  | 0.0413 | P       | 0.6 |
| 4 | <input type="checkbox"/> | 125.000  | 126.100    | 822361.53  | 0.1002 | P       | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 264.327    | 1697883.74 | 0.2096 | A       | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 505.456    | 3249953.89 | 0.4005 | A       | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.465    | 6295162.75 | 0.7867 | A       | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 3686.06    | 0.0005 | P       | 2.9 |

$$y = 7.9154E-004 * x + 3.6756E-004$$

$$R = 0.9999$$

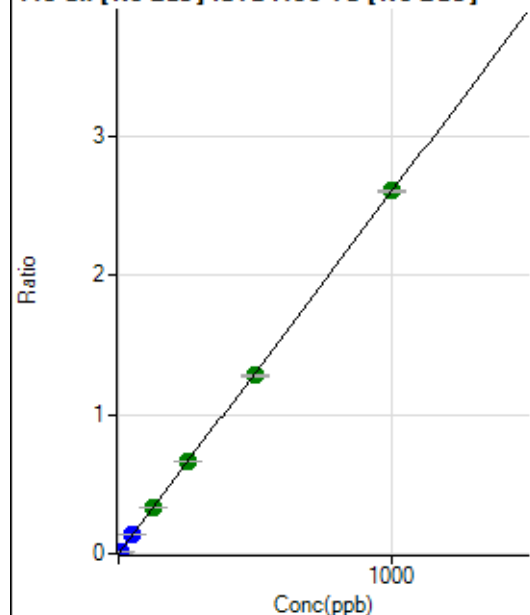
$$DL = 0.03106$$

$$BEC = 0.4644$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|--------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3821.69     | 0.0005 | P       | 3.9 |
| 2 | <input type="checkbox"/> | 5.000    | 5.235      | 115276.64   | 0.0141 | P       | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 50.909     | 1081634.74  | 0.1328 | P       | 0.6 |
| 4 | <input type="checkbox"/> | 125.000  | 127.496    | 2724508.26  | 0.3319 | A       | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 254.528    | 5363782.98  | 0.6622 | A       | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 491.916    | 10382514.71 | 1.2793 | A       | 0.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.551   | 20860527.05 | 2.6068 | A       | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 6342.64     | 0.0008 | P       | 4.8 |

$$y = 0.0026 * x + 4.6632E-004$$

$$R = 0.9999$$

$$DL = 0.0212$$

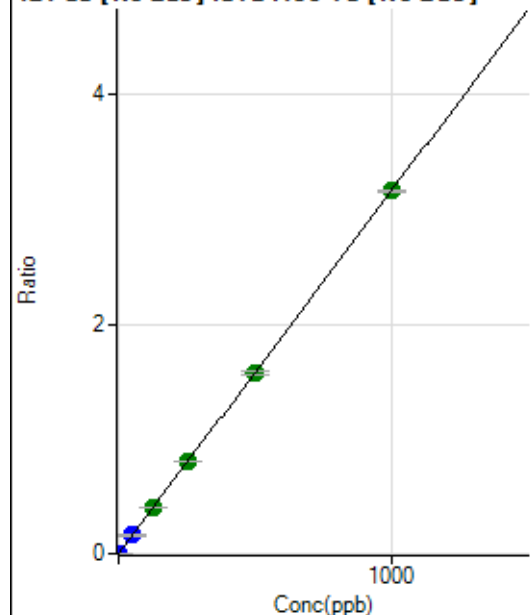
$$BEC = 0.1794$$

Weight: <None>

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 60.00       | 0.0000 | P       | 20.1 |
| 2 | <input type="checkbox"/> | 2.000    | 2.102      | 54483.45    | 0.0067 | P       | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 50.417     | 1298039.94  | 0.1594 | P       | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 126.848    | 3291595.40  | 0.4010 | A       | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 254.409    | 6514502.82  | 0.8042 | A       | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 497.905    | 12772876.48 | 1.5739 | A       | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.693    | 25290589.07 | 3.1601 | A       | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 13359.95    | 0.0017 | P       | 3.5  |

$$y = 0.0032 * x + 7.3296E-006$$

$$R = 1.0000$$

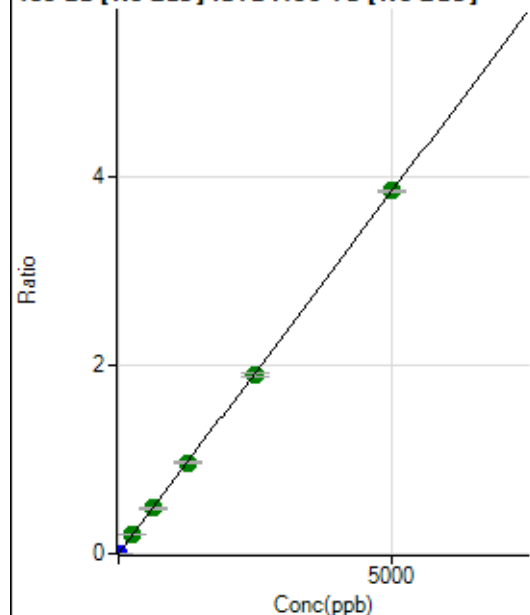
$$DL = 0.001396$$

$$BEC = 0.002319$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 136.67      | 0.0000 | P       | 21.8 |
| 2 | <input type="checkbox"/> | 10.000   | 10.408     | 65450.39    | 0.0080 | P       | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 259.061    | 1616943.66  | 0.1985 | A       | 2.2  |
| 4 | <input type="checkbox"/> | 625.000  | 626.828    | 3943167.72  | 0.4804 | A       | 1.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1261.926   | 7834024.88  | 0.9671 | A       | 0.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2464.104   | 15325024.77 | 1.8884 | A       | 1.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.284   | 30751443.43 | 3.8427 | A       | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 11933.13    | 0.0016 | P       | 1.3  |

$$y = 7.6634E-004 * x + 1.6707E-005$$

$$R = 1.0000$$

$$DL = 0.01428$$

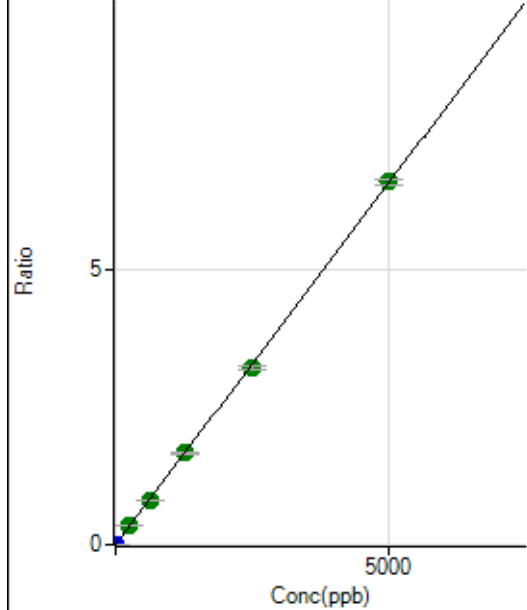
$$BEC = 0.0218$$

Weight: <None>

Min Conc: 0

Calibration for 008CAL.S.d

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 244.45      | 0.0000 | P       | 10.6 |
| 2 | <input type="checkbox"/> | 10.000   | 10.481     | 113286.92   | 0.0138 | P       | 0.8  |
| 3 | <input type="checkbox"/> | 250.000  | 257.718    | 2764367.63  | 0.3394 | A       | 1.3  |
| 4 | <input type="checkbox"/> | 625.000  | 617.596    | 6677186.08  | 0.8134 | A       | 0.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1265.930   | 13506337.85 | 1.6673 | A       | 0.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2457.460   | 26265571.55 | 3.2366 | A       | 2.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5017.826   | 52879976.99 | 6.6086 | A       | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 20643.60    | 0.0027 | P       | 1.9  |

$$y = 0.0013 * x + 2.9824E-005$$

$$R = 0.9999$$

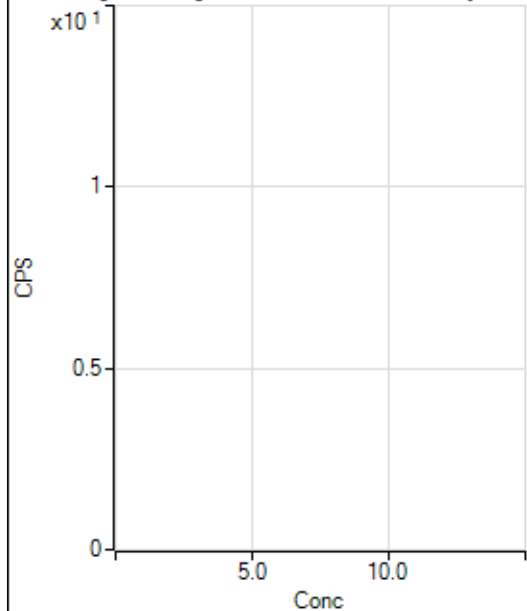
$$DL = 0.007189$$

$$BEC = 0.02265$$

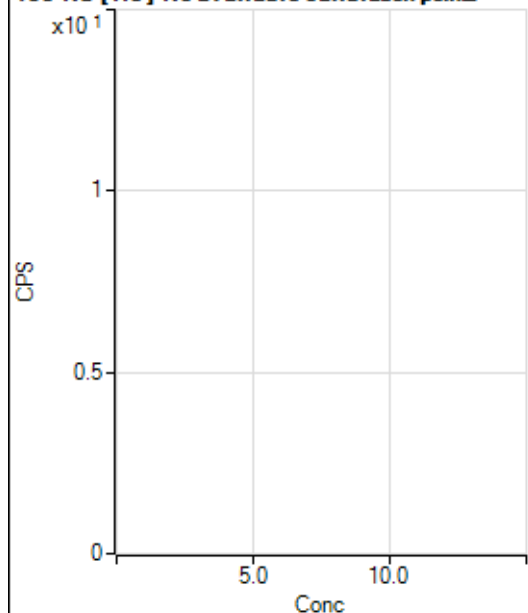
Weight: <None>

Min Conc: 0

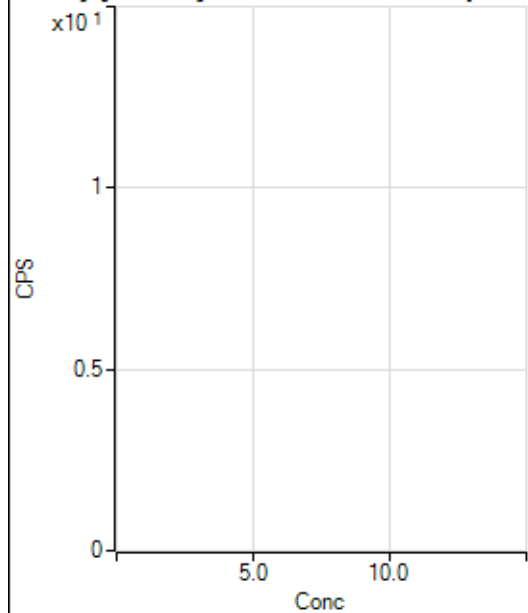
150 Nd [No Gas] No available calibration points



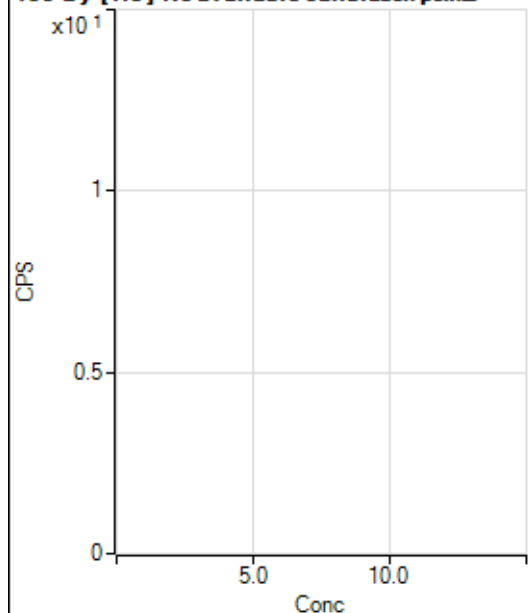
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|---------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 15.56   |       | P       | 98.9 |
| 2 | <input type="checkbox"/> |       |            | 20.00   |       | P       | 76.4 |
| 3 | <input type="checkbox"/> |       |            | 111.11  |       | P       | 20.0 |
| 4 | <input type="checkbox"/> |       |            | 282.23  |       | P       | 3.4  |
| 5 | <input type="checkbox"/> |       |            | 534.46  |       | P       | 2.6  |
| 6 | <input type="checkbox"/> |       |            | 1035.61 |       | P       | 6.5  |
| 7 | <input type="checkbox"/> |       |            | 1960.17 |       | P       | 2.6  |
| 8 | <input type="checkbox"/> |       |            | 465.57  |       | P       | 5.0  |

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

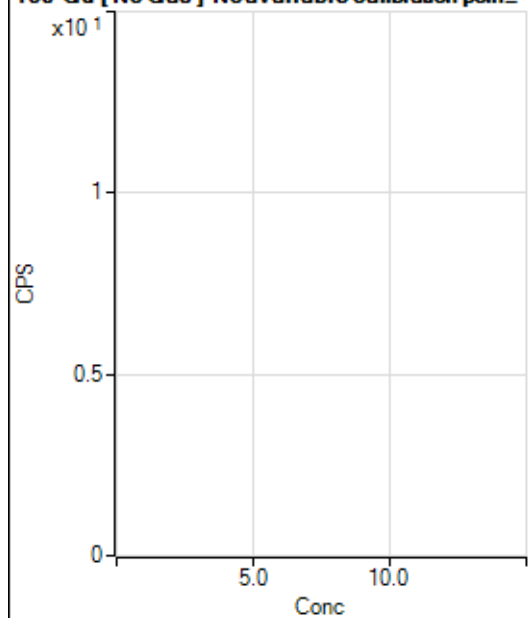
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P       | 0.0  |
| 2 | <input type="checkbox"/> |       |            | 1.11   |       | P       | 173. |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P       | 108. |
| 4 | <input type="checkbox"/> |       |            | 12.22  |       | P       | 15.7 |
| 5 | <input type="checkbox"/> |       |            | 25.55  |       | P       | 27.1 |
| 6 | <input type="checkbox"/> |       |            | 44.44  |       | P       | 18.9 |
| 7 | <input type="checkbox"/> |       |            | 86.67  |       | P       | 41.6 |
| 8 | <input type="checkbox"/> |       |            | 133.34 |       | P       | 10.9 |

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

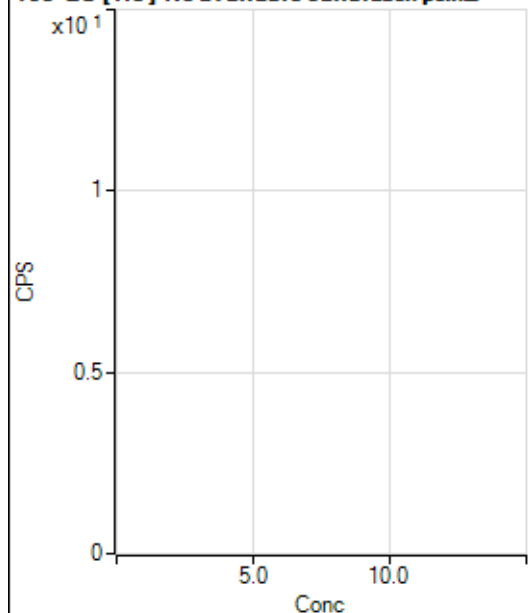
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 15.56  |       | P       | 53.9 |
| 2 | <input type="checkbox"/> |       |            | 23.33  |       | P       | 62.3 |
| 3 | <input type="checkbox"/> |       |            | 45.55  |       | P       | 29.6 |
| 4 | <input type="checkbox"/> |       |            | 82.22  |       | P       | 28.8 |
| 5 | <input type="checkbox"/> |       |            | 145.56 |       | P       | 1.3  |
| 6 | <input type="checkbox"/> |       |            | 241.12 |       | P       | 14.8 |
| 7 | <input type="checkbox"/> |       |            | 541.13 |       | P       | 5.8  |
| 8 | <input type="checkbox"/> |       |            | 883.37 |       | P       | 3.4  |

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

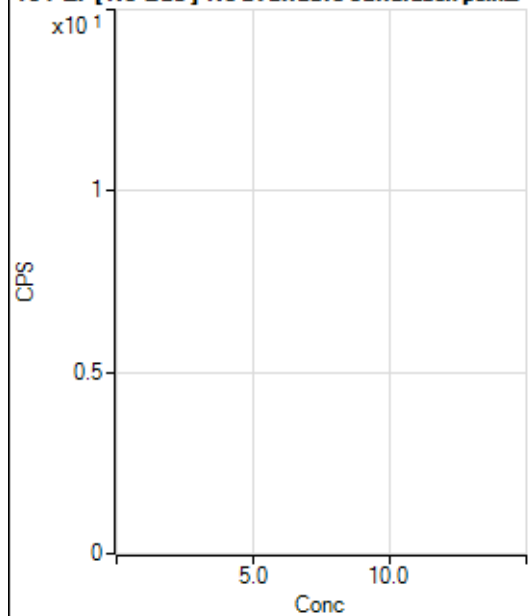
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P       | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 6.66   |       | P       | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 10.00  |       | P       | 33.3 |
| 4 | <input type="checkbox"/> |       |            | 13.33  |       | P       | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P       | 37.5 |
| 6 | <input type="checkbox"/> |       |            | 62.22  |       | P       | 20.3 |
| 7 | <input type="checkbox"/> |       |            | 77.78  |       | P       | 17.3 |
| 8 | <input type="checkbox"/> |       |            | 303.34 |       | P       | 4.8  |

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

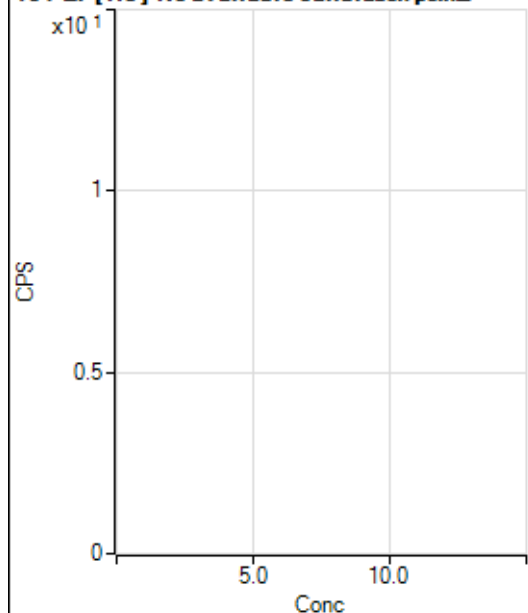
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 81.11  |       | P       | 24.8 |
| 2 | <input type="checkbox"/> |       |            | 82.22  |       | P       | 10.2 |
| 3 | <input type="checkbox"/> |       |            | 84.44  |       | P       | 29.6 |
| 4 | <input type="checkbox"/> |       |            | 81.11  |       | P       | 10.3 |
| 5 | <input type="checkbox"/> |       |            | 122.22 |       | P       | 14.0 |
| 6 | <input type="checkbox"/> |       |            | 157.78 |       | P       | 2.4  |
| 7 | <input type="checkbox"/> |       |            | 287.79 |       | P       | 15.1 |
| 8 | <input type="checkbox"/> |       |            | 821.15 |       | P       | 4.2  |

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

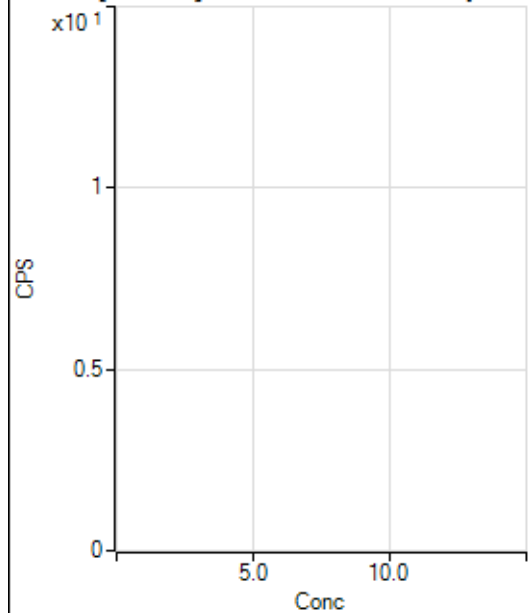
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 7.78   |       | P       | 49.5 |
| 2 | <input type="checkbox"/> |       |            | 24.44  |       | P       | 39.4 |
| 3 | <input type="checkbox"/> |       |            | 32.22  |       | P       | 21.5 |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P       | 36.7 |
| 5 | <input type="checkbox"/> |       |            | 28.89  |       | P       | 48.0 |
| 6 | <input type="checkbox"/> |       |            | 56.67  |       | P       | 20.4 |
| 7 | <input type="checkbox"/> |       |            | 83.33  |       | P       | 28.0 |
| 8 | <input type="checkbox"/> |       |            | 363.34 |       | P       | 6.6  |

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

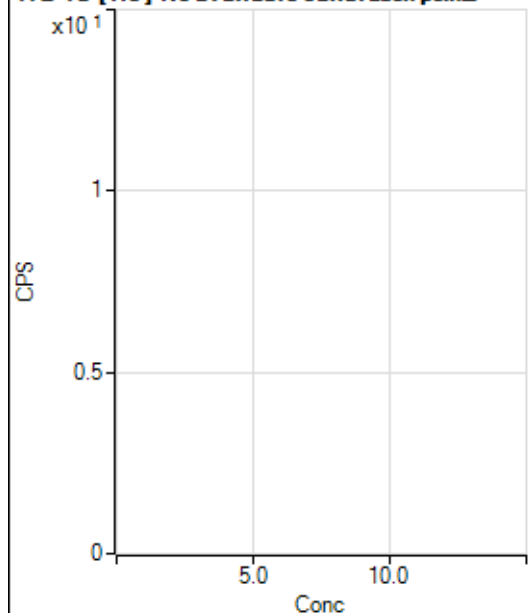
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|---------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 64.44   |       | P       | 29.4 |
| 2 | <input type="checkbox"/> |       |            | 50.00   |       | P       | 48.1 |
| 3 | <input type="checkbox"/> |       |            | 71.11   |       | P       | 17.7 |
| 4 | <input type="checkbox"/> |       |            | 73.33   |       | P       | 27.6 |
| 5 | <input type="checkbox"/> |       |            | 133.34  |       | P       | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 191.11  |       | P       | 13.2 |
| 7 | <input type="checkbox"/> |       |            | 296.67  |       | P       | 8.8  |
| 8 | <input type="checkbox"/> |       |            | 1008.94 |       | P       | 6.0  |

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

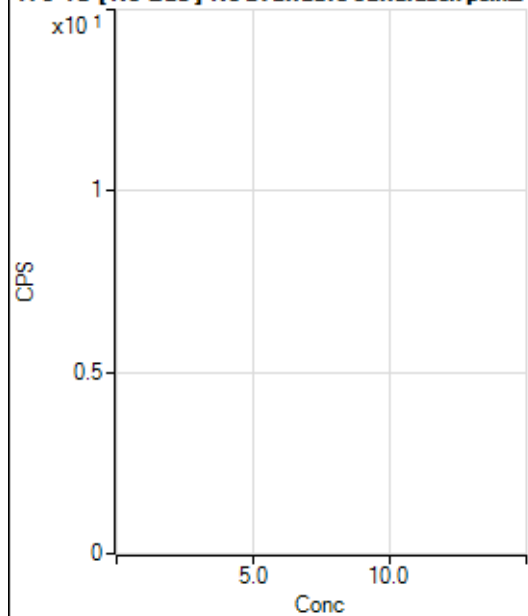
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78  |       | P       | 18.3 |
| 2 | <input type="checkbox"/> |       |            | 17.78  |       | P       | 10.8 |
| 3 | <input type="checkbox"/> |       |            | 27.78  |       | P       | 30.2 |
| 4 | <input type="checkbox"/> |       |            | 33.34  |       | P       | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 35.56  |       | P       | 23.6 |
| 6 | <input type="checkbox"/> |       |            | 63.33  |       | P       | 43.1 |
| 7 | <input type="checkbox"/> |       |            | 125.56 |       | P       | 15.6 |
| 8 | <input type="checkbox"/> |       |            | 430.01 |       | P       | 11.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|---------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 50.00   |       | P       | 41.6 |
| 2 | <input type="checkbox"/> |       |            | 40.00   |       | P       | 74.1 |
| 3 | <input type="checkbox"/> |       |            | 74.44   |       | P       | 6.8  |
| 4 | <input type="checkbox"/> |       |            | 78.89   |       | P       | 25.8 |
| 5 | <input type="checkbox"/> |       |            | 131.11  |       | P       | 6.4  |
| 6 | <input type="checkbox"/> |       |            | 200.01  |       | P       | 7.6  |
| 7 | <input type="checkbox"/> |       |            | 370.01  |       | P       | 7.9  |
| 8 | <input type="checkbox"/> |       |            | 1680.12 |       | P       | 1.7  |

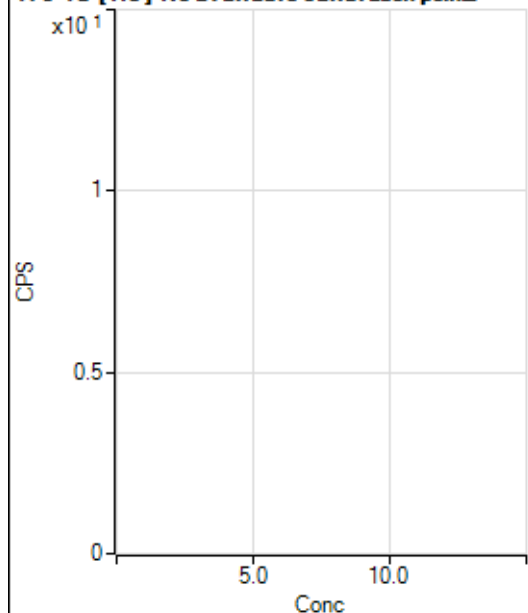
**172 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|--------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 18.89  |       | P       | 27.0 |
| 2 | <input type="checkbox"/> |       |            | 20.00  |       | P       | 60.1 |
| 3 | <input type="checkbox"/> |       |            | 25.55  |       | P       | 15.1 |
| 4 | <input type="checkbox"/> |       |            | 54.44  |       | P       | 36.9 |
| 5 | <input type="checkbox"/> |       |            | 57.78  |       | P       | 14.5 |
| 6 | <input type="checkbox"/> |       |            | 108.89 |       | P       | 15.7 |
| 7 | <input type="checkbox"/> |       |            | 190.00 |       | P       | 14.4 |
| 8 | <input type="checkbox"/> |       |            | 778.92 |       | P       | 8.1  |

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

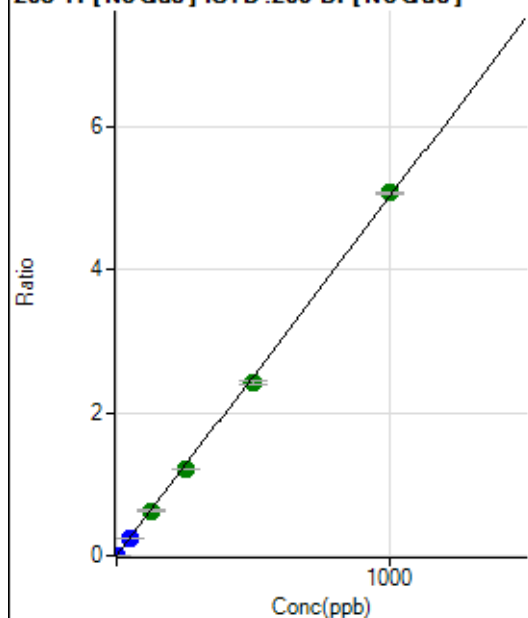
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|-----------|-------|---------|-----|
| 1 | <input type="checkbox"/> |       |            | 1128.95   |       | P       | 3.6 |
| 2 | <input type="checkbox"/> |       |            | 1103.39   |       | P       | 8.7 |
| 3 | <input type="checkbox"/> |       |            | 6412.74   |       | P       | 3.5 |
| 4 | <input type="checkbox"/> |       |            | 14473.57  |       | P       | 0.8 |
| 5 | <input type="checkbox"/> |       |            | 27927.37  |       | P       | 1.1 |
| 6 | <input type="checkbox"/> |       |            | 54717.16  |       | P       | 0.9 |
| 7 | <input type="checkbox"/> |       |            | 108071.22 |       | P       | 1.5 |
| 8 | <input type="checkbox"/> |       |            | 1986.84   |       | P       | 2.0 |

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



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | De<br>t | RSD  |
|---|--------------------------|-------|------------|----------|-------|---------|------|
| 1 | <input type="checkbox"/> |       |            | 348.90   |       | P       | 2.2  |
| 2 | <input type="checkbox"/> |       |            | 332.23   |       | P       | 11.6 |
| 3 | <input type="checkbox"/> |       |            | 2528.05  |       | P       | 3.8  |
| 4 | <input type="checkbox"/> |       |            | 5633.47  |       | P       | 2.3  |
| 5 | <input type="checkbox"/> |       |            | 11321.60 |       | P       | 0.7  |
| 6 | <input type="checkbox"/> |       |            | 21923.79 |       | P       | 1.0  |
| 7 | <input type="checkbox"/> |       |            | 43324.18 |       | P       | 1.3  |
| 8 | <input type="checkbox"/> |       |            | 741.14   |       | P       | 7.5  |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|--------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 150.00      | 0.0000 | P       | 15.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.980      | 23828.52    | 0.0050 | P       | 1.0  |
| 3 | <input type="checkbox"/> | 50.000   | 47.195     | 1136293.60  | 0.2372 | P       | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 124.870    | 2993094.30  | 0.6274 | A       | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 241.813    | 5755520.54  | 1.2150 | A       | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 481.877    | 11414823.16 | 2.4212 | A       | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1011.265   | 22498381.61 | 5.0810 | A       | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 1669.02     | 0.0004 | P       | 13.8 |

$$y = 0.0050 * x + 3.1100E-005$$

$$R = 0.9997$$

$$DL = 0.002936$$

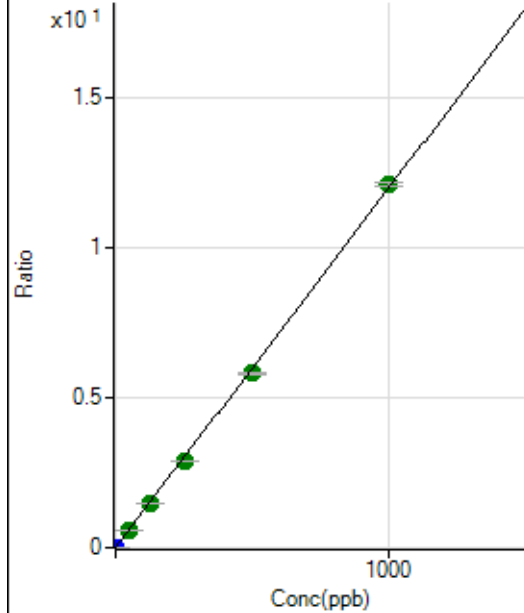
$$BEC = 0.00619$$

Weight: <None>

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|---------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 334.45      | 0.0001  | P       | 7.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.998      | 57735.68    | 0.0120  | P       | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 49.611     | 2844948.64  | 0.5938  | A       | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 122.150    | 6973431.84  | 1.4618  | A       | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 241.751    | 13704708.40 | 2.8930  | A       | 0.1  |
| 6 | <input type="checkbox"/> | 500.000  | 484.726    | 27349329.87 | 5.8006  | A       | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.075   | 53521736.98 | 12.0873 | A       | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 3797.26     | 0.0010  | P       | 14.4 |

$$y = 0.0120 * x + 6.9414E-005$$

$$R = 0.9998$$

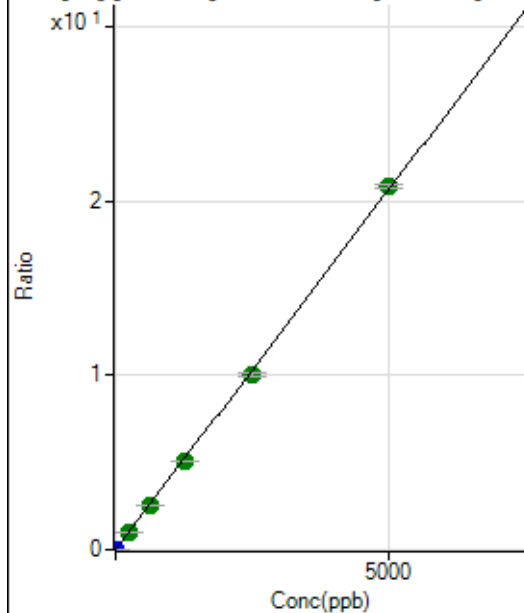
$$DL = 0.001287$$

$$BEC = 0.005801$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 817.82      | 0.0002  | P       | 4.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.974      | 20152.44    | 0.0042  | P       | 2.3 |
| 3 | <input type="checkbox"/> | 250.000  | 248.447    | 4915983.82  | 1.0260  | A       | 1.0 |
| 4 | <input type="checkbox"/> | 625.000  | 614.260    | 12100268.43 | 2.5365  | A       | 2.1 |
| 5 | <input type="checkbox"/> | 1250.000 | 1223.578   | 23934797.42 | 5.0525  | A       | 0.6 |
| 6 | <input type="checkbox"/> | 2500.000 | 2429.744   | 47301899.30 | 10.0329 | A       | 2.0 |
| 7 | <input type="checkbox"/> | 5000.000 | 5043.154   | 92205643.07 | 20.8240 | A       | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 95036.53    | 0.0240  | P       | 0.3 |

$$y = 0.0041 * x + 1.6976E-004$$

$$R = 0.9998$$

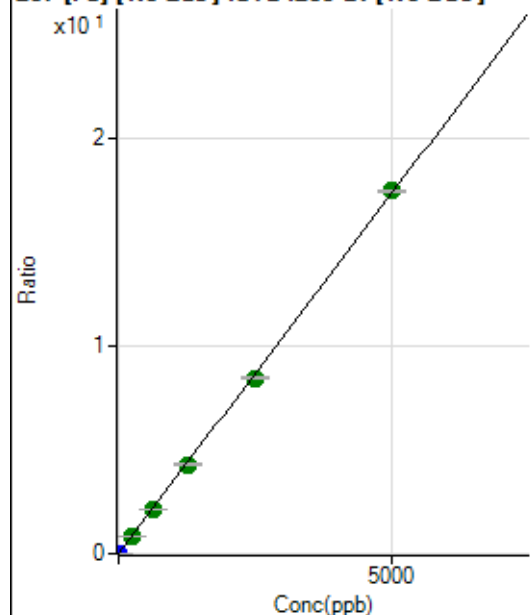
$$DL = 0.005684$$

$$BEC = 0.04111$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | De<br>t | RSD  |
|---|--------------------------|----------|------------|-------------|---------|---------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 683.36      | 0.0001  | P       | 12.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.000      | 17330.63    | 0.0036  | P       | 0.5  |
| 3 | <input type="checkbox"/> | 250.000  | 249.131    | 4135096.85  | 0.8630  | A       | 0.3  |
| 4 | <input type="checkbox"/> | 625.000  | 613.599    | 10138265.40 | 2.1252  | A       | 1.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1237.640   | 20304832.75 | 4.2865  | A       | 1.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2437.617   | 39808471.35 | 8.4424  | A       | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5035.750   | 77230880.51 | 17.4406 | A       | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 80949.72    | 0.0204  | P       | 1.6  |

$$y = 0.0035 * x + 1.4175E-004$$

$$R = 0.9999$$

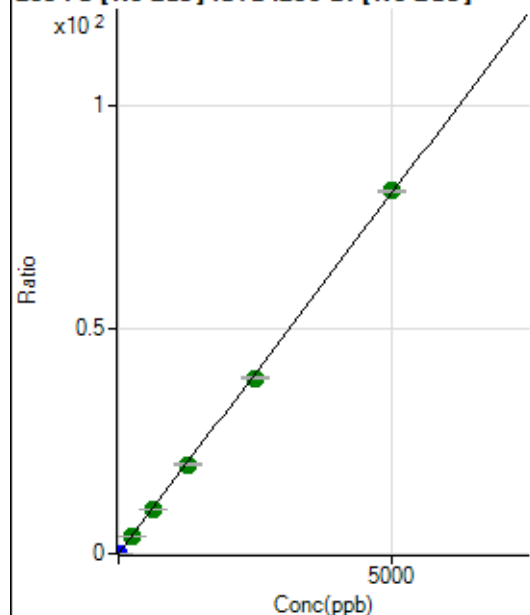
$$DL = 0.01532$$

$$BEC = 0.04093$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS          | Ratio   | De<br>t | RSD |
|---|--------------------------|----------|------------|--------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3317.99      | 0.0007  | P       | 4.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.984      | 79262.69     | 0.0165  | P       | 0.8 |
| 3 | <input type="checkbox"/> | 250.000  | 247.778    | 19065397.11  | 3.9792  | A       | 1.1 |
| 4 | <input type="checkbox"/> | 625.000  | 611.232    | 46822122.91  | 9.8151  | A       | 1.1 |
| 5 | <input type="checkbox"/> | 1250.000 | 1237.613   | 94135249.43  | 19.8727 | A       | 1.1 |
| 6 | <input type="checkbox"/> | 2500.000 | 2440.774   | 184793506.97 | 39.1915 | A       | 1.6 |
| 7 | <input type="checkbox"/> | 5000.000 | 5034.541   | 357963680.78 | 80.8388 | A       | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 373194.52    | 0.0942  | P       | 0.6 |

$$y = 0.0161 * x + 6.8854E-004$$

$$R = 0.9999$$

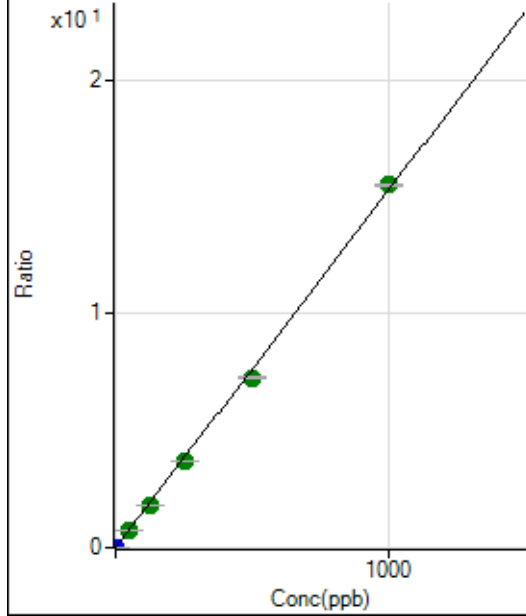
$$DL = 0.005224$$

$$BEC = 0.04288$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | De<br>t | RSD |
|---|--------------------------|----------|------------|-------------|---------|---------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 356.68      | 0.0001  | P       | 3.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.967      | 71289.69    | 0.0148  | P       | 1.8 |
| 3 | <input type="checkbox"/> | 50.000   | 47.799     | 3496869.36  | 0.7298  | A       | 1.5 |
| 4 | <input type="checkbox"/> | 125.000  | 116.405    | 8477872.31  | 1.7771  | A       | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 242.350    | 17526306.40 | 3.6999  | A       | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 476.014    | 34267891.43 | 7.2671  | A       | 1.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.090   | 68620514.53 | 15.4968 | A       | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 2721.44     | 0.0007  | P       | 9.4 |

$$y = 0.0153 * x + 7.4021E-005$$

$$R = 0.9995$$

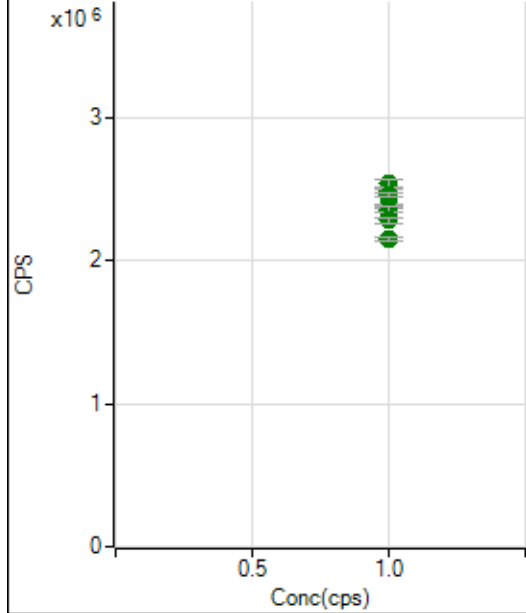
$$DL = 0.000437$$

$$BEC = 0.004849$$

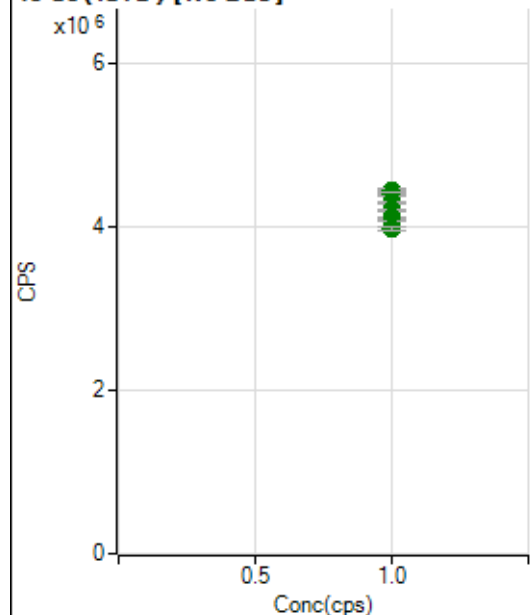
Weight: <None>

Min Conc: 0

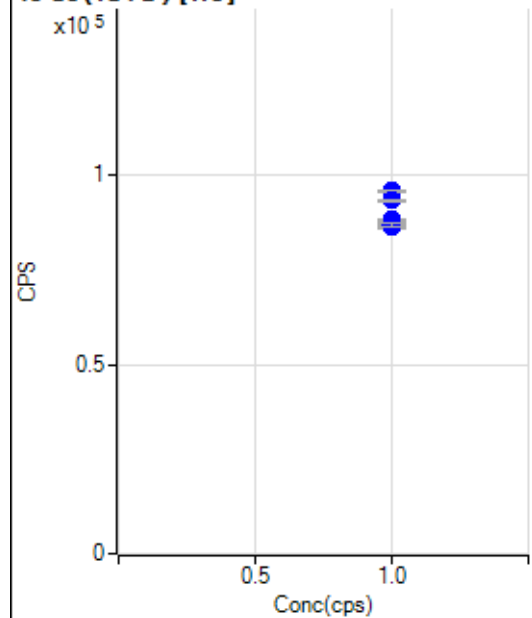
6 Li (ISTD) [No Gas]



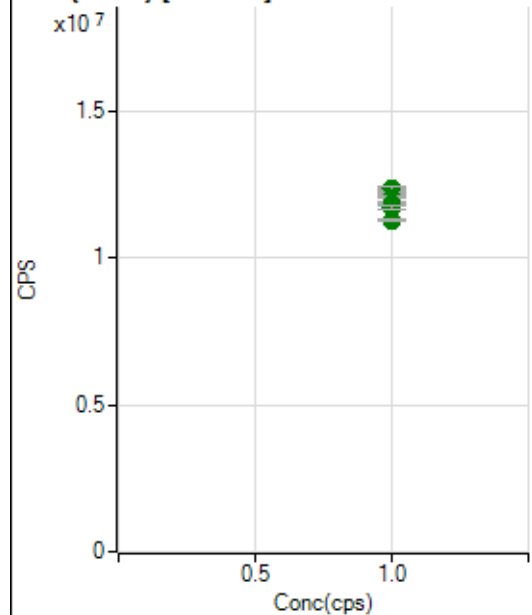
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2438232.31 |       | A       | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2480985.12 |       | A       | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2532588.98 |       | A       | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2457704.59 |       | A       | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2375057.78 |       | A       | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2354361.26 |       | A       | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2275811.25 |       | A       | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2151548.82 |       | A       | 1.3 |

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

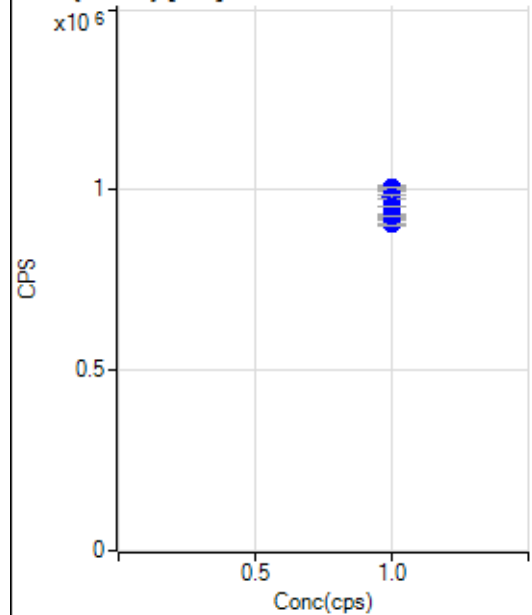
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4416447.54 |       | A       | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4437990.77 |       | A       | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4394038.75 |       | A       | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4299168.79 |       | A       | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4202834.52 |       | A       | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4105049.97 |       | A       | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4069294.25 |       | A       | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3979607.75 |       | A       | 1.3 |

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

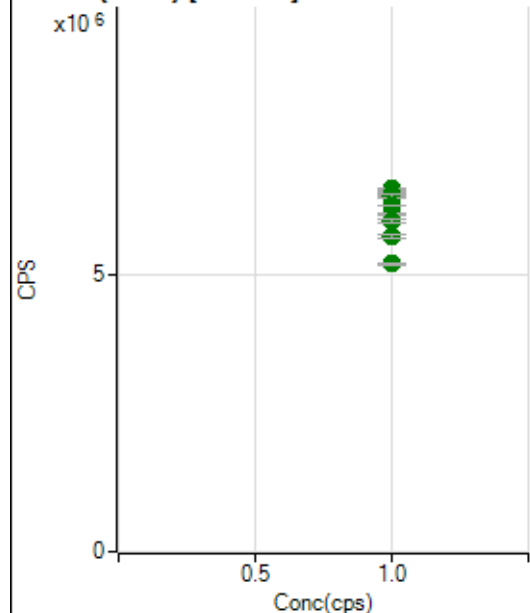
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|----------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 95834.34 |       | P       | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 96011.25 |       | P       | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 93613.25 |       | P       | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 88313.45 |       | P       | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 87074.91 |       | P       | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 86300.12 |       | P       | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 87700.80 |       | P       | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 87003.39 |       | P       | 0.8 |

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

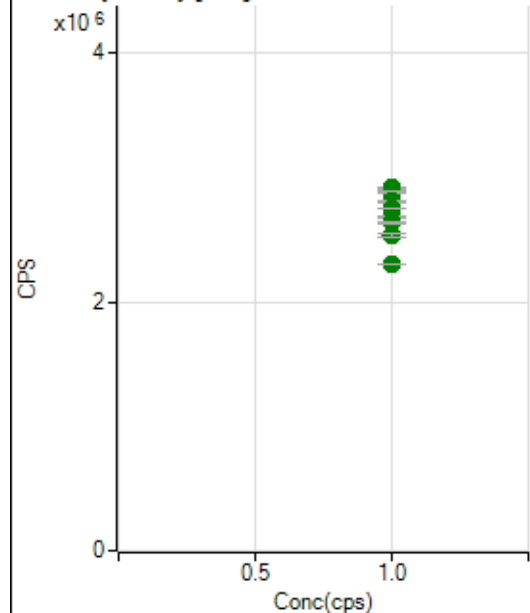
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|-------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12271853.15 |       | A       | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 12342734.40 |       | A       | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 12335333.29 |       | A       | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12052927.04 |       | A       | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11851221.07 |       | A       | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11788042.60 |       | A       | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11699518.99 |       | A       | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11272170.94 |       | A       | 0.8 |

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

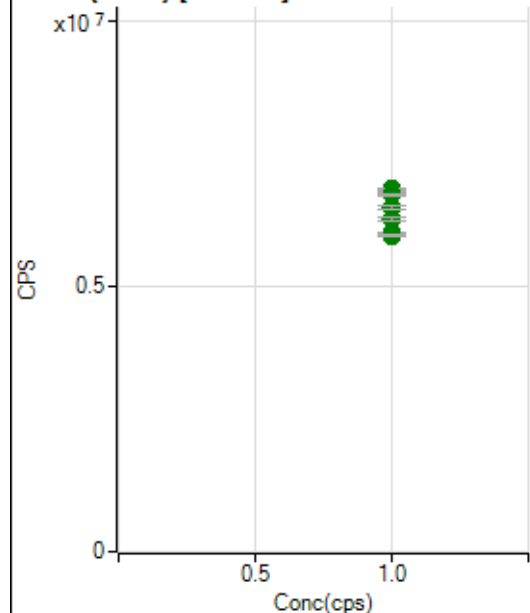
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1005162.72 |       | P       | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1005859.73 |       | P       | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 981798.09  |       | P       | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 953677.07  |       | P       | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 928164.30  |       | P       | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 917869.60  |       | P       | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 904134.99  |       | P       | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 928225.60  |       | P       | 0.2 |

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

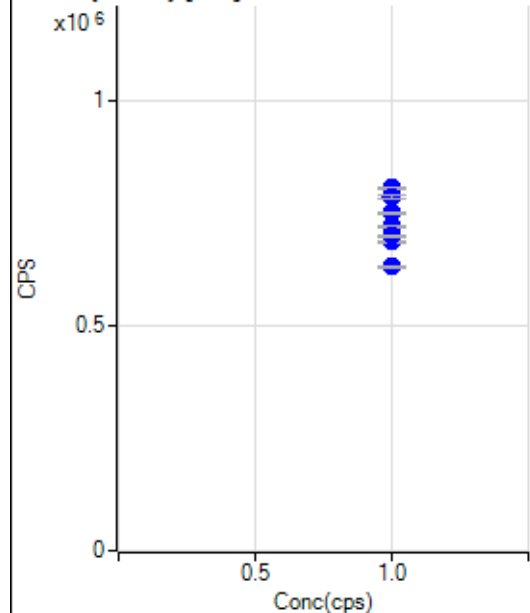
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6544194.21 |       | A       | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6447966.50 |       | A       | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6417559.00 |       | A       | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6245842.27 |       | A       | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6079843.24 |       | A       | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5972289.98 |       | A       | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5696466.93 |       | A       | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5194333.85 |       | A       | 0.7 |

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

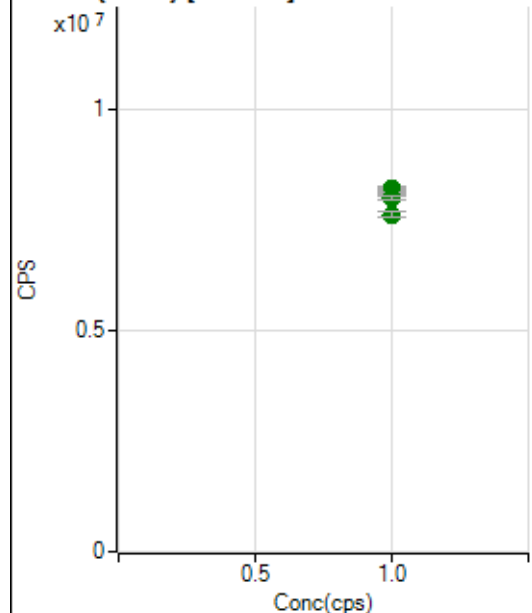
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2917466.66 |       | A       | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2886364.23 |       | A       | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2807344.92 |       | A       | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2756335.90 |       | A       | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2680653.82 |       | A       | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2637841.94 |       | A       | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2532270.83 |       | A       | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2302953.68 |       | A       | 0.3 |

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

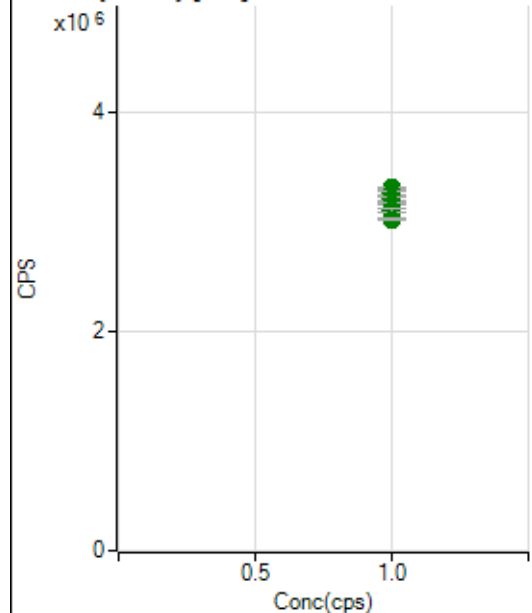
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6816040.31 |       | A       | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6778150.29 |       | A       | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6834320.77 |       | A       | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6728901.06 |       | A       | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6483529.54 |       | A       | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6271079.33 |       | A       | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6007644.06 |       | A       | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5946134.40 |       | A       | 0.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|-----------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 804672.08 |       | P       | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 806663.45 |       | P       | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 785896.86 |       | P       | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 751897.39 |       | P       | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 721217.96 |       | P       | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 687138.48 |       | P       | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 631491.59 |       | P       | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 700456.15 |       | P       | 0.5 |

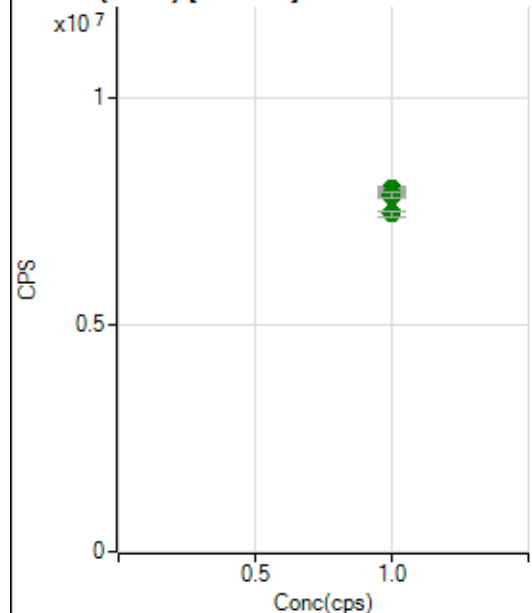
**159 Tb (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8194103.97 |       | A       | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8189867.03 |       | A       | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8144191.34 |       | A       | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8208978.63 |       | A       | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8100685.44 |       | A       | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8116243.28 |       | A       | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8002818.56 |       | A       | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7636089.47 |       | A       | 1.4 |

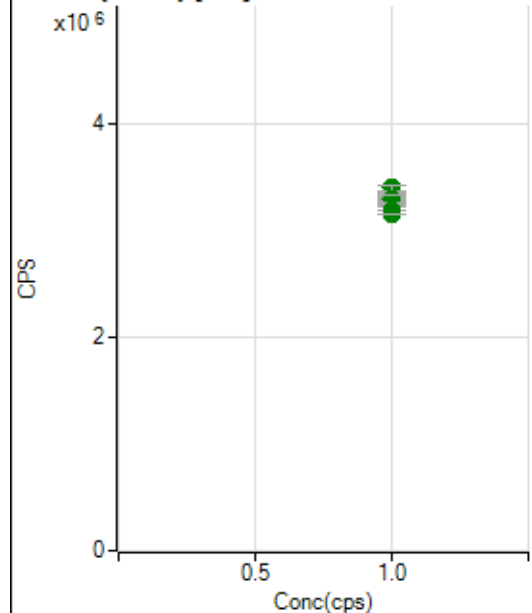
**159 Tb (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3277381.10 |       | A       | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3313148.25 |       | A       | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3262362.52 |       | A       | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3216163.25 |       | A       | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3156843.22 |       | A       | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3132335.44 |       | A       | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3112146.41 |       | A       | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3028902.49 |       | A       | 0.6 |



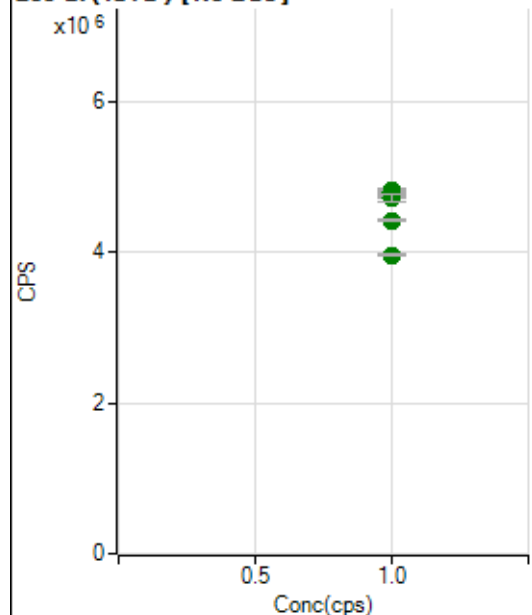
**165 Ho (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7944899.05 |       | A       | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7828819.33 |       | A       | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7977896.76 |       | A       | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7948131.55 |       | A       | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7872285.65 |       | A       | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7818264.88 |       | A       | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7852089.05 |       | A       | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7432932.18 |       | A       | 1.5 |

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

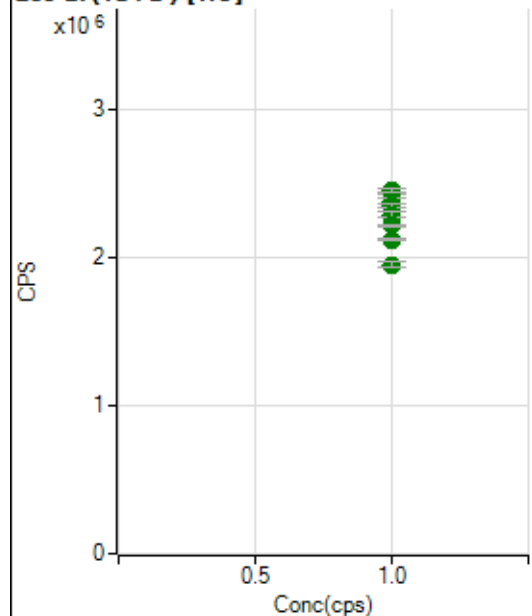
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3316601.93 |       | A       | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3393640.88 |       | A       | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3298856.90 |       | A       | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3296424.84 |       | A       | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3241028.43 |       | A       | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3244211.69 |       | A       | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3182836.72 |       | A       | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3150425.23 |       | A       | 0.1 |

209 Bi (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4818391.39 |       | A       | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4807746.11 |       | A       | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4791726.08 |       | A       | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4770468.02 |       | A       | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4737183.58 |       | A       | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4716036.32 |       | A       | 2.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4428131.19 |       | A       | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3962806.54 |       | A       | 0.5 |

209 Bi (ISTD) [He]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | De<br>t | RSD |
|---|--------------------------|-------|------------|------------|-------|---------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2430855.89 |       | A       | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2448446.21 |       | A       | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2380268.71 |       | A       | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2345295.71 |       | A       | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2289205.28 |       | A       | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2216250.05 |       | A       | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2119794.86 |       | A       | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1950406.15 |       | A       | 1.7 |

# US EPA Tune Check Report

Reviewed By:JAN  
On:4/16/2025 12:5  
PM  
Inst Id :P8  
LB :LB135426

Operator Name Jaswal  
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041425 MS.b  
Acq. Date-Time 2025-04-14 14:32:34  
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    |              | 68645  | 686449.75  |                            |             | 0.715  | 5.000           |
| 24   |              | 314827 | 3148273.48 |                            |             | 1.302  | 5.000           |
| 25   |              | 43357  | 433571.09  |                            |             | 1.425  | 5.000           |
| 26   |              | 50641  | 506406.52  |                            |             | 1.449  | 5.000           |
| 59   |              | 287787 | 2877871.40 |                            |             | 1.247  | 5.000           |
| 113  |              | 33261  | 332605.78  |                            |             | 0.488  | 5.000           |
| 115  |              | 425530 | 4255298.44 |                            |             | 1.129  | 5.000           |
| 206  |              | 93665  | 936654.65  |                            |             | 0.944  | 5.000           |
| 207  |              | 75708  | 757078.73  |                            |             | 0.897  | 5.000           |
| 208  |              | 191066 | 1910664.45 |                            |             | 0.802  | 5.000           |
| 220  |              | 1      | 5.70       |                            |             | 29.487 |                 |

| 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    | 69339       | 68862       | 68349       | 68620       | 68055       |
| 24   | 322104      | 313264      | 312150      | 313446      | 313173      |
| 25   | 44448       | 42984       | 43034       | 43247       | 43073       |
| 26   | 51916       | 50575       | 50089       | 50360       | 50264       |
| 59   | 293311      | 285010      | 286271      | 284906      | 289438      |
| 113  | 33511       | 33263       | 33113       | 33295       | 33121       |
| 115  | 433672      | 420947      | 423653      | 424796      | 424582      |
| 206  | 94389       | 94670       | 92860       | 92695       | 93713       |
| 207  | 76689       | 75145       | 75011       | 75704       | 75990       |
| 208  | 193417      | 191273      | 189266      | 191077      | 190299      |

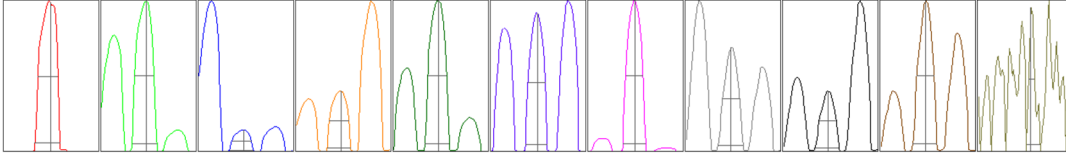
# US EPA Tune Check Report

Reviewed By:JAN  
On:4/16/2025 12:5  
PM  
Inst Id :P8  
LB :LB135426

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

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 112783.03   | 9.00   | 8.90 - 9.10     |             |
| 24   | 539914.13   | 23.95  | 23.90 - 24.10   |             |
| 25   | 74858.98    | 24.95  | 24.90 - 25.10   |             |
| 26   | 86005.14    | 25.95  | 25.90 - 26.10   |             |
| 59   | 508220.07   | 58.95  | 58.90 - 59.10   |             |
| 113  | 65437.58    | 113.00 | 112.90 - 113.10 |             |
| 115  | 827372.69   | 115.00 | 114.90 - 115.10 |             |
| 206  | 183268.52   | 205.95 | 205.90 - 206.10 |             |
| 207  | 149775.49   | 206.95 | 206.90 - 207.10 |             |
| 208  | 374954.20   | 207.95 | 207.90 - 208.10 |             |
| 220  | 1.05        | 220.20 | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.64  | 0.781 | 0.900           |             |
| 24   | 0.62  | 0.782 | 0.900           |             |
| 25   | 0.62  | 0.743 | 0.900           |             |
| 26   | 0.63  | 0.741 | 0.900           |             |
| 59   | 0.60  | 0.775 | 0.900           |             |
| 113  | 0.54  | 0.685 | 0.900           |             |
| 115  | 0.54  | 0.726 | 0.900           |             |
| 206  | 0.53  | 0.792 | 0.900           |             |
| 207  | 0.54  | 0.764 | 0.900           |             |
| 208  | 0.54  | 0.759 | 0.900           |             |
| 220  | 0.18  | 0.435 |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

Reviewed By:JAN  
On:4/16/2025 12:5  
PM  
Inst Id :P8  
LB :LB135426

|              |        |                |          |               |      |
|--------------|--------|----------------|----------|---------------|------|
| RF Power     | 1600 W | Option Gas     | ---      | Auxiliary Gas | 0.90 |
| RF Matching  | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas    | 15.0 |
| Sample Depth | 9.0 mm | S/C Temp       | 2 °C     |               |      |

## Lens Parameters

|            |          |               |       |            |        |
|------------|----------|---------------|-------|------------|--------|
| Extract 1  | -6.0 V   | Omega Lens    | 9.2 V | Deflect    | 14.0 V |
| Extract 2  | -215.0 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      | 130 V  |                       |       |

## QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 105 | Axis Gain   | 0.9965 | QP Bias | -4.0 V |
| Mass Offset | 126 | Axis Offset | -0.01  |         |        |

## Hardware Settings

### Torch

|         |        |         |         |
|---------|--------|---------|---------|
| Torch H | 0.3 mm | Torch V | -0.4 mm |
|---------|--------|---------|---------|

### EM

|               |        |           |        |          |       |
|---------------|--------|-----------|--------|----------|-------|
| Discriminator | 4.6 mV | Analog HV | 2203 V | Pulse HV | 947 V |
|---------------|--------|-----------|--------|----------|-------|

[He]

## Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 58730 | 587298.80 |                            |             | 0.203 |                 |
| 89   |              | 50424 | 504239.51 |                            |             | 0.532 |                 |
| 205  |              | 66633 | 666327.91 |                            |             | 0.240 |                 |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 58811       | 58774       | 58605       | 58857       | 58602       |
| 89   | 50533       | 50465       | 50676       | 50479       | 49967       |
| 205  | 66469       | 66477       | 66825       | 66640       | 66753       |

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

|              |        |                |            |               |            |
|--------------|--------|----------------|------------|---------------|------------|
| Plasma Mode  | ---    | Nebulizer Gas  | 0.72 L/min | Dilution Gas  | 0.40 L/min |
| RF Power     | 1600 W | Option Gas     | ---        | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.80 V | Nebulizer Pump | 0.10 rps   | Plasma Gas    | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp       | 2 °C       |               |            |

### Lens Parameters

|           |        |            |       |         |       |
|-----------|--------|------------|-------|---------|-------|
| Extract 1 | -6.0 V | Omega Lens | 9.2 V | Deflect | 2.6 V |
|-----------|--------|------------|-------|---------|-------|

# US EPA Tune Check Report

Reviewed By:JAN  
On:4/16/2025 12:5  
PM  
Inst Id :P8  
LB :LB135426

|                   |            |               |         |                       |         |
|-------------------|------------|---------------|---------|-----------------------|---------|
| Extract 2         | -215.0 V   | Cell Entrance | -50 V   | Plate Bias            | -60 V   |
| Omega Bias        | -85 V      | Cell Exit     | -70 V   |                       |         |
| Cell Parameters   |            |               |         |                       |         |
| 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   |                       |         |
| QP Parameters     |            |               |         |                       |         |
| Mass Gain         | 105        | Axis Gain     | 0.9965  | QP Bias               | -13.0 V |
| Mass Offset       | 126        | Axis Offset   | -0.01   |                       |         |
| Hardware Settings |            |               |         |                       |         |
| Torch             |            |               |         |                       |         |
| Torch H           | 0.3 mm     | Torch V       | -0.4 mm |                       |         |
| EM                |            |               |         |                       |         |
| Discriminator     | 4.6 mV     | Analog HV     | 2203 V  | Pulse HV              | 947 V   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | -0.02   | 0.18    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.09   | 0.18    | -0.09   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 1.39    | -0.62   | -0.77   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.08    | -0.33   | 0.26    | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | -0.28   | 0.13    | 0.14    | 0.00       | N/A     | ppb   |
| Iron       | 56-2  | -0.03   | -0.06   | 0.09    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.02    | -0.14   | 0.13    | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.09    | 0.18    | -0.27   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.13    | -0.01   | -0.12   | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -15.24  | -16.06  | -17.55  | -16.28     |         | ppb   |
| Potassium  | 39-2  | 1.14    | -0.28   | -0.86   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.05    | -0.14   | 0.10    | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | -0.14   | -0.14   | 0.28    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.17    | 0.15    | -0.32   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.39    | -0.61   | 0.22    | 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  | 1.13    | -0.47   | -0.66   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 102.94  | -104.58 | -10.10  | -3.91      |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| 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  | -0.10   | 0.05    | 0.05    | 0.00       | N/A     | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.47   | 21.34   | 19.40   | 20.40      | 4.76    | ppb   |
| Antimony   | 121-1 | 2.07    | 2.11    | 2.13    | 2.10       | 1.64    | ppb   |
| Arsenic    | 75-2  | 1.23    | 1.25    | 1.01    | 1.16       | 11.43   | ppb   |
| Barium     | 135-1 | 10.31   | 10.33   | 10.59   | 10.41      | 1.49    | ppb   |
| Barium     | 137-1 | 10.39   | 10.48   | 10.57   | 10.48      | 0.82    | ppb   |
| Beryllium  | 9-1   | 1.21    | 1.24    | 1.20    | 1.22       | 2.01    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.98    | 1.16    | 0.85    | 1.00       | 15.77   | ppb   |
| Cadmium    | 106-1 | 1.46    | 0.64    | 1.08    | 1.06       | 38.87   | ppb   |
| Cadmium    | 111-1 | 1.11    | 1.07    | 1.17    | 1.12       | 4.42    | ppb   |
| Calcium    | 43-1  | 552.29  | 535.93  | 542.11  | 543.44     | 1.52    | ppb   |
| Calcium    | 44-1  | 542.76  | 534.35  | 535.99  | 537.70     | 0.83    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.18    | 2.17    | 2.07    | 2.14       | 2.66    | ppb   |
| Cobalt     | 59-2  | 1.19    | 1.17    | 1.14    | 1.17       | 1.98    | ppb   |
| Copper     | 63-2  | 2.34    | 2.25    | 2.25    | 2.28       | 2.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 60.06   | 57.76   | 53.73   | 57.18      | 5.60    | ppb   |
| Iron       | 56-2  | 56.80   | 55.18   | 53.00   | 55.00      | 3.46    | ppb   |
| Iron       | 57-2  | 55.00   | 54.02   | 52.59   | 53.87      | 2.25    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.99    | 0.98    | 0.95    | 0.97       | 2.42    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 1.00    | 1.00    | 0.99    | 1.00       | 0.49    | ppb   |
| Lead       | 208-1 | 0.99    | 0.98    | 0.98    | 0.98       | 0.85    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 565.71  | 557.72  | 540.40  | 554.61     | 2.33    | ppb   |
| Manganese  | 55-2  | 0.99    | 1.01    | 0.48    | 0.83       | 36.62   | ppb   |
| Molybdenum | 94-1  | 6.00    | 6.22    | 6.03    | 6.08       | 1.95    | ppb   |
| Molybdenum | 95-1  | 5.06    | 5.23    | 5.21    | 5.17       | 1.79    | ppb   |
| Molybdenum | 96-1  | 5.19    | 5.31    | 5.33    | 5.28       | 1.39    | ppb   |
| Molybdenum | 97-1  | 5.20    | 5.17    | 5.29    | 5.22       | 1.18    | ppb   |
| Molybdenum | 98-1  | 5.08    | 5.15    | 5.17    | 5.13       | 0.97    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.18    | 1.07    | 1.08    | 1.11       | 5.41    | ppb   |
| Phosphorus | 31-2  | 23.07   | 11.63   | 14.14   | 16.28      | 36.93   | ppb   |
| Potassium  | 39-2  | 520.12  | 518.43  | 500.63  | 513.06     | 2.11    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 5.73    | 5.34    | 5.38    | 5.48       | 3.86    | ppb   |
| Selenium   | 77-2  | 4.40    | 6.03    | 4.78    | 5.07       | 16.83   | ppb   |
| Selenium   | 78-2  | 6.41    | 5.16    | 5.87    | 5.81       | 10.72   | ppb   |
| Silicon    | 28-1  | 7.22    | 7.16    | 7.64    | 7.34       | 3.54    | ppb   |
| Silver     | 107-1 | 1.05    | 1.08    | 1.11    | 1.08       | 2.81    | ppb   |
| Silver     | 109-1 | 1.08    | 1.10    | 1.09    | 1.09       | 0.94    | ppb   |
| Sodium     | 23-2  | 556.32  | 544.34  | 529.35  | 543.34     | 2.49    | ppb   |
| Strontium  | 86-1  | 1.04    | 1.06    | 1.01    | 1.03       | 2.15    | ppb   |
| Strontium  | 88-1  | 1.02    | 1.03    | 1.05    | 1.04       | 1.17    | ppb   |
| Sulfur     | 34-1  | 60.64   | -25.65  | -23.25  | 3.91       | 1255.52 | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.99    | 0.98    | 0.97    | 0.98       | 1.01    | ppb   |
| Thallium   | 205-1 | 1.01    | 0.99    | 0.99    | 1.00       | 1.06    | ppb   |
| Tin        | 118-1 | 5.15    | 5.26    | 5.30    | 5.24       | 1.48    | ppb   |
| Titanium   | 47-1  | 5.58    | 5.35    | 5.21    | 5.38       | 3.52    | ppb   |
| Uranium    | 238-1 | 0.99    | 0.95    | 0.96    | 0.97       | 1.79    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 5.68    | 5.52    | 5.37    | 5.52       | 2.84    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 5.52    | 5.58    | 5.30    | 5.47       | 2.73    | ppb   |
| Zirconium | 90-1  | 1.02    | 1.04    | 1.04    | 1.03       | 1.19    | ppb   |
| Zirconium | 91-1  | 1.02    | 1.04    | 1.02    | 1.02       | 1.29    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 999.82  | 992.02  | 1000.87 | 997.57     | 0.48    | ppb   |
| Antimony   | 121-1 | 50.11   | 50.75   | 50.39   | 50.42      | 0.64    | ppb   |
| Arsenic    | 75-2  | 50.57   | 50.01   | 50.83   | 50.47      | 0.84    | ppb   |
| Barium     | 135-1 | 256.31  | 265.69  | 255.18  | 259.06     | 2.23    | ppb   |
| Barium     | 137-1 | 260.62  | 258.60  | 253.93  | 257.72     | 1.33    | ppb   |
| Beryllium  | 9-1   | 55.62   | 54.86   | 53.91   | 54.79      | 1.56    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 54.29   | 53.67   | 53.14   | 53.70      | 1.07    | ppb   |
| Cadmium    | 106-1 | 52.33   | 53.91   | 52.62   | 52.95      | 1.59    | ppb   |
| Cadmium    | 111-1 | 51.64   | 52.11   | 51.51   | 51.75      | 0.62    | ppb   |
| Calcium    | 43-1  | 5029.53 | 5152.89 | 5099.52 | 5093.98    | 1.21    | ppb   |
| Calcium    | 44-1  | 4999.88 | 5022.62 | 5024.15 | 5015.55    | 0.27    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 51.03   | 50.94   | 51.12   | 51.03      | 0.18    | ppb   |
| Cobalt     | 59-2  | 52.95   | 52.65   | 52.86   | 52.82      | 0.29    | ppb   |
| Copper     | 63-2  | 546.09  | 542.49  | 552.06  | 546.88     | 0.88    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 54-2  | 2652.52 | 2652.05 | 2660.51 | 2655.03    | 0.18    | ppb   |
| Iron       | 56-2  | 2619.67 | 2604.59 | 2646.86 | 2623.71    | 0.82    | ppb   |
| Iron       | 57-2  | 2638.36 | 2613.86 | 2647.31 | 2633.18    | 0.66    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 250.90  | 248.54  | 245.89  | 248.45     | 1.01    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 248.89  | 249.85  | 248.65  | 249.13     | 0.26    | ppb   |
| Lead       | 208-1 | 249.75  | 248.86  | 244.73  | 247.78     | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 5225.45 | 5227.22 | 5145.95 | 5199.54    | 0.89    | ppb   |
| Manganese  | 55-2  | 513.56  | 511.28  | 515.11  | 513.31     | 0.38    | ppb   |
| Molybdenum | 94-1  | 487.42  | 488.10  | 497.54  | 491.02     | 1.15    | ppb   |
| Molybdenum | 95-1  | 493.04  | 498.85  | 507.96  | 499.95     | 1.50    | ppb   |
| Molybdenum | 96-1  | 490.49  | 497.63  | 515.05  | 501.06     | 2.52    | ppb   |
| Molybdenum | 97-1  | 489.00  | 493.52  | 518.46  | 500.33     | 3.17    | ppb   |
| Molybdenum | 98-1  | 493.36  | 486.41  | 501.74  | 493.84     | 1.56    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.77   | 52.82   | 53.25   | 52.95      | 0.50    | ppb   |
| Phosphorus | 31-2  | 1095.16 | 1075.81 | 1101.77 | 1090.91    | 1.24    | ppb   |
| Potassium  | 39-2  | 2444.90 | 2455.67 | 2456.97 | 2452.51    | 0.27    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 50.56   | 52.73   | 52.85   | 52.05      | 2.48    | ppb   |
| Selenium   | 77-2  | 53.14   | 52.98   | 49.24   | 51.79      | 4.27    | ppb   |
| Selenium   | 78-2  | 49.93   | 51.57   | 51.82   | 51.11      | 2.02    | ppb   |
| Silicon    | 28-1  | 50.05   | 50.72   | 49.33   | 50.03      | 1.39    | ppb   |
| Silver     | 107-1 | 56.27   | 56.96   | 54.55   | 55.93      | 2.22    | ppb   |
| Silver     | 109-1 | 55.94   | 55.68   | 55.31   | 55.64      | 0.57    | ppb   |
| Sodium     | 23-2  | 5100.90 | 4973.34 | 5137.68 | 5070.64    | 1.70    | ppb   |
| Strontium  | 86-1  | 48.26   | 48.39   | 49.25   | 48.64      | 1.11    | ppb   |
| Strontium  | 88-1  | 49.89   | 50.21   | 50.38   | 50.16      | 0.50    | ppb   |
| Sulfur     | 34-1  | 1363.75 | 1410.21 | 1261.86 | 1345.28    | 5.64    | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 47.56   | 47.28   | 46.74   | 47.19      | 0.88    | ppb   |
| Thallium   | 205-1 | 49.80   | 49.85   | 49.19   | 49.61      | 0.75    | ppb   |
| Tin        | 118-1 | 50.83   | 51.26   | 50.64   | 50.91      | 0.62    | ppb   |
| Titanium   | 47-1  | 519.09  | 505.80  | 509.08  | 511.32     | 1.35    | ppb   |
| Uranium    | 238-1 | 47.64   | 48.59   | 47.16   | 47.80      | 1.53    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 51.57   | 51.62   | 51.70   | 51.63      | 0.13    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 518.39  | 516.94  | 516.60  | 517.31     | 0.18    | ppb   |
| Zirconium | 90-1  | 48.87   | 50.58   | 50.46   | 49.97      | 1.91    | ppb   |
| Zirconium | 91-1  | 46.86   | 48.15   | 48.99   | 48.00      | 2.23    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2551.43  | 2487.46  | 2477.98  | 2505.62    | 1.59    | ppb   |
| Antimony   | 121-1 | 125.92   | 127.60   | 127.02   | 126.85     | 0.67    | ppb   |
| Arsenic    | 75-2  | 127.25   | 125.93   | 124.66   | 125.94     | 1.03    | ppb   |
| Barium     | 135-1 | 620.26   | 637.28   | 622.94   | 626.83     | 1.46    | ppb   |
| Barium     | 137-1 | 619.61   | 620.30   | 612.87   | 617.60     | 0.66    | ppb   |
| Beryllium  | 9-1   | 133.82   | 137.57   | 135.55   | 135.65     | 1.38    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 127.70   | 131.61   | 129.30   | 129.54     | 1.52    | ppb   |
| Cadmium    | 106-1 | 127.41   | 131.17   | 129.89   | 129.49     | 1.48    | ppb   |
| Cadmium    | 111-1 | 125.07   | 126.92   | 126.32   | 126.10     | 0.75    | ppb   |
| Calcium    | 43-1  | 12521.09 | 12587.56 | 12457.17 | 12521.94   | 0.52    | ppb   |
| Calcium    | 44-1  | 12262.08 | 12373.41 | 12248.98 | 12294.82   | 0.56    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 130.02   | 128.16   | 127.57   | 128.58     | 1.00    | ppb   |
| Cobalt     | 59-2  | 133.15   | 130.42   | 130.25   | 131.28     | 1.24    | ppb   |
| Copper     | 63-2  | 1364.61  | 1340.44  | 1361.33  | 1355.46    | 0.97    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 54-2  | 7034.90  | 6798.93  | 6879.63  | 6904.49    | 1.74    | ppb   |
| Iron       | 56-2  | 6623.20  | 6629.79  | 6627.81  | 6626.93    | 0.05    | ppb   |
| Iron       | 57-2  | 6691.97  | 6522.86  | 6590.22  | 6601.69    | 1.29    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 599.28   | 624.06   | 619.44   | 614.26     | 2.15    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 600.17   | 618.45   | 622.18   | 613.60     | 1.92    | ppb   |
| Lead       | 208-1 | 603.61   | 613.52   | 616.57   | 611.23     | 1.11    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 13223.76 | 12638.49 | 12832.29 | 12898.18   | 2.31    | ppb   |
| Manganese  | 55-2  | 1337.06  | 1306.21  | 1320.57  | 1321.28    | 1.17    | ppb   |
| Molybdenum | 94-1  | 1216.85  | 1231.81  | 1235.48  | 1228.04    | 0.80    | ppb   |
| Molybdenum | 95-1  | 1248.55  | 1245.10  | 1250.81  | 1248.15    | 0.23    | ppb   |
| Molybdenum | 96-1  | 1249.78  | 1243.58  | 1261.47  | 1251.61    | 0.73    | ppb   |
| Molybdenum | 97-1  | 1236.03  | 1239.24  | 1268.03  | 1247.77    | 1.41    | ppb   |
| Molybdenum | 98-1  | 1225.94  | 1231.75  | 1252.13  | 1236.61    | 1.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 132.92   | 130.67   | 131.42   | 131.67     | 0.87    | ppb   |
| Phosphorus | 31-2  | 2721.36  | 2619.78  | 2658.94  | 2666.69    | 1.92    | ppb   |
| Potassium  | 39-2  | 6308.16  | 6162.44  | 6174.67  | 6215.09    | 1.30    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 82-1  | 129.46   | 127.31   | 129.71   | 128.83     | 1.02    | ppb   |
| Selenium   | 77-2  | 119.62   | 130.04   | 117.64   | 122.43     | 5.44    | ppb   |
| Selenium   | 78-2  | 127.66   | 122.75   | 128.25   | 126.22     | 2.39    | ppb   |
| Silicon    | 28-1  | 126.68   | 124.44   | 125.95   | 125.69     | 0.91    | ppb   |
| Silver     | 107-1 | 132.79   | 131.85   | 131.59   | 132.07     | 0.48    | ppb   |
| Silver     | 109-1 | 130.46   | 134.54   | 132.83   | 132.61     | 1.54    | ppb   |
| Sodium     | 23-2  | 12876.24 | 12507.47 | 12515.74 | 12633.15   | 1.67    | ppb   |
| Strontium  | 86-1  | 120.84   | 119.88   | 122.56   | 121.09     | 1.12    | ppb   |
| Strontium  | 88-1  | 122.38   | 123.07   | 127.66   | 124.37     | 2.31    | ppb   |
| Sulfur     | 34-1  | 3474.88  | 3460.50  | 3270.86  | 3402.08    | 3.35    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 122.07   | 125.98   | 126.56   | 124.87     | 1.96    | ppb   |
| Thallium   | 205-1 | 121.08   | 122.67   | 122.69   | 122.15     | 0.76    | ppb   |
| Tin        | 118-1 | 126.36   | 129.50   | 126.63   | 127.50     | 1.36    | ppb   |
| Titanium   | 47-1  | 1250.43  | 1250.47  | 1224.62  | 1241.84    | 1.20    | ppb   |
| Uranium    | 238-1 | 117.33   | 116.46   | 115.43   | 116.40     | 0.82    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 131.98  | 128.08  | 128.16  | 129.41     | 1.72    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 98         |         | %     |
| Yttrium   | 89-2  |         |         |         | 95         |         | %     |
| Zinc      | 66-2  | 1321.81 | 1295.05 | 1297.29 | 1304.72    | 1.14    | ppb   |
| Zirconium | 90-1  | 123.48  | 120.66  | 123.68  | 122.60     | 1.38    | ppb   |
| Zirconium | 91-1  | 120.33  | 119.92  | 121.86  | 120.70     | 0.85    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4903.31  | 4938.34  | 4883.86  | 4908.50    | 0.56    | ppb   |
| Antimony   | 121-1 | 254.87   | 257.18   | 251.17   | 254.41     | 1.19    | ppb   |
| Arsenic    | 75-2  | 256.86   | 249.76   | 251.24   | 252.62     | 1.48    | ppb   |
| Barium     | 135-1 | 1269.63  | 1255.22  | 1260.92  | 1261.93    | 0.57    | ppb   |
| Barium     | 137-1 | 1265.83  | 1258.80  | 1273.16  | 1265.93    | 0.57    | ppb   |
| Beryllium  | 9-1   | 260.69   | 269.75   | 258.75   | 263.07     | 2.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 258.42   | 259.12   | 262.05   | 259.86     | 0.74    | ppb   |
| Cadmium    | 106-1 | 258.27   | 260.14   | 255.97   | 258.13     | 0.81    | ppb   |
| Cadmium    | 111-1 | 262.03   | 264.53   | 266.42   | 264.33     | 0.83    | ppb   |
| Calcium    | 43-1  | 25561.91 | 25535.28 | 24810.83 | 25302.67   | 1.68    | ppb   |
| Calcium    | 44-1  | 24956.84 | 24862.17 | 24652.52 | 24823.84   | 0.63    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 260.33   | 263.93   | 262.78   | 262.35     | 0.70    | ppb   |
| Cobalt     | 59-2  | 266.02   | 267.03   | 265.25   | 266.10     | 0.34    | ppb   |
| Copper     | 63-2  | 2690.71  | 2686.69  | 2645.84  | 2674.41    | 0.93    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 54-2  | 13516.04 | 13586.48 | 13233.96 | 13445.49   | 1.39    | ppb   |
| Iron       | 56-2  | 13003.94 | 13155.04 | 13111.09 | 13090.02   | 0.59    | ppb   |
| Iron       | 57-2  | 13023.34 | 13132.04 | 13037.17 | 13064.18   | 0.45    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1215.75  | 1226.47  | 1228.51  | 1223.58    | 0.56    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 1238.91  | 1250.01  | 1224.00  | 1237.64    | 1.05    | ppb   |
| Lead       | 208-1 | 1235.53  | 1252.68  | 1224.63  | 1237.61    | 1.14    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 25003.23 | 25088.21 | 25199.73 | 25097.06   | 0.39    | ppb   |
| Manganese  | 55-2  | 2585.88  | 2613.02  | 2574.74  | 2591.21    | 0.76    | ppb   |
| Molybdenum | 94-1  | 2485.13  | 2507.63  | 2506.28  | 2499.68    | 0.50    | ppb   |
| Molybdenum | 95-1  | 2508.83  | 2552.49  | 2526.79  | 2529.37    | 0.87    | ppb   |
| Molybdenum | 96-1  | 2532.22  | 2539.50  | 2505.46  | 2525.73    | 0.71    | ppb   |
| Molybdenum | 97-1  | 2521.02  | 2528.92  | 2487.75  | 2512.56    | 0.87    | ppb   |
| Molybdenum | 98-1  | 2479.80  | 2535.62  | 2501.35  | 2505.59    | 1.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 254.38   | 256.34   | 255.11   | 255.27     | 0.39    | ppb   |
| Phosphorus | 31-2  | 5127.79  | 5260.06  | 5204.34  | 5197.40    | 1.28    | ppb   |
| Potassium  | 39-2  | 12080.51 | 12081.75 | 12145.27 | 12102.51   | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 82-1  | 253.20   | 261.26   | 260.98   | 258.48     | 1.77    | ppb   |
| Selenium   | 77-2  | 255.07   | 236.69   | 250.98   | 247.58     | 3.90    | ppb   |
| Selenium   | 78-2  | 265.46   | 246.89   | 257.50   | 256.62     | 3.63    | ppb   |
| Silicon    | 28-1  | 252.37   | 254.28   | 253.97   | 253.54     | 0.40    | ppb   |
| Silver     | 107-1 | 264.01   | 262.43   | 264.40   | 263.61     | 0.39    | ppb   |
| Silver     | 109-1 | 265.12   | 268.40   | 263.40   | 265.64     | 0.96    | ppb   |
| Sodium     | 23-2  | 24940.70 | 25012.15 | 24460.33 | 24804.39   | 1.21    | ppb   |
| Strontium  | 86-1  | 254.29   | 256.30   | 252.73   | 254.44     | 0.70    | ppb   |
| Strontium  | 88-1  | 252.81   | 248.98   | 252.70   | 251.50     | 0.87    | ppb   |
| Sulfur     | 34-1  | 4996.66  | 4999.11  | 4855.77  | 4950.51    | 1.66    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 243.42   | 241.80   | 240.22   | 241.81     | 0.66    | ppb   |
| Thallium   | 205-1 | 241.92   | 241.89   | 241.44   | 241.75     | 0.11    | ppb   |
| Tin        | 118-1 | 253.77   | 257.54   | 252.28   | 254.53     | 1.07    | ppb   |
| Titanium   | 47-1  | 2509.47  | 2464.21  | 2484.44  | 2486.04    | 0.91    | ppb   |
| Uranium    | 238-1 | 240.69   | 245.47   | 240.90   | 242.35     | 1.11    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 255.05  | 257.68  | 256.62  | 256.45     | 0.52    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 92         |         | %     |
| Zinc      | 66-2  | 2680.54 | 2681.50 | 2703.42 | 2688.49    | 0.48    | ppb   |
| Zirconium | 90-1  | 247.08  | 250.15  | 250.56  | 249.26     | 0.76    | ppb   |
| Zirconium | 91-1  | 253.15  | 254.26  | 258.28  | 255.23     | 1.06    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9566.60  | 9643.82  | 9604.71  | 9605.05    | 0.40    | ppb   |
| Antimony   | 121-1 | 503.26   | 486.49   | 503.97   | 497.91     | 1.99    | ppb   |
| Arsenic    | 75-2  | 504.14   | 499.97   | 505.80   | 503.30     | 0.60    | ppb   |
| Barium     | 135-1 | 2513.55  | 2424.65  | 2454.11  | 2464.10    | 1.84    | ppb   |
| Barium     | 137-1 | 2506.18  | 2404.82  | 2461.38  | 2457.46    | 2.07    | ppb   |
| Beryllium  | 9-1   | 497.31   | 497.88   | 512.89   | 502.70     | 1.76    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 502.05   | 501.44   | 514.57   | 506.02     | 1.46    | ppb   |
| Cadmium    | 106-1 | 502.40   | 506.93   | 505.04   | 504.79     | 0.45    | ppb   |
| Cadmium    | 111-1 | 513.38   | 498.27   | 504.72   | 505.46     | 1.50    | ppb   |
| Calcium    | 43-1  | 50721.39 | 49872.76 | 49974.76 | 50189.64   | 0.92    | ppb   |
| Calcium    | 44-1  | 50010.06 | 49683.50 | 49474.16 | 49722.57   | 0.54    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 515.88   | 520.50   | 516.97   | 517.78     | 0.47    | ppb   |
| Cobalt     | 59-2  | 520.61   | 520.53   | 525.43   | 522.19     | 0.54    | ppb   |
| Copper     | 63-2  | 5130.46  | 5234.32  | 5205.37  | 5190.05    | 1.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 92         |         | %     |
| Indium     | 115-2 |          |          |          | 85         |         | %     |
| Iron       | 54-2  | 26588.28 | 26317.50 | 26469.05 | 26458.28   | 0.51    | ppb   |
| Iron       | 56-2  | 25872.31 | 26022.37 | 26120.36 | 26005.02   | 0.48    | ppb   |
| Iron       | 57-2  | 26640.43 | 26839.85 | 26181.98 | 26554.08   | 1.27    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2454.10  | 2375.10  | 2460.03  | 2429.74    | 1.95    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 2424.50  | 2408.90  | 2479.45  | 2437.62    | 1.52    | ppb   |
| Lead       | 208-1 | 2432.45  | 2406.07  | 2483.80  | 2440.77    | 1.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 49438.74 | 49611.16 | 49805.41 | 49618.44   | 0.37    | ppb   |
| Manganese  | 55-2  | 5150.92  | 5151.92  | 5150.34  | 5151.06    | 0.02    | ppb   |
| Molybdenum | 94-1  | 4977.12  | 4992.94  | 4928.40  | 4966.15    | 0.68    | ppb   |
| Molybdenum | 95-1  | 5029.63  | 5019.31  | 4994.66  | 5014.53    | 0.36    | ppb   |
| Molybdenum | 96-1  | 5050.59  | 4977.49  | 5043.52  | 5023.87    | 0.80    | ppb   |
| Molybdenum | 97-1  | 5045.60  | 4981.94  | 5037.72  | 5021.75    | 0.69    | ppb   |
| Molybdenum | 98-1  | 5036.84  | 4973.78  | 4966.82  | 4992.48    | 0.77    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 489.83   | 493.05   | 494.43   | 492.44     | 0.48    | ppb   |
| Phosphorus | 31-2  | 10239.10 | 10406.96 | 10049.61 | 10231.89   | 1.75    | ppb   |
| Potassium  | 39-2  | 23313.95 | 23320.67 | 23400.33 | 23344.98   | 0.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 82-1  | 508.09   | 504.25   | 507.06   | 506.46     | 0.39    | ppb   |
| Selenium   | 77-2  | 517.79   | 511.82   | 498.25   | 509.29     | 1.97    | ppb   |
| Selenium   | 78-2  | 517.72   | 511.59   | 501.20   | 510.17     | 1.64    | ppb   |
| Silicon    | 28-1  | 513.45   | 510.57   | 507.56   | 510.53     | 0.58    | ppb   |
| Silver     | 107-1 | 507.72   | 511.48   | 512.97   | 510.72     | 0.53    | ppb   |
| Silver     | 109-1 | 506.71   | 500.04   | 515.01   | 507.25     | 1.48    | ppb   |
| Sodium     | 23-2  | 48700.72 | 49777.65 | 48908.35 | 49128.91   | 1.16    | ppb   |
| Strontium  | 86-1  | 505.06   | 497.06   | 498.08   | 500.07     | 0.87    | ppb   |
| Strontium  | 88-1  | 494.97   | 496.03   | 503.93   | 498.31     | 0.98    | ppb   |
| Sulfur     | 34-1  | 10457.55 | 9684.90  | 9805.86  | 9982.77    | 4.16    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 482.99   | 470.40   | 492.24   | 481.88     | 2.28    | ppb   |
| Thallium   | 205-1 | 486.46   | 475.62   | 492.10   | 484.73     | 1.73    | ppb   |
| Tin        | 118-1 | 495.60   | 487.72   | 492.42   | 491.92     | 0.81    | ppb   |
| Titanium   | 47-1  | 5050.37  | 5013.11  | 4971.89  | 5011.79    | 0.78    | ppb   |
| Uranium    | 238-1 | 470.10   | 472.27   | 485.68   | 476.01     | 1.77    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 515.71  | 519.68  | 514.36  | 516.58     | 0.54    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 91         |         | %     |
| Zinc      | 66-2  | 5193.50 | 5197.09 | 5128.10 | 5172.90    | 0.75    | ppb   |
| Zirconium | 90-1  | 497.50  | 494.43  | 490.80  | 494.24     | 0.68    | ppb   |
| Zirconium | 91-1  | 505.47  | 497.52  | 497.07  | 500.02     | 0.94    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 18861.41 | 18339.15  | 18803.08  | 18667.88   | 1.53    | ppb   |
| Antimony   | 121-1 | 995.79   | 993.64    | 1009.65   | 999.69     | 0.87    | ppb   |
| Arsenic    | 75-2  | 995.70   | 1002.43   | 994.53    | 997.55     | 0.43    | ppb   |
| Barium     | 135-1 | 5029.23  | 5000.18   | 5013.44   | 5014.28    | 0.29    | ppb   |
| Barium     | 137-1 | 5109.37  | 4960.46   | 4983.65   | 5017.83    | 1.60    | ppb   |
| Beryllium  | 9-1   | 1000.94  | 1000.62   | 979.89    | 993.81     | 1.21    | ppb   |
| Bismuth    | 209-1 |          |           |           | 92         |         | %     |
| Bismuth    | 209-2 |          |           |           | 87         |         | %     |
| Bromine    | 81-1  |          |           |           |            |         | cps   |
| Cadmium    | 108-1 | 1002.88  | 979.20    | 999.24    | 993.77     | 1.28    | ppb   |
| Cadmium    | 106-1 | 999.37   | 985.53    | 999.69    | 994.86     | 0.81    | ppb   |
| Cadmium    | 111-1 | 1012.56  | 977.23    | 990.60    | 993.47     | 1.80    | ppb   |
| Calcium    | 43-1  | 98930.82 | 99510.67  | 100699.56 | 99713.68   | 0.90    | ppb   |
| Calcium    | 44-1  | 98554.43 | 100195.05 | 99777.24  | 99508.91   | 0.86    | ppb   |
| Carbon     | 12-1  |          |           |           |            |         | cps   |
| Carbon     | 12-2  |          |           |           |            |         | cps   |
| Chlorine   | 35-1  |          |           |           |            |         | cps   |
| Chlorine   | 35-2  |          |           |           |            |         | cps   |
| Chromium   | 52-2  | 989.84   | 983.20    | 989.53    | 987.52     | 0.38    | ppb   |
| Cobalt     | 59-2  | 991.32   | 977.77    | 982.78    | 983.96     | 0.70    | ppb   |
| Copper     | 63-2  | 9926.44  | 9839.06   | 9772.04   | 9845.85    | 0.79    | 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 |          |           |           | 99         |         | %     |
| Holmium    | 165-2 |          |           |           | 96         |         | %     |
| Indium     | 115-1 |          |           |           | 88         |         | %     |
| Indium     | 115-2 |          |           |           | 78         |         | %     |
| Iron       | 54-2  | 50733.81 | 50741.22  | 50912.16  | 50795.73   | 0.20    | ppb   |
| Iron       | 56-2  | 51414.06 | 49467.69  | 49579.71  | 50153.82   | 2.18    | ppb   |
| Iron       | 57-2  | 51328.61 | 50058.93  | 49888.01  | 50425.18   | 1.56    | ppb   |
| Krypton    | 83-1  |          |           |           |            |         | cps   |
| Lead       | 206-1 | 5097.41  | 4991.71   | 5040.34   | 5043.15    | 1.05    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 5016.48  | 5027.51  | 5063.26  | 5035.75    | 0.49    | ppb   |
| Lead       | 208-1 | 5033.94  | 4992.53  | 5077.16  | 5034.54    | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 98418.85 | 96524.41 | 95746.72 | 96896.66   | 1.42    | ppb   |
| Manganese  | 55-2  | 10045.45 | 9805.95  | 9824.87  | 9892.09    | 1.35    | ppb   |
| Molybdenum | 94-1  | 10157.45 | 10022.97 | 9880.17  | 10020.20   | 1.38    | ppb   |
| Molybdenum | 95-1  | 10133.69 | 9863.65  | 9959.54  | 9985.62    | 1.37    | ppb   |
| Molybdenum | 96-1  | 10008.98 | 9844.34  | 10090.82 | 9981.38    | 1.26    | ppb   |
| Molybdenum | 97-1  | 9997.17  | 9971.45  | 9990.11  | 9986.24    | 0.13    | ppb   |
| Molybdenum | 98-1  | 10102.67 | 9952.24  | 9958.13  | 10004.34   | 0.85    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1020.25  | 993.62   | 990.58   | 1001.48    | 1.63    | ppb   |
| Phosphorus | 31-2  | 20009.69 | 19606.43 | 19811.85 | 19809.32   | 1.02    | ppb   |
| Potassium  | 39-2  | 46525.79 | 45988.64 | 46085.94 | 46200.12   | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 82-1  | 987.04   | 993.52   | 1001.64  | 994.06     | 0.74    | ppb   |
| Selenium   | 77-2  | 997.41   | 1021.34  | 969.83   | 996.19     | 2.59    | ppb   |
| Selenium   | 78-2  | 1003.52  | 992.83   | 982.79   | 993.05     | 1.04    | ppb   |
| Silicon    | 28-1  | 982.31   | 991.25   | 1007.80  | 993.79     | 1.30    | ppb   |
| Silver     | 107-1 | 1002.04  | 975.73   | 992.40   | 990.06     | 1.34    | ppb   |
| Silver     | 109-1 | 986.16   | 982.59   | 1004.94  | 991.23     | 1.21    | ppb   |
| Sodium     | 23-2  | 97012.13 | 94556.12 | 94573.74 | 95380.66   | 1.48    | ppb   |
| Strontium  | 86-1  | 1009.31  | 999.05   | 989.87   | 999.41     | 0.97    | ppb   |
| Strontium  | 88-1  | 993.73   | 996.86   | 1011.03  | 1000.54    | 0.92    | ppb   |
| Sulfur     | 34-1  | 20015.46 | 20071.41 | 19586.01 | 19890.96   | 1.34    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 1020.64  | 1006.44  | 1006.71  | 1011.27    | 0.80    | ppb   |
| Thallium   | 205-1 | 1017.96  | 998.11   | 1014.15  | 1010.08    | 1.04    | ppb   |
| Tin        | 118-1 | 1008.14  | 993.02   | 1006.50  | 1002.55    | 0.83    | ppb   |
| Titanium   | 47-1  | 9942.93  | 10099.91 | 9951.30  | 9998.05    | 0.88    | ppb   |
| Uranium    | 238-1 | 1017.91  | 1005.58  | 1021.77  | 1015.09    | 0.83    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 988.15  | 983.25  | 996.99  | 989.46     | 0.70    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 95         |         | %     |
| Yttrium   | 89-2  |         |         |         | 90         |         | %     |
| Zinc      | 66-2  | 9925.38 | 9806.37 | 9844.42 | 9858.72    | 0.62    | ppb   |
| Zirconium | 90-1  | 1014.62 | 1003.48 | 992.00  | 1003.36    | 1.13    | ppb   |
| Zirconium | 91-1  | 1008.03 | 999.83  | 990.10  | 999.32     | 0.90    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100365.57 | 101973.71 | 98591.85  | 100310.38  | 1.69    | ppb   |
| Antimony   | 121-1 | 0.57      | 0.54      | 0.54      | 0.55       | 3.48    | ppb   |
| Arsenic    | 75-2  | 0.48      | 0.64      | 0.58      | 0.56       | 14.74   | ppb   |
| Barium     | 135-1 | 2.04      | 2.03      | 1.99      | 2.02       | 1.34    | ppb   |
| Barium     | 137-1 | 2.07      | 2.03      | 1.99      | 2.03       | 1.91    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.10      | 0.09      | 0.11       | 18.16   | ppb   |
| Bismuth    | 209-1 |           |           |           | 82         |         | %     |
| Bismuth    | 209-2 |           |           |           | 80         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 0.39      | 0.30      | 0.37      | 0.35       | 14.25   | ppb   |
| Cadmium    | 106-1 | 0.19      | 0.16      | 0.21      | 0.19       | 14.21   | ppb   |
| Cadmium    | 111-1 | 0.15      | 0.13      | 0.16      | 0.15       | 12.03   | ppb   |
| Calcium    | 43-1  | 499986.09 | 501844.80 | 498234.02 | 500021.63  | 0.36    | ppb   |
| Calcium    | 44-1  | 498415.51 | 502196.14 | 499807.47 | 500139.71  | 0.38    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 8.62      | 8.67      | 8.54      | 8.61       | 0.79    | ppb   |
| Cobalt     | 59-2  | 2.20      | 2.18      | 2.12      | 2.17       | 1.85    | ppb   |
| Copper     | 63-2  | 2.48      | 2.52      | 2.44      | 2.48       | 1.67    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 94         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 54-2  | 252668.00 | 251312.16 | 244909.36 | 249629.84  | 1.66    | ppb   |
| Iron       | 56-2  | 251820.22 | 252504.44 | 245161.05 | 249828.57  | 1.62    | ppb   |
| Iron       | 57-2  | 250367.45 | 251173.11 | 247623.11 | 249721.22  | 0.75    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5.78      | 5.78      | 5.75      | 5.77       | 0.27    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 207-1 | 5.96      | 5.83      | 5.78      | 5.86       | 1.59    | ppb   |
| Lead       | 208-1 | 5.86      | 5.82      | 5.79      | 5.82       | 0.62    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 501690.01 | 505304.85 | 494931.04 | 500641.97  | 1.05    | ppb   |
| Manganese  | 55-2  | -3.58     | -3.37     | -3.44     | -3.47      |         | ppb   |
| Molybdenum | 94-1  | 1.96      | 1.91      | 1.91      | 1.93       | 1.54    | ppb   |
| Molybdenum | 95-1  | 1.35      | 1.26      | 1.31      | 1.31       | 3.42    | ppb   |
| Molybdenum | 96-1  | 2.23      | 2.17      | 2.16      | 2.19       | 1.62    | ppb   |
| Molybdenum | 97-1  | 1.35      | 1.28      | 1.26      | 1.30       | 3.61    | ppb   |
| Molybdenum | 98-1  | 1.28      | 1.19      | 1.19      | 1.22       | 4.21    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.57      | 4.66      | 4.58      | 4.60       | 1.08    | ppb   |
| Phosphorus | 31-2  | -1.54     | -12.88    | -1.75     | -5.39      |         | ppb   |
| Potassium  | 39-2  | 250522.70 | 253400.77 | 248916.55 | 250946.67  | 0.91    | ppb   |
| Rhodium    | 103-1 |           |           |           | 79         |         | %     |
| Rhodium    | 103-2 |           |           |           | 79         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 82-1  | 1.01      | 0.67      | 1.01      | 0.90       | 22.32   | ppb   |
| Selenium   | 77-2  | 0.31      | 1.64      | 0.75      | 0.90       | 75.57   | ppb   |
| Selenium   | 78-2  | 0.36      | 0.23      | 1.01      | 0.53       | 79.23   | ppb   |
| Silicon    | 28-1  | 21.30     | 20.07     | 17.20     | 19.52      | 10.76   | ppb   |
| Silver     | 107-1 | 0.10      | 0.09      | 0.09      | 0.09       | 8.12    | ppb   |
| Silver     | 109-1 | 0.10      | 0.10      | 0.09      | 0.10       | 7.30    | ppb   |
| Sodium     | 23-2  | 505894.87 | 500812.44 | 496342.72 | 501016.68  | 0.95    | ppb   |
| Strontium  | 86-1  | 3.33      | 3.21      | 3.26      | 3.27       | 1.83    | ppb   |
| Strontium  | 88-1  | 3.26      | 3.21      | 3.26      | 3.24       | 0.82    | ppb   |
| Sulfur     | 34-1  | -823.94   | -630.92   | -653.88   | -702.91    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 93         |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.09      | 0.08      | 0.07      | 0.08       | 14.86   | ppb   |
| Thallium   | 205-1 | 0.09      | 0.07      | 0.06      | 0.07       | 15.52   | ppb   |
| Tin        | 118-1 | 0.13      | 0.13      | 0.16      | 0.14       | 11.02   | ppb   |
| Titanium   | 47-1  | 0.65      | 0.74      | 0.68      | 0.69       | 7.20    | ppb   |
| Uranium    | 238-1 | 0.04      | 0.04      | 0.04      | 0.04       | 10.59   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.29    | 0.28    | 0.29    | 0.29       | 2.17    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 92         |         | %     |
| Yttrium   | 89-2  |         |         |         | 92         |         | %     |
| Zinc      | 66-2  | 59.57   | 59.79   | 58.44   | 59.27      | 1.23    | ppb   |
| Zirconium | 90-1  | 0.46    | 0.45    | 0.46    | 0.46       | 1.82    | ppb   |
| Zirconium | 91-1  | 0.46    | 0.46    | 0.46    | 0.46       | 0.80    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 469.89  | 476.43  | 462.45  | 469.59     | 1.49    | ppb   |
| Antimony   | 121-1 | 195.23  | 196.72  | 199.71  | 197.22     | 1.16    | ppb   |
| Arsenic    | 75-2  | 195.40  | 196.56  | 192.62  | 194.86     | 1.04    | ppb   |
| Barium     | 135-1 | 95.56   | 96.52   | 97.58   | 96.55      | 1.05    | ppb   |
| Barium     | 137-1 | 96.46   | 97.17   | 97.24   | 96.96      | 0.45    | ppb   |
| Beryllium  | 9-1   | 108.32  | 109.43  | 106.93  | 108.22     | 1.16    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 84.61   | 86.72   | 84.39   | 85.24      | 1.51    | ppb   |
| Cadmium    | 106-1 | 80.75   | 80.67   | 81.89   | 81.10      | 0.84    | ppb   |
| Cadmium    | 111-1 | 98.54   | 99.82   | 101.46  | 99.94      | 1.46    | ppb   |
| Calcium    | 43-1  | 1931.73 | 1902.11 | 1933.38 | 1922.41    | 0.92    | ppb   |
| Calcium    | 44-1  | 1930.31 | 1930.94 | 1968.03 | 1943.09    | 1.11    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 100.96  | 101.91  | 100.35  | 101.07     | 0.78    | ppb   |
| Cobalt     | 59-2  | 105.22  | 105.03  | 103.34  | 104.53     | 0.99    | ppb   |
| Copper     | 63-2  | 106.09  | 106.27  | 105.21  | 105.86     | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 2092.42 | 2089.11 | 2068.41 | 2083.31    | 0.62    | ppb   |
| Iron       | 56-2  | 2035.10 | 2029.52 | 1975.29 | 2013.31    | 1.64    | ppb   |
| Iron       | 57-2  | 2001.99 | 1996.81 | 1994.20 | 1997.67    | 0.20    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 190.25  | 196.78  | 194.23  | 193.76     | 1.70    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 187.04  | 190.13  | 191.45  | 189.54     | 1.20    | ppb   |
| Lead       | 208-1 | 188.97  | 191.81  | 193.18  | 191.32     | 1.12    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1149.21 | 1158.26 | 1144.30 | 1150.59    | 0.62    | ppb   |
| Manganese  | 55-2  | 100.15  | 99.97   | 99.77   | 99.96      | 0.19    | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.06    | 0.06    | 0.05       | 11.69   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.02    | 0.01       | 17.62   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.05    | 0.04    | 0.04       | 19.34   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 22.07   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 8.21    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 103.64  | 105.21  | 102.67  | 103.84     | 1.23    | ppb   |
| Phosphorus | 31-2  | -14.61  | -24.27  | -15.72  | -18.20     |         | ppb   |
| Potassium  | 39-2  | 1849.74 | 1870.58 | 1853.23 | 1857.85    | 0.60    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 82-1  | 204.82  | 206.11  | 212.37  | 207.76     | 1.94    | ppb   |
| Selenium   | 77-2  | 213.70  | 217.69  | 206.57  | 212.65     | 2.65    | ppb   |
| Selenium   | 78-2  | 210.44  | 218.06  | 204.89  | 211.13     | 3.13    | ppb   |
| Silicon    | 28-1  | -1.41   | -1.71   | -2.28   | -1.80      |         | ppb   |
| Silver     | 107-1 | 51.44   | 52.22   | 52.90   | 52.19      | 1.39    | ppb   |
| Silver     | 109-1 | 51.40   | 53.14   | 53.28   | 52.61      | 2.00    | ppb   |
| Sodium     | 23-2  | 1957.10 | 1986.96 | 1961.03 | 1968.37    | 0.82    | ppb   |
| Strontium  | 86-1  | 0.23    | 0.21    | 0.23    | 0.22       | 3.55    | ppb   |
| Strontium  | 88-1  | 0.22    | 0.23    | 0.23    | 0.23       | 2.97    | ppb   |
| Sulfur     | 34-1  | -562.44 | -662.88 | -653.48 | -626.27    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 190.00  | 194.71  | 190.65  | 191.79     | 1.33    | ppb   |
| Thallium   | 205-1 | 190.30  | 192.46  | 187.41  | 190.06     | 1.33    | ppb   |
| Tin        | 118-1 | 0.01    | 0.02    | 0.00    | 0.01       | 78.88   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.03    | 0.00    | 0.02       | 70.77   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 99.61   | 100.88  | 98.64   | 99.71      | 1.13    | 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  | 200.93  | 200.65  | 197.37  | 199.65     | 0.99    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.01       | 10.41   | ppb   |
| Zirconium | 91-1  | 0.10    | 0.08    | 0.09    | 0.09       | 6.49    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.15   | 18.94   | 19.86   | 19.65      | 3.20    | ppb   |
| Antimony   | 121-1 | 2.07    | 2.04    | 2.07    | 2.06       | 0.91    | ppb   |
| Arsenic    | 75-2  | 1.01    | 1.07    | 1.00    | 1.03       | 3.52    | ppb   |
| Barium     | 135-1 | 10.16   | 9.98    | 10.28   | 10.14      | 1.49    | ppb   |
| Barium     | 137-1 | 10.14   | 10.18   | 10.28   | 10.20      | 0.67    | ppb   |
| Beryllium  | 9-1   | 1.19    | 1.18    | 1.17    | 1.18       | 0.76    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 1.11    | 1.09    | 1.09    | 1.10       | 0.98    | ppb   |
| Cadmium    | 106-1 | 0.73    | 1.02    | 1.20    | 0.98       | 24.51   | ppb   |
| Cadmium    | 111-1 | 1.08    | 1.02    | 1.09    | 1.06       | 3.71    | ppb   |
| Calcium    | 43-1  | 530.56  | 513.35  | 535.24  | 526.38     | 2.19    | ppb   |
| Calcium    | 44-1  | 520.26  | 518.21  | 526.91  | 521.80     | 0.87    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.16    | 2.17    | 2.07    | 2.13       | 2.60    | ppb   |
| Cobalt     | 59-2  | 1.13    | 1.15    | 1.09    | 1.12       | 2.71    | ppb   |
| Copper     | 63-2  | 2.14    | 2.28    | 2.10    | 2.18       | 4.31    | 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 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 56.59   | 55.09   | 56.07   | 55.92      | 1.36    | ppb   |
| Iron       | 56-2  | 53.68   | 54.70   | 52.32   | 53.57      | 2.23    | ppb   |
| Iron       | 57-2  | 54.84   | 52.61   | 50.19   | 52.55      | 4.42    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.96    | 0.98    | 0.98    | 0.98       | 1.34    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.97    | 1.03    | 1.00    | 1.00       | 2.65    | ppb   |
| Lead       | 208-1 | 0.96    | 1.00    | 1.00    | 0.99       | 2.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 544.85  | 546.30  | 530.34  | 540.50     | 1.63    | ppb   |
| Manganese  | 55-2  | 1.00    | 1.20    | 0.76    | 0.99       | 22.70   | ppb   |
| Molybdenum | 94-1  | 5.80    | 5.98    | 5.97    | 5.92       | 1.67    | ppb   |
| Molybdenum | 95-1  | 4.98    | 4.98    | 5.16    | 5.04       | 2.08    | ppb   |
| Molybdenum | 96-1  | 5.04    | 5.03    | 5.24    | 5.10       | 2.36    | ppb   |
| Molybdenum | 97-1  | 4.96    | 5.05    | 5.17    | 5.06       | 2.02    | ppb   |
| Molybdenum | 98-1  | 4.94    | 4.90    | 5.06    | 4.97       | 1.74    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.06    | 1.11    | 1.02    | 1.06       | 4.52    | ppb   |
| Phosphorus | 31-2  | 17.13   | 19.44   | 6.63    | 14.40      | 47.42   | ppb   |
| Potassium  | 39-2  | 503.04  | 513.15  | 499.16  | 505.12     | 1.43    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 82-1  | 5.28    | 5.61    | 5.29    | 5.39       | 3.53    | ppb   |
| Selenium   | 77-2  | 4.95    | 8.19    | 6.17    | 6.44       | 25.41   | ppb   |
| Selenium   | 78-2  | 5.12    | 5.78    | 5.63    | 5.51       | 6.26    | ppb   |
| Silicon    | 28-1  | 2.92    | 3.29    | 3.36    | 3.19       | 7.37    | ppb   |
| Silver     | 107-1 | 1.04    | 1.04    | 1.08    | 1.05       | 2.09    | ppb   |
| Silver     | 109-1 | 1.04    | 1.05    | 1.08    | 1.06       | 1.89    | ppb   |
| Sodium     | 23-2  | 542.10  | 543.16  | 531.55  | 538.94     | 1.19    | ppb   |
| Strontium  | 86-1  | 1.00    | 1.05    | 1.07    | 1.04       | 3.63    | ppb   |
| Strontium  | 88-1  | 1.02    | 1.01    | 1.04    | 1.02       | 1.76    | ppb   |
| Sulfur     | 34-1  | -473.84 | -536.14 | -501.24 | -503.74    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.98    | 0.98    | 0.95    | 0.97       | 1.70    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.98    | 0.97    | 0.97       | 1.34    | ppb   |
| Tin        | 118-1 | 5.15    | 5.09    | 5.30    | 5.18       | 2.03    | ppb   |
| Titanium   | 47-1  | 5.18    | 5.16    | 5.23    | 5.19       | 0.62    | ppb   |
| Uranium    | 238-1 | 0.92    | 0.96    | 0.95    | 0.94       | 2.63    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 5.22    | 5.38    | 5.24    | 5.28       | 1.70    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 5.37    | 5.47    | 5.30    | 5.38       | 1.53    | ppb   |
| Zirconium | 90-1  | 0.99    | 1.02    | 1.01    | 1.01       | 1.64    | ppb   |
| Zirconium | 91-1  | 1.02    | 1.00    | 1.01    | 1.01       | 1.36    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.12   | 0.21    | -0.26   | -0.06      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.95   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | 194.96  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 319.60  | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.00    | 0.01       | 62.92   | ppb   |
| Cadmium    | 106-1 | 0.07    | 0.11    | 0.02    | 0.07       | 64.31   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.01    | 0.00    | 0.00       | 114.76  | ppb   |
| Calcium    | 43-1  | -1.23   | -1.58   | -1.03   | -1.28      |         | ppb   |
| Calcium    | 44-1  | 1.62    | 1.44    | 1.54    | 1.53       | 5.73    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 2.14    | 2.22    | 2.65    | 2.33       | 11.66   | ppb   |
| Iron       | 56-2  | 2.19    | 2.20    | 2.31    | 2.23       | 3.00    | ppb   |
| Iron       | 57-2  | 2.77    | 1.69    | 2.28    | 2.25       | 24.06   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.03    | 0.03       | 15.79   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.03    | 0.02    | 0.02    | 0.02       | 10.21   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.88    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 0.04    | 0.14    | 0.25    | 0.14       | 74.11   | ppb   |
| Manganese  | 55-2  | -1.00   | -1.04   | -1.32   | -1.12      |         | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.02    | 0.01       | 71.66   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.22    | 0.13    | 0.18       | 24.59   | ppb   |
| Phosphorus | 31-2  | -14.02  | -13.01  | -17.83  | -14.95     |         | ppb   |
| Potassium  | 39-2  | 6.20    | 9.48    | 6.89    | 7.52       | 22.96   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 82-1  | 0.06    | 0.12    | -0.20   | -0.01      |         | ppb   |
| Selenium   | 77-2  | 0.26    | -0.14   | -0.14   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.13    | 0.74    | 0.02    | 0.30       | 130.04  | ppb   |
| Silicon    | 28-1  | -2.76   | -3.09   | -2.84   | -2.90      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.19   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.39    | ppb   |
| Sodium     | 23-2  | 6.32    | 7.12    | 4.42    | 5.95       | 23.37   | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00    | 0.00    | 0.00       | 750.57  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 36.56   | ppb   |
| Sulfur     | 34-1  | -480.26 | -533.91 | -550.48 | -521.55    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.75    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.75   | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.03    | 0.03       | 23.54   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | 0.01    | 0.00       | 223.42  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| 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  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 0.07    | 0.04    | 0.03    | 0.04       | 51.06   | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 21.02   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.01    | 0.01    | 0.01       | 23.68   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 96551.42  | 95218.88  | 96271.53  | 96013.94   | 0.73    | ppb   |
| Antimony   | 121-1 | 1.31      | 1.31      | 1.27      | 1.30       | 1.99    | ppb   |
| Arsenic    | 75-2  | 0.32      | 0.32      | 0.27      | 0.31       | 9.12    | ppb   |
| Barium     | 135-1 | 1.51      | 1.49      | 1.54      | 1.52       | 1.62    | ppb   |
| Barium     | 137-1 | 1.53      | 1.49      | 1.53      | 1.52       | 1.65    | ppb   |
| Beryllium  | 9-1   | 0.34      | 0.33      | 0.32      | 0.33       | 2.19    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 14.34     | 14.51     | 13.92     | 14.26      | 2.15    | ppb   |
| Cadmium    | 106-1 | -0.12     | -0.21     | -0.58     | -0.30      |         | ppb   |
| Cadmium    | 111-1 | 0.58      | 0.52      | 0.53      | 0.54       | 5.68    | ppb   |
| Calcium    | 43-1  | 103450.46 | 104217.63 | 103168.74 | 103612.28  | 0.52    | ppb   |
| Calcium    | 44-1  | 101926.40 | 102658.54 | 102910.58 | 102498.51  | 0.50    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 21.05     | 20.76     | 21.15     | 20.98      | 0.97    | ppb   |
| Cobalt     | 59-2  | 1.24      | 1.25      | 1.29      | 1.26       | 2.01    | ppb   |
| Copper     | 63-2  | 7.98      | 7.87      | 8.04      | 7.96       | 1.08    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 54-2  | 108722.99 | 106581.24 | 107867.09 | 107723.77  | 1.00    | ppb   |
| Iron       | 56-2  | 107136.38 | 106361.89 | 108110.24 | 107202.84  | 0.82    | ppb   |
| Iron       | 57-2  | 106906.20 | 106746.33 | 110001.73 | 107884.75  | 1.70    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.84      | 4.83      | 4.65      | 4.78       | 2.22    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 207-1 | 4.47      | 4.50      | 4.35      | 4.44       | 1.87    | ppb   |
| Lead       | 208-1 | 4.60      | 4.57      | 4.45      | 4.54       | 1.83    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 101043.94 | 100447.87 | 100402.42 | 100631.41  | 0.36    | ppb   |
| Manganese  | 55-2  | 7.29      | 6.91      | 7.20      | 7.13       | 2.84    | ppb   |
| Molybdenum | 94-1  | 1742.86   | 1691.15   | 1661.07   | 1698.36    | 2.44    | ppb   |
| Molybdenum | 95-1  | 2112.85   | 2087.37   | 2066.79   | 2089.00    | 1.10    | ppb   |
| Molybdenum | 96-1  | 2070.07   | 2038.18   | 2045.19   | 2051.15    | 0.82    | ppb   |
| Molybdenum | 97-1  | 2134.23   | 2076.66   | 2068.48   | 2093.12    | 1.71    | ppb   |
| Molybdenum | 98-1  | 2148.13   | 2045.97   | 2046.44   | 2080.18    | 2.83    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.95      | 6.10      | 6.02      | 6.02       | 1.25    | ppb   |
| Phosphorus | 31-2  | 114089.25 | 112895.49 | 115340.21 | 114108.32  | 1.07    | ppb   |
| Potassium  | 39-2  | 102519.27 | 101827.15 | 104226.54 | 102857.65  | 1.20    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 82-1  | 0.13      | 0.14      | -0.13     | 0.05       | 321.20  | ppb   |
| Selenium   | 77-2  | -0.14     | -0.14     | -0.14     | -0.14      |         | ppb   |
| Selenium   | 78-2  | 1.17      | 0.80      | 0.68      | 0.88       | 29.15   | ppb   |
| Silicon    | 28-1  | 21.51     | 22.24     | 21.89     | 21.88      | 1.66    | ppb   |
| Silver     | 107-1 | 0.03      | 0.04      | 0.05      | 0.04       | 24.73   | ppb   |
| Silver     | 109-1 | 0.04      | 0.04      | 0.05      | 0.04       | 17.63   | ppb   |
| Sodium     | 23-2  | 107635.94 | 106823.10 | 108248.87 | 107569.30  | 0.66    | ppb   |
| Strontium  | 86-1  | 35.47     | 34.92     | 35.02     | 35.14      | 0.83    | ppb   |
| Strontium  | 88-1  | 36.67     | 36.12     | 36.76     | 36.52      | 0.95    | ppb   |
| Sulfur     | 34-1  | 106466.81 | 107776.35 | 108337.38 | 107526.85  | 0.89    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 0.05      | 0.07      | 0.08      | 0.07       | 20.04   | ppb   |
| Thallium   | 205-1 | 0.06      | 0.08      | 0.08      | 0.07       | 17.38   | ppb   |
| Tin        | 118-1 | 0.20      | 0.18      | 0.17      | 0.18       | 6.93    | ppb   |
| Titanium   | 47-1  | 2119.32   | 2173.55   | 2155.91   | 2149.59    | 1.29    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 6.58    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.14    | 0.15    | 0.15    | 0.15       | 2.41    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 99         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 14.63   | 14.64   | 14.40   | 14.56      | 0.92    | ppb   |
| Zirconium | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.35    | ppb   |
| Zirconium | 91-1  | 0.03    | 0.03    | 0.04    | 0.03       | 13.11   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 83313.43 | 82788.83 | 82258.39 | 82786.88   | 0.64    | ppb   |
| Antimony   | 121-1 | 18.88    | 19.02    | 18.90    | 18.93      | 0.40    | ppb   |
| Arsenic    | 75-2  | 19.04    | 18.61    | 18.97    | 18.87      | 1.21    | ppb   |
| Barium     | 135-1 | 19.33    | 19.26    | 19.52    | 19.37      | 0.68    | ppb   |
| Barium     | 137-1 | 19.28    | 19.42    | 19.53    | 19.41      | 0.65    | ppb   |
| Beryllium  | 9-1   | 20.44    | 20.86    | 20.61    | 20.64      | 1.03    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 27.28    | 27.40    | 28.05    | 27.58      | 1.49    | ppb   |
| Cadmium    | 106-1 | 14.24    | 13.51    | 14.46    | 14.07      | 3.56    | ppb   |
| Cadmium    | 111-1 | 18.10    | 18.25    | 18.33    | 18.23      | 0.65    | ppb   |
| Calcium    | 43-1  | 87927.32 | 89045.25 | 88160.73 | 88377.77   | 0.67    | ppb   |
| Calcium    | 44-1  | 87031.59 | 87757.72 | 88675.10 | 87821.47   | 0.94    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 35.89    | 36.00    | 35.51    | 35.80      | 0.72    | ppb   |
| Cobalt     | 59-2  | 18.96    | 19.34    | 19.35    | 19.22      | 1.17    | ppb   |
| Copper     | 63-2  | 24.51    | 24.62    | 24.48    | 24.54      | 0.31    | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 54-2  | 90589.61 | 91861.36 | 91796.37 | 91415.78   | 0.78    | ppb   |
| Iron       | 56-2  | 91096.57 | 90927.89 | 91727.35 | 91250.60   | 0.46    | ppb   |
| Iron       | 57-2  | 91474.83 | 91485.42 | 92476.61 | 91812.29   | 0.63    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 21.85    | 21.60    | 22.09    | 21.85      | 1.13    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 21.34    | 21.19    | 21.80    | 21.44      | 1.46    | ppb   |
| Lead       | 208-1 | 21.47    | 21.15    | 21.75    | 21.46      | 1.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 87452.86 | 88276.72 | 87188.64 | 87639.41   | 0.65    | ppb   |
| Manganese  | 55-2  | 22.71    | 23.55    | 23.56    | 23.27      | 2.11    | ppb   |
| Molybdenum | 94-1  | 1416.36  | 1431.13  | 1424.33  | 1423.94    | 0.52    | ppb   |
| Molybdenum | 95-1  | 1747.35  | 1750.47  | 1747.94  | 1748.59    | 0.09    | ppb   |
| Molybdenum | 96-1  | 1717.19  | 1731.67  | 1701.12  | 1716.66    | 0.89    | ppb   |
| Molybdenum | 97-1  | 1747.64  | 1750.23  | 1762.18  | 1753.35    | 0.44    | ppb   |
| Molybdenum | 98-1  | 1714.80  | 1731.38  | 1738.53  | 1728.24    | 0.70    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 22.44    | 22.92    | 22.57    | 22.64      | 1.09    | ppb   |
| Phosphorus | 31-2  | 97112.44 | 98220.11 | 97998.99 | 97777.18   | 0.60    | ppb   |
| Potassium  | 39-2  | 90019.73 | 89547.78 | 88544.07 | 89370.53   | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 82-1  | 19.27    | 18.75    | 19.29    | 19.11      | 1.60    | ppb   |
| Selenium   | 77-2  | 15.08    | 26.42    | 19.58    | 20.36      | 28.05   | ppb   |
| Selenium   | 78-2  | 19.86    | 17.73    | 19.48    | 19.02      | 5.97    | ppb   |
| Silicon    | 28-1  | 20.03    | 20.56    | 20.98    | 20.52      | 2.33    | ppb   |
| Silver     | 107-1 | 17.05    | 17.27    | 17.04    | 17.12      | 0.75    | ppb   |
| Silver     | 109-1 | 17.18    | 17.37    | 17.41    | 17.32      | 0.70    | ppb   |
| Sodium     | 23-2  | 93545.11 | 93487.00 | 93793.44 | 93608.52   | 0.17    | ppb   |
| Strontium  | 86-1  | 29.45    | 29.76    | 29.67    | 29.63      | 0.53    | ppb   |
| Strontium  | 88-1  | 30.40    | 31.07    | 31.16    | 30.88      | 1.35    | ppb   |
| Sulfur     | 34-1  | 91932.22 | 93195.60 | 92628.89 | 92585.57   | 0.68    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 17.93    | 17.69    | 18.16    | 17.93      | 1.30    | ppb   |
| Thallium   | 205-1 | 17.84    | 17.89    | 18.31    | 18.01      | 1.45    | ppb   |
| Tin        | 118-1 | 0.18     | 0.17     | 0.17     | 0.17       | 1.87    | ppb   |
| Titanium   | 47-1  | 1807.03  | 1833.51  | 1812.07  | 1817.54    | 0.77    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 5.18    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 18.66   | 18.76   | 18.49   | 18.64      | 0.75    | 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  | 29.63   | 29.98   | 30.28   | 29.96      | 1.09    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.03    | 0.03    | 0.02       | 16.75   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.03    | 0.04    | 0.03       | 13.26   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49309.28  | 48312.15  | 47532.91  | 48384.78   | 1.84    | ppb   |
| Antimony   | 121-1 | 501.02    | 509.79    | 509.73    | 506.85     | 1.00    | ppb   |
| Arsenic    | 75-2  | 490.25    | 498.62    | 491.99    | 493.62     | 0.89    | ppb   |
| Barium     | 135-1 | 2523.68   | 2561.45   | 2514.02   | 2533.05    | 0.99    | ppb   |
| Barium     | 137-1 | 2483.04   | 2486.90   | 2485.05   | 2485.00    | 0.08    | ppb   |
| Beryllium  | 9-1   | 521.44    | 533.33    | 516.81    | 523.86     | 1.63    | ppb   |
| Bismuth    | 209-1 |           |           |           | 87         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 493.98    | 504.09    | 497.33    | 498.47     | 1.03    | ppb   |
| Cadmium    | 106-1 | 491.90    | 499.38    | 503.32    | 498.20     | 1.16    | ppb   |
| Cadmium    | 111-1 | 487.71    | 505.83    | 491.86    | 495.14     | 1.92    | ppb   |
| Calcium    | 43-1  | 246216.13 | 243817.95 | 239712.34 | 243248.81  | 1.35    | ppb   |
| Calcium    | 44-1  | 241919.81 | 236672.01 | 243414.98 | 240668.94  | 1.47    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 495.12    | 496.21    | 486.31    | 492.55     | 1.10    | ppb   |
| Cobalt     | 59-2  | 479.59    | 475.39    | 471.06    | 475.35     | 0.90    | ppb   |
| Copper     | 63-2  | 4589.51   | 4548.18   | 4532.96   | 4556.88    | 0.64    | 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 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 54-2  | 122590.37 | 119738.46 | 118732.55 | 120353.79  | 1.66    | ppb   |
| Iron       | 56-2  | 116381.97 | 116687.05 | 117243.72 | 116770.91  | 0.37    | ppb   |
| Iron       | 57-2  | 118079.26 | 118047.50 | 116904.47 | 117677.08  | 0.57    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2522.03   | 2464.82   | 2547.34   | 2511.40    | 1.68    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 207-1 | 2575.31   | 2526.72   | 2530.86   | 2544.30    | 1.06    | ppb   |
| Lead       | 208-1 | 2555.15   | 2521.28   | 2511.80   | 2529.41    | 0.90    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 250192.27 | 242663.38 | 240719.69 | 244525.11  | 2.05    | ppb   |
| Manganese  | 55-2  | 4880.64   | 4908.68   | 4790.95   | 4860.09    | 1.27    | ppb   |
| Molybdenum | 94-1  | 4899.82   | 5022.81   | 4828.38   | 4917.00    | 2.00    | ppb   |
| Molybdenum | 95-1  | 4921.78   | 5105.80   | 4857.13   | 4961.57    | 2.60    | ppb   |
| Molybdenum | 96-1  | 5015.17   | 5086.98   | 4962.39   | 5021.51    | 1.25    | ppb   |
| Molybdenum | 97-1  | 4984.06   | 5029.71   | 5014.82   | 5009.53    | 0.46    | ppb   |
| Molybdenum | 98-1  | 4897.09   | 5005.78   | 4947.67   | 4950.18    | 1.10    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 463.32    | 463.32    | 434.84    | 453.83     | 3.62    | ppb   |
| Phosphorus | 31-2  | 10352.18  | 10317.58  | 10226.09  | 10298.62   | 0.63    | ppb   |
| Potassium  | 39-2  | 123525.81 | 121952.71 | 121097.32 | 122191.95  | 1.01    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 107        |         | %     |
| Selenium   | 82-1  | 485.73    | 491.86    | 479.57    | 485.72     | 1.27    | ppb   |
| Selenium   | 77-2  | 489.25    | 493.92    | 496.25    | 493.14     | 0.72    | ppb   |
| Selenium   | 78-2  | 486.02    | 488.54    | 475.45    | 483.34     | 1.44    | ppb   |
| Silicon    | 28-1  | 502.33    | 488.19    | 513.09    | 501.20     | 2.49    | ppb   |
| Silver     | 107-1 | 481.14    | 494.03    | 483.98    | 486.39     | 1.39    | ppb   |
| Silver     | 109-1 | 478.61    | 490.19    | 490.95    | 486.58     | 1.42    | ppb   |
| Sodium     | 23-2  | 248105.53 | 243654.82 | 247186.89 | 246315.75  | 0.95    | ppb   |
| Strontium  | 86-1  | 503.71    | 496.02    | 496.99    | 498.91     | 0.84    | ppb   |
| Strontium  | 88-1  | 493.67    | 508.44    | 497.42    | 499.84     | 1.54    | ppb   |
| Sulfur     | 34-1  | 10666.89  | 10197.54  | 9931.63   | 10265.35   | 3.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 500.00    | 491.71    | 507.03    | 499.58     | 1.54    | ppb   |
| Thallium   | 205-1 | 501.66    | 495.76    | 508.11    | 501.84     | 1.23    | ppb   |
| Tin        | 118-1 | 492.47    | 491.05    | 512.38    | 498.63     | 2.39    | ppb   |
| Titanium   | 47-1  | 5005.81   | 4899.93   | 4879.12   | 4928.28    | 1.38    | ppb   |
| Uranium    | 238-1 | 509.35    | 508.03    | 497.14    | 504.84     | 1.33    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 526.63  | 508.90  | 508.96  | 514.83     | 1.98    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 4597.31 | 4544.79 | 4609.59 | 4583.90    | 0.75    | ppb   |
| Zirconium | 90-1  | 492.23  | 500.04  | 488.28  | 493.52     | 1.21    | ppb   |
| Zirconium | 91-1  | 495.68  | 513.00  | 489.96  | 499.55     | 2.40    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.34    | 1.50    | 0.92    | 1.25       | 23.94   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.10    | 0.09    | 0.10       | 12.90   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.02    | 0.00       | 503.99  | ppb   |
| Barium     | 135-1 | 0.05    | 0.03    | 0.03    | 0.04       | 24.41   | ppb   |
| Barium     | 137-1 | 0.05    | 0.04    | 0.04    | 0.04       | 9.16    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.03    | 0.03    | 0.03       | 12.51   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.04    | 0.07    | 0.02    | 0.04       | 55.62   | ppb   |
| Cadmium    | 106-1 | 0.00    | 0.54    | 0.33    | 0.29       | 93.69   | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.06    | 0.04    | 0.04       | 48.40   | ppb   |
| Calcium    | 43-1  | 4.54    | 3.69    | 2.79    | 3.67       | 23.87   | ppb   |
| Calcium    | 44-1  | 10.88   | 7.88    | 8.87    | 9.21       | 16.56   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 9.52    | ppb   |
| Copper     | 63-2  | 0.12    | 0.12    | 0.09    | 0.11       | 13.64   | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 54-2  | 2.88    | 2.07    | 2.18    | 2.38       | 18.46   | ppb   |
| Iron       | 56-2  | 2.06    | 2.04    | 1.98    | 2.03       | 2.01    | ppb   |
| Iron       | 57-2  | 1.75    | 1.99    | 1.60    | 1.78       | 11.17   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.13    | 0.14       | 7.63    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD   | Units |
|------------|-------|---------|---------|---------|------------|-----------|-------|
| Lead       | 207-1 | 0.16    | 0.14    | 0.14    | 0.15       | 7.61      | ppb   |
| Lead       | 208-1 | 0.15    | 0.14    | 0.12    | 0.14       | 9.71      | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |           | %     |
| Magnesium  | 24-2  | 4.53    | 4.64    | 4.04    | 4.40       | 7.21      | ppb   |
| Manganese  | 55-2  | -8.31   | -8.35   | -8.34   | -8.34      |           | ppb   |
| Molybdenum | 94-1  | 0.24    | 0.22    | 0.19    | 0.22       | 12.20     | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.14    | 0.12    | 0.14       | 16.21     | ppb   |
| Molybdenum | 96-1  | 0.17    | 0.15    | 0.12    | 0.14       | 16.27     | ppb   |
| Molybdenum | 97-1  | 0.16    | 0.12    | 0.13    | 0.14       | 16.57     | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.13    | 0.12    | 0.14       | 15.83     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |           | cps   |
| Neodymium  | 150-2 |         |         |         |            |           | cps   |
| Nickel     | 60-2  | -0.03   | 0.00    | -0.01   | -0.01      |           | ppb   |
| Phosphorus | 31-2  | -21.38  | -14.59  | -16.44  | -17.47     |           | ppb   |
| Potassium  | 39-2  | 34.33   | 30.95   | 31.02   | 32.10      | 6.01      | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |           | %     |
| Rhodium    | 103-2 |         |         |         | 106        |           | %     |
| Scandium   | 45-1  |         |         |         | 112        |           | %     |
| Scandium   | 45-2  |         |         |         | 111        |           | %     |
| Selenium   | 82-1  | 0.02    | -0.13   | 0.11    | 0.00       | 181110.50 | ppb   |
| Selenium   | 77-2  | 0.25    | -0.14   | -0.14   | -0.01      |           | ppb   |
| Selenium   | 78-2  | 0.81    | 0.24    | 1.36    | 0.80       | 70.33     | ppb   |
| Silicon    | 28-1  | -1.10   | -2.94   | -2.20   | -2.08      |           | ppb   |
| Silver     | 107-1 | 0.05    | 0.05    | 0.04    | 0.05       | 11.65     | ppb   |
| Silver     | 109-1 | 0.05    | 0.04    | 0.04    | 0.05       | 11.38     | ppb   |
| Sodium     | 23-2  | 37.42   | 36.26   | 35.55   | 36.41      | 2.59      | ppb   |
| Strontium  | 86-1  | 0.02    | 0.01    | 0.01    | 0.01       | 45.92     | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 20.31     | ppb   |
| Sulfur     | 34-1  | 81.42   | -130.33 | 17.63   | -10.43     |           | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |           | %     |
| Terbium    | 159-2 |         |         |         | 104        |           | %     |
| Thallium   | 203-1 | 0.06    | 0.06    | 0.06    | 0.06       | 0.87      | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.05    | 0.06       | 11.24     | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.01   | -0.01      |           | ppb   |
| Titanium   | 47-1  | 0.18    | 0.15    | 0.12    | 0.15       | 19.77     | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 38.78     | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.00    | 0.01    | 0.01    | 0.00       | 78.14   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 0.29    | 0.27    | 0.27    | 0.27       | 3.92    | ppb   |
| Zirconium | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 11.40   | ppb   |
| Zirconium | 91-1  | 0.06    | 0.05    | 0.05    | 0.05       | 7.95    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.87   | 22.04   | 20.65   | 21.52      | 3.51    | ppb   |
| Antimony   | 121-1 | 2.08    | 2.14    | 2.14    | 2.12       | 1.67    | ppb   |
| Arsenic    | 75-2  | 1.20    | 1.06    | 1.05    | 1.10       | 7.85    | ppb   |
| Barium     | 135-1 | 10.26   | 10.33   | 10.44   | 10.34      | 0.87    | ppb   |
| Barium     | 137-1 | 10.42   | 10.68   | 10.53   | 10.54      | 1.23    | ppb   |
| Beryllium  | 9-1   | 1.19    | 1.21    | 1.23    | 1.21       | 1.72    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.98    | 1.27    | 1.09    | 1.12       | 13.12   | ppb   |
| Cadmium    | 106-1 | 1.32    | 1.38    | 0.97    | 1.22       | 17.93   | ppb   |
| Cadmium    | 111-1 | 1.11    | 1.19    | 1.14    | 1.15       | 3.41    | ppb   |
| Calcium    | 43-1  | 510.83  | 530.88  | 534.44  | 525.38     | 2.42    | ppb   |
| Calcium    | 44-1  | 529.46  | 533.00  | 525.27  | 529.24     | 0.73    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.11    | 2.16    | 2.12    | 2.13       | 1.28    | ppb   |
| Cobalt     | 59-2  | 1.15    | 1.11    | 1.12    | 1.13       | 1.81    | ppb   |
| Copper     | 63-2  | 2.25    | 2.22    | 2.20    | 2.22       | 1.09    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 58.01   | 57.12   | 57.30   | 57.48      | 0.82    | ppb   |
| Iron       | 56-2  | 55.58   | 55.32   | 54.77   | 55.22      | 0.75    | ppb   |
| Iron       | 57-2  | 58.26   | 54.81   | 53.95   | 55.67      | 4.09    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.03    | 1.03    | 1.03    | 1.03       | 0.37    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 1.07    | 1.05    | 1.03    | 1.05       | 1.96    | ppb   |
| Lead       | 208-1 | 1.05    | 1.04    | 1.03    | 1.04       | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 565.27  | 567.05  | 559.61  | 563.98     | 0.69    | ppb   |
| Manganese  | 55-2  | 0.98    | 1.14    | 1.23    | 1.11       | 11.57   | ppb   |
| Molybdenum | 94-1  | 6.08    | 6.01    | 6.14    | 6.08       | 1.08    | ppb   |
| Molybdenum | 95-1  | 5.04    | 5.07    | 5.04    | 5.05       | 0.35    | ppb   |
| Molybdenum | 96-1  | 5.17    | 5.23    | 5.25    | 5.22       | 0.88    | ppb   |
| Molybdenum | 97-1  | 5.26    | 5.08    | 5.04    | 5.13       | 2.31    | ppb   |
| Molybdenum | 98-1  | 5.01    | 5.11    | 5.08    | 5.07       | 1.07    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.15    | 1.03    | 1.07    | 1.08       | 5.89    | ppb   |
| Phosphorus | 31-2  | 17.45   | 18.53   | 20.46   | 18.81      | 8.11    | ppb   |
| Potassium  | 39-2  | 551.58  | 549.31  | 553.84  | 551.58     | 0.41    | ppb   |
| Rhodium    | 103-1 |         |         |         | 107        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 112        |         | %     |
| Scandium   | 45-2  |         |         |         | 109        |         | %     |
| Selenium   | 82-1  | 5.35    | 5.30    | 5.62    | 5.42       | 3.22    | ppb   |
| Selenium   | 77-2  | 8.78    | 7.62    | 4.53    | 6.98       | 31.47   | ppb   |
| Selenium   | 78-2  | 7.14    | 5.76    | 6.70    | 6.53       | 10.79   | ppb   |
| Silicon    | 28-1  | 3.98    | 4.37    | 4.21    | 4.19       | 4.71    | ppb   |
| Silver     | 107-1 | 1.08    | 1.08    | 1.10    | 1.08       | 1.05    | ppb   |
| Silver     | 109-1 | 1.06    | 1.07    | 1.09    | 1.07       | 1.37    | ppb   |
| Sodium     | 23-2  | 585.19  | 594.67  | 593.65  | 591.17     | 0.88    | ppb   |
| Strontium  | 86-1  | 1.02    | 1.05    | 1.03    | 1.03       | 1.67    | ppb   |
| Strontium  | 88-1  | 1.03    | 1.05    | 1.05    | 1.04       | 0.92    | ppb   |
| Sulfur     | 34-1  | 165.39  | 132.33  | 141.18  | 146.30     | 11.70   | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.03    | 1.02    | 1.01    | 1.02       | 0.84    | ppb   |
| Thallium   | 205-1 | 1.02    | 1.02    | 1.01    | 1.01       | 0.72    | ppb   |
| Tin        | 118-1 | 5.28    | 5.43    | 5.24    | 5.31       | 1.91    | ppb   |
| Titanium   | 47-1  | 5.12    | 5.16    | 5.24    | 5.17       | 1.19    | ppb   |
| Uranium    | 238-1 | 0.96    | 0.95    | 0.94    | 0.95       | 0.79    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 5.35    | 5.56    | 5.38    | 5.43       | 2.06    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 5.51    | 5.49    | 5.61    | 5.54       | 1.24    | ppb   |
| Zirconium | 90-1  | 1.03    | 1.05    | 1.03    | 1.04       | 1.20    | ppb   |
| Zirconium | 91-1  | 1.01    | 1.06    | 1.06    | 1.04       | 2.54    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1712.37  | 1711.76  | 1671.02  | 1698.38    | 1.40    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.02     | 0.01     | 0.01       | 16.06   | ppb   |
| Arsenic    | 75-2  | 0.14     | 0.15     | 0.20     | 0.16       | 20.66   | ppb   |
| Barium     | 135-1 | 4.74     | 4.88     | 4.71     | 4.78       | 1.96    | ppb   |
| Barium     | 137-1 | 4.73     | 4.89     | 4.71     | 4.78       | 2.10    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.03     | 0.04     | 0.03       | 8.77    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.03     | 0.05     | 0.04     | 0.04       | 29.19   | ppb   |
| Cadmium    | 106-1 | 0.40     | 0.66     | 0.47     | 0.51       | 26.16   | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.07     | 0.05     | 0.06       | 22.07   | ppb   |
| Calcium    | 43-1  | 7105.49  | 7093.56  | 6830.23  | 7009.76    | 2.22    | ppb   |
| Calcium    | 44-1  | 7084.32  | 6958.61  | 6911.82  | 6984.92    | 1.28    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.35     | 0.37     | 0.35     | 0.36       | 2.63    | ppb   |
| Cobalt     | 59-2  | 5.16     | 5.29     | 5.15     | 5.20       | 1.48    | ppb   |
| Copper     | 63-2  | 5.10     | 5.02     | 5.16     | 5.09       | 1.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 54-2  | 14195.00 | 14433.26 | 13820.87 | 14149.71   | 2.18    | ppb   |
| Iron       | 56-2  | 13982.01 | 14244.57 | 13600.89 | 13942.49   | 2.32    | ppb   |
| Iron       | 57-2  | 14148.73 | 14330.65 | 14366.05 | 14281.81   | 0.82    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.09     | 0.09     | 0.08     | 0.09       | 5.45    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.08     | 0.10     | 0.10     | 0.09       | 11.66   | ppb   |
| Lead       | 208-1 | 0.08     | 0.09     | 0.09     | 0.09       | 3.72    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 3464.22  | 3523.37  | 3446.24  | 3477.94    | 1.16    | ppb   |
| Manganese  | 55-2  | 192.15   | 194.29   | 191.75   | 192.73     | 0.71    | ppb   |
| Molybdenum | 94-1  | 0.06     | 0.06     | 0.06     | 0.06       | 1.59    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.02     | 0.02       | 13.76   | ppb   |
| Molybdenum | 96-1  | 0.08     | 0.07     | 0.08     | 0.08       | 6.24    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.61   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.01     | 0.02       | 4.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.93     | 3.87     | 3.75     | 3.85       | 2.50    | ppb   |
| Phosphorus | 31-2  | -4.62    | -11.76   | 3.08     | -4.44      |         | ppb   |
| Potassium  | 39-2  | 142.83   | 142.83   | 138.41   | 141.36     | 1.81    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 82-1  | 0.09     | 0.16     | 0.21     | 0.16       | 36.68   | ppb   |
| Selenium   | 77-2  | 3.92     | 5.72     | 4.26     | 4.63       | 20.72   | ppb   |
| Selenium   | 78-2  | 1.40     | 1.17     | 1.39     | 1.32       | 9.78    | ppb   |
| Silicon    | 28-1  | 2176.47  | 2134.97  | 2052.91  | 2121.45    | 2.96    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.37   | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.99    | ppb   |
| Sodium     | 23-2  | 1925.62  | 1885.96  | 1902.23  | 1904.60    | 1.05    | ppb   |
| Strontium  | 86-1  | 17.94    | 17.76    | 17.84    | 17.85      | 0.49    | ppb   |
| Strontium  | 88-1  | 19.12    | 18.51    | 18.96    | 18.86      | 1.69    | ppb   |
| Sulfur     | 34-1  | 16488.84 | 15895.31 | 14998.02 | 15794.06   | 4.75    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 5.81    | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 5.62    | ppb   |
| Tin        | 118-1 | 0.03     | 0.03     | 0.03     | 0.03       | 3.98    | ppb   |
| Titanium   | 47-1  | 0.23     | 0.23     | 0.22     | 0.22       | 2.89    | ppb   |
| Uranium    | 238-1 | 0.22     | 0.22     | 0.22     | 0.22       | 2.21    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 9.76    | 9.89    | 9.77    | 9.81       | 0.73    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 116        |         | %     |
| Yttrium   | 89-2  |         |         |         | 112        |         | %     |
| Zinc      | 66-2  | 35.64   | 35.91   | 35.13   | 35.56      | 1.11    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 4.73    | ppb   |
| Zirconium | 91-1  | 0.02    | 0.02    | 0.02    | 0.02       | 4.32    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1750.93  | 1760.81  | 1722.16  | 1744.63    | 1.15    | ppb   |
| Antimony   | 121-1 | 1.41     | 1.40     | 1.40     | 1.40       | 0.25    | ppb   |
| Arsenic    | 75-2  | 0.44     | 0.46     | 0.43     | 0.44       | 3.56    | ppb   |
| Barium     | 135-1 | 12.73    | 12.64    | 12.49    | 12.62      | 0.96    | ppb   |
| Barium     | 137-1 | 12.86    | 12.64    | 12.55    | 12.68      | 1.23    | ppb   |
| Beryllium  | 9-1   | 0.20     | 0.18     | 0.20     | 0.19       | 5.69    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.16     | 0.16     | 0.23     | 0.18       | 23.39   | ppb   |
| Cadmium    | 106-1 | 0.68     | 0.66     | 0.33     | 0.56       | 35.14   | ppb   |
| Cadmium    | 111-1 | 0.20     | 0.19     | 0.18     | 0.19       | 7.11    | ppb   |
| Calcium    | 43-1  | 33547.41 | 34184.45 | 34393.75 | 34041.87   | 1.29    | ppb   |
| Calcium    | 44-1  | 33343.30 | 33669.20 | 33822.74 | 33611.75   | 0.73    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.29     | 0.29     | 0.29     | 0.29       | 0.34    | ppb   |
| Cobalt     | 59-2  | 12.79    | 12.65    | 12.74    | 12.73      | 0.54    | ppb   |
| Copper     | 63-2  | 8.94     | 8.87     | 9.11     | 8.97       | 1.38    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 29699.91 | 30137.51 | 30420.47 | 30085.97   | 1.21    | ppb   |
| Iron       | 56-2  | 29920.72 | 29770.15 | 29772.99 | 29821.29   | 0.29    | ppb   |
| Iron       | 57-2  | 29970.05 | 30168.95 | 30230.83 | 30123.28   | 0.45    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.43     | 0.44     | 0.43     | 0.44       | 1.87    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.45     | 0.48     | 0.43     | 0.45       | 6.27    | ppb   |
| Lead       | 208-1 | 0.44     | 0.46     | 0.43     | 0.44       | 3.08    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 6744.06  | 6701.43  | 6784.13  | 6743.21    | 0.61    | ppb   |
| Manganese  | 55-2  | 754.68   | 783.93   | 779.83   | 772.81     | 2.05    | ppb   |
| Molybdenum | 94-1  | 0.11     | 0.13     | 0.16     | 0.14       | 19.62   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.04     | 0.05     | 0.05       | 7.12    | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.16     | 0.16     | 0.15       | 3.84    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.05     | 0.05     | 0.05       | 9.66    | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04     | 0.04     | 0.04       | 4.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.02     | 6.06     | 5.99     | 6.02       | 0.61    | ppb   |
| Phosphorus | 31-2  | 5.44     | 22.87    | -2.32    | 8.66       | 148.96  | ppb   |
| Potassium  | 39-2  | 374.00   | 370.96   | 366.83   | 370.59     | 0.97    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 82-1  | 0.33     | 0.29     | 0.40     | 0.34       | 16.04   | ppb   |
| Selenium   | 77-2  | 5.29     | 9.33     | 7.47     | 7.36       | 27.49   | ppb   |
| Selenium   | 78-2  | 2.87     | 2.13     | 3.19     | 2.73       | 19.86   | ppb   |
| Silicon    | 28-1  | 5000.02  | 4861.89  | 4902.58  | 4921.50    | 1.44    | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 4.30    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 4.65    | ppb   |
| Sodium     | 23-2  | 7490.81  | 7371.03  | 7385.83  | 7415.89    | 0.88    | ppb   |
| Strontium  | 86-1  | 53.14    | 52.78    | 54.13    | 53.35      | 1.31    | ppb   |
| Strontium  | 88-1  | 55.38    | 56.51    | 56.75    | 56.21      | 1.30    | ppb   |
| Sulfur     | 34-1  | 43883.46 | 43709.32 | 43172.68 | 43588.49   | 0.85    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.08     | 0.08     | 0.08       | 2.09    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.08     | 0.08       | 1.82    | ppb   |
| Tin        | 118-1 | 0.16     | 0.15     | 0.15     | 0.15       | 4.16    | ppb   |
| Titanium   | 47-1  | 0.44     | 0.43     | 0.48     | 0.45       | 6.07    | ppb   |
| Uranium    | 238-1 | 0.43     | 0.44     | 0.43     | 0.44       | 1.82    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 5.74    | 5.56    | 5.74    | 5.68       | 1.80    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 120        |         | %     |
| Yttrium   | 89-2  |         |         |         | 113        |         | %     |
| Zinc      | 66-2  | 88.39   | 88.76   | 89.39   | 88.85      | 0.57    | ppb   |
| Zirconium | 90-1  | 0.04    | 0.05    | 0.05    | 0.05       | 10.87   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.05    | 0.05    | 0.05       | 22.96   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2260.06  | 2280.07  | 2232.17  | 2257.43    | 1.07    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.01    | ppb   |
| Arsenic    | 75-2  | 0.27     | 0.32     | 0.27     | 0.28       | 10.64   | ppb   |
| Barium     | 135-1 | 12.21    | 12.26    | 12.45    | 12.31      | 1.00    | ppb   |
| Barium     | 137-1 | 12.25    | 12.27    | 12.45    | 12.32      | 0.88    | ppb   |
| Beryllium  | 9-1   | 0.10     | 0.10     | 0.09     | 0.10       | 6.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.06     | 0.08     | 0.10     | 0.08       | 23.82   | ppb   |
| Cadmium    | 106-1 | 0.27     | 0.40     | 0.37     | 0.35       | 19.21   | ppb   |
| Cadmium    | 111-1 | 0.07     | 0.08     | 0.07     | 0.07       | 6.15    | ppb   |
| Calcium    | 43-1  | 30407.40 | 32068.55 | 31471.61 | 31315.85   | 2.69    | ppb   |
| Calcium    | 44-1  | 30431.43 | 31569.26 | 31079.71 | 31026.80   | 1.84    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.24     | 0.26     | 0.22     | 0.24       | 7.68    | ppb   |
| Cobalt     | 59-2  | 11.84    | 12.14    | 11.75    | 11.91      | 1.75    | ppb   |
| Copper     | 63-2  | 9.55     | 9.72     | 9.32     | 9.53       | 2.10    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 30070.02 | 31154.76 | 29561.21 | 30261.99   | 2.69    | ppb   |
| Iron       | 56-2  | 30005.14 | 30767.17 | 29713.52 | 30161.94   | 1.80    | ppb   |
| Iron       | 57-2  | 30297.90 | 30872.66 | 29946.79 | 30372.45   | 1.54    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.14     | 0.12     | 0.13     | 0.13       | 9.80    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.12     | 0.13     | 0.13     | 0.13       | 3.51    | ppb   |
| Lead       | 208-1 | 0.13     | 0.12     | 0.12     | 0.12       | 2.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 6858.68  | 6952.50  | 6717.98  | 6843.05    | 1.72    | ppb   |
| Manganese  | 55-2  | 712.08   | 727.78   | 694.29   | 711.38     | 2.36    | ppb   |
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.05     | 0.05       | 6.05    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 18.14   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.13     | 0.12     | 0.13       | 3.20    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.79   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.01     | 0.01       | 7.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.66     | 5.86     | 5.72     | 5.75       | 1.78    | ppb   |
| Phosphorus | 31-2  | -18.56   | -17.97   | -17.87   | -18.13     |         | ppb   |
| Potassium  | 39-2  | 293.97   | 300.40   | 292.21   | 295.53     | 1.46    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 82-1  | 0.17     | 0.22     | 0.03     | 0.14       | 68.50   | ppb   |
| Selenium   | 77-2  | 5.65     | 12.54    | 5.32     | 7.84       | 52.02   | ppb   |
| Selenium   | 78-2  | 2.65     | 3.09     | 2.99     | 2.91       | 7.82    | ppb   |
| Silicon    | 28-1  | 4892.10  | 5034.39  | 4967.29  | 4964.59    | 1.43    | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 3.73    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.01       | 18.28   | ppb   |
| Sodium     | 23-2  | 5959.90  | 6020.27  | 5922.38  | 5967.52    | 0.83    | ppb   |
| Strontium  | 86-1  | 50.99    | 50.94    | 51.23    | 51.05      | 0.30    | ppb   |
| Strontium  | 88-1  | 52.12    | 54.28    | 53.76    | 53.39      | 2.11    | ppb   |
| Sulfur     | 34-1  | 42103.58 | 42480.72 | 41447.24 | 42010.51   | 1.24    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 10.68   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.27    | ppb   |
| Tin        | 118-1 | 0.02     | 0.03     | 0.03     | 0.03       | 22.29   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.43     | 0.41     | 0.42       | 1.98    | ppb   |
| Uranium    | 238-1 | 0.42     | 0.42     | 0.42     | 0.42       | 0.68    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 8.35    | 8.42    | 8.32    | 8.36       | 0.65    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 120        |         | %     |
| Yttrium   | 89-2  |         |         |         | 113        |         | %     |
| Zinc      | 66-2  | 72.40   | 73.84   | 72.61   | 72.95      | 1.06    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 4.81    | ppb   |
| Zirconium | 91-1  | 0.01    | 0.02    | 0.02    | 0.02       | 6.81    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1847.18  | 1867.84  | 1827.77  | 1847.60    | 1.08    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.67   | ppb   |
| Arsenic    | 75-2  | 0.25     | 0.26     | 0.20     | 0.24       | 13.52   | ppb   |
| Barium     | 135-1 | 11.60    | 11.78    | 11.50    | 11.63      | 1.23    | ppb   |
| Barium     | 137-1 | 11.60    | 11.89    | 11.76    | 11.75      | 1.25    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.06     | 0.06     | 0.06       | 4.13    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.05     | 0.03     | 0.01     | 0.03       | 72.77   | ppb   |
| Cadmium    | 106-1 | 0.28     | 0.53     | 0.01     | 0.27       | 96.90   | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.08     | 0.04     | 0.06       | 37.78   | ppb   |
| Calcium    | 43-1  | 35394.69 | 35138.23 | 35387.67 | 35306.86   | 0.41    | ppb   |
| Calcium    | 44-1  | 34571.78 | 34460.52 | 34277.80 | 34436.70   | 0.43    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.30     | 0.28     | 0.30     | 0.30       | 3.51    | ppb   |
| Cobalt     | 59-2  | 10.23    | 10.32    | 10.01    | 10.19      | 1.57    | ppb   |
| Copper     | 63-2  | 5.93     | 5.77     | 5.73     | 5.81       | 1.80    | 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 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 29768.63 | 29023.82 | 29157.50 | 29316.65   | 1.35    | ppb   |
| Iron       | 56-2  | 28679.52 | 28970.27 | 28864.33 | 28838.04   | 0.51    | ppb   |
| Iron       | 57-2  | 29410.81 | 29446.30 | 28892.25 | 29249.79   | 1.06    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.13     | 0.12     | 0.12     | 0.12       | 3.02    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.13     | 0.12     | 0.11     | 0.12       | 6.21    | ppb   |
| Lead       | 208-1 | 0.12     | 0.12     | 0.12     | 0.12       | 1.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 8216.35  | 8249.42  | 8135.70  | 8200.49    | 0.71    | ppb   |
| Manganese  | 55-2  | 747.92   | 752.51   | 747.78   | 749.40     | 0.36    | ppb   |
| Molybdenum | 94-1  | 0.06     | 0.07     | 0.08     | 0.07       | 12.39   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.03     | 0.03       | 7.98    | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.13     | 0.14     | 0.13       | 5.38    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 8.05    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 5.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.18     | 9.12     | 9.05     | 9.11       | 0.71    | ppb   |
| Phosphorus | 31-2  | -16.88   | -13.14   | -14.47   | -14.83     |         | ppb   |
| Potassium  | 39-2  | 310.07   | 311.83   | 311.19   | 311.03     | 0.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 82-1  | 0.24     | 0.35     | 0.08     | 0.22       | 59.13   | ppb   |
| Selenium   | 77-2  | 11.10    | 10.07    | 6.09     | 9.09       | 29.13   | ppb   |
| Selenium   | 78-2  | 1.69     | 1.59     | 3.13     | 2.14       | 40.13   | ppb   |
| Silicon    | 28-1  | 4505.45  | 4598.58  | 4562.84  | 4555.63    | 1.03    | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 19.91   | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 37.32   | ppb   |
| Sodium     | 23-2  | 8092.18  | 8158.32  | 8036.23  | 8095.58    | 0.75    | ppb   |
| Strontium  | 86-1  | 49.57    | 51.72    | 51.73    | 51.01      | 2.45    | ppb   |
| Strontium  | 88-1  | 53.07    | 53.47    | 52.70    | 53.08      | 0.73    | ppb   |
| Sulfur     | 34-1  | 45049.10 | 46003.98 | 46069.51 | 45707.53   | 1.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 18.90   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 2.13    | ppb   |
| Tin        | 118-1 | 0.03     | 0.03     | 0.03     | 0.03       | 7.36    | ppb   |
| Titanium   | 47-1  | 1.21     | 1.16     | 1.21     | 1.20       | 2.58    | ppb   |
| Uranium    | 238-1 | 0.36     | 0.37     | 0.37     | 0.37       | 0.86    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 16.88   | 16.94   | 16.62   | 16.81      | 1.01    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 113        |         | %     |
| Zinc      | 66-2  | 70.68   | 70.71   | 69.40   | 70.26      | 1.06    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.60    | ppb   |
| Zirconium | 91-1  | 0.03    | 0.02    | 0.02    | 0.02       | 12.85   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 662.68   | 665.61   | 655.00   | 661.09     | 0.83    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.15   | ppb   |
| Arsenic    | 75-2  | 0.16     | 0.16     | 0.18     | 0.17       | 7.65    | ppb   |
| Barium     | 135-1 | 11.36    | 11.89    | 12.01    | 11.75      | 2.95    | ppb   |
| Barium     | 137-1 | 11.45    | 11.80    | 12.05    | 11.77      | 2.55    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.06     | 0.05     | 0.06       | 6.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.06     | 0.08     | 0.06     | 0.07       | 19.19   | ppb   |
| Cadmium    | 106-1 | 0.18     | 0.20     | 0.30     | 0.23       | 28.72   | ppb   |
| Cadmium    | 111-1 | 0.06     | 0.07     | 0.07     | 0.07       | 7.44    | ppb   |
| Calcium    | 43-1  | 38206.08 | 38000.58 | 36955.24 | 37720.63   | 1.78    | ppb   |
| Calcium    | 44-1  | 37629.95 | 38187.19 | 36796.11 | 37537.75   | 1.87    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.16     | 0.11     | 0.11     | 0.13       | 20.90   | ppb   |
| Cobalt     | 59-2  | 20.05    | 19.41    | 19.65    | 19.70      | 1.64    | ppb   |
| Copper     | 63-2  | 4.88     | 4.73     | 4.77     | 4.80       | 1.60    | 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 |          |          |          | 103        |         | %     |
| Iron       | 54-2  | 21746.25 | 21718.19 | 21880.30 | 21781.58   | 0.40    | ppb   |
| Iron       | 56-2  | 21721.69 | 21159.80 | 21223.56 | 21368.35   | 1.44    | ppb   |
| Iron       | 57-2  | 22086.89 | 21793.66 | 22095.73 | 21992.09   | 0.78    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.06     | 0.07     | 0.07       | 8.10    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.07     | 0.07     | 0.06     | 0.07       | 1.35    | ppb   |
| Lead       | 208-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 6482.44  | 6312.10  | 6284.16  | 6359.57    | 1.69    | ppb   |
| Manganese  | 55-2  | 1215.96  | 1185.60  | 1182.25  | 1194.61    | 1.55    | ppb   |
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.06     | 0.06       | 7.96    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 7.97    | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.10     | 0.10     | 0.10       | 0.31    | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.01     | 0.01       | 14.96   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.01     | 0.01       | 14.53   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.34     | 7.20     | 7.35     | 7.30       | 1.11    | ppb   |
| Phosphorus | 31-2  | -21.42   | -18.52   | -15.79   | -18.58     |         | ppb   |
| Potassium  | 39-2  | 327.69   | 321.14   | 323.23   | 324.02     | 1.03    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 82-1  | 0.07     | -0.01    | 0.27     | 0.11       | 133.57  | ppb   |
| Selenium   | 77-2  | 5.03     | 8.30     | 4.65     | 5.99       | 33.42   | ppb   |
| Selenium   | 78-2  | 1.73     | 1.17     | 1.73     | 1.54       | 20.86   | ppb   |
| Silicon    | 28-1  | 4168.81  | 4158.03  | 4035.95  | 4120.93    | 1.79    | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 30.04   | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 18.46   | ppb   |
| Sodium     | 23-2  | 5909.74  | 5783.93  | 5790.57  | 5828.08    | 1.21    | ppb   |
| Strontium  | 86-1  | 65.71    | 65.46    | 64.22    | 65.13      | 1.23    | ppb   |
| Strontium  | 88-1  | 68.17    | 69.07    | 67.11    | 68.11      | 1.44    | ppb   |
| Sulfur     | 34-1  | 40938.46 | 40243.50 | 39093.01 | 40091.66   | 2.32    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.02    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.94    | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.03     | 0.04       | 21.18   | ppb   |
| Titanium   | 47-1  | 0.35     | 0.33     | 0.36     | 0.35       | 4.30    | ppb   |
| Uranium    | 238-1 | 0.24     | 0.25     | 0.25     | 0.24       | 1.66    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 1.50    | 1.44    | 1.46    | 1.47       | 2.13    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 117        |         | %     |
| Yttrium   | 89-2  |         |         |         | 112        |         | %     |
| Zinc      | 66-2  | 78.05   | 76.36   | 77.87   | 77.42      | 1.20    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 8.43    | ppb   |
| Zirconium | 91-1  | 0.02    | 0.02    | 0.01    | 0.02       | 13.89   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 695.75   | 671.37   | 663.40   | 676.84     | 2.49    | ppb   |
| Antimony   | 121-1 | 0.02     | 0.01     | 0.02     | 0.02       | 24.00   | ppb   |
| Arsenic    | 75-2  | 0.25     | 0.21     | 0.23     | 0.23       | 8.25    | ppb   |
| Barium     | 135-1 | 11.80    | 12.66    | 17.59    | 14.02      | 22.29   | ppb   |
| Barium     | 137-1 | 11.85    | 12.50    | 18.04    | 14.13      | 24.05   | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.06     | 0.10     | 0.07       | 30.71   | ppb   |
| Bismuth    | 209-1 |          |          |          | 89         |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.08     | 0.09     | 0.11     | 0.09       | 14.60   | ppb   |
| Cadmium    | 106-1 | -0.02    | 0.51     | 0.58     | 0.36       | 92.26   | ppb   |
| Cadmium    | 111-1 | 0.06     | 0.10     | 0.12     | 0.09       | 33.89   | ppb   |
| Calcium    | 43-1  | 37405.41 | 39643.03 | 58179.22 | 45075.88   | 25.30   | ppb   |
| Calcium    | 44-1  | 36484.62 | 38494.82 | 56920.66 | 43966.70   | 25.62   | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 0.10     | 0.10     | 0.11     | 0.10       | 7.89    | ppb   |
| Cobalt     | 59-2  | 20.33    | 20.03    | 20.45    | 20.27      | 1.07    | ppb   |
| Copper     | 63-2  | 4.87     | 4.88     | 4.89     | 4.88       | 0.15    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 95         |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 54-2  | 22512.96 | 21973.82 | 22222.77 | 22236.52   | 1.21    | ppb   |
| Iron       | 56-2  | 21748.85 | 21718.95 | 22131.44 | 21866.41   | 1.05    | ppb   |
| Iron       | 57-2  | 22479.04 | 22523.93 | 22325.39 | 22442.79   | 0.46    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.08     | 0.09     | 0.15     | 0.11       | 31.61   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 0.09     | 0.10     | 0.13     | 0.11       | 22.62   | ppb   |
| Lead       | 208-1 | 0.08     | 0.10     | 0.14     | 0.11       | 27.32   | ppb   |
| Lithium    | 6-1   |          |          |          | 83         |         | %     |
| Magnesium  | 24-2  | 6651.03  | 6563.02  | 6524.54  | 6579.53    | 0.99    | ppb   |
| Manganese  | 55-2  | 1218.40  | 1211.60  | 1219.88  | 1216.63    | 0.36    | ppb   |
| Molybdenum | 94-1  | 0.04     | 0.05     | 0.08     | 0.06       | 39.39   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.03     | 0.03       | 29.02   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.10     | 0.15     | 0.11       | 27.04   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.02     | 0.02       | 47.41   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.02     | 0.01       | 40.39   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.26     | 7.40     | 7.49     | 7.39       | 1.55    | ppb   |
| Phosphorus | 31-2  | -20.67   | -27.03   | -23.40   | -23.70     |         | ppb   |
| Potassium  | 39-2  | 343.00   | 333.84   | 338.29   | 338.38     | 1.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 82-1  | 0.07     | 0.13     | 0.28     | 0.16       | 67.91   | ppb   |
| Selenium   | 77-2  | 6.76     | 5.81     | 7.50     | 6.69       | 12.64   | ppb   |
| Selenium   | 78-2  | 2.05     | 2.19     | 1.92     | 2.05       | 6.49    | ppb   |
| Silicon    | 28-1  | 4036.83  | 4107.33  | 6352.48  | 4832.21    | 27.26   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 33.62   | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 26.86   | ppb   |
| Sodium     | 23-2  | 6041.58  | 5953.11  | 5961.94  | 5985.54    | 0.81    | ppb   |
| Strontium  | 86-1  | 64.65    | 67.49    | 93.75    | 75.30      | 21.31   | ppb   |
| Strontium  | 88-1  | 66.97    | 70.97    | 97.03    | 78.32      | 20.84   | ppb   |
| Sulfur     | 34-1  | 39421.41 | 41378.25 | 63686.36 | 48162.01   | 27.99   | ppb   |
| Terbium    | 159-1 |          |          |          | 92         |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 21.09   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 37.76   | ppb   |
| Tin        | 118-1 | 0.03     | 0.05     | 0.12     | 0.07       | 74.21   | ppb   |
| Titanium   | 47-1  | 0.36     | 0.32     | 0.52     | 0.40       | 26.13   | ppb   |
| Uranium    | 238-1 | 0.23     | 0.26     | 0.36     | 0.29       | 24.40   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUP Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 1.49    | 1.45    | 1.57    | 1.50       | 4.03    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 80.30   | 78.57   | 79.85   | 79.57      | 1.12    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 41.25   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.02    | 0.03    | 0.02       | 34.97   | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 134.54  | 136.30  | 133.47  | 134.77     | 1.06    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.15    | 0.16    | 0.16       | 0.83    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.04    | 0.03       | 16.10   | ppb   |
| Barium     | 135-1 | 2.45    | 2.45    | 2.43    | 2.44       | 0.48    | ppb   |
| Barium     | 137-1 | 2.38    | 2.41    | 2.44    | 2.41       | 1.24    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 29.59   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.04    | 0.08    | 0.03    | 0.05       | 47.62   | ppb   |
| Cadmium    | 106-1 | 0.04    | 0.16    | 0.01    | 0.07       | 111.70  | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.02    | 0.01    | 0.01       | 54.77   | ppb   |
| Calcium    | 43-1  | 7664.31 | 7867.14 | 7799.31 | 7776.92    | 1.33    | ppb   |
| Calcium    | 44-1  | 7690.12 | 7739.83 | 7760.98 | 7730.31    | 0.47    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.05    | 0.04    | 0.04    | 0.04       | 19.88   | ppb   |
| Cobalt     | 59-2  | 4.11    | 4.08    | 4.06    | 4.08       | 0.72    | ppb   |
| Copper     | 63-2  | 1.02    | 0.97    | 0.99    | 0.99       | 2.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | 4379.90 | 4322.29 | 4301.26 | 4334.48    | 0.94    | ppb   |
| Iron       | 56-2  | 4434.50 | 4386.45 | 4275.64 | 4365.53    | 1.87    | ppb   |
| Iron       | 57-2  | 4305.02 | 4273.16 | 4223.90 | 4267.36    | 0.96    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.02    | 0.02       | 9.10    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.03    | 0.03    | 0.02    | 0.03       | 11.97   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.52   | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-2  | 1306.13 | 1288.19 | 1295.59 | 1296.64    | 0.70    | ppb   |
| Manganese  | 55-2  | 236.17  | 235.31  | 231.45  | 234.31     | 1.07    | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.03    | 0.02       | 9.30    | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.83    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 15.91   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | 0.00    | 0.00       | 107.20  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 143.05  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.53    | 1.48    | 1.49    | 1.50       | 1.76    | ppb   |
| Phosphorus | 31-2  | -21.79  | -23.14  | -10.10  | -18.34     |         | ppb   |
| Potassium  | 39-2  | 91.69   | 92.72   | 91.70   | 92.04      | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 114        |         | %     |
| Scandium   | 45-2  |         |         |         | 112        |         | %     |
| Selenium   | 82-1  | 0.07    | 0.17    | 0.02    | 0.09       | 91.33   | ppb   |
| Selenium   | 77-2  | 0.62    | 1.00    | 1.39    | 1.00       | 38.56   | ppb   |
| Selenium   | 78-2  | -0.01   | 0.67    | 1.13    | 0.60       | 95.88   | ppb   |
| Silicon    | 28-1  | 824.29  | 864.83  | 839.52  | 842.88     | 2.43    | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 89.84   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 8.60    | ppb   |
| Sodium     | 23-2  | 1222.18 | 1206.47 | 1214.64 | 1214.43    | 0.65    | ppb   |
| Strontium  | 86-1  | 13.97   | 13.77   | 14.11   | 13.95      | 1.24    | ppb   |
| Strontium  | 88-1  | 14.28   | 13.84   | 13.96   | 14.03      | 1.62    | ppb   |
| Sulfur     | 34-1  | 7863.18 | 8415.07 | 8227.99 | 8168.75    | 3.44    | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 32.69   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.57   | ppb   |
| Tin        | 118-1 | 0.01    | 0.02    | 0.02    | 0.01       | 22.56   | ppb   |
| Titanium   | 47-1  | 0.10    | 0.10    | 0.09    | 0.10       | 10.90   | ppb   |
| Uranium    | 238-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.87    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.33    | 0.29    | 0.27    | 0.30       | 9.44    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 112        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 15.96   | 16.06   | 15.74   | 15.92      | 1.02    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 34.65   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.01    | 0.01    | 0.01       | 8.33    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49322.88  | 49586.54  | 48687.18  | 49198.87   | 0.94    | ppb   |
| Antimony   | 121-1 | 522.54    | 529.94    | 522.36    | 524.95     | 0.82    | ppb   |
| Arsenic    | 75-2  | 511.90    | 513.76    | 514.45    | 513.37     | 0.26    | ppb   |
| Barium     | 135-1 | 2622.71   | 2619.39   | 2562.08   | 2601.39    | 1.31    | ppb   |
| Barium     | 137-1 | 2641.48   | 2634.52   | 2542.39   | 2606.13    | 2.12    | ppb   |
| Beryllium  | 9-1   | 575.43    | 524.12    | 532.92    | 544.16     | 5.04    | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 518.86    | 517.68    | 506.07    | 514.20     | 1.37    | ppb   |
| Cadmium    | 106-1 | 515.53    | 523.99    | 510.74    | 516.76     | 1.30    | ppb   |
| Cadmium    | 111-1 | 535.23    | 522.45    | 502.23    | 519.97     | 3.20    | ppb   |
| Calcium    | 43-1  | 251295.19 | 252891.80 | 249605.76 | 251264.25  | 0.65    | ppb   |
| Calcium    | 44-1  | 250154.97 | 249198.06 | 244339.44 | 247897.49  | 1.26    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 510.12    | 512.61    | 506.92    | 509.88     | 0.56    | ppb   |
| Cobalt     | 59-2  | 489.26    | 492.31    | 487.56    | 489.71     | 0.49    | ppb   |
| Copper     | 63-2  | 4557.50   | 4679.01   | 4684.99   | 4640.50    | 1.55    | 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 |           |           |           | 95         |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 54-2  | 120272.29 | 121636.70 | 120830.73 | 120913.24  | 0.57    | ppb   |
| Iron       | 56-2  | 118812.07 | 121457.99 | 119456.05 | 119908.71  | 1.15    | ppb   |
| Iron       | 57-2  | 121191.27 | 123075.03 | 121051.56 | 121772.62  | 0.93    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2566.54   | 2545.48   | 2546.45   | 2552.82    | 0.47    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 207-1 | 2579.68   | 2551.69   | 2548.94   | 2560.11    | 0.66    | ppb   |
| Lead       | 208-1 | 2576.04   | 2528.17   | 2537.98   | 2547.40    | 0.99    | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 254971.59 | 256099.71 | 252277.76 | 254449.69  | 0.77    | ppb   |
| Manganese  | 55-2  | 5014.27   | 5024.50   | 4989.81   | 5009.53    | 0.36    | ppb   |
| Molybdenum | 94-1  | 5043.57   | 4952.06   | 5015.74   | 5003.79    | 0.94    | ppb   |
| Molybdenum | 95-1  | 5110.02   | 4860.72   | 5022.71   | 4997.82    | 2.53    | ppb   |
| Molybdenum | 96-1  | 5042.24   | 4871.97   | 5018.02   | 4977.41    | 1.85    | ppb   |
| Molybdenum | 97-1  | 5019.98   | 4949.09   | 4984.14   | 4984.40    | 0.71    | ppb   |
| Molybdenum | 98-1  | 4991.50   | 4973.03   | 5044.55   | 5003.03    | 0.74    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 469.15    | 488.23    | 479.14    | 478.84     | 1.99    | ppb   |
| Phosphorus | 31-2  | 10476.68  | 10477.65  | 10487.09  | 10480.47   | 0.05    | ppb   |
| Potassium  | 39-2  | 123261.86 | 121918.99 | 122325.58 | 122502.14  | 0.56    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 106        |         | %     |
| Selenium   | 82-1  | 495.85    | 475.78    | 482.28    | 484.64     | 2.11    | ppb   |
| Selenium   | 77-2  | 490.80    | 515.34    | 485.65    | 497.26     | 3.19    | ppb   |
| Selenium   | 78-2  | 502.09    | 517.58    | 507.42    | 509.03     | 1.55    | ppb   |
| Silicon    | 28-1  | 522.57    | 530.36    | 522.05    | 524.99     | 0.89    | ppb   |
| Silver     | 107-1 | 504.99    | 506.79    | 502.29    | 504.69     | 0.45    | ppb   |
| Silver     | 109-1 | 509.79    | 504.75    | 487.27    | 500.60     | 2.36    | ppb   |
| Sodium     | 23-2  | 257147.68 | 258883.16 | 257009.78 | 257680.21  | 0.41    | ppb   |
| Strontium  | 86-1  | 509.98    | 501.94    | 508.76    | 506.89     | 0.86    | ppb   |
| Strontium  | 88-1  | 511.69    | 500.25    | 497.58    | 503.17     | 1.49    | ppb   |
| Sulfur     | 34-1  | 11552.93  | 11132.86  | 10800.39  | 11162.06   | 3.38    | ppb   |
| Terbium    | 159-1 |           |           |           | 96         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 510.87    | 511.27    | 516.65    | 512.93     | 0.63    | ppb   |
| Thallium   | 205-1 | 515.45    | 509.86    | 508.84    | 511.38     | 0.70    | ppb   |
| Tin        | 118-1 | 528.13    | 522.86    | 518.36    | 523.12     | 0.94    | ppb   |
| Titanium   | 47-1  | 5119.56   | 5220.87   | 5053.09   | 5131.17    | 1.65    | ppb   |
| Uranium    | 238-1 | 517.61    | 509.26    | 508.70    | 511.86     | 0.97    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 518.90  | 513.98  | 515.26  | 516.05     | 0.50    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 4560.38 | 4663.47 | 4693.01 | 4638.95    | 1.50    | ppb   |
| Zirconium | 90-1  | 511.20  | 499.17  | 501.92  | 504.09     | 1.25    | ppb   |
| Zirconium | 91-1  | 512.04  | 498.68  | 507.35  | 506.02     | 1.34    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.55    | 0.84    | 0.91    | 1.10       | 35.75   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.04    | 0.06       | 26.59   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.03    | 0.02    | 0.03    | 0.03       | 15.92   | ppb   |
| Barium     | 137-1 | 0.03    | 0.02    | 0.02    | 0.03       | 12.93   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 12.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.06    | 0.02    | 0.00    | 0.03       | 128.57  | ppb   |
| Cadmium    | 106-1 | 0.37    | 0.14    | 0.31    | 0.27       | 44.28   | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.02    | 0.03    | 0.03       | 27.58   | ppb   |
| Calcium    | 43-1  | 1.69    | 1.24    | 1.90    | 1.61       | 20.93   | ppb   |
| Calcium    | 44-1  | 7.20    | 6.72    | 8.15    | 7.36       | 9.92    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.02    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 3.62    | ppb   |
| Copper     | 63-2  | 0.05    | 0.05    | 0.07    | 0.06       | 19.54   | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 1.20    | 1.27    | 1.81    | 1.43       | 23.29   | ppb   |
| Iron       | 56-2  | 1.29    | 1.21    | 1.11    | 1.20       | 7.69    | ppb   |
| Iron       | 57-2  | 1.80    | 1.56    | 1.18    | 1.51       | 20.46   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.09    | 0.08    | 0.08    | 0.08       | 8.30    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.09    | 0.09    | 0.09    | 0.09       | 2.49    | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.08    | 0.08       | 5.77    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 3.39    | 3.47    | 3.06    | 3.31       | 6.47    | ppb   |
| Manganese  | 55-2  | -8.32   | -8.38   | -8.36   | -8.35      |         | ppb   |
| Molybdenum | 94-1  | 0.15    | 0.14    | 0.15    | 0.15       | 3.93    | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.08    | 0.07    | 0.08       | 12.10   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.08    | 0.08    | 0.08       | 3.99    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.06    | 0.06    | 0.07       | 15.61   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.07    | 0.06    | 0.07       | 12.15   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.01    | 0.00       | 160.60  | ppb   |
| Phosphorus | 31-2  | -22.56  | -19.60  | -22.34  | -21.50     |         | ppb   |
| Potassium  | 39-2  | 37.17   | 37.15   | 34.13   | 36.15      | 4.84    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 111        |         | %     |
| Scandium   | 45-2  |         |         |         | 111        |         | %     |
| Selenium   | 82-1  | 0.13    | -0.09   | 0.05    | 0.03       | 365.25  | ppb   |
| Selenium   | 77-2  | -0.14   | -0.14   | 0.25    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.46    | 0.24    | 0.70    | 0.47       | 50.13   | ppb   |
| Silicon    | 28-1  | -3.92   | -3.52   | -2.10   | -3.18      |         | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.23    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.65    | ppb   |
| Sodium     | 23-2  | 41.41   | 37.79   | 36.29   | 38.49      | 6.83    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.02    | 0.02    | 0.01       | 25.61   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 18.80   | ppb   |
| Sulfur     | 34-1  | 28.99   | 47.51   | 374.25  | 150.25     | 129.26  | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.03    | 0.03       | 8.78    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.22    | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.09    | 0.07    | 0.10    | 0.09       | 21.50   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 32.88   | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 63.75   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 0.18    | 0.27    | 0.20    | 0.22       | 21.61   | ppb   |
| Zirconium | 90-1  | 0.04    | 0.04    | 0.04    | 0.04       | 3.13    | ppb   |
| Zirconium | 91-1  | 0.05    | 0.03    | 0.04    | 0.04       | 15.82   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1607.31  | 1602.19  | 1603.40  | 1604.30    | 0.17    | ppb   |
| Antimony   | 121-1 | 50.39    | 51.17    | 51.41    | 50.99      | 1.04    | ppb   |
| Arsenic    | 75-2  | 0.22     | 0.24     | 0.21     | 0.22       | 6.86    | ppb   |
| Barium     | 135-1 | 247.14   | 252.07   | 250.61   | 249.94     | 1.01    | ppb   |
| Barium     | 137-1 | 246.28   | 251.11   | 249.44   | 248.94     | 0.99    | ppb   |
| Beryllium  | 9-1   | 56.96    | 56.11    | 53.49    | 55.52      | 3.25    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 51.59    | 52.17    | 50.89    | 51.55      | 1.24    | ppb   |
| Cadmium    | 106-1 | 52.62    | 54.32    | 54.37    | 53.77      | 1.85    | ppb   |
| Cadmium    | 111-1 | 51.41    | 52.10    | 52.61    | 52.04      | 1.16    | ppb   |
| Calcium    | 43-1  | 42208.58 | 42819.90 | 43072.71 | 42700.40   | 1.04    | ppb   |
| Calcium    | 44-1  | 41986.02 | 41417.69 | 41503.28 | 41635.66   | 0.74    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 50.08    | 49.35    | 49.60    | 49.68      | 0.75    | ppb   |
| Cobalt     | 59-2  | 71.13    | 70.32    | 70.59    | 70.68      | 0.58    | ppb   |
| Copper     | 63-2  | 540.86   | 545.68   | 528.37   | 538.30     | 1.66    | 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 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 24179.01 | 23403.45 | 23466.26 | 23682.91   | 1.82    | ppb   |
| Iron       | 56-2  | 23815.96 | 23764.11 | 23943.20 | 23841.09   | 0.39    | ppb   |
| Iron       | 57-2  | 24387.56 | 24569.40 | 23975.87 | 24310.94   | 1.25    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 248.17   | 248.19   | 245.19   | 247.19     | 0.70    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 253.80   | 254.82   | 251.79   | 253.47     | 0.61    | ppb   |
| Lead       | 208-1 | 250.83   | 250.37   | 248.33   | 249.84     | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 11737.71 | 11565.25 | 11669.24 | 11657.40   | 0.74    | ppb   |
| Manganese  | 55-2  | 1718.07  | 1691.17  | 1727.88  | 1712.37    | 1.11    | ppb   |
| Molybdenum | 94-1  | 224.41   | 228.33   | 231.77   | 228.17     | 1.61    | ppb   |
| Molybdenum | 95-1  | 172.30   | 172.38   | 175.26   | 173.31     | 0.97    | ppb   |
| Molybdenum | 96-1  | 175.98   | 178.62   | 182.78   | 179.13     | 1.91    | ppb   |
| Molybdenum | 97-1  | 169.74   | 172.47   | 172.45   | 171.55     | 0.91    | ppb   |
| Molybdenum | 98-1  | 168.03   | 170.45   | 171.60   | 170.03     | 1.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 57.62    | 56.94    | 56.71    | 57.09      | 0.83    | ppb   |
| Phosphorus | 31-2  | -18.71   | -16.45   | -27.42   | -20.86     |         | ppb   |
| Potassium  | 39-2  | 2665.52  | 2630.92  | 2630.06  | 2642.17    | 0.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 82-1  | 47.33    | 49.71    | 49.38    | 48.81      | 2.64    | ppb   |
| Selenium   | 77-2  | 56.41    | 57.23    | 56.61    | 56.75      | 0.75    | ppb   |
| Selenium   | 78-2  | 49.10    | 54.08    | 51.34    | 51.50      | 4.84    | ppb   |
| Silicon    | 28-1  | 4110.94  | 4111.56  | 4066.28  | 4096.26    | 0.63    | ppb   |
| Silver     | 107-1 | 7.30     | 7.46     | 7.57     | 7.44       | 1.83    | ppb   |
| Silver     | 109-1 | 7.33     | 7.62     | 7.48     | 7.48       | 1.95    | ppb   |
| Sodium     | 23-2  | 11396.83 | 11283.90 | 11022.68 | 11234.47   | 1.71    | ppb   |
| Strontium  | 86-1  | 117.24   | 117.84   | 118.21   | 117.77     | 0.42    | ppb   |
| Strontium  | 88-1  | 121.94   | 122.63   | 123.56   | 122.71     | 0.66    | ppb   |
| Sulfur     | 34-1  | 40156.44 | 40932.55 | 39660.14 | 40249.71   | 1.59    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 46.32    | 46.33    | 46.15    | 46.27      | 0.21    | ppb   |
| Thallium   | 205-1 | 48.50    | 49.49    | 48.85    | 48.95      | 1.03    | ppb   |
| Tin        | 118-1 | 45.31    | 46.39    | 45.81    | 45.84      | 1.18    | ppb   |
| Titanium   | 47-1  | 0.52     | 0.51     | 0.46     | 0.50       | 6.81    | ppb   |
| Uranium    | 238-1 | 46.98    | 47.95    | 47.18    | 47.37      | 1.07    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 54.58   | 53.99   | 53.67   | 54.08      | 0.86    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 112        |         | %     |
| Zinc      | 66-2  | 585.23  | 573.56  | 578.15  | 578.98     | 1.02    | ppb   |
| Zirconium | 90-1  | 47.18   | 47.29   | 47.09   | 47.19      | 0.22    | ppb   |
| Zirconium | 91-1  | 44.56   | 44.84   | 45.66   | 45.02      | 1.28    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1649.72  | 1665.80  | 1673.74  | 1663.09    | 0.74    | ppb   |
| Antimony   | 121-1 | 54.28    | 52.03    | 53.62    | 53.31      | 2.17    | ppb   |
| Arsenic    | 75-2  | 0.25     | 0.26     | 0.21     | 0.24       | 10.01   | ppb   |
| Barium     | 135-1 | 270.04   | 255.65   | 261.14   | 262.28     | 2.77    | ppb   |
| Barium     | 137-1 | 266.87   | 247.05   | 266.98   | 260.30     | 4.41    | ppb   |
| Beryllium  | 9-1   | 57.58    | 56.68    | 59.20    | 57.82      | 2.21    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 54.72    | 52.12    | 54.51    | 53.78      | 2.68    | ppb   |
| Cadmium    | 106-1 | 57.26    | 54.44    | 57.09    | 56.27      | 2.81    | ppb   |
| Cadmium    | 111-1 | 55.03    | 53.12    | 54.36    | 54.17      | 1.79    | ppb   |
| Calcium    | 43-1  | 44558.34 | 43102.64 | 43619.55 | 43760.18   | 1.69    | ppb   |
| Calcium    | 44-1  | 43937.81 | 43279.63 | 43335.93 | 43517.79   | 0.84    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 51.69    | 50.72    | 51.18    | 51.20      | 0.94    | ppb   |
| Cobalt     | 59-2  | 71.61    | 72.30    | 73.98    | 72.63      | 1.68    | ppb   |
| Copper     | 63-2  | 559.91   | 550.43   | 568.64   | 559.66     | 1.63    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 23973.65 | 24375.96 | 24409.20 | 24252.93   | 1.00    | ppb   |
| Iron       | 56-2  | 23967.72 | 23852.00 | 24401.08 | 24073.60   | 1.20    | ppb   |
| Iron       | 57-2  | 24331.06 | 24343.69 | 25103.28 | 24592.68   | 1.80    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 260.70   | 255.97   | 264.58   | 260.41     | 1.66    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 266.69   | 262.16   | 277.51   | 268.79     | 2.93    | ppb   |
| Lead       | 208-1 | 261.76   | 256.62   | 267.82   | 262.06     | 2.14    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 11908.29 | 11946.28 | 11870.99 | 11908.52   | 0.32    | ppb   |
| Manganese  | 55-2  | 1708.35  | 1725.77  | 1731.97  | 1722.03    | 0.71    | ppb   |
| Molybdenum | 94-1  | 231.73   | 233.03   | 229.80   | 231.52     | 0.70    | ppb   |
| Molybdenum | 95-1  | 178.42   | 176.89   | 175.90   | 177.07     | 0.72    | ppb   |
| Molybdenum | 96-1  | 185.19   | 185.08   | 180.19   | 183.49     | 1.56    | ppb   |
| Molybdenum | 97-1  | 182.33   | 178.30   | 176.98   | 179.20     | 1.56    | ppb   |
| Molybdenum | 98-1  | 178.19   | 176.30   | 174.48   | 176.32     | 1.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 58.26    | 58.42    | 59.38    | 58.69      | 1.03    | ppb   |
| Phosphorus | 31-2  | -17.46   | -16.04   | -18.96   | -17.49     |         | ppb   |
| Potassium  | 39-2  | 2683.38  | 2731.14  | 2724.20  | 2712.91    | 0.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 112        |         | %     |
| Selenium   | 82-1  | 51.39    | 49.70    | 49.44    | 50.18      | 2.11    | ppb   |
| Selenium   | 77-2  | 56.18    | 51.41    | 55.21    | 54.27      | 4.65    | ppb   |
| Selenium   | 78-2  | 52.67    | 51.04    | 52.11    | 51.94      | 1.59    | ppb   |
| Silicon    | 28-1  | 4118.33  | 4171.11  | 4171.26  | 4153.57    | 0.73    | ppb   |
| Silver     | 107-1 | 7.82     | 7.67     | 7.88     | 7.79       | 1.42    | ppb   |
| Silver     | 109-1 | 7.86     | 7.57     | 7.88     | 7.77       | 2.21    | ppb   |
| Sodium     | 23-2  | 11408.00 | 11475.65 | 11652.29 | 11511.98   | 1.10    | ppb   |
| Strontium  | 86-1  | 121.57   | 124.21   | 122.29   | 122.69     | 1.11    | ppb   |
| Strontium  | 88-1  | 127.74   | 131.10   | 126.53   | 128.46     | 1.85    | ppb   |
| Sulfur     | 34-1  | 41224.71 | 40865.59 | 41284.91 | 41125.07   | 0.55    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 48.97    | 47.93    | 50.01    | 48.97      | 2.13    | ppb   |
| Thallium   | 205-1 | 51.97    | 51.94    | 52.83    | 52.25      | 0.97    | ppb   |
| Tin        | 118-1 | 48.71    | 46.78    | 48.10    | 47.86      | 2.06    | ppb   |
| Titanium   | 47-1  | 0.51     | 0.49     | 0.49     | 0.50       | 2.58    | ppb   |
| Uranium    | 238-1 | 49.46    | 49.41    | 50.65    | 49.84      | 1.41    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 55.50   | 56.48   | 56.42   | 56.13      | 0.98    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 113        |         | %     |
| Zinc      | 66-2  | 590.90  | 590.86  | 603.36  | 595.04     | 1.21    | ppb   |
| Zirconium | 90-1  | 48.92   | 49.24   | 48.54   | 48.90      | 0.71    | ppb   |
| Zirconium | 91-1  | 46.68   | 47.28   | 46.10   | 46.68      | 1.26    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1604.59  | 1633.16  | 1596.90  | 1611.55    | 1.19    | ppb   |
| Antimony   | 121-1 | 52.54    | 50.75    | 52.37    | 51.88      | 1.90    | ppb   |
| Arsenic    | 75-2  | 0.16     | 0.15     | 0.20     | 0.17       | 14.17   | ppb   |
| Barium     | 135-1 | 262.47   | 243.28   | 256.15   | 253.97     | 3.85    | ppb   |
| Barium     | 137-1 | 256.75   | 245.00   | 253.22   | 251.66     | 2.40    | ppb   |
| Beryllium  | 9-1   | 57.14    | 55.20    | 55.29    | 55.88      | 1.96    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 53.03    | 49.41    | 52.22    | 51.55      | 3.69    | ppb   |
| Cadmium    | 106-1 | 56.45    | 53.43    | 54.51    | 54.80      | 2.79    | ppb   |
| Cadmium    | 111-1 | 52.88    | 51.58    | 52.76    | 52.41      | 1.37    | ppb   |
| Calcium    | 43-1  | 42675.70 | 43295.67 | 43254.64 | 43075.34   | 0.80    | ppb   |
| Calcium    | 44-1  | 42407.92 | 43145.95 | 43631.05 | 43061.64   | 1.43    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 49.53    | 50.95    | 49.32    | 49.93      | 1.77    | ppb   |
| Cobalt     | 59-2  | 70.77    | 73.09    | 70.97    | 71.61      | 1.79    | ppb   |
| Copper     | 63-2  | 552.83   | 564.43   | 542.59   | 553.28     | 1.98    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 54-2  | 23898.05 | 23990.26 | 23872.31 | 23920.21   | 0.26    | ppb   |
| Iron       | 56-2  | 23422.21 | 23855.30 | 23604.99 | 23627.50   | 0.92    | ppb   |
| Iron       | 57-2  | 24044.10 | 24665.41 | 24007.21 | 24238.91   | 1.53    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 252.70   | 255.10   | 248.34   | 252.05     | 1.36    | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 207-1 | 260.44   | 254.58   | 248.43   | 254.48     | 2.36    | ppb   |
| Lead       | 208-1 | 254.02   | 251.06   | 246.00   | 250.36     | 1.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 11789.36 | 12278.07 | 11534.30 | 11867.25   | 3.18    | ppb   |
| Manganese  | 55-2  | 1701.51  | 1705.49  | 1691.01  | 1699.33    | 0.44    | ppb   |
| Molybdenum | 94-1  | 228.81   | 227.67   | 230.00   | 228.82     | 0.51    | ppb   |
| Molybdenum | 95-1  | 181.54   | 175.93   | 177.12   | 178.20     | 1.66    | ppb   |
| Molybdenum | 96-1  | 182.00   | 184.52   | 182.18   | 182.90     | 0.77    | ppb   |
| Molybdenum | 97-1  | 174.47   | 182.12   | 171.33   | 175.97     | 3.15    | ppb   |
| Molybdenum | 98-1  | 173.82   | 173.23   | 168.88   | 171.98     | 1.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 57.08    | 59.16    | 56.91    | 57.72      | 2.17    | ppb   |
| Phosphorus | 31-2  | -22.68   | -15.34   | -19.35   | -19.13     |         | ppb   |
| Potassium  | 39-2  | 2638.49  | 2712.16  | 2613.54  | 2654.73    | 1.93    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 112        |         | %     |
| Selenium   | 82-1  | 50.40    | 49.61    | 48.90    | 49.64      | 1.51    | ppb   |
| Selenium   | 77-2  | 64.42    | 55.67    | 59.56    | 59.88      | 7.32    | ppb   |
| Selenium   | 78-2  | 51.85    | 50.79    | 51.91    | 51.52      | 1.22    | ppb   |
| Silicon    | 28-1  | 4115.14  | 4076.74  | 4151.18  | 4114.35    | 0.90    | ppb   |
| Silver     | 107-1 | 7.65     | 7.36     | 7.71     | 7.57       | 2.46    | ppb   |
| Silver     | 109-1 | 7.62     | 7.36     | 7.63     | 7.54       | 2.01    | ppb   |
| Sodium     | 23-2  | 11163.83 | 11786.15 | 10897.92 | 11282.63   | 4.04    | ppb   |
| Strontium  | 86-1  | 121.76   | 121.21   | 121.89   | 121.62     | 0.30    | ppb   |
| Strontium  | 88-1  | 125.70   | 123.85   | 123.22   | 124.26     | 1.04    | ppb   |
| Sulfur     | 34-1  | 40389.99 | 39656.74 | 40439.58 | 40162.10   | 1.09    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 47.39    | 46.96    | 46.14    | 46.83      | 1.36    | ppb   |
| Thallium   | 205-1 | 49.79    | 49.98    | 50.06    | 49.94      | 0.28    | ppb   |
| Tin        | 118-1 | 47.74    | 45.33    | 46.46    | 46.51      | 2.59    | ppb   |
| Titanium   | 47-1  | 0.45     | 0.50     | 0.50     | 0.48       | 5.60    | ppb   |
| Uranium    | 238-1 | 48.65    | 47.12    | 46.36    | 47.38      | 2.46    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 54.10   | 56.60   | 54.56   | 55.09      | 2.42    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 117        |         | %     |
| Yttrium   | 89-2  |         |         |         | 114        |         | %     |
| Zinc      | 66-2  | 584.35  | 589.34  | 580.30  | 584.66     | 0.77    | ppb   |
| Zirconium | 90-1  | 47.07   | 48.31   | 48.87   | 48.08      | 1.92    | ppb   |
| Zirconium | 91-1  | 45.87   | 46.28   | 46.02   | 46.06      | 0.46    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48904.48  | 50367.49  | 50195.05  | 49822.34   | 1.60    | ppb   |
| Antimony   | 121-1 | 502.13    | 514.65    | 512.49    | 509.76     | 1.31    | ppb   |
| Arsenic    | 75-2  | 499.29    | 502.26    | 497.44    | 499.67     | 0.49    | ppb   |
| Barium     | 135-1 | 2516.98   | 2581.77   | 2534.38   | 2544.38    | 1.32    | ppb   |
| Barium     | 137-1 | 2515.74   | 2610.82   | 2555.64   | 2560.74    | 1.86    | ppb   |
| Beryllium  | 9-1   | 535.71    | 525.48    | 545.74    | 535.64     | 1.89    | ppb   |
| Bismuth    | 209-1 |           |           |           | 87         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 503.01    | 511.08    | 508.40    | 507.50     | 0.81    | ppb   |
| Cadmium    | 106-1 | 498.16    | 509.45    | 501.45    | 503.02     | 1.15    | ppb   |
| Cadmium    | 111-1 | 498.62    | 510.81    | 500.75    | 503.39     | 1.29    | ppb   |
| Calcium    | 43-1  | 250749.35 | 246733.61 | 253647.97 | 250376.98  | 1.39    | ppb   |
| Calcium    | 44-1  | 243387.94 | 244833.35 | 245165.36 | 244462.22  | 0.39    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 496.19    | 509.84    | 504.43    | 503.48     | 1.36    | ppb   |
| Cobalt     | 59-2  | 473.58    | 480.61    | 479.67    | 477.95     | 0.80    | ppb   |
| Copper     | 63-2  | 4557.16   | 4586.13   | 4564.33   | 4569.21    | 0.33    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 54-2  | 121894.56 | 121439.82 | 123891.49 | 122408.63  | 1.07    | ppb   |
| Iron       | 56-2  | 118941.35 | 120954.66 | 123082.76 | 120992.92  | 1.71    | ppb   |
| Iron       | 57-2  | 121559.05 | 124463.89 | 122870.90 | 122964.62  | 1.18    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2497.01   | 2473.65   | 2543.38   | 2504.68    | 1.42    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 207-1 | 2495.63   | 2450.39   | 2542.78   | 2496.27    | 1.85    | ppb   |
| Lead       | 208-1 | 2482.97   | 2452.08   | 2524.98   | 2486.68    | 1.47    | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 247315.90 | 249350.38 | 255021.99 | 250562.76  | 1.59    | ppb   |
| Manganese  | 55-2  | 4831.03   | 4912.79   | 4869.83   | 4871.22    | 0.84    | ppb   |
| Molybdenum | 94-1  | 4880.95   | 4923.89   | 4930.10   | 4911.65    | 0.54    | ppb   |
| Molybdenum | 95-1  | 4853.60   | 4899.60   | 4991.08   | 4914.76    | 1.42    | ppb   |
| Molybdenum | 96-1  | 4854.12   | 4851.86   | 4991.40   | 4899.12    | 1.63    | ppb   |
| Molybdenum | 97-1  | 4857.59   | 4841.76   | 4989.51   | 4896.28    | 1.66    | ppb   |
| Molybdenum | 98-1  | 4844.41   | 4871.21   | 4998.00   | 4904.54    | 1.67    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 464.32    | 485.09    | 469.90    | 473.10     | 2.27    | ppb   |
| Phosphorus | 31-2  | 10307.73  | 10316.86  | 10365.40  | 10330.00   | 0.30    | ppb   |
| Potassium  | 39-2  | 125832.13 | 124930.72 | 123995.09 | 124919.31  | 0.74    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 104        |         | %     |
| Scandium   | 45-2  |           |           |           | 108        |         | %     |
| Selenium   | 82-1  | 471.00    | 470.98    | 484.43    | 475.47     | 1.63    | ppb   |
| Selenium   | 77-2  | 488.11    | 498.58    | 471.22    | 485.97     | 2.84    | ppb   |
| Selenium   | 78-2  | 490.25    | 474.16    | 494.41    | 486.27     | 2.20    | ppb   |
| Silicon    | 28-1  | 1076.95   | 1065.00   | 1085.06   | 1075.67    | 0.94    | ppb   |
| Silver     | 107-1 | 492.48    | 505.36    | 498.97    | 498.94     | 1.29    | ppb   |
| Silver     | 109-1 | 489.61    | 493.35    | 494.54    | 492.50     | 0.52    | ppb   |
| Sodium     | 23-2  | 244701.72 | 250616.08 | 254068.97 | 249795.59  | 1.90    | ppb   |
| Strontium  | 86-1  | 496.59    | 494.58    | 503.81    | 498.33     | 0.97    | ppb   |
| Strontium  | 88-1  | 497.79    | 492.47    | 497.66    | 495.97     | 0.61    | ppb   |
| Sulfur     | 34-1  | 10439.30  | 10112.31  | 10354.09  | 10301.90   | 1.65    | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 496.85    | 485.09    | 508.66    | 496.87     | 2.37    | ppb   |
| Thallium   | 205-1 | 498.56    | 486.48    | 506.89    | 497.31     | 2.06    | ppb   |
| Tin        | 118-1 | 501.32    | 519.23    | 510.38    | 510.31     | 1.75    | ppb   |
| Titanium   | 47-1  | 4964.76   | 4834.17   | 4992.41   | 4930.45    | 1.71    | ppb   |
| Uranium    | 238-1 | 492.61    | 489.83    | 497.34    | 493.26     | 0.77    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 513.70  | 507.95  | 517.35  | 513.00     | 0.92    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 4548.37 | 4512.88 | 4588.08 | 4549.78    | 0.83    | ppb   |
| Zirconium | 90-1  | 494.71  | 494.84  | 500.54  | 496.69     | 0.67    | ppb   |
| Zirconium | 91-1  | 490.03  | 493.41  | 502.90  | 495.45     | 1.35    | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.58    | 0.66    | 0.09    | 0.44       | 69.98   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 14.00   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.80   | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.20    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 14.46   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.06    | 0.06    | 0.03    | 0.05       | 42.97   | ppb   |
| Cadmium    | 106-1 | -0.28   | 0.05    | -0.17   | -0.13      |         | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -1.52   | -1.03   | -0.84   | -1.13      |         | ppb   |
| Calcium    | 44-1  | 4.12    | 3.77    | 4.00    | 3.96       | 4.48    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.01    | 0.01       | 36.14   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 692.49  | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.04    | 0.03       | 9.11    | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 54-2  | 1.21    | 0.73    | 0.94    | 0.96       | 24.90   | ppb   |
| Iron       | 56-2  | 0.74    | 0.74    | 0.68    | 0.72       | 5.25    | ppb   |
| Iron       | 57-2  | 1.27    | 0.35    | 0.70    | 0.78       | 59.60   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.06    | 0.07       | 11.87   | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 207-1 | 0.07    | 0.08    | 0.07    | 0.07       | 7.71    | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.07    | 0.07       | 8.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.63    | 1.93    | 1.52    | 1.69       | 12.68   | ppb   |
| Manganese  | 55-2  | -0.76   | -0.88   | -0.84   | -0.83      |         | ppb   |
| Molybdenum | 94-1  | 0.12    | 0.09    | 0.10    | 0.11       | 15.72   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.06    | 0.05    | 0.06       | 20.87   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.05    | 0.04    | 0.05       | 29.13   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.04    | 0.05    | 0.05       | 18.02   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.04    | 0.05       | 17.88   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.03   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -20.54  | -25.92  | -22.27  | -22.91     |         | ppb   |
| Potassium  | 39-2  | 45.84   | 41.12   | 39.49   | 42.15      | 7.82    | ppb   |
| Rhodium    | 103-1 |         |         |         | 109        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 115        |         | %     |
| Scandium   | 45-2  |         |         |         | 113        |         | %     |
| Selenium   | 82-1  | 0.01    | 0.05    | -0.13   | -0.02      |         | ppb   |
| Selenium   | 77-2  | -0.14   | -0.14   | -0.14   | -0.14      |         | ppb   |
| Selenium   | 78-2  | 0.35    | 0.55    | 0.11    | 0.34       | 66.03   | ppb   |
| Silicon    | 28-1  | -2.30   | -3.51   | -2.79   | -2.87      |         | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.38    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.25    | ppb   |
| Sodium     | 23-2  | 44.67   | 42.72   | 39.42   | 42.27      | 6.28    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.00    | 0.00    | 0.00       | 471.83  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 1.29    | ppb   |
| Sulfur     | 34-1  | -324.04 | -246.21 | -250.53 | -273.59    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.02    | 0.02       | 6.12    | ppb   |
| Thallium   | 205-1 | 0.03    | 0.02    | 0.02    | 0.03       | 9.74    | ppb   |
| Tin        | 118-1 | 0.03    | 0.00    | 0.01    | 0.01       | 77.08   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.05    | 0.06    | 0.06       | 8.20    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 387.56  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 112        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | -0.02   | 0.13    | 0.03    | 0.05       | 161.94  | ppb   |
| Zirconium | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 5.23    | ppb   |
| Zirconium | 91-1  | 0.04    | 0.03    | 0.03    | 0.03       | 11.89   | ppb   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 250     | 263     | 283     | 266     | 6.32   | cps   |
| Antimony   | 121-1 | 53      | 73      | 53      | 60      | 19.25  | cps   |
| Arsenic    | 75-2  | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Barium     | 135-1 | 107     | 140     | 163     | 137     | 20.84  | cps   |
| Barium     | 137-1 | 260     | 260     | 213     | 244     | 11.02  | cps   |
| Beryllium  | 9-1   | 101     | 87      | 92      | 94      | 7.42   | cps   |
| Bismuth    | 209-1 | 4805140 | 4869618 | 4780416 | 4818391 | 0.96   | cps   |
| Bismuth    | 209-2 | 2451348 | 2413585 | 2427635 | 2430856 | 0.79   | cps   |
| Bromine    | 81-1  | 27490   | 27667   | 25944   | 27034   | 3.51   | cps   |
| Cadmium    | 108-1 | 3       | 13      | 10      | 9       | 57.30  | cps   |
| Cadmium    | 106-1 | 4257    | 4347    | 4171    | 4258    | 2.08   | cps   |
| Cadmium    | 111-1 | 3001    | 3061    | 2972    | 3011    | 1.49   | cps   |
| Calcium    | 43-1  | 1413    | 1280    | 1247    | 1313    | 6.72   | cps   |
| Calcium    | 44-1  | 27276   | 27389   | 27747   | 27471   | 0.89   | cps   |
| Carbon     | 12-1  | 4165722 | 4138540 | 4071399 | 4125220 | 1.18   | cps   |
| Carbon     | 12-2  | 28274   | 27750   | 27663   | 27895   | 1.19   | cps   |
| Chlorine   | 35-1  | 103607  | 100311  | 100670  | 101529  | 1.78   | cps   |
| Chlorine   | 35-2  | 390     | 423     | 360     | 391     | 8.10   | cps   |
| Chromium   | 52-2  | 1347    | 1410    | 1393    | 1383    | 2.37   | cps   |
| Cobalt     | 59-2  | 83      | 120     | 90      | 98      | 19.98  | cps   |
| Copper     | 63-2  | 1840    | 1950    | 1810    | 1867    | 3.95   | cps   |
| Dysprosium | 156-1 | 17      | 23      | 7       | 16      | 53.90  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 43      | 70      | 80      | 64      | 29.41  | cps   |
| Erbium     | 164-2 | 27      | 23      | 33      | 28      | 18.33  | cps   |
| Gadolinium | 160-1 | 83      | 100     | 60      | 81      | 24.77  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 7827717 | 8072464 | 7934516 | 7944899 | 1.54   | cps   |
| Holmium    | 165-2 | 3372953 | 3276660 | 3300193 | 3316602 | 1.51   | cps   |
| Indium     | 115-1 | 6854929 | 6844012 | 6749179 | 6816040 | 0.85   | cps   |
| Indium     | 115-2 | 803840  | 810405  | 799772  | 804672  | 0.67   | cps   |
| Iron       | 54-2  | 733     | 833     | 837     | 801     | 7.33   | cps   |
| Iron       | 56-2  | 10451   | 10381   | 11028   | 10620   | 3.34   | cps   |
| Iron       | 57-2  | 247     | 230     | 260     | 246     | 6.12   | cps   |
| Krypton    | 83-1  | 263     | 320     | 297     | 293     | 9.71   | cps   |
| Lead       | 206-1 | 857     | 793     | 803     | 818     | 4.16   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 733     | 737     | 580     | 683     | 13.10  | cps   |
| Lead       | 208-1 | 3434    | 3370    | 3150    | 3318    | 4.48   | cps   |
| Lithium    | 6-1   | 2439957 | 2437359 | 2437380 | 2438232 | 0.06   | cps   |
| Magnesium  | 24-2  | 397     | 427     | 280     | 368     | 21.07  | cps   |
| Manganese  | 55-2  | 22521   | 22244   | 22004   | 22256   | 1.16   | cps   |
| Molybdenum | 94-1  | 410     | 427     | 370     | 402     | 7.24   | cps   |
| Molybdenum | 95-1  | 287     | 240     | 203     | 243     | 17.16  | cps   |
| Molybdenum | 96-1  | 253     | 290     | 277     | 273     | 6.79   | cps   |
| Molybdenum | 97-1  | 143     | 107     | 137     | 129     | 15.15  | cps   |
| Molybdenum | 98-1  | 297     | 310     | 320     | 309     | 3.79   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 33      | 16      | 98.94  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 727     | 690     | 753     | 723     | 4.40   | cps   |
| Phosphorus | 31-2  | 140     | 137     | 130     | 136     | 3.76   | cps   |
| Potassium  | 39-2  | 15839   | 15562   | 15458   | 15620   | 1.26   | cps   |
| Rhodium    | 103-1 | 6533500 | 6575175 | 6523907 | 6544194 | 0.42   | cps   |
| Rhodium    | 103-2 | 2935098 | 2901072 | 2916230 | 2917467 | 0.58   | cps   |
| Scandium   | 45-1  | 4368163 | 4476989 | 4404191 | 4416448 | 1.26   | cps   |
| Scandium   | 45-2  | 95558   | 95877   | 96068   | 95834   | 0.27   | cps   |
| Selenium   | 82-1  | 30      | -47     | 50      | 11      | 459.30 | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 20      | 20      | 7       | 16      | 49.47  | cps   |
| Silicon    | 28-1  | 512925  | 509640  | 514473  | 512346  | 0.48   | cps   |
| Silver     | 107-1 | 113     | 110     | 173     | 132     | 26.96  | cps   |
| Silver     | 109-1 | 80      | 53      | 30      | 54      | 45.95  | cps   |
| Sodium     | 23-2  | 35543   | 34614   | 34561   | 34906   | 1.58   | cps   |
| Strontium  | 86-1  | 533     | 467     | 537     | 512     | 7.71   | cps   |
| Strontium  | 88-1  | 507     | 573     | 613     | 564     | 9.55   | cps   |
| Sulfur     | 34-1  | 575703  | 569638  | 569515  | 571619  | 0.62   | cps   |
| Terbium    | 159-1 | 8316510 | 8124506 | 8141296 | 8194104 | 1.30   | cps   |
| Terbium    | 159-2 | 3313592 | 3297260 | 3221291 | 3277381 | 1.50   | cps   |
| Thallium   | 203-1 | 147     | 177     | 127     | 150     | 16.78  | cps   |
| Thallium   | 205-1 | 307     | 343     | 353     | 334     | 7.35   | cps   |
| Tin        | 118-1 | 3971    | 3871    | 3624    | 3822    | 4.67   | cps   |
| Titanium   | 47-1  | 230     | 210     | 210     | 217     | 5.33   | cps   |
| Uranium    | 238-1 | 343     | 367     | 360     | 357     | 3.37   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P8  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:05:42 DataFile Name : 004CALB.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 30       | 30       | 13       | 24       | 39.37  | cps   |
| Ytterbium | 172-1 | 57       | 27       | 67       | 50       | 41.63  | cps   |
| Ytterbium | 172-2 | 13       | 23       | 20       | 19       | 26.96  | cps   |
| Ytterbium | 176-1 | 1143     | 1160     | 1083     | 1129     | 3.57   | cps   |
| Ytterbium | 176-2 | 353      | 353      | 340      | 349      | 2.21   | cps   |
| Yttrium   | 89-1  | 12172223 | 12482545 | 12160792 | 12271853 | 1.49   | cps   |
| Yttrium   | 89-2  | 1000547  | 1019605  | 995336   | 1005163  | 1.27   | cps   |
| Zinc      | 66-2  | 1380     | 1533     | 1533     | 1482     | 5.97   | cps   |
| Zirconium | 90-1  | 817      | 810      | 817      | 814      | 0.47   | cps   |
| Zirconium | 91-1  | 170      | 157      | 143      | 157      | 8.51   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2217    | 2324    | 2124    | 2221    | 4.51   | cps   |
| Antimony   | 121-1 | 53956   | 54839   | 54655   | 54483   | 0.86   | cps   |
| Arsenic    | 75-2  | 763     | 777     | 633     | 724     | 10.93  | cps   |
| Barium     | 135-1 | 65306   | 65283   | 65762   | 65450   | 0.41   | cps   |
| Barium     | 137-1 | 113189  | 113864  | 112808  | 113287  | 0.47   | cps   |
| Beryllium  | 9-1   | 7273    | 7312    | 7212    | 7266    | 0.69   | cps   |
| Bismuth    | 209-1 | 4739021 | 4841747 | 4842470 | 4807746 | 1.24   | cps   |
| Bismuth    | 209-2 | 2474568 | 2432018 | 2438753 | 2448446 | 0.93   | cps   |
| Bromine    | 81-1  | 27029   | 26321   | 26933   | 26761   | 1.43   | cps   |
| Cadmium    | 108-1 | 500     | 587     | 423     | 503     | 16.24  | cps   |
| Cadmium    | 106-1 | 5341    | 4734    | 4971    | 5015    | 6.10   | cps   |
| Cadmium    | 111-1 | 10251   | 10005   | 10459   | 10238   | 2.22   | cps   |
| Calcium    | 43-1  | 46605   | 46020   | 46649   | 46425   | 0.76   | cps   |
| Calcium    | 44-1  | 765106  | 766270  | 770423  | 767266  | 0.36   | cps   |
| Carbon     | 12-1  | 4246367 | 4120633 | 4093964 | 4153655 | 1.96   | cps   |
| Carbon     | 12-2  | 28401   | 27489   | 28254   | 28048   | 1.75   | cps   |
| Chlorine   | 35-1  | 106451  | 106276  | 104514  | 105747  | 1.01   | cps   |
| Chlorine   | 35-2  | 440     | 357     | 483     | 427     | 15.09  | cps   |
| Chromium   | 52-2  | 14257   | 14354   | 13707   | 14106   | 2.48   | cps   |
| Cobalt     | 59-2  | 13016   | 12923   | 12569   | 12836   | 1.84   | cps   |
| Copper     | 63-2  | 21790   | 21259   | 21089   | 21379   | 1.71   | cps   |
| Dysprosium | 156-1 | 7       | 33      | 30      | 23      | 62.26  | cps   |
| Dysprosium | 156-2 | 13      | 3       | 3       | 7       | 86.65  | cps   |
| Erbium     | 164-1 | 23      | 57      | 70      | 50      | 48.08  | cps   |
| Erbium     | 164-2 | 20      | 17      | 17      | 18      | 10.81  | cps   |
| Gadolinium | 160-1 | 90      | 83      | 73      | 82      | 10.20  | cps   |
| Gadolinium | 160-2 | 30      | 30      | 13      | 24      | 39.37  | cps   |
| Holmium    | 165-1 | 7730230 | 7795007 | 7961221 | 7828819 | 1.52   | cps   |
| Holmium    | 165-2 | 3400863 | 3334643 | 3445417 | 3393641 | 1.64   | cps   |
| Indium     | 115-1 | 6766518 | 6819575 | 6748358 | 6778150 | 0.55   | cps   |
| Indium     | 115-2 | 806173  | 801266  | 812552  | 806663  | 0.70   | cps   |
| Iron       | 54-2  | 14991   | 14601   | 13553   | 14382   | 5.17   | cps   |
| Iron       | 56-2  | 261026  | 256582  | 245344  | 254317  | 3.18   | cps   |
| Iron       | 57-2  | 6308    | 6265    | 6068    | 6214    | 2.06   | cps   |
| Krypton    | 83-1  | 240     | 300     | 313     | 284     | 13.73  | cps   |
| Lead       | 206-1 | 20263   | 20413   | 19782   | 20152   | 1.64   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 17158   | 17465   | 17369   | 17331   | 0.91   | cps   |
| Lead       | 208-1 | 78807   | 79742   | 79239   | 79263   | 0.59   | cps   |
| Lithium    | 6-1   | 2491113 | 2444308 | 2507535 | 2480985 | 1.32   | cps   |
| Magnesium  | 24-2  | 184995  | 184303  | 177484  | 182261  | 2.28   | cps   |
| Manganese  | 55-2  | 24681   | 24995   | 23489   | 24389   | 3.26   | cps   |
| Molybdenum | 94-1  | 57883   | 59570   | 57793   | 58415   | 1.71   | cps   |
| Molybdenum | 95-1  | 69851   | 71670   | 71446   | 70989   | 1.40   | cps   |
| Molybdenum | 96-1  | 78128   | 79358   | 79610   | 79032   | 1.00   | cps   |
| Molybdenum | 97-1  | 44056   | 43505   | 44511   | 44024   | 1.14   | cps   |
| Molybdenum | 98-1  | 112371  | 113090  | 113755  | 113072  | 0.61   | cps   |
| Neodymium  | 150-1 | 7       | 37      | 17      | 20      | 76.36  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 4327    | 4034    | 4047    | 4136    | 4.01   | cps   |
| Phosphorus | 31-2  | 317     | 267     | 277     | 287     | 9.23   | cps   |
| Potassium  | 39-2  | 136131  | 137165  | 132172  | 135156  | 1.95   | cps   |
| Rhodium    | 103-1 | 6484631 | 6391374 | 6467894 | 6447967 | 0.77   | cps   |
| Rhodium    | 103-2 | 2859643 | 2897607 | 2901842 | 2886364 | 0.81   | cps   |
| Scandium   | 45-1  | 4385482 | 4458786 | 4469705 | 4437991 | 1.03   | cps   |
| Scandium   | 45-2  | 95541   | 96545   | 95948   | 96011   | 0.53   | cps   |
| Selenium   | 82-1  | 2320    | 2150    | 2167    | 2212    | 4.24   | cps   |
| Selenium   | 77-2  | 37      | 50      | 40      | 42      | 16.43  | cps   |
| Selenium   | 78-2  | 190     | 157     | 177     | 174     | 9.62   | cps   |
| Silicon    | 28-1  | 623045  | 632388  | 641676  | 632370  | 1.47   | cps   |
| Silver     | 107-1 | 34640   | 35536   | 35920   | 35365   | 1.86   | cps   |
| Silver     | 109-1 | 33674   | 34216   | 33327   | 33739   | 1.33   | cps   |
| Sodium     | 23-2  | 398361  | 394635  | 382353  | 391783  | 2.14   | cps   |
| Strontium  | 86-1  | 9720    | 9844    | 9453    | 9672    | 2.06   | cps   |
| Strontium  | 88-1  | 80329   | 80530   | 81671   | 80843   | 0.89   | cps   |
| Sulfur     | 34-1  | 573911  | 575053  | 576696  | 575220  | 0.24   | cps   |
| Terbium    | 159-1 | 8251632 | 8228096 | 8089872 | 8189867 | 1.07   | cps   |
| Terbium    | 159-2 | 3338137 | 3298902 | 3302406 | 3313148 | 0.66   | cps   |
| Thallium   | 203-1 | 23718   | 24012   | 23755   | 23829   | 0.67   | cps   |
| Thallium   | 205-1 | 57607   | 57785   | 57815   | 57736   | 0.19   | cps   |
| Tin        | 118-1 | 114309  | 116275  | 115246  | 115277  | 0.85   | cps   |
| Titanium   | 47-1  | 21206   | 20665   | 20178   | 20683   | 2.49   | cps   |
| Uranium    | 238-1 | 71677   | 70749   | 71443   | 71290   | 0.68   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S2 Instrumnet Name : P8  
Client Sample ID : S2 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:12:28 DataFile Name : 006CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 25216    | 24755    | 23927    | 24632    | 2.65   | cps   |
| Ytterbium | 172-1 | 30       | 73       | 17       | 40       | 74.06  | cps   |
| Ytterbium | 172-2 | 10       | 33       | 17       | 20       | 60.08  | cps   |
| Ytterbium | 176-1 | 1037     | 1060     | 1213     | 1103     | 8.70   | cps   |
| Ytterbium | 176-2 | 307      | 377      | 313      | 332      | 11.63  | cps   |
| Yttrium   | 89-1  | 12397909 | 12313174 | 12317121 | 12342734 | 0.39   | cps   |
| Yttrium   | 89-2  | 1002271  | 1005599  | 1009709  | 1005860  | 0.37   | cps   |
| Zinc      | 66-2  | 6788     | 6918     | 6602     | 6769     | 2.35   | cps   |
| Zirconium | 90-1  | 49501    | 50009    | 50297    | 49936    | 0.81   | cps   |
| Zirconium | 91-1  | 10938    | 11115    | 10888    | 10980    | 1.09   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 93880    | 93290    | 93196    | 93455    | 0.40   | cps   |
| Antimony   | 121-1 | 1282493  | 1304275  | 1307351  | 1298040  | 1.04   | cps   |
| Arsenic    | 75-2  | 30543    | 29821    | 30025    | 30130    | 1.23   | cps   |
| Barium     | 135-1 | 1590292  | 1655381  | 1605158  | 1616944  | 2.11   | cps   |
| Barium     | 137-1 | 2779004  | 2768968  | 2745131  | 2764368  | 0.63   | cps   |
| Beryllium  | 9-1   | 326921   | 330773   | 329970   | 329221   | 0.62   | cps   |
| Bismuth    | 209-1 | 4708336  | 4811355  | 4855487  | 4791726  | 1.58   | cps   |
| Bismuth    | 209-2 | 2406007  | 2348972  | 2385827  | 2380269  | 1.22   | cps   |
| Bromine    | 81-1  | 26923    | 26178    | 26385    | 26495    | 1.45   | cps   |
| Cadmium    | 108-1 | 26619    | 26425    | 26415    | 26487    | 0.43   | cps   |
| Cadmium    | 106-1 | 41218    | 42515    | 41994    | 41909    | 1.56   | cps   |
| Cadmium    | 111-1 | 333904   | 338333   | 337641   | 336626   | 0.71   | cps   |
| Calcium    | 43-1  | 412788   | 422595   | 424449   | 419944   | 1.49   | cps   |
| Calcium    | 44-1  | 6806801  | 6833006  | 6936685  | 6858831  | 1.00   | cps   |
| Carbon     | 12-1  | 4203236  | 4180489  | 4140183  | 4174636  | 0.76   | cps   |
| Carbon     | 12-2  | 28551    | 28588    | 28805    | 28648    | 0.48   | cps   |
| Chlorine   | 35-1  | 108567   | 106659   | 107616   | 107614   | 0.89   | cps   |
| Chlorine   | 35-2  | 400      | 327      | 400      | 376      | 11.27  | cps   |
| Chromium   | 52-2  | 298004   | 297923   | 296037   | 297321   | 0.37   | cps   |
| Cobalt     | 59-2  | 564424   | 562139   | 558842   | 561802   | 0.50   | cps   |
| Copper     | 63-2  | 4566682  | 4543469  | 4578150  | 4562767  | 0.39   | cps   |
| Dysprosium | 156-1 | 60       | 43       | 33       | 46       | 29.58  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 80       | 77       | 57       | 71       | 17.74  | cps   |
| Erbium     | 164-2 | 27       | 37       | 20       | 28       | 30.20  | cps   |
| Gadolinium | 160-1 | 70       | 70       | 113      | 84       | 29.63  | cps   |
| Gadolinium | 160-2 | 40       | 30       | 27       | 32       | 21.53  | cps   |
| Holmium    | 165-1 | 7941973  | 8088240  | 7903477  | 7977897  | 1.22   | cps   |
| Holmium    | 165-2 | 3335086  | 3257985  | 3303499  | 3298857  | 1.17   | cps   |
| Indium     | 115-1 | 6822025  | 6848055  | 6832882  | 6834321  | 0.19   | cps   |
| Indium     | 115-2 | 793892   | 782484   | 781315   | 785897   | 0.88   | cps   |
| Iron       | 54-2  | 616386   | 617202   | 613092   | 615560   | 0.35   | cps   |
| Iron       | 56-2  | 11354249 | 11305895 | 11376459 | 11345534 | 0.32   | cps   |
| Iron       | 57-2  | 285870   | 283643   | 284450   | 284654   | 0.40   | cps   |
| Krypton    | 83-1  | 277      | 270      | 317      | 288      | 8.77   | cps   |
| Lead       | 206-1 | 4878684  | 4938568  | 4930699  | 4915984  | 0.66   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 4059210  | 4164073  | 4182008  | 4135097  | 1.60   | cps   |
| Lead       | 208-1 | 18884166 | 19228737 | 19083288 | 19065397 | 0.91   | cps   |
| Lithium    | 6-1   | 2477142  | 2541037  | 2579588  | 2532589  | 2.04   | cps   |
| Magnesium  | 24-2  | 1675153  | 1678237  | 1635933  | 1663108  | 1.42   | cps   |
| Manganese  | 55-2  | 1288496  | 1284801  | 1281558  | 1284952  | 0.27   | cps   |
| Molybdenum | 94-1  | 4687347  | 4680020  | 4668292  | 4678553  | 0.21   | cps   |
| Molybdenum | 95-1  | 6810419  | 6870226  | 6845868  | 6842171  | 0.44   | cps   |
| Molybdenum | 96-1  | 7382742  | 7468016  | 7563982  | 7471580  | 1.21   | cps   |
| Molybdenum | 97-1  | 4150335  | 4176273  | 4293385  | 4206664  | 1.81   | cps   |
| Molybdenum | 98-1  | 10933285 | 10747298 | 10848737 | 10843106 | 0.86   | cps   |
| Neodymium  | 150-1 | 117      | 87       | 130      | 111      | 19.97  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 3        | 9        | 108.30 | cps   |
| Nickel     | 60-2  | 158948   | 159334   | 159062   | 159114   | 0.12   | cps   |
| Phosphorus | 31-2  | 5168     | 5088     | 5154     | 5137     | 0.83   | cps   |
| Potassium  | 39-2  | 571825   | 575138   | 569786   | 572250   | 0.47   | cps   |
| Rhodium    | 103-1 | 6353401  | 6394937  | 6504338  | 6417559  | 1.21   | cps   |
| Rhodium    | 103-2 | 2789072  | 2800151  | 2832812  | 2807345  | 0.81   | cps   |
| Scandium   | 45-1  | 4374353  | 4371391  | 4436372  | 4394039  | 0.84   | cps   |
| Scandium   | 45-2  | 93827    | 93968    | 93045    | 93613    | 0.53   | cps   |
| Selenium   | 82-1  | 20475    | 21290    | 20883    | 20883    | 1.95   | cps   |
| Selenium   | 77-2  | 427      | 420      | 387      | 411      | 5.21   | cps   |
| Selenium   | 78-2  | 1363     | 1390     | 1383     | 1379     | 1.01   | cps   |
| Silicon    | 28-1  | 1297088  | 1306746  | 1303876  | 1302570  | 0.38   | cps   |
| Silver     | 107-1 | 1808344  | 1837961  | 1777237  | 1807847  | 1.68   | cps   |
| Silver     | 109-1 | 1703330  | 1702760  | 1707499  | 1704530  | 0.15   | cps   |
| Sodium     | 23-2  | 3307834  | 3230814  | 3303694  | 3280781  | 1.32   | cps   |
| Strontium  | 86-1  | 431288   | 431171   | 429436   | 430632   | 0.24   | cps   |
| Strontium  | 88-1  | 3900485  | 3913401  | 3843079  | 3885655  | 0.96   | cps   |
| Sulfur     | 34-1  | 697661   | 701650   | 697624   | 698978   | 0.33   | cps   |
| Terbium    | 159-1 | 8095584  | 8129474  | 8207516  | 8144191  | 0.70   | cps   |
| Terbium    | 159-2 | 3234722  | 3312078  | 3240288  | 3262363  | 1.32   | cps   |
| Thallium   | 203-1 | 1125238  | 1143177  | 1140466  | 1136294  | 0.85   | cps   |
| Thallium   | 205-1 | 2806067  | 2870576  | 2858203  | 2844949  | 1.20   | cps   |
| Tin        | 118-1 | 1073494  | 1087030  | 1084381  | 1081635  | 0.66   | cps   |
| Titanium   | 47-1  | 1947877  | 1896714  | 1937421  | 1927337  | 1.40   | cps   |
| Uranium    | 238-1 | 3424948  | 3569575  | 3496084  | 3496869  | 2.07   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S3 Instrumnet Name : P8  
Client Sample ID : S3 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:15:50 DataFile Name : 007CALB.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 224510   | 225090   | 223221   | 224274   | 0.43   | cps   |
| Ytterbium | 172-1 | 80       | 73       | 70       | 74       | 6.84   | cps   |
| Ytterbium | 172-2 | 23       | 23       | 30       | 26       | 15.07  | cps   |
| Ytterbium | 176-1 | 6395     | 6648     | 6195     | 6413     | 3.54   | cps   |
| Ytterbium | 176-2 | 2637     | 2494     | 2454     | 2528     | 3.81   | cps   |
| Yttrium   | 89-1  | 12448566 | 12411626 | 12145809 | 12335333 | 1.34   | cps   |
| Yttrium   | 89-2  | 993294   | 980720   | 971381   | 981798   | 1.12   | cps   |
| Zinc      | 66-2  | 491263   | 490626   | 485493   | 489127   | 0.65   | cps   |
| Zirconium | 90-1  | 2345065  | 2420035  | 2362690  | 2375930  | 1.65   | cps   |
| Zirconium | 91-1  | 499679   | 511919   | 509646   | 507081   | 1.28   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 222829   | 220824   | 219518   | 221057   | 0.75   | cps   |
| Antimony   | 121-1 | 3280092  | 3284446  | 3310248  | 3291595  | 0.50   | cps   |
| Arsenic    | 75-2  | 73980    | 72703    | 72361    | 73014    | 1.17   | cps   |
| Barium     | 135-1 | 3917024  | 3976793  | 3935686  | 3943168  | 0.78   | cps   |
| Barium     | 137-1 | 6724713  | 6652348  | 6654497  | 6677186  | 0.62   | cps   |
| Beryllium  | 9-1   | 786274   | 792763   | 793595   | 790878   | 0.51   | cps   |
| Bismuth    | 209-1 | 4775335  | 4769178  | 4766891  | 4770468  | 0.09   | cps   |
| Bismuth    | 209-2 | 2328614  | 2371548  | 2335725  | 2345296  | 0.98   | cps   |
| Bromine    | 81-1  | 26164    | 26111    | 26562    | 26279    | 0.94   | cps   |
| Cadmium    | 108-1 | 63726    | 64898    | 64554    | 64393    | 0.94   | cps   |
| Cadmium    | 106-1 | 96000    | 97542    | 97833    | 97125    | 1.01   | cps   |
| Cadmium    | 111-1 | 818780   | 820997   | 827307   | 822362   | 0.54   | cps   |
| Calcium    | 43-1  | 1007658  | 1009477  | 1007254  | 1008130  | 0.12   | cps   |
| Calcium    | 44-1  | 16360959 | 16451831 | 16420689 | 16411160 | 0.28   | cps   |
| Carbon     | 12-1  | 4290695  | 4263034  | 4244351  | 4266027  | 0.55   | cps   |
| Carbon     | 12-2  | 30518    | 29713    | 29399    | 29877    | 1.93   | cps   |
| Chlorine   | 35-1  | 113951   | 114817   | 114488   | 114419   | 0.38   | cps   |
| Chlorine   | 35-2  | 477      | 420      | 423      | 440      | 7.23   | cps   |
| Chromium   | 52-2  | 705534   | 706855   | 702145   | 704845   | 0.34   | cps   |
| Cobalt     | 59-2  | 1322323  | 1316516  | 1311997  | 1316945  | 0.39   | cps   |
| Copper     | 63-2  | 10629454 | 10613121 | 10755670 | 10666082 | 0.73   | cps   |
| Dysprosium | 156-1 | 103      | 57       | 87       | 82       | 28.76  | cps   |
| Dysprosium | 156-2 | 20       | 7        | 13       | 13       | 49.99  | cps   |
| Erbium     | 164-1 | 83       | 50       | 87       | 73       | 27.65  | cps   |
| Erbium     | 164-2 | 27       | 37       | 37       | 33       | 17.32  | cps   |
| Gadolinium | 160-1 | 90       | 80       | 73       | 81       | 10.34  | cps   |
| Gadolinium | 160-2 | 17       | 37       | 30       | 28       | 36.66  | cps   |
| Holmium    | 165-1 | 7890732  | 7951394  | 8002269  | 7948132  | 0.70   | cps   |
| Holmium    | 165-2 | 3262215  | 3355294  | 3271765  | 3296425  | 1.55   | cps   |
| Indium     | 115-1 | 6758375  | 6691435  | 6736893  | 6728901  | 0.51   | cps   |
| Indium     | 115-2 | 752719   | 748361   | 754613   | 751897   | 0.43   | cps   |
| Iron       | 54-2  | 1521866  | 1495050  | 1509587  | 1508834  | 0.89   | cps   |
| Iron       | 56-2  | 26730559 | 27197579 | 27131907 | 27020015 | 0.94   | cps   |
| Iron       | 57-2  | 675207   | 668982   | 674458   | 672882   | 0.51   | cps   |
| Krypton    | 83-1  | 270      | 313      | 330      | 304      | 10.17  | cps   |
| Lead       | 206-1 | 11817341 | 12290215 | 12193249 | 12100268 | 2.06   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 9926567  | 10215754 | 10272475 | 10138265 | 1.83   | cps   |
| Lead       | 208-1 | 46285388 | 46984818 | 47196163 | 46822123 | 1.02   | cps   |
| Lithium    | 6-1   | 2476485  | 2428877  | 2467752  | 2457705  | 1.03   | cps   |
| Magnesium  | 24-2  | 3949102  | 3836454  | 3887037  | 3890864  | 1.45   | cps   |
| Manganese  | 55-2  | 3092907  | 3071769  | 3098721  | 3087799  | 0.46   | cps   |
| Molybdenum | 94-1  | 11312801 | 11564895 | 11423813 | 11433836 | 1.11   | cps   |
| Molybdenum | 95-1  | 16673081 | 16791156 | 16612784 | 16692341 | 0.54   | cps   |
| Molybdenum | 96-1  | 18186351 | 18274668 | 18257067 | 18239362 | 0.26   | cps   |
| Molybdenum | 97-1  | 10142037 | 10268705 | 10348258 | 10253000 | 1.01   | cps   |
| Molybdenum | 98-1  | 26265308 | 26650195 | 26681056 | 26532187 | 0.87   | cps   |
| Neodymium  | 150-1 | 293      | 277      | 277      | 282      | 3.41   | cps   |
| Neodymium  | 150-2 | 13       | 10       | 13       | 12       | 15.73  | cps   |
| Nickel     | 60-2  | 371997   | 371740   | 373072   | 372270   | 0.19   | cps   |
| Phosphorus | 31-2  | 11678    | 11435    | 11578    | 11564    | 1.06   | cps   |
| Potassium  | 39-2  | 1352076  | 1342917  | 1342705  | 1345899  | 0.40   | cps   |
| Rhodium    | 103-1 | 6230688  | 6229610  | 6277229  | 6245842  | 0.44   | cps   |
| Rhodium    | 103-2 | 2751231  | 2764831  | 2752946  | 2756336  | 0.27   | cps   |
| Scandium   | 45-1  | 4297386  | 4282439  | 4317681  | 4299169  | 0.41   | cps   |
| Scandium   | 45-2  | 87417    | 88856    | 88668    | 88313    | 0.89   | cps   |
| Selenium   | 82-1  | 50669    | 50321    | 50492    | 50494    | 0.34   | cps   |
| Selenium   | 77-2  | 923      | 997      | 907      | 942      | 5.08   | cps   |
| Selenium   | 78-2  | 3334     | 3184     | 3344     | 3287     | 2.73   | cps   |
| Silicon    | 28-1  | 2461792  | 2418699  | 2461995  | 2447496  | 1.02   | cps   |
| Silver     | 107-1 | 4343063  | 4261287  | 4305757  | 4303369  | 0.95   | cps   |
| Silver     | 109-1 | 4043699  | 4120686  | 4118810  | 4094398  | 1.07   | cps   |
| Sodium     | 23-2  | 7731022  | 7634133  | 7622993  | 7662716  | 0.78   | cps   |
| Strontium  | 86-1  | 1043255  | 1045217  | 1052360  | 1046944  | 0.46   | cps   |
| Strontium  | 88-1  | 9248623  | 9392887  | 9595342  | 9412284  | 1.85   | cps   |
| Sulfur     | 34-1  | 884659   | 880229   | 869488   | 878126   | 0.89   | cps   |
| Terbium    | 159-1 | 8240318  | 8142638  | 8243980  | 8208979  | 0.70   | cps   |
| Terbium    | 159-2 | 3247113  | 3208481  | 3192896  | 3216163  | 0.87   | cps   |
| Thallium   | 203-1 | 2928958  | 3018986  | 3031339  | 2993094  | 1.87   | cps   |
| Thallium   | 205-1 | 6919609  | 7001432  | 6999254  | 6973432  | 0.67   | cps   |
| Tin        | 118-1 | 2710766  | 2745054  | 2717705  | 2724508  | 0.67   | cps   |
| Titanium   | 47-1  | 4609360  | 4593488  | 4535568  | 4579472  | 0.85   | cps   |
| Uranium    | 238-1 | 8553909  | 8479316  | 8400392  | 8477872  | 0.91   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S4 Instrumnet Name : P8  
Client Sample ID : S4 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:18:54 DataFile Name : 008CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 535345   | 528066   | 527260   | 530224   | 0.84   | cps   |
| Ytterbium | 172-1 | 57       | 83       | 97       | 79       | 25.82  | cps   |
| Ytterbium | 172-2 | 33       | 57       | 73       | 54       | 36.91  | cps   |
| Ytterbium | 176-1 | 14401    | 14405    | 14615    | 14474    | 0.85   | cps   |
| Ytterbium | 176-2 | 5555     | 5781     | 5565     | 5633     | 2.27   | cps   |
| Yttrium   | 89-1  | 12035071 | 12153819 | 11969892 | 12052927 | 0.77   | cps   |
| Yttrium   | 89-2  | 956394   | 949731   | 954907   | 953677   | 0.37   | cps   |
| Zinc      | 66-2  | 1164966  | 1160193  | 1159738  | 1161633  | 0.25   | cps   |
| Zirconium | 90-1  | 5727766  | 5652023  | 5705976  | 5695255  | 0.68   | cps   |
| Zirconium | 91-1  | 1240150  | 1248138  | 1249202  | 1245830  | 0.40   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 427779   | 427227   | 425330   | 426779   | 0.30   | cps   |
| Antimony   | 121-1 | 6512400  | 6566937  | 6464171  | 6514503  | 0.79   | cps   |
| Arsenic    | 75-2  | 144188   | 141542   | 141822   | 142517   | 1.02   | cps   |
| Barium     | 135-1 | 7864686  | 7770229  | 7867160  | 7834025  | 0.71   | cps   |
| Barium     | 137-1 | 13475609 | 13391822 | 13651583 | 13506338 | 0.98   | cps   |
| Beryllium  | 9-1   | 1470280  | 1507805  | 1468225  | 1482104  | 1.50   | cps   |
| Bismuth    | 209-1 | 4724734  | 4707065  | 4779752  | 4737184  | 0.80   | cps   |
| Bismuth    | 209-2 | 2317645  | 2297583  | 2252387  | 2289205  | 1.46   | cps   |
| Bromine    | 81-1  | 25717    | 25226    | 26295    | 25746    | 2.08   | cps   |
| Cadmium    | 108-1 | 126487   | 126743   | 129188   | 127473   | 1.17   | cps   |
| Cadmium    | 106-1 | 186577   | 187772   | 186289   | 186880   | 0.42   | cps   |
| Cadmium    | 111-1 | 1679477  | 1694306  | 1719869  | 1697884  | 1.20   | cps   |
| Calcium    | 43-1  | 2003354  | 2001664  | 1965178  | 1990065  | 1.08   | cps   |
| Calcium    | 44-1  | 32422587 | 32306072 | 32367694 | 32365451 | 0.18   | cps   |
| Carbon     | 12-1  | 4446831  | 4493910  | 4475995  | 4472245  | 0.53   | cps   |
| Carbon     | 12-2  | 32219    | 32342    | 32503    | 32354    | 0.44   | cps   |
| Chlorine   | 35-1  | 119572   | 120617   | 120728   | 120306   | 0.53   | cps   |
| Chlorine   | 35-2  | 537      | 503      | 427      | 489      | 11.54  | cps   |
| Chromium   | 52-2  | 1410581  | 1418087  | 1421305  | 1416658  | 0.39   | cps   |
| Cobalt     | 59-2  | 2640312  | 2628105  | 2627973  | 2632130  | 0.27   | cps   |
| Copper     | 63-2  | 20946113 | 20739760 | 20560445 | 20748772 | 0.93   | cps   |
| Dysprosium | 156-1 | 147      | 147      | 143      | 146      | 1.32   | cps   |
| Dysprosium | 156-2 | 27       | 17       | 37       | 27       | 37.50  | cps   |
| Erbium     | 164-1 | 100      | 133      | 167      | 133      | 25.00  | cps   |
| Erbium     | 164-2 | 43       | 27       | 37       | 36       | 23.58  | cps   |
| Gadolinium | 160-1 | 137      | 103      | 127      | 122      | 14.00  | cps   |
| Gadolinium | 160-2 | 33       | 40       | 13       | 29       | 48.05  | cps   |
| Holmium    | 165-1 | 7878040  | 7731957  | 8006860  | 7872286  | 1.75   | cps   |
| Holmium    | 165-2 | 3223979  | 3284381  | 3214725  | 3241028  | 1.17   | cps   |
| Indium     | 115-1 | 6411184  | 6510354  | 6529050  | 6483530  | 0.98   | cps   |
| Indium     | 115-2 | 720132   | 723544   | 719978   | 721218   | 0.28   | cps   |
| Iron       | 54-2  | 2921700  | 2912334  | 2855679  | 2896571  | 1.23   | cps   |
| Iron       | 56-2  | 52445231 | 52610346 | 52783804 | 52613127 | 0.32   | cps   |
| Iron       | 57-2  | 1313114  | 1312987  | 1312184  | 1312762  | 0.04   | cps   |
| Krypton    | 83-1  | 370      | 317      | 343      | 343      | 7.77   | cps   |
| Lead       | 206-1 | 23718883 | 23838551 | 24246958 | 23934797 | 1.16   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 20273308 | 20378503 | 20262688 | 20304833 | 0.32   | cps   |
| Lead       | 208-1 | 93735199 | 94680818 | 93989732 | 94135249 | 0.52   | cps   |
| Lithium    | 6-1   | 2377304  | 2356104  | 2391765  | 2375058  | 0.76   | cps   |
| Magnesium  | 24-2  | 7462600  | 7425272  | 7507944  | 7465272  | 0.55   | cps   |
| Manganese  | 55-2  | 5959561  | 5971489  | 5923476  | 5951508  | 0.42   | cps   |
| Molybdenum | 94-1  | 22968327 | 22722073 | 22958622 | 22883007 | 0.61   | cps   |
| Molybdenum | 95-1  | 33306725 | 33222381 | 33248012 | 33259039 | 0.13   | cps   |
| Molybdenum | 96-1  | 36632141 | 36017608 | 35923991 | 36191247 | 1.06   | cps   |
| Molybdenum | 97-1  | 20564696 | 20224932 | 20113573 | 20301067 | 1.16   | cps   |
| Molybdenum | 98-1  | 52817624 | 52948273 | 52804809 | 52856902 | 0.15   | cps   |
| Neodymium  | 150-1 | 550      | 530      | 523      | 534      | 2.60   | cps   |
| Neodymium  | 150-2 | 20       | 33       | 23       | 26       | 27.15  | cps   |
| Nickel     | 60-2  | 710947   | 710433   | 711725   | 711035   | 0.09   | cps   |
| Phosphorus | 31-2  | 21823    | 22194    | 22107    | 22041    | 0.88   | cps   |
| Potassium  | 39-2  | 2574892  | 2553596  | 2584042  | 2570844  | 0.61   | cps   |
| Rhodium    | 103-1 | 6124745  | 6078186  | 6036598  | 6079843  | 0.73   | cps   |
| Rhodium    | 103-2 | 2669843  | 2705234  | 2666885  | 2680654  | 0.80   | cps   |
| Scandium   | 45-1  | 4187733  | 4188561  | 4232209  | 4202835  | 0.61   | cps   |
| Scandium   | 45-2  | 87370    | 86639    | 87216    | 87075    | 0.44   | cps   |
| Selenium   | 82-1  | 98509    | 99653    | 100637   | 99600    | 1.07   | cps   |
| Selenium   | 77-2  | 1900     | 1780     | 1880     | 1853     | 3.47   | cps   |
| Selenium   | 78-2  | 6678     | 6271     | 6515     | 6488     | 3.16   | cps   |
| Silicon    | 28-1  | 4297188  | 4326887  | 4367213  | 4330430  | 0.81   | cps   |
| Silver     | 107-1 | 8470098  | 8413821  | 8543759  | 8475893  | 0.77   | cps   |
| Silver     | 109-1 | 8060394  | 8154679  | 8066093  | 8093722  | 0.65   | cps   |
| Sodium     | 23-2  | 14936818 | 14854112 | 14623835 | 14804922 | 1.10   | cps   |
| Strontium  | 86-1  | 2182004  | 2156146  | 2149386  | 2162512  | 0.80   | cps   |
| Strontium  | 88-1  | 18994069 | 18339179 | 18817230 | 18716826 | 1.81   | cps   |
| Sulfur     | 34-1  | 1002065  | 1002489  | 999610   | 1001388  | 0.16   | cps   |
| Terbium    | 159-1 | 8083037  | 8077615  | 8141405  | 8100685  | 0.44   | cps   |
| Terbium    | 159-2 | 3152695  | 3167239  | 3150596  | 3156843  | 0.29   | cps   |
| Thallium   | 203-1 | 5778696  | 5718748  | 5769118  | 5755521  | 0.56   | cps   |
| Thallium   | 205-1 | 13678394 | 13625615 | 13810116 | 13704708 | 0.69   | cps   |
| Tin        | 118-1 | 5336204  | 5411878  | 5343267  | 5363783  | 0.78   | cps   |
| Titanium   | 47-1  | 9014221  | 8853402  | 9019120  | 8962248  | 1.05   | cps   |
| Uranium    | 238-1 | 17361057 | 17639446 | 17578416 | 17526306 | 0.83   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S5 Instrumnet Name : P8  
Client Sample ID : S5 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:21:50 DataFile Name : 009CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 1033934  | 1035876  | 1038479  | 1036096  | 0.22   | cps   |
| Ytterbium | 172-1 | 140      | 130      | 123      | 131      | 6.40   | cps   |
| Ytterbium | 172-2 | 57       | 67       | 50       | 58       | 14.52  | cps   |
| Ytterbium | 176-1 | 28143    | 27592    | 28046    | 27927    | 1.05   | cps   |
| Ytterbium | 176-2 | 11348    | 11228    | 11388    | 11322    | 0.74   | cps   |
| Yttrium   | 89-1  | 11964695 | 11730242 | 11858726 | 11851221 | 0.99   | cps   |
| Yttrium   | 89-2  | 923506   | 932309   | 928678   | 928164   | 0.48   | cps   |
| Zinc      | 66-2  | 2359821  | 2340899  | 2375741  | 2358820  | 0.74   | cps   |
| Zirconium | 90-1  | 11393201 | 11308759 | 11451640 | 11384533 | 0.63   | cps   |
| Zirconium | 91-1  | 2593683  | 2554033  | 2622750  | 2590156  | 1.33   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 823978    | 827237    | 831213    | 827476    | 0.44   | cps   |
| Antimony   | 121-1 | 12835973  | 12613684  | 12868972  | 12772876  | 1.09   | cps   |
| Arsenic    | 75-2  | 279394    | 279087    | 283902    | 280794    | 0.96   | cps   |
| Barium     | 135-1 | 15542305  | 15240631  | 15192139  | 15325025  | 1.24   | cps   |
| Barium     | 137-1 | 26632358  | 25978090  | 26186267  | 26265572  | 1.27   | cps   |
| Beryllium  | 9-1   | 2750591   | 2824922   | 2847142   | 2807552   | 1.80   | cps   |
| Bismuth    | 209-1 | 4661585   | 4835806   | 4650718   | 4716036   | 2.20   | cps   |
| Bismuth    | 209-2 | 2203148   | 2230835   | 2214767   | 2216250   | 0.63   | cps   |
| Bromine    | 81-1  | 25042     | 26328     | 26402     | 25924     | 2.95   | cps   |
| Cadmium    | 108-1 | 245288    | 249043    | 251693    | 248675    | 1.29   | cps   |
| Cadmium    | 106-1 | 358322    | 367497    | 360600    | 362140    | 1.32   | cps   |
| Cadmium    | 111-1 | 3281785   | 3237945   | 3230131   | 3249954   | 0.86   | cps   |
| Calcium    | 43-1  | 3859858   | 3848348   | 3855193   | 3854466   | 0.15   | cps   |
| Calcium    | 44-1  | 63079809  | 63544021  | 63259601  | 63294477  | 0.37   | cps   |
| Carbon     | 12-1  | 5008629   | 5147213   | 5202295   | 5119379   | 1.95   | cps   |
| Carbon     | 12-2  | 38641     | 39693     | 39710     | 39348     | 1.56   | cps   |
| Chlorine   | 35-1  | 133293    | 135076    | 136681    | 135017    | 1.26   | cps   |
| Chlorine   | 35-2  | 607       | 650       | 553       | 603       | 8.03   | cps   |
| Chromium   | 52-2  | 2759178   | 2772481   | 2778200   | 2769953   | 0.35   | cps   |
| Cobalt     | 59-2  | 5102539   | 5080916   | 5174427   | 5119294   | 0.96   | cps   |
| Copper     | 63-2  | 39438761  | 40072969  | 40205839  | 39905856  | 1.03   | cps   |
| Dysprosium | 156-1 | 233       | 280       | 210       | 241       | 14.78  | cps   |
| Dysprosium | 156-2 | 53        | 77        | 57        | 62        | 20.29  | cps   |
| Erbium     | 164-1 | 173       | 180       | 220       | 191       | 13.21  | cps   |
| Erbium     | 164-2 | 93        | 57        | 40        | 63        | 43.08  | cps   |
| Gadolinium | 160-1 | 153       | 160       | 160       | 158       | 2.44   | cps   |
| Gadolinium | 160-2 | 50        | 70        | 50        | 57        | 20.38  | cps   |
| Holmium    | 165-1 | 7926398   | 7775337   | 7753059   | 7818265   | 1.21   | cps   |
| Holmium    | 165-2 | 3251945   | 3233178   | 3247512   | 3244212   | 0.30   | cps   |
| Indium     | 115-1 | 6331497   | 6299336   | 6182405   | 6271079   | 1.25   | cps   |
| Indium     | 115-2 | 684741    | 691653    | 685021    | 687138    | 0.57   | cps   |
| Iron       | 54-2  | 5675052   | 5594341   | 5676605   | 5648666   | 0.83   | cps   |
| Iron       | 56-2  | 103032312 | 103206928 | 104517145 | 103585462 | 0.78   | cps   |
| Iron       | 57-2  | 2652349   | 2661296   | 2619166   | 2644270   | 0.84   | cps   |
| Krypton    | 83-1  | 280       | 317       | 230       | 276       | 15.79  | cps   |
| Lead       | 206-1 | 47237889  | 47426003  | 47241806  | 47301899  | 0.23   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 39143296  | 40344943  | 39937175  | 39808471  | 1.54   | cps   |
| Lead       | 208-1 | 182071024 | 186827724 | 185481773 | 184793507 | 1.33   | cps   |
| Lithium    | 6-1   | 2331429   | 2391703   | 2339953   | 2354361   | 1.39   | cps   |
| Magnesium  | 24-2  | 14571313  | 14562455  | 14749531  | 14627766  | 0.72   | cps   |
| Manganese  | 55-2  | 11703104  | 11657604  | 11757705  | 11706138  | 0.43   | cps   |
| Molybdenum | 94-1  | 44945811  | 45596133  | 45117873  | 45219939  | 0.75   | cps   |
| Molybdenum | 95-1  | 65242392  | 65841342  | 65679734  | 65587823  | 0.47   | cps   |
| Molybdenum | 96-1  | 71389759  | 71148466  | 72270147  | 71602791  | 0.82   | cps   |
| Molybdenum | 97-1  | 40215364  | 40154970  | 40704792  | 40358376  | 0.75   | cps   |
| Molybdenum | 98-1  | 104822412 | 104675272 | 104786852 | 104761512 | 0.07   | cps   |
| Neodymium  | 150-1 | 980       | 1017      | 1110      | 1036      | 6.47   | cps   |
| Neodymium  | 150-2 | 37        | 53        | 43        | 44        | 18.87  | cps   |
| Nickel     | 60-2  | 1351332   | 1354668   | 1370517   | 1358839   | 0.75   | cps   |
| Phosphorus | 31-2  | 42843     | 43365     | 42255     | 42821     | 1.30   | cps   |
| Potassium  | 39-2  | 4894157   | 4875584   | 4935712   | 4901818   | 0.63   | cps   |
| Rhodium    | 103-1 | 5921618   | 5962859   | 6032393   | 5972290   | 0.94   | cps   |
| Rhodium    | 103-2 | 2653863   | 2647439   | 2612224   | 2637842   | 0.85   | cps   |
| Scandium   | 45-1  | 4067512   | 4124366   | 4123272   | 4105050   | 0.79   | cps   |
| Scandium   | 45-2  | 86280     | 85928     | 86692     | 86300     | 0.44   | cps   |
| Selenium   | 82-1  | 193136    | 193834    | 195395    | 194122    | 0.60   | cps   |
| Selenium   | 77-2  | 3807      | 3791      | 3711      | 3769      | 1.37   | cps   |
| Selenium   | 78-2  | 12846     | 12786     | 12596     | 12743     | 1.03   | cps   |
| Silicon    | 28-1  | 8003348   | 8072480   | 8025563   | 8033797   | 0.44   | cps   |
| Silver     | 107-1 | 16259836  | 16651113  | 16446820  | 16452589  | 1.19   | cps   |
| Silver     | 109-1 | 15378193  | 15426702  | 15647994  | 15484296  | 0.93   | cps   |
| Sodium     | 23-2  | 28772671  | 29288212  | 29033290  | 29031391  | 0.89   | cps   |
| Strontium  | 86-1  | 4234036   | 4213841   | 4232923   | 4226933   | 0.27   | cps   |
| Strontium  | 88-1  | 36334847  | 36822891  | 37501443  | 36886394  | 1.59   | cps   |
| Sulfur     | 34-1  | 1461190   | 1411618   | 1422198   | 1431668   | 1.82   | cps   |
| Terbium    | 159-1 | 8068658   | 8202149   | 8077923   | 8116243   | 0.92   | cps   |
| Terbium    | 159-2 | 3059153   | 3211218   | 3126636   | 3132335   | 2.43   | cps   |
| Thallium   | 203-1 | 11312539  | 11429444  | 11502487  | 11414823  | 0.84   | cps   |
| Thallium   | 205-1 | 27137134  | 27523526  | 27387330  | 27349330  | 0.72   | cps   |
| Tin        | 118-1 | 10399440  | 10403521  | 10344583  | 10382515  | 0.32   | cps   |
| Titanium   | 47-1  | 17620377  | 17734849  | 17584361  | 17646529  | 0.45   | cps   |
| Uranium    | 238-1 | 33455045  | 34865393  | 34483237  | 34267891  | 2.13   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S6 Instrumnet Name : P8  
Client Sample ID : S6 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:24:39 DataFile Name : 010CAL.S.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 2064534  | 2071938  | 2068955  | 2068476  | 0.18   | cps   |
| Ytterbium | 172-1 | 213      | 203      | 183      | 200      | 7.64   | cps   |
| Ytterbium | 172-2 | 90       | 123      | 113      | 109      | 15.71  | cps   |
| Ytterbium | 176-1 | 54696    | 55208    | 54247    | 54717    | 0.88   | cps   |
| Ytterbium | 176-2 | 21671    | 22058    | 22042    | 21924    | 1.00   | cps   |
| Yttrium   | 89-1  | 11690589 | 11822181 | 11851358 | 11788043 | 0.73   | cps   |
| Yttrium   | 89-2  | 911778   | 918373   | 923458   | 917870   | 0.64   | cps   |
| Zinc      | 66-2  | 4513813  | 4498497  | 4478281  | 4496864  | 0.40   | cps   |
| Zirconium | 90-1  | 22414316 | 22526820 | 22416761 | 22452632 | 0.29   | cps   |
| Zirconium | 91-1  | 5060031  | 5036570  | 5044439  | 5047013  | 0.24   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1633909   | 1610465   | 1657811   | 1634061   | 1.45   | cps   |
| Antimony   | 121-1 | 24805057  | 25352205  | 25714505  | 25290589  | 1.81   | cps   |
| Arsenic    | 75-2  | 546966    | 548374    | 549229    | 548190    | 0.21   | cps   |
| Barium     | 135-1 | 30371066  | 30928394  | 30954870  | 30751443  | 1.07   | cps   |
| Barium     | 137-1 | 53026836  | 52730683  | 52882413  | 52879977  | 0.28   | cps   |
| Beryllium  | 9-1   | 5345930   | 5353820   | 5394478   | 5364742   | 0.49   | cps   |
| Bismuth    | 209-1 | 4379380   | 4455487   | 4449526   | 4428131   | 0.96   | cps   |
| Bismuth    | 209-2 | 2125890   | 2096582   | 2136912   | 2119795   | 0.98   | cps   |
| Bromine    | 81-1  | 25497     | 25814     | 24749     | 25353     | 2.16   | cps   |
| Cadmium    | 108-1 | 478522    | 478562    | 487481    | 481522    | 1.07   | cps   |
| Cadmium    | 106-1 | 692074    | 699112    | 707821    | 699669    | 1.13   | cps   |
| Cadmium    | 111-1 | 6318744   | 6246338   | 6320407   | 6295163   | 0.67   | cps   |
| Calcium    | 43-1  | 7488344   | 7579488   | 7703736   | 7590523   | 1.42   | cps   |
| Calcium    | 44-1  | 123641338 | 126487848 | 126514058 | 125547748 | 1.32   | cps   |
| Carbon     | 12-1  | 5650064   | 5981415   | 6099203   | 5910227   | 3.94   | cps   |
| Carbon     | 12-2  | 46587     | 46971     | 47212     | 46923     | 0.67   | cps   |
| Chlorine   | 35-1  | 175668    | 182012    | 185475    | 181052    | 2.75   | cps   |
| Chlorine   | 35-2  | 697       | 723       | 823       | 748       | 8.93   | cps   |
| Chromium   | 52-2  | 5324208   | 5361070   | 5417156   | 5367478   | 0.87   | cps   |
| Cobalt     | 59-2  | 9773370   | 9771967   | 9861430   | 9802256   | 0.52   | cps   |
| Copper     | 63-2  | 76755562  | 77123489  | 76904842  | 76927964  | 0.24   | cps   |
| Dysprosium | 156-1 | 517       | 530       | 577       | 541       | 5.82   | cps   |
| Dysprosium | 156-2 | 63        | 90        | 80        | 78        | 17.32  | cps   |
| Erbium     | 164-1 | 267       | 310       | 313       | 297       | 8.78   | cps   |
| Erbium     | 164-2 | 133       | 103       | 140       | 126       | 15.55  | cps   |
| Gadolinium | 160-1 | 273       | 337       | 253       | 288       | 15.12  | cps   |
| Gadolinium | 160-2 | 93        | 57        | 100       | 83        | 28.00  | cps   |
| Holmium    | 165-1 | 7751773   | 7961569   | 7842924   | 7852089   | 1.34   | cps   |
| Holmium    | 165-2 | 3189474   | 3173866   | 3185170   | 3182837   | 0.25   | cps   |
| Indium     | 115-1 | 6009687   | 6015672   | 5997573   | 6007644   | 0.15   | cps   |
| Indium     | 115-2 | 630722    | 628580    | 635173    | 631492    | 0.53   | cps   |
| Iron       | 54-2  | 10892031  | 11043042  | 11124609  | 11019894  | 1.07   | cps   |
| Iron       | 56-2  | 205948244 | 200870017 | 202131024 | 202983095 | 1.30   | cps   |
| Iron       | 57-2  | 5140312   | 5081929   | 5084858   | 5102366   | 0.64   | cps   |
| Krypton    | 83-1  | 390       | 423       | 320       | 378       | 13.96  | cps   |
| Lead       | 206-1 | 92177215  | 91834505  | 92605209  | 92205643  | 0.42   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 76086862  | 77579349  | 78026431  | 77230881  | 1.32   | cps   |
| Lead       | 208-1 | 353981348 | 357170378 | 362739316 | 357963681 | 1.24   | cps   |
| Lithium    | 6-1   | 2251373   | 2255431   | 2320630   | 2275811   | 1.71   | cps   |
| Magnesium  | 24-2  | 29178477  | 29009357  | 28890857  | 29026230  | 0.50   | cps   |
| Manganese  | 55-2  | 22939340  | 22700051  | 22834895  | 22824762  | 0.53   | cps   |
| Molybdenum | 94-1  | 90841989  | 91146749  | 89661005  | 90549914  | 0.87   | cps   |
| Molybdenum | 95-1  | 130182818 | 128844625 | 129826275 | 129617906 | 0.53   | cps   |
| Molybdenum | 96-1  | 140112221 | 140124845 | 143334181 | 141190416 | 1.31   | cps   |
| Molybdenum | 97-1  | 78913072  | 80033699  | 80016415  | 79654395  | 0.81   | cps   |
| Molybdenum | 98-1  | 208221224 | 208570104 | 208258844 | 208350057 | 0.09   | cps   |
| Neodymium  | 150-1 | 2007      | 1907      | 1967      | 1960      | 2.57   | cps   |
| Neodymium  | 150-2 | 77        | 57        | 127       | 87        | 41.60  | cps   |
| Nickel     | 60-2  | 2830545   | 2794489   | 2797118   | 2807384   | 0.72   | cps   |
| Phosphorus | 31-2  | 84038     | 83478     | 84688     | 84068     | 0.72   | cps   |
| Potassium  | 39-2  | 9810490   | 9830403   | 9890617   | 9843837   | 0.42   | cps   |
| Rhodium    | 103-1 | 5650992   | 5767275   | 5671134   | 5696467   | 1.09   | cps   |
| Rhodium    | 103-2 | 2536962   | 2497178   | 2562673   | 2532271   | 1.30   | cps   |
| Scandium   | 45-1  | 4046404   | 4071792   | 4089687   | 4069294   | 0.53   | cps   |
| Scandium   | 45-2  | 86790     | 87980     | 88332     | 87701     | 0.92   | cps   |
| Selenium   | 82-1  | 371571    | 380297    | 382607    | 378159    | 1.54   | cps   |
| Selenium   | 77-2  | 7269      | 7412      | 7105      | 7262      | 2.11   | cps   |
| Selenium   | 78-2  | 24668     | 24304     | 24288     | 24420     | 0.88   | cps   |
| Silicon    | 28-1  | 14803587  | 15027794  | 15337915  | 15056432  | 1.78   | cps   |
| Silver     | 107-1 | 31340871  | 31258291  | 31735385  | 31444849  | 0.81   | cps   |
| Silver     | 109-1 | 29229663  | 29830849  | 30454737  | 29838416  | 2.05   | cps   |
| Sodium     | 23-2  | 57622556  | 56934931  | 57173559  | 57243682  | 0.61   | cps   |
| Strontium  | 86-1  | 8379154   | 8433494   | 8338581   | 8383743   | 0.57   | cps   |
| Strontium  | 88-1  | 72244472  | 73690067  | 74582359  | 73505633  | 1.61   | cps   |
| Sulfur     | 34-1  | 2303107   | 2322561   | 2289165   | 2304944   | 0.73   | cps   |
| Terbium    | 159-1 | 7880152   | 8071377   | 8056926   | 8002819   | 1.33   | cps   |
| Terbium    | 159-2 | 3149793   | 3115121   | 3071525   | 3112146   | 1.26   | cps   |
| Thallium   | 203-1 | 22458117  | 22530535  | 22506493  | 22498382  | 0.16   | cps   |
| Thallium   | 205-1 | 53348416  | 53217066  | 53999729  | 53521737  | 0.78   | cps   |
| Tin        | 118-1 | 20656281  | 20840123  | 21085176  | 20860527  | 1.03   | cps   |
| Titanium   | 47-1  | 34509949  | 35274717  | 34908453  | 34897706  | 1.10   | cps   |
| Uranium    | 238-1 | 68055182  | 68399204  | 69407157  | 68620515  | 1.02   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S7 Instrumnet Name : P8  
Client Sample ID : S7 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:27:24 DataFile Name : 011CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 3979192  | 4013778  | 4086172  | 4026380  | 1.36   | cps   |
| Ytterbium | 172-1 | 337      | 390      | 383      | 370      | 7.85   | cps   |
| Ytterbium | 172-2 | 197      | 213      | 160      | 190      | 14.36  | cps   |
| Ytterbium | 176-1 | 106596   | 107866   | 109752   | 108071   | 1.47   | cps   |
| Ytterbium | 176-2 | 43485    | 42712    | 43776    | 43324    | 1.27   | cps   |
| Yttrium   | 89-1  | 11577893 | 11772593 | 11748071 | 11699519 | 0.91   | cps   |
| Yttrium   | 89-2  | 903785   | 900029   | 908591   | 904135   | 0.47   | cps   |
| Zinc      | 66-2  | 8676151  | 8689709  | 8758358  | 8708073  | 0.51   | cps   |
| Zirconium | 90-1  | 45271269 | 45527039 | 44912448 | 45236919 | 0.68   | cps   |
| Zirconium | 91-1  | 9993534  | 10078957 | 9960056  | 10010849 | 0.61   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CALS.d

| Parameter  | Mass  | CPS1       | CPS2       | CPS3      | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|-----------|------------|--------|-------|
| Aluminium  | 27-2  | 8793450    | 8810788    | 8525542   | 8709927    | 1.84   | cps   |
| Antimony   | 121-1 | 13947      | 13233      | 12900     | 13360      | 4.01   | cps   |
| Arsenic    | 75-2  | 280        | 373        | 340       | 331        | 14.28  | cps   |
| Barium     | 135-1 | 12102      | 12122      | 11575     | 11933      | 2.60   | cps   |
| Barium     | 137-1 | 21133      | 20829      | 19968     | 20644      | 2.93   | cps   |
| Beryllium  | 9-1   | 721        | 595        | 549       | 622        | 14.36  | cps   |
| Bismuth    | 209-1 | 3976898    | 3970233    | 3941288   | 3962807    | 0.48   | cps   |
| Bismuth    | 209-2 | 1985567    | 1920122    | 1945529   | 1950406    | 1.69   | cps   |
| Bromine    | 81-1  | 23273      | 24425      | 24201     | 23966      | 2.55   | cps   |
| Cadmium    | 108-1 | 190        | 147        | 177       | 171        | 12.97  | cps   |
| Cadmium    | 106-1 | 4114       | 4121       | 4047      | 4094       | 0.99   | cps   |
| Cadmium    | 111-1 | 3754       | 3605       | 3700      | 3686       | 2.04   | cps   |
| Calcium    | 43-1  | 37666533   | 36819726   | 37166770  | 37217676   | 1.14   | cps   |
| Calcium    | 44-1  | 622311284  | 610664698  | 617934564 | 616970182  | 0.95   | cps   |
| Carbon     | 12-1  | 4521521    | 4540732    | 4424844   | 4495699    | 1.38   | cps   |
| Carbon     | 12-2  | 39546      | 39242      | 39149     | 39312      | 0.53   | cps   |
| Chlorine   | 35-1  | 120668     | 121451     | 120587    | 120902     | 0.39   | cps   |
| Chlorine   | 35-2  | 560        | 560        | 563       | 561        | 0.34   | cps   |
| Chromium   | 52-2  | 48164      | 47783      | 47101     | 47682      | 1.13   | cps   |
| Cobalt     | 59-2  | 22060      | 21510      | 20999     | 21523      | 2.47   | cps   |
| Copper     | 63-2  | 21132      | 21156      | 20532     | 20940      | 1.69   | cps   |
| Dysprosium | 156-1 | 883        | 853        | 913       | 883        | 3.40   | cps   |
| Dysprosium | 156-2 | 297        | 293        | 320       | 303        | 4.79   | cps   |
| Erbium     | 164-1 | 990        | 960        | 1077      | 1009       | 6.01   | cps   |
| Erbium     | 164-2 | 473        | 443        | 373       | 430        | 11.93  | cps   |
| Gadolinium | 160-1 | 783        | 830        | 850       | 821        | 4.17   | cps   |
| Gadolinium | 160-2 | 357        | 390        | 343       | 363        | 6.62   | cps   |
| Holmium    | 165-1 | 7563007    | 7347812    | 7387978   | 7432932    | 1.54   | cps   |
| Holmium    | 165-2 | 3147303    | 3153362    | 3150610   | 3150425    | 0.10   | cps   |
| Indium     | 115-1 | 5976127    | 5968697    | 5893579   | 5946134    | 0.77   | cps   |
| Indium     | 115-2 | 704379     | 697486     | 699503    | 700456     | 0.51   | cps   |
| Iron       | 54-2  | 54867008   | 53817899   | 52489541  | 53724816   | 2.22   | cps   |
| Iron       | 56-2  | 1020289558 | 1008913692 | 980371319 | 1003191523 | 2.05   | cps   |
| Iron       | 57-2  | 25360962   | 25090721   | 24756272  | 25069319   | 1.21   | cps   |
| Krypton    | 83-1  | 337        | 343        | 313       | 331        | 4.76   | cps   |
| Lead       | 206-1 | 95515      | 95368      | 94226     | 95037      | 0.74   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 82648     | 80783     | 79418     | 80950     | 2.00   | cps   |
| Lead       | 208-1 | 376943    | 373587    | 369054    | 373195    | 1.06   | cps   |
| Lithium    | 6-1   | 2120474   | 2157451   | 2176721   | 2151549   | 1.33   | cps   |
| Magnesium  | 24-2  | 150448758 | 149437218 | 146488668 | 148791548 | 1.38   | cps   |
| Manganese  | 55-2  | 12115     | 12429     | 12285     | 12276     | 1.28   | cps   |
| Molybdenum | 94-1  | 17434     | 17154     | 16897     | 17162     | 1.57   | cps   |
| Molybdenum | 95-1  | 17041     | 16093     | 16543     | 16559     | 2.86   | cps   |
| Molybdenum | 96-1  | 30577     | 30116     | 29525     | 30073     | 1.75   | cps   |
| Molybdenum | 97-1  | 10467     | 10000     | 9750      | 10073     | 3.61   | cps   |
| Molybdenum | 98-1  | 25868     | 24305     | 23984     | 24719     | 4.08   | cps   |
| Neodymium  | 150-1 | 463       | 443       | 490       | 466       | 5.03   | cps   |
| Neodymium  | 150-2 | 150       | 127       | 123       | 133       | 10.89  | cps   |
| Nickel     | 60-2  | 13483     | 13543     | 13326     | 13451     | 0.83   | cps   |
| Phosphorus | 31-2  | 187       | 137       | 183       | 169       | 16.55  | cps   |
| Potassium  | 39-2  | 53371159  | 53237581  | 52338376  | 52982372  | 1.06   | cps   |
| Rhodium    | 103-1 | 5231027   | 5157948   | 5194027   | 5194334   | 0.70   | cps   |
| Rhodium    | 103-2 | 2303628   | 2310335   | 2294898   | 2302954   | 0.34   | cps   |
| Scandium   | 45-1  | 4027808   | 3922674   | 3988342   | 3979608   | 1.33   | cps   |
| Scandium   | 45-2  | 87789     | 86575     | 86646     | 87003     | 0.78   | cps   |
| Selenium   | 82-1  | 380       | 257       | 380       | 339       | 21.01  | cps   |
| Selenium   | 77-2  | 3         | 13        | 7         | 8         | 65.47  | cps   |
| Selenium   | 78-2  | 23        | 20        | 40        | 28        | 38.58  | cps   |
| Silicon    | 28-1  | 776694    | 738993    | 710170    | 741952    | 4.50   | cps   |
| Silver     | 107-1 | 3200      | 2924      | 2697      | 2940      | 8.58   | cps   |
| Silver     | 109-1 | 3050      | 2824      | 2597      | 2824      | 8.03   | cps   |
| Sodium     | 23-2  | 303813402 | 296602216 | 294195056 | 298203558 | 1.68   | cps   |
| Strontium  | 86-1  | 27313     | 26609     | 26655     | 26859     | 1.47   | cps   |
| Strontium  | 88-1  | 230861    | 229781    | 229504    | 230048    | 0.31   | cps   |
| Sulfur     | 34-1  | 448844    | 453759    | 459344    | 453982    | 1.16   | cps   |
| Terbium    | 159-1 | 7665972   | 7722128   | 7520168   | 7636089   | 1.37   | cps   |
| Terbium    | 159-2 | 3047546   | 3029371   | 3009790   | 3028902   | 0.62   | cps   |
| Thallium   | 203-1 | 1920      | 1637      | 1450      | 1669      | 14.18  | cps   |
| Thallium   | 205-1 | 4421      | 3641      | 3330      | 3797      | 14.80  | cps   |
| Tin        | 118-1 | 6138      | 6298      | 6592      | 6343      | 3.63   | cps   |
| Titanium   | 47-1  | 2430      | 2697      | 2527      | 2551      | 5.29   | cps   |
| Uranium    | 238-1 | 2967      | 2764      | 2434      | 2721      | 9.89   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : S8 Instrumnet Name : P8  
Client Sample ID : S8 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:30:11 DataFile Name : 012CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 1197     | 1140     | 1187     | 1175     | 2.58   | cps   |
| Ytterbium | 172-1 | 1707     | 1650     | 1683     | 1680     | 1.70   | cps   |
| Ytterbium | 172-2 | 840      | 783      | 713      | 779      | 8.15   | cps   |
| Ytterbium | 176-1 | 1997     | 1944     | 2020     | 1987     | 1.98   | cps   |
| Ytterbium | 176-2 | 733      | 800      | 690      | 741      | 7.48   | cps   |
| Yttrium   | 89-1  | 11254940 | 11366007 | 11195566 | 11272171 | 0.77   | cps   |
| Yttrium   | 89-2  | 926317   | 927780   | 930580   | 928226   | 0.23   | cps   |
| Zinc      | 66-2  | 54026    | 53470    | 52330    | 53275    | 1.62   | cps   |
| Zirconium | 90-1  | 20692    | 20375    | 20762    | 20610    | 1.00   | cps   |
| Zirconium | 91-1  | 4531     | 4614     | 4577     | 4574     | 0.91   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 46267   | 46478   | 45080   | 45941   | 1.64   | cps   |
| Antimony   | 121-1 | 5351681 | 5353688 | 5452118 | 5385829 | 1.07   | cps   |
| Arsenic    | 75-2  | 123099  | 121794  | 120150  | 121681  | 1.21   | cps   |
| Barium     | 135-1 | 635199  | 636925  | 645994  | 639373  | 0.91   | cps   |
| Barium     | 137-1 | 1101873 | 1102001 | 1106325 | 1103400 | 0.23   | cps   |
| Beryllium  | 9-1   | 658779  | 661976  | 662669  | 661141  | 0.31   | cps   |
| Bismuth    | 209-1 | 5056718 | 5086934 | 5030568 | 5058074 | 0.56   | cps   |
| Bismuth    | 209-2 | 2471891 | 2500180 | 2505022 | 2492364 | 0.72   | cps   |
| Bromine    | 81-1  | 28282   | 27287   | 27400   | 27656   | 1.97   | cps   |
| Cadmium    | 108-1 | 44435   | 45214   | 44140   | 44596   | 1.24   | cps   |
| Cadmium    | 106-1 | 65679   | 65146   | 66272   | 65699   | 0.86   | cps   |
| Cadmium    | 111-1 | 679544  | 683437  | 696742  | 686575  | 1.31   | cps   |
| Calcium    | 43-1  | 165446  | 164786  | 167129  | 165787  | 0.73   | cps   |
| Calcium    | 44-1  | 2745862 | 2778062 | 2825071 | 2782998 | 1.43   | cps   |
| Carbon     | 12-1  | 4432220 | 4461112 | 4489045 | 4460792 | 0.64   | cps   |
| Carbon     | 12-2  | 30158   | 29994   | 29693   | 29948   | 0.79   | cps   |
| Chlorine   | 35-1  | 104248  | 103198  | 104131  | 103859  | 0.55   | cps   |
| Chlorine   | 35-2  | 483     | 437     | 500     | 473     | 6.94   | cps   |
| Chromium   | 52-2  | 614989  | 615068  | 605109  | 611722  | 0.94   | cps   |
| Cobalt     | 59-2  | 1172461 | 1159583 | 1139882 | 1157309 | 1.42   | cps   |
| Copper     | 63-2  | 928963  | 921992  | 912039  | 920998  | 0.92   | cps   |
| Dysprosium | 156-1 | 13      | 30      | 13      | 19      | 50.96  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 63      | 63      | 70      | 66      | 5.87   | cps   |
| Erbium     | 164-2 | 37      | 20      | 23      | 27      | 33.08  | cps   |
| Gadolinium | 160-1 | 103     | 73      | 77      | 84      | 19.48  | cps   |
| Gadolinium | 160-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Holmium    | 165-1 | 8127819 | 8301819 | 8315227 | 8248288 | 1.27   | cps   |
| Holmium    | 165-2 | 3457663 | 3537054 | 3460046 | 3484921 | 1.30   | cps   |
| Indium     | 115-1 | 7057596 | 7171767 | 7146207 | 7125190 | 0.84   | cps   |
| Indium     | 115-2 | 826802  | 820880  | 820114  | 822599  | 0.44   | cps   |
| Iron       | 54-2  | 508452  | 503014  | 497573  | 503013  | 1.08   | cps   |
| Iron       | 56-2  | 9222994 | 9113763 | 8862257 | 9066338 | 2.04   | cps   |
| Iron       | 57-2  | 226816  | 224164  | 223662  | 224881  | 0.75   | cps   |
| Krypton    | 83-1  | 277     | 323     | 317     | 306     | 8.26   | cps   |
| Lead       | 206-1 | 3973305 | 4134248 | 4035451 | 4047668 | 2.01   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 3276319  | 3350352  | 3336289  | 3320987  | 1.18   | cps   |
| Lead       | 208-1 | 15346941 | 15670426 | 15607378 | 15541582 | 1.10   | cps   |
| Lithium    | 6-1   | 2563364  | 2549717  | 2612047  | 2575043  | 1.27   | cps   |
| Magnesium  | 24-2  | 385408   | 384894   | 379904   | 383402   | 0.79   | cps   |
| Manganese  | 55-2  | 281011   | 277968   | 277210   | 278729   | 0.72   | cps   |
| Molybdenum | 94-1  | 887      | 980      | 970      | 946      | 5.42   | cps   |
| Molybdenum | 95-1  | 427      | 477      | 483      | 462      | 6.70   | cps   |
| Molybdenum | 96-1  | 843      | 1097     | 970      | 970      | 13.06  | cps   |
| Molybdenum | 97-1  | 300      | 343      | 267      | 303      | 12.67  | cps   |
| Molybdenum | 98-1  | 763      | 823      | 753      | 780      | 4.85   | cps   |
| Neodymium  | 150-1 | 50       | 87       | 23       | 53       | 59.63  | cps   |
| Neodymium  | 150-2 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Nickel     | 60-2  | 325612   | 327498   | 319319   | 324143   | 1.32   | cps   |
| Phosphorus | 31-2  | 147      | 100      | 140      | 129      | 19.58  | cps   |
| Potassium  | 39-2  | 456136   | 456882   | 452369   | 455129   | 0.53   | cps   |
| Rhodium    | 103-1 | 6845454  | 6725817  | 6737913  | 6769728  | 0.97   | cps   |
| Rhodium    | 103-2 | 2997775  | 2960407  | 2970681  | 2976288  | 0.65   | cps   |
| Scandium   | 45-1  | 4541829  | 4593589  | 4584172  | 4573197  | 0.60   | cps   |
| Scandium   | 45-2  | 98081    | 97186    | 97095    | 97454    | 0.56   | cps   |
| Selenium   | 82-1  | 87224    | 86739    | 88113    | 87359    | 0.80   | cps   |
| Selenium   | 77-2  | 1787     | 1790     | 1710     | 1762     | 2.57   | cps   |
| Selenium   | 78-2  | 5945     | 6058     | 5731     | 5911     | 2.81   | cps   |
| Silicon    | 28-1  | 503920   | 504625   | 494102   | 500883   | 1.17   | cps   |
| Silver     | 107-1 | 1770786  | 1784666  | 1813315  | 1789589  | 1.21   | cps   |
| Silver     | 109-1 | 1676419  | 1720959  | 1730758  | 1709378  | 1.69   | cps   |
| Sodium     | 23-2  | 1348714  | 1356246  | 1337757  | 1347572  | 0.69   | cps   |
| Strontium  | 86-1  | 2660     | 2517     | 2617     | 2598     | 2.83   | cps   |
| Strontium  | 88-1  | 18809    | 19414    | 19360    | 19194    | 1.74   | cps   |
| Sulfur     | 34-1  | 532211   | 528143   | 528007   | 529454   | 0.45   | cps   |
| Terbium    | 159-1 | 8671653  | 8609404  | 8636331  | 8639129  | 0.36   | cps   |
| Terbium    | 159-2 | 3400601  | 3350491  | 3328374  | 3359822  | 1.10   | cps   |
| Thallium   | 203-1 | 4827473  | 4976785  | 4819010  | 4874423  | 1.82   | cps   |
| Thallium   | 205-1 | 11515609 | 11716159 | 11282298 | 11504688 | 1.89   | cps   |
| Tin        | 118-1 | 4231     | 4397     | 4084     | 4237     | 3.70   | cps   |
| Titanium   | 47-1  | 293      | 340      | 243      | 292      | 16.54  | cps   |
| Uranium    | 238-1 | 170      | 210      | 240      | 207      | 17.00  | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICV01 Instrumnet Name : P8  
Client Sample ID : ICV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 15:56:54 DataFile Name : 017ICV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 453327   | 454931   | 444385   | 450881   | 1.26   | cps   |
| Ytterbium | 172-1 | 50       | 50       | 70       | 57       | 20.38  | cps   |
| Ytterbium | 172-2 | 13       | 23       | 27       | 21       | 32.88  | cps   |
| Ytterbium | 176-1 | 1010     | 1073     | 1083     | 1056     | 3.77   | cps   |
| Ytterbium | 176-2 | 323      | 260      | 263      | 282      | 12.63  | cps   |
| Yttrium   | 89-1  | 13096299 | 12941614 | 12759381 | 12932431 | 1.30   | cps   |
| Yttrium   | 89-2  | 1036409  | 1019350  | 1026178  | 1027312  | 0.84   | cps   |
| Zinc      | 66-2  | 199974   | 197882   | 194482   | 197446   | 1.40   | cps   |
| Zirconium | 90-1  | 1527     | 1657     | 1593     | 1592     | 4.08   | cps   |
| Zirconium | 91-1  | 1233     | 1097     | 1110     | 1147     | 6.57   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2317    | 2164    | 2300    | 2260    | 3.72   | cps   |
| Antimony   | 121-1 | 55981   | 55763   | 55392   | 55712   | 0.53   | cps   |
| Arsenic    | 75-2  | 660     | 690     | 653     | 668     | 2.92   | cps   |
| Barium     | 135-1 | 66696   | 66355   | 66894   | 66648   | 0.41   | cps   |
| Barium     | 137-1 | 114428  | 116284  | 114899  | 115204  | 0.84   | cps   |
| Beryllium  | 9-1   | 7248    | 7258    | 7291    | 7266    | 0.31   | cps   |
| Bismuth    | 209-1 | 5056914 | 4919711 | 5006665 | 4994430 | 1.39   | cps   |
| Bismuth    | 209-2 | 2531514 | 2487099 | 2509181 | 2509264 | 0.89   | cps   |
| Bromine    | 81-1  | 28399   | 28626   | 28569   | 28531   | 0.41   | cps   |
| Cadmium    | 108-1 | 583     | 580     | 570     | 578     | 1.20   | cps   |
| Cadmium    | 106-1 | 4984    | 5271    | 5294    | 5183    | 3.33   | cps   |
| Cadmium    | 111-1 | 10479   | 10162   | 10419   | 10353   | 1.63   | cps   |
| Calcium    | 43-1  | 47217   | 46539   | 47652   | 47136   | 1.19   | cps   |
| Calcium    | 44-1  | 773774  | 784455  | 783793  | 780674  | 0.77   | cps   |
| Carbon     | 12-1  | 4013757 | 4030911 | 3964621 | 4003096 | 0.86   | cps   |
| Carbon     | 12-2  | 27132   | 26414   | 26494   | 26680   | 1.47   | cps   |
| Chlorine   | 35-1  | 99005   | 97891   | 98660   | 98519   | 0.58   | cps   |
| Chlorine   | 35-2  | 363     | 403     | 433     | 400     | 8.78   | cps   |
| Chromium   | 52-2  | 14998   | 14871   | 14524   | 14798   | 1.66   | cps   |
| Cobalt     | 59-2  | 13133   | 13153   | 12729   | 13005   | 1.84   | cps   |
| Copper     | 63-2  | 21283   | 22237   | 21076   | 21532   | 2.88   | cps   |
| Dysprosium | 156-1 | 33      | 13      | 37      | 28      | 45.44  | cps   |
| Dysprosium | 156-2 | 7       | 10      | 0       | 6       | 91.64  | cps   |
| Erbium     | 164-1 | 57      | 67      | 40      | 54      | 24.75  | cps   |
| Erbium     | 164-2 | 23      | 17      | 27      | 22      | 22.91  | cps   |
| Gadolinium | 160-1 | 87      | 90      | 50      | 76      | 29.38  | cps   |
| Gadolinium | 160-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Holmium    | 165-1 | 8239705 | 8078396 | 8267236 | 8195113 | 1.24   | cps   |
| Holmium    | 165-2 | 3491356 | 3486258 | 3541340 | 3506318 | 0.87   | cps   |
| Indium     | 115-1 | 7271978 | 7159703 | 7172341 | 7201340 | 0.85   | cps   |
| Indium     | 115-2 | 836246  | 826796  | 837554  | 833532  | 0.70   | cps   |
| Iron       | 54-2  | 15025   | 14437   | 14975   | 14812   | 2.20   | cps   |
| Iron       | 56-2  | 262160  | 263071  | 257157  | 260796  | 1.22   | cps   |
| Iron       | 57-2  | 6668    | 6315    | 6158    | 6380    | 4.10   | cps   |
| Krypton    | 83-1  | 283     | 327     | 300     | 303     | 7.21   | cps   |
| Lead       | 206-1 | 20917   | 20843   | 21134   | 20965   | 0.72   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 17749   | 18166   | 17979   | 17965   | 1.16   | cps   |
| Lead       | 208-1 | 81821   | 82539   | 83894   | 82751   | 1.27   | cps   |
| Lithium    | 6-1   | 2527713 | 2552993 | 2580976 | 2553894 | 1.04   | cps   |
| Magnesium  | 24-2  | 188897  | 186663  | 184864  | 186808  | 1.08   | cps   |
| Manganese  | 55-2  | 26177   | 26344   | 25677   | 26066   | 1.33   | cps   |
| Molybdenum | 94-1  | 58666   | 60404   | 58891   | 59320   | 1.59   | cps   |
| Molybdenum | 95-1  | 71978   | 72022   | 72793   | 72264   | 0.63   | cps   |
| Molybdenum | 96-1  | 79402   | 79234   | 80572   | 79736   | 0.91   | cps   |
| Molybdenum | 97-1  | 44100   | 44852   | 44785   | 44579   | 0.93   | cps   |
| Molybdenum | 98-1  | 114565  | 113627  | 114586  | 114260  | 0.48   | cps   |
| Neodymium  | 150-1 | 17      | 10      | 23      | 17      | 39.99  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 4181    | 4307    | 4084    | 4191    | 2.67   | cps   |
| Phosphorus | 31-2  | 307     | 313     | 257     | 292     | 10.60  | cps   |
| Potassium  | 39-2  | 140116  | 140539  | 139910  | 140188  | 0.23   | cps   |
| Rhodium    | 103-1 | 6817318 | 6775208 | 6796619 | 6796382 | 0.31   | cps   |
| Rhodium    | 103-2 | 3068539 | 3047921 | 2990354 | 3035605 | 1.33   | cps   |
| Scandium   | 45-1  | 4619792 | 4701404 | 4622753 | 4647983 | 1.00   | cps   |
| Scandium   | 45-2  | 101284  | 99820   | 101828  | 100977  | 1.03   | cps   |
| Selenium   | 82-1  | 2244    | 2384    | 2190    | 2272    | 4.40   | cps   |
| Selenium   | 77-2  | 43      | 70      | 53      | 56      | 24.25  | cps   |
| Selenium   | 78-2  | 163     | 180     | 177     | 173     | 5.09   | cps   |
| Silicon    | 28-1  | 584704  | 601226  | 592406  | 592779  | 1.39   | cps   |
| Silver     | 107-1 | 35275   | 35987   | 36358   | 35873   | 1.53   | cps   |
| Silver     | 109-1 | 33634   | 34172   | 34490   | 34099   | 1.27   | cps   |
| Sodium     | 23-2  | 412453  | 407215  | 407322  | 408997  | 0.73   | cps   |
| Strontium  | 86-1  | 9827    | 10314   | 10254   | 10132   | 2.62   | cps   |
| Strontium  | 88-1  | 83642   | 82911   | 83645   | 83399   | 0.51   | cps   |
| Sulfur     | 34-1  | 550338  | 553627  | 547909  | 550625  | 0.52   | cps   |
| Terbium    | 159-1 | 8545868 | 8655062 | 8470890 | 8557273 | 1.08   | cps   |
| Terbium    | 159-2 | 3426770 | 3374561 | 3436040 | 3412457 | 0.97   | cps   |
| Thallium   | 203-1 | 25081   | 24396   | 24109   | 24529   | 2.04   | cps   |
| Thallium   | 205-1 | 57995   | 57946   | 58303   | 58081   | 0.33   | cps   |
| Tin        | 118-1 | 118373  | 118605  | 120562  | 119180  | 1.01   | cps   |
| Titanium   | 47-1  | 20765   | 21049   | 20945   | 20920   | 0.69   | cps   |
| Uranium    | 238-1 | 71094   | 72787   | 73012   | 72298   | 1.45   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : LLICV Instrumnet Name : P8  
Client Sample ID : LLICV Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:09:07 DataFile Name : 020LLIC.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 24565    | 24962    | 24765    | 24764    | 0.80   | cps   |
| Ytterbium | 172-1 | 60       | 47       | 40       | 49       | 20.83  | cps   |
| Ytterbium | 172-2 | 20       | 7        | 23       | 17       | 52.90  | cps   |
| Ytterbium | 176-1 | 1130     | 1147     | 1147     | 1141     | 0.84   | cps   |
| Ytterbium | 176-2 | 260      | 327      | 293      | 293      | 11.36  | cps   |
| Yttrium   | 89-1  | 12991794 | 12992682 | 12675173 | 12886550 | 1.42   | cps   |
| Yttrium   | 89-2  | 1055841  | 1042579  | 1049275  | 1049232  | 0.63   | cps   |
| Zinc      | 66-2  | 7045     | 7038     | 7012     | 7032     | 0.25   | cps   |
| Zirconium | 90-1  | 50267    | 51789    | 50337    | 50798    | 1.69   | cps   |
| Zirconium | 91-1  | 11562    | 11258    | 11121    | 11314    | 1.99   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 267     | 297     | 257     | 273     | 7.62   | cps   |
| Antimony   | 121-1 | 203     | 293     | 207     | 234     | 21.76  | cps   |
| Arsenic    | 75-2  | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Barium     | 135-1 | 137     | 160     | 147     | 148     | 7.92   | cps   |
| Barium     | 137-1 | 270     | 210     | 243     | 241     | 12.47  | cps   |
| Beryllium  | 9-1   | 120     | 97      | 94      | 104     | 13.69  | cps   |
| Bismuth    | 209-1 | 5014522 | 5013232 | 4980846 | 5002866 | 0.38   | cps   |
| Bismuth    | 209-2 | 2477462 | 2505809 | 2462069 | 2481780 | 0.89   | cps   |
| Bromine    | 81-1  | 28549   | 28335   | 28579   | 28488   | 0.47   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 10      | 12      | 15.73  | cps   |
| Cadmium    | 106-1 | 4474    | 4524    | 4404    | 4467    | 1.35   | cps   |
| Cadmium    | 111-1 | 3159    | 3194    | 3096    | 3150    | 1.58   | cps   |
| Calcium    | 43-1  | 1277    | 1263    | 1303    | 1281    | 1.59   | cps   |
| Calcium    | 44-1  | 31267   | 31441   | 31391   | 31367   | 0.29   | cps   |
| Carbon     | 12-1  | 4234721 | 4320677 | 4242419 | 4265939 | 1.11   | cps   |
| Carbon     | 12-2  | 29723   | 29186   | 29102   | 29337   | 1.15   | cps   |
| Chlorine   | 35-1  | 139535  | 142695  | 142416  | 141549  | 1.24   | cps   |
| Chlorine   | 35-2  | 597     | 593     | 597     | 596     | 0.32   | cps   |
| Chromium   | 52-2  | 1423    | 1263    | 1273    | 1320    | 6.79   | cps   |
| Cobalt     | 59-2  | 80      | 100     | 90      | 90      | 11.11  | cps   |
| Copper     | 63-2  | 1897    | 1947    | 1993    | 1946    | 2.48   | cps   |
| Dysprosium | 156-1 | 3       | 20      | 3       | 9       | 108.30 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 47      | 77      | 43      | 56      | 33.05  | cps   |
| Erbium     | 164-2 | 20      | 20      | 13      | 18      | 21.66  | cps   |
| Gadolinium | 160-1 | 70      | 73      | 77      | 73      | 4.55   | cps   |
| Gadolinium | 160-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 8341839 | 8040672 | 8301048 | 8227853 | 1.99   | cps   |
| Holmium    | 165-2 | 3429273 | 3469282 | 3481122 | 3459892 | 0.79   | cps   |
| Indium     | 115-1 | 7109393 | 7302343 | 7182789 | 7198175 | 1.35   | cps   |
| Indium     | 115-2 | 833023  | 837058  | 830546  | 833543  | 0.39   | cps   |
| Iron       | 54-2  | 1373    | 1380    | 1520    | 1425    | 5.81   | cps   |
| Iron       | 56-2  | 21326   | 21166   | 22188   | 21560   | 2.55   | cps   |
| Iron       | 57-2  | 580     | 450     | 530     | 520     | 12.61  | cps   |
| Krypton    | 83-1  | 290     | 237     | 357     | 294     | 20.42  | cps   |
| Lead       | 206-1 | 1350    | 1503    | 1517    | 1457    | 6.36   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 1177    | 1130    | 1083    | 1130    | 4.13   | cps   |
| Lead       | 208-1 | 5467    | 5531    | 5591    | 5529    | 1.12   | cps   |
| Lithium    | 6-1   | 2591451 | 2608134 | 2555143 | 2584909 | 1.05   | cps   |
| Magnesium  | 24-2  | 400     | 430     | 480     | 437     | 9.26   | cps   |
| Manganese  | 55-2  | 20725   | 20408   | 20154   | 20429   | 1.40   | cps   |
| Molybdenum | 94-1  | 460     | 500     | 593     | 518     | 13.21  | cps   |
| Molybdenum | 95-1  | 247     | 167     | 167     | 193     | 23.89  | cps   |
| Molybdenum | 96-1  | 280     | 267     | 287     | 278     | 3.67   | cps   |
| Molybdenum | 97-1  | 90      | 130     | 120     | 113     | 18.37  | cps   |
| Molybdenum | 98-1  | 270     | 280     | 247     | 266     | 6.44   | cps   |
| Neodymium  | 150-1 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1390    | 1440    | 1197    | 1342    | 9.57   | cps   |
| Phosphorus | 31-2  | 153     | 157     | 137     | 149     | 7.20   | cps   |
| Potassium  | 39-2  | 17915   | 18532   | 18332   | 18259   | 1.73   | cps   |
| Rhodium    | 103-1 | 6665546 | 6923295 | 6766397 | 6785080 | 1.91   | cps   |
| Rhodium    | 103-2 | 2999718 | 3040500 | 2989812 | 3010010 | 0.89   | cps   |
| Scandium   | 45-1  | 4651903 | 4715733 | 4685685 | 4684440 | 0.68   | cps   |
| Scandium   | 45-2  | 100629  | 99645   | 102005  | 100760  | 1.18   | cps   |
| Selenium   | 82-1  | 37      | 60      | -70     | 9       | 780.26 | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 20      | 37      | 17      | 24      | 43.83  | cps   |
| Silicon    | 28-1  | 493408  | 494635  | 495581  | 494541  | 0.22   | cps   |
| Silver     | 107-1 | 343     | 387     | 323     | 351     | 9.22   | cps   |
| Silver     | 109-1 | 317     | 320     | 283     | 307     | 6.61   | cps   |
| Sodium     | 23-2  | 41004   | 41151   | 40235   | 40797   | 1.21   | cps   |
| Strontium  | 86-1  | 543     | 520     | 533     | 532     | 2.20   | cps   |
| Strontium  | 88-1  | 633     | 673     | 643     | 650     | 3.20   | cps   |
| Sulfur     | 34-1  | 553508  | 555545  | 550300  | 553118  | 0.48   | cps   |
| Terbium    | 159-1 | 8507391 | 8544472 | 8439956 | 8497273 | 0.62   | cps   |
| Terbium    | 159-2 | 3420730 | 3371440 | 3369688 | 3387286 | 0.86   | cps   |
| Thallium   | 203-1 | 317     | 330     | 300     | 316     | 4.76   | cps   |
| Thallium   | 205-1 | 900     | 787     | 797     | 828     | 7.58   | cps   |
| Tin        | 118-1 | 4577    | 4394    | 4584    | 4519    | 2.39   | cps   |
| Titanium   | 47-1  | 240     | 220     | 253     | 238     | 7.06   | cps   |
| Uranium    | 238-1 | 127     | 123     | 137     | 129     | 5.38   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICB01 Instrumnet Name : P8  
Client Sample ID : ICB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:12:58 DataFile Name : 021CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 13       | 23       | 23       | 20       | 28.87  | cps   |
| Ytterbium | 172-1 | 67       | 27       | 37       | 43       | 48.03  | cps   |
| Ytterbium | 172-2 | 7        | 30       | 37       | 24       | 64.43  | cps   |
| Ytterbium | 176-1 | 1060     | 1033     | 1020     | 1038     | 1.96   | cps   |
| Ytterbium | 176-2 | 313      | 237      | 287      | 279      | 13.96  | cps   |
| Yttrium   | 89-1  | 12838952 | 12681817 | 12604993 | 12708587 | 0.94   | cps   |
| Yttrium   | 89-2  | 1048566  | 1033463  | 1044947  | 1042325  | 0.76   | cps   |
| Zinc      | 66-2  | 1627     | 1580     | 1603     | 1603     | 1.46   | cps   |
| Zirconium | 90-1  | 1157     | 1143     | 1260     | 1187     | 5.38   | cps   |
| Zirconium | 91-1  | 237      | 230      | 263      | 243      | 7.25   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9232773   | 9176213   | 9084494   | 9164493   | 0.82   | cps   |
| Antimony   | 121-1 | 33437     | 33919     | 32983     | 33446     | 1.40   | cps   |
| Arsenic    | 75-2  | 207       | 207       | 177       | 197       | 8.81   | cps   |
| Barium     | 135-1 | 9467      | 9463      | 9847      | 9592      | 2.30   | cps   |
| Barium     | 137-1 | 16490     | 16193     | 16781     | 16488     | 1.78   | cps   |
| Beryllium  | 9-1   | 1954      | 1960      | 1935      | 1949      | 0.67   | cps   |
| Bismuth    | 209-1 | 4395231   | 4420795   | 4571836   | 4462621   | 2.14   | cps   |
| Bismuth    | 209-2 | 2257177   | 2205044   | 2221383   | 2227868   | 1.20   | cps   |
| Bromine    | 81-1  | 31105     | 30834     | 31135     | 31024     | 0.53   | cps   |
| Cadmium    | 108-1 | 7005      | 7169      | 6932      | 7035      | 1.72   | cps   |
| Cadmium    | 106-1 | 4104      | 4084      | 3854      | 4014      | 3.46   | cps   |
| Cadmium    | 111-1 | 6652      | 6347      | 6482      | 6493      | 2.36   | cps   |
| Calcium    | 43-1  | 8765568   | 8762215   | 8778321   | 8768701   | 0.10   | cps   |
| Calcium    | 44-1  | 143142238 | 143054378 | 145129535 | 143775383 | 0.82   | cps   |
| Carbon     | 12-1  | 55498984  | 57878684  | 58585939  | 57321202  | 2.82   | cps   |
| Carbon     | 12-2  | 393636    | 395411    | 395899    | 394982    | 0.30   | cps   |
| Chlorine   | 35-1  | 120906612 | 128139921 | 131962361 | 127002965 | 4.42   | cps   |
| Chlorine   | 35-2  | 606356    | 616885    | 617285    | 613509    | 1.01   | cps   |
| Chromium   | 52-2  | 126342    | 125586    | 125273    | 125734    | 0.44   | cps   |
| Cobalt     | 59-2  | 13633     | 13773     | 13940     | 13782     | 1.12   | cps   |
| Copper     | 63-2  | 69955     | 69556     | 69533     | 69681     | 0.34   | cps   |
| Dysprosium | 156-1 | 127       | 120       | 103       | 117       | 10.30  | cps   |
| Dysprosium | 156-2 | 37        | 30        | 23        | 30        | 22.23  | cps   |
| Erbium     | 164-1 | 153       | 127       | 140       | 140       | 9.52   | cps   |
| Erbium     | 164-2 | 53        | 57        | 50        | 53        | 6.25   | cps   |
| Gadolinium | 160-1 | 153       | 180       | 103       | 146       | 26.74  | cps   |
| Gadolinium | 160-2 | 77        | 53        | 97        | 76        | 28.71  | cps   |
| Holmium    | 165-1 | 7802464   | 7928547   | 7984160   | 7905057   | 1.18   | cps   |
| Holmium    | 165-2 | 3293857   | 3267129   | 3368224   | 3309737   | 1.58   | cps   |
| Indium     | 115-1 | 6604620   | 6520761   | 6531362   | 6552247   | 0.70   | cps   |
| Indium     | 115-2 | 749426    | 755685    | 758759    | 754623    | 0.63   | cps   |
| Iron       | 54-2  | 25768468  | 25457457  | 25228160  | 25484695  | 1.06   | cps   |
| Iron       | 56-2  | 473776913 | 474012486 | 471772873 | 473187424 | 0.26   | cps   |
| Iron       | 57-2  | 11819372  | 11893543  | 12001073  | 11904663  | 0.77   | cps   |
| Krypton    | 83-1  | 333       | 320       | 393       | 349       | 11.20  | cps   |
| Lead       | 206-1 | 88647     | 88959     | 88637     | 88748     | 0.21   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 68637    | 69575    | 69448    | 69220    | 0.74   | cps   |
| Lead       | 208-1 | 327914   | 327628   | 329572   | 328371   | 0.32   | cps   |
| Lithium    | 6-1   | 2327464  | 2380706  | 2403388  | 2370519  | 1.64   | cps   |
| Magnesium  | 24-2  | 33072404 | 33133170 | 32428660 | 32878078 | 1.19   | cps   |
| Manganese  | 55-2  | 40628    | 39956    | 39852    | 40145    | 1.05   | cps   |
| Molybdenum | 94-1  | 16079489 | 16040264 | 15795788 | 15971847 | 0.96   | cps   |
| Molybdenum | 95-1  | 27999891 | 28438510 | 28231020 | 28223140 | 0.78   | cps   |
| Molybdenum | 96-1  | 29893118 | 30258708 | 30441413 | 30197746 | 0.92   | cps   |
| Molybdenum | 97-1  | 17378543 | 17384393 | 17360698 | 17374545 | 0.07   | cps   |
| Molybdenum | 98-1  | 45671991 | 44720829 | 44846763 | 45079861 | 1.15   | cps   |
| Neodymium  | 150-1 | 143      | 140      | 90       | 124      | 24.01  | cps   |
| Neodymium  | 150-2 | 17       | 30       | 40       | 29       | 40.51  | cps   |
| Nickel     | 60-2  | 18953    | 19563    | 18899    | 19139    | 1.93   | cps   |
| Phosphorus | 31-2  | 528004   | 526548   | 526745   | 527099   | 0.15   | cps   |
| Potassium  | 39-2  | 23846881 | 23870326 | 23923740 | 23880316 | 0.16   | cps   |
| Rhodium    | 103-1 | 6053091  | 5979213  | 6031802  | 6021369  | 0.63   | cps   |
| Rhodium    | 103-2 | 2690864  | 2664925  | 2652690  | 2669493  | 0.73   | cps   |
| Scandium   | 45-1  | 4529661  | 4494602  | 4548636  | 4524300  | 0.61   | cps   |
| Scandium   | 45-2  | 95816    | 96562    | 94552    | 95643    | 1.06   | cps   |
| Selenium   | 82-1  | 63       | 67       | -40      | 30       | 202.14 | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 47       | 37       | 33       | 39       | 17.85  | cps   |
| Silicon    | 28-1  | 876905   | 881913   | 886772   | 881864   | 0.56   | cps   |
| Silver     | 107-1 | 1093     | 1373     | 1747     | 1405     | 23.34  | cps   |
| Silver     | 109-1 | 1180     | 1350     | 1673     | 1401     | 17.89  | cps   |
| Sodium     | 23-2  | 70578356 | 70590751 | 70043154 | 70404087 | 0.44   | cps   |
| Strontium  | 86-1  | 304251   | 307963   | 309639   | 307285   | 0.90   | cps   |
| Strontium  | 88-1  | 2750907  | 2785634  | 2842355  | 2792965  | 1.65   | cps   |
| Sulfur     | 34-1  | 11179555 | 11222311 | 11413277 | 11271714 | 1.10   | cps   |
| Terbium    | 159-1 | 8059628  | 8148078  | 8215712  | 8141139  | 0.96   | cps   |
| Terbium    | 159-2 | 3178918  | 3213973  | 3186874  | 3193255  | 0.58   | cps   |
| Thallium   | 203-1 | 1340     | 1627     | 2017     | 1661     | 20.45  | cps   |
| Thallium   | 205-1 | 3370     | 4317     | 4838     | 4175     | 17.82  | cps   |
| Tin        | 118-1 | 7876     | 7632     | 7492     | 7667     | 2.53   | cps   |
| Titanium   | 47-1  | 8234417  | 8379740  | 8411639  | 8341932  | 1.13   | cps   |
| Uranium    | 238-1 | 1590     | 1663     | 1550     | 1601     | 3.59   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSA01 Instrumnet Name : P8  
Client Sample ID : ICSA01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:23:11 DataFile Name : 023ICSA.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 663      | 700      | 667      | 677      | 3.00   | cps   |
| Ytterbium | 172-1 | 60       | 73       | 67       | 67       | 10.00  | cps   |
| Ytterbium | 172-2 | 37       | 30       | 33       | 33       | 10.01  | cps   |
| Ytterbium | 176-1 | 973      | 997      | 1057     | 1009     | 4.26   | cps   |
| Ytterbium | 176-2 | 260      | 317      | 313      | 297      | 10.72  | cps   |
| Yttrium   | 89-1  | 11943379 | 12278586 | 12310378 | 12177447 | 1.67   | cps   |
| Yttrium   | 89-2  | 986362   | 988897   | 982305   | 985855   | 0.34   | cps   |
| Zinc      | 66-2  | 15602    | 15729    | 15178    | 15503    | 1.86   | cps   |
| Zirconium | 90-1  | 2270     | 2294     | 2430     | 2331     | 3.71   | cps   |
| Zirconium | 91-1  | 450      | 493      | 553      | 499      | 10.40  | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8477859   | 8264721   | 8268353   | 8336978   | 1.46   | cps   |
| Antimony   | 121-1 | 504923    | 509480    | 507119    | 507174    | 0.45   | cps   |
| Arsenic    | 75-2  | 11962     | 11461     | 11858     | 11761     | 2.25   | cps   |
| Barium     | 135-1 | 125499    | 125246    | 127123    | 125956    | 0.81   | cps   |
| Barium     | 137-1 | 215120    | 217023    | 218644    | 216929    | 0.81   | cps   |
| Beryllium  | 9-1   | 117380    | 120299    | 119356    | 119012    | 1.25   | cps   |
| Bismuth    | 209-1 | 4525691   | 4627812   | 4528330   | 4560611   | 1.28   | cps   |
| Bismuth    | 209-2 | 2257005   | 2240316   | 2203311   | 2233544   | 1.23   | cps   |
| Bromine    | 81-1  | 31676     | 33407     | 33557     | 32880     | 3.18   | cps   |
| Cadmium    | 108-1 | 13987     | 14071     | 14428     | 14162     | 1.65   | cps   |
| Cadmium    | 106-1 | 14925     | 14404     | 15138     | 14822     | 2.55   | cps   |
| Cadmium    | 111-1 | 124322    | 125545    | 126313    | 125394    | 0.80   | cps   |
| Calcium    | 43-1  | 7807535   | 7934954   | 7811823   | 7851438   | 0.92   | cps   |
| Calcium    | 44-1  | 128086488 | 129615048 | 130230761 | 129310766 | 0.85   | cps   |
| Carbon     | 12-1  | 51745674  | 52534073  | 53647634  | 52642460  | 1.82   | cps   |
| Carbon     | 12-2  | 367253    | 365306    | 368461    | 367007    | 0.43   | cps   |
| Chlorine   | 35-1  | 119262825 | 124009221 | 124609241 | 122627096 | 2.39   | cps   |
| Chlorine   | 35-2  | 581426    | 570337    | 577425    | 576396    | 0.97   | cps   |
| Chromium   | 52-2  | 228237    | 224550    | 223036    | 225274    | 1.19   | cps   |
| Cobalt     | 59-2  | 219652    | 219908    | 221433    | 220331    | 0.44   | cps   |
| Copper     | 63-2  | 224633    | 221386    | 221632    | 222550    | 0.81   | cps   |
| Dysprosium | 156-1 | 130       | 110       | 110       | 117       | 9.90   | cps   |
| Dysprosium | 156-2 | 37        | 43        | 47        | 42        | 12.06  | cps   |
| Erbium     | 164-1 | 140       | 150       | 160       | 150       | 6.67   | cps   |
| Erbium     | 164-2 | 47        | 50        | 37        | 44        | 15.61  | cps   |
| Gadolinium | 160-1 | 193       | 153       | 147       | 164       | 15.35  | cps   |
| Gadolinium | 160-2 | 53        | 67        | 60        | 60        | 11.12  | cps   |
| Holmium    | 165-1 | 8136212   | 8306319   | 8344355   | 8262296   | 1.34   | cps   |
| Holmium    | 165-2 | 3415585   | 3365379   | 3393364   | 3391443   | 0.74   | cps   |
| Indium     | 115-1 | 6951459   | 6930071   | 6949138   | 6943556   | 0.17   | cps   |
| Indium     | 115-2 | 782707    | 775437    | 779883    | 779343    | 0.47   | cps   |
| Iron       | 54-2  | 22847780  | 22729161  | 22869586  | 22815509  | 0.33   | cps   |
| Iron       | 56-2  | 428683060 | 419775074 | 426383620 | 424947251 | 1.09   | cps   |
| Iron       | 57-2  | 10761935  | 10559073  | 10747017  | 10689342  | 1.06   | cps   |
| Krypton    | 83-1  | 340       | 397       | 387       | 374       | 8.08   | cps   |
| Lead       | 206-1 | 409129    | 413502    | 413859    | 412164    | 0.64   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 335168   | 340351   | 342465   | 339328   | 1.11   | cps   |
| Lead       | 208-1 | 1563630  | 1574417  | 1584450  | 1574166  | 0.66   | cps   |
| Lithium    | 6-1   | 2418965  | 2428710  | 2438924  | 2428867  | 0.41   | cps   |
| Magnesium  | 24-2  | 30459723 | 30163605 | 29997100 | 30206810 | 0.78   | cps   |
| Manganese  | 55-2  | 84538    | 85155    | 85766    | 85153    | 0.72   | cps   |
| Molybdenum | 94-1  | 14095508 | 14300596 | 14396484 | 14264196 | 1.08   | cps   |
| Molybdenum | 95-1  | 24978434 | 25124973 | 25377597 | 25160335 | 0.80   | cps   |
| Molybdenum | 96-1  | 26748651 | 27084219 | 26912752 | 26915207 | 0.62   | cps   |
| Molybdenum | 97-1  | 15350490 | 15435878 | 15720206 | 15502191 | 1.25   | cps   |
| Molybdenum | 98-1  | 39327751 | 39870059 | 40495447 | 39897752 | 1.46   | cps   |
| Neodymium  | 150-1 | 93       | 103      | 103      | 100      | 5.77   | cps   |
| Neodymium  | 150-2 | 20       | 17       | 23       | 20       | 16.65  | cps   |
| Nickel     | 60-2  | 73904    | 74028    | 73394    | 73775    | 0.45   | cps   |
| Phosphorus | 31-2  | 478292   | 474572   | 476767   | 476544   | 0.39   | cps   |
| Potassium  | 39-2  | 22284299 | 21747181 | 21651779 | 21894419 | 1.56   | cps   |
| Rhodium    | 103-1 | 6268539  | 6265011  | 6367217  | 6300256  | 0.92   | cps   |
| Rhodium    | 103-2 | 2807817  | 2796003  | 2774352  | 2792724  | 0.61   | cps   |
| Scandium   | 45-1  | 4746750  | 4763661  | 4736785  | 4749065  | 0.29   | cps   |
| Scandium   | 45-2  | 101961   | 100028   | 100717   | 100902   | 0.97   | cps   |
| Selenium   | 82-1  | 8086     | 7899     | 8219     | 8068     | 1.99   | cps   |
| Selenium   | 77-2  | 127      | 217      | 163      | 169      | 26.80  | cps   |
| Selenium   | 78-2  | 573      | 503      | 560      | 546      | 6.81   | cps   |
| Silicon    | 28-1  | 893576   | 905968   | 907963   | 902502   | 0.86   | cps   |
| Silver     | 107-1 | 572798   | 580952   | 574180   | 575976   | 0.76   | cps   |
| Silver     | 109-1 | 546913   | 553687   | 556053   | 552218   | 0.86   | cps   |
| Sodium     | 23-2  | 65277481 | 63999832 | 64651931 | 64643081 | 0.99   | cps   |
| Strontium  | 86-1  | 272623   | 276598   | 278869   | 276030   | 1.15   | cps   |
| Strontium  | 88-1  | 2459758  | 2523905  | 2560902  | 2514855  | 2.03   | cps   |
| Sulfur     | 34-1  | 10199937 | 10368469 | 10251008 | 10273138 | 0.84   | cps   |
| Terbium    | 159-1 | 8460754  | 8474444  | 8489240  | 8474813  | 0.17   | cps   |
| Terbium    | 159-2 | 3271748  | 3244595  | 3210378  | 3242240  | 0.95   | cps   |
| Thallium   | 203-1 | 407927   | 411518   | 413307   | 410918   | 0.67   | cps   |
| Thallium   | 205-1 | 966401   | 990842   | 992719   | 983321   | 1.49   | cps   |
| Tin        | 118-1 | 7846     | 7776     | 7729     | 7783     | 0.75   | cps   |
| Titanium   | 47-1  | 7357549  | 7491983  | 7362588  | 7404040  | 1.03   | cps   |
| Uranium    | 238-1 | 1410     | 1487     | 1527     | 1475     | 4.02   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : ICSAB01 Instrumnet Name : P8  
Client Sample ID : ICSAB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:38:18 DataFile Name : 027ICSB.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 88324    | 87110    | 86422    | 87285    | 1.10   | cps   |
| Ytterbium | 172-1 | 60       | 63       | 67       | 63       | 5.27   | cps   |
| Ytterbium | 172-2 | 30       | 43       | 50       | 41       | 24.77  | cps   |
| Ytterbium | 176-1 | 940      | 1093     | 973      | 1002     | 8.05   | cps   |
| Ytterbium | 176-2 | 230      | 180      | 217      | 209      | 12.40  | cps   |
| Yttrium   | 89-1  | 12883211 | 12935742 | 13084670 | 12967874 | 0.81   | cps   |
| Yttrium   | 89-2  | 1032606  | 1011998  | 1027435  | 1024013  | 1.05   | cps   |
| Zinc      | 66-2  | 31996    | 31746    | 32267    | 32003    | 0.81   | cps   |
| Zirconium | 90-1  | 1830     | 2207     | 2194     | 2077     | 10.29  | cps   |
| Zirconium | 91-1  | 483      | 547      | 590      | 540      | 9.93   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4996473   | 4989156   | 4905991   | 4963873   | 1.01   | cps   |
| Antimony   | 121-1 | 12874907  | 13086054  | 13052201  | 13004388  | 0.87   | cps   |
| Arsenic    | 75-2  | 303154    | 310999    | 303424    | 305859    | 1.46   | cps   |
| Barium     | 135-1 | 15721914  | 15940030  | 15606161  | 15756035  | 1.08   | cps   |
| Barium     | 137-1 | 26584365  | 26596940  | 26511341  | 26564215  | 0.17   | cps   |
| Beryllium  | 9-1   | 2758876   | 2834274   | 2820571   | 2804574   | 1.43   | cps   |
| Bismuth    | 209-1 | 4142715   | 4269032   | 4194742   | 4202163   | 1.51   | cps   |
| Bismuth    | 209-2 | 2104800   | 2141126   | 2116626   | 2120851   | 0.87   | cps   |
| Bromine    | 81-1  | 31308     | 32167     | 32732     | 32069     | 2.23   | cps   |
| Cadmium    | 108-1 | 243156    | 247866    | 243935    | 244985    | 1.03   | cps   |
| Cadmium    | 106-1 | 353556    | 358480    | 360379    | 357472    | 0.98   | cps   |
| Cadmium    | 111-1 | 3141227   | 3254263   | 3156665   | 3184051   | 1.92   | cps   |
| Calcium    | 43-1  | 20565996  | 21188411  | 20534441  | 20762949  | 1.78   | cps   |
| Calcium    | 44-1  | 334909428 | 340881035 | 345590275 | 340460246 | 1.57   | cps   |
| Carbon     | 12-1  | 5479606   | 5562960   | 5813162   | 5618576   | 3.09   | cps   |
| Carbon     | 12-2  | 44611     | 45590     | 45781     | 45327     | 1.39   | cps   |
| Chlorine   | 35-1  | 5879720   | 5519090   | 5278687   | 5559166   | 5.44   | cps   |
| Chlorine   | 35-2  | 22414     | 20989     | 20565     | 21322     | 4.54   | cps   |
| Chromium   | 52-2  | 3116225   | 3182832   | 3117639   | 3138898   | 1.21   | cps   |
| Cobalt     | 59-2  | 5531257   | 5587816   | 5533916   | 5550996   | 0.57   | cps   |
| Copper     | 63-2  | 41515908  | 41929634  | 41766406  | 41737316  | 0.50   | cps   |
| Dysprosium | 156-1 | 653       | 603       | 580       | 612       | 6.12   | cps   |
| Dysprosium | 156-2 | 170       | 147       | 197       | 171       | 14.62  | cps   |
| Erbium     | 164-1 | 590       | 610       | 593       | 598       | 1.79   | cps   |
| Erbium     | 164-2 | 223       | 207       | 210       | 213       | 4.14   | cps   |
| Gadolinium | 160-1 | 420       | 497       | 447       | 454       | 8.56   | cps   |
| Gadolinium | 160-2 | 163       | 227       | 223       | 204       | 17.43  | cps   |
| Holmium    | 165-1 | 7824264   | 7935655   | 7755006   | 7838308   | 1.16   | cps   |
| Holmium    | 165-2 | 3244520   | 3292472   | 3375871   | 3304288   | 2.01   | cps   |
| Indium     | 115-1 | 6309510   | 6189723   | 6354338   | 6284524   | 1.35   | cps   |
| Indium     | 115-2 | 712269    | 729557    | 725715    | 722513    | 1.26   | cps   |
| Iron       | 54-2  | 30787286  | 30646748  | 30372587  | 30602207  | 0.69   | cps   |
| Iron       | 56-2  | 545344832 | 557241618 | 559592125 | 554059525 | 1.38   | cps   |
| Iron       | 57-2  | 13832913  | 14093934  | 13949793  | 13958880  | 0.94   | cps   |
| Krypton    | 83-1  | 413       | 343       | 363       | 373       | 9.66   | cps   |
| Lead       | 206-1 | 43141959  | 43449038  | 44122198  | 43571065  | 1.15   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 36950144  | 37358349  | 36768447  | 37025647  | 0.82   | cps   |
| Lead       | 208-1 | 169966888 | 172828156 | 169181903 | 170658982 | 1.12   | cps   |
| Lithium    | 6-1   | 2230234   | 2240146   | 2300545   | 2256975   | 1.69   | cps   |
| Magnesium  | 24-2  | 86771252  | 85771239  | 85037449  | 85859980  | 1.01   | cps   |
| Manganese  | 55-2  | 13050059  | 13376161  | 13048748  | 13158323  | 1.43   | cps   |
| Molybdenum | 94-1  | 46458324  | 46917989  | 46611171  | 46662495  | 0.50   | cps   |
| Molybdenum | 95-1  | 67032961  | 68507822  | 67352187  | 67630990  | 1.15   | cps   |
| Molybdenum | 96-1  | 74430669  | 74376546  | 74982994  | 74596736  | 0.45   | cps   |
| Molybdenum | 97-1  | 41709477  | 41467174  | 42728034  | 41968228  | 1.59   | cps   |
| Molybdenum | 98-1  | 107005705 | 107758232 | 110071438 | 108278458 | 1.48   | cps   |
| Neodymium  | 150-1 | 1223      | 1247      | 1313      | 1261      | 3.70   | cps   |
| Neodymium  | 150-2 | 100       | 97        | 103       | 100       | 3.33   | cps   |
| Nickel     | 60-2  | 1504130   | 1532942   | 1437955   | 1491676   | 3.26   | cps   |
| Phosphorus | 31-2  | 50969     | 51772     | 51287     | 51343     | 0.79   | cps   |
| Potassium  | 39-2  | 30442815  | 30630705  | 30399254  | 30490924  | 0.40   | cps   |
| Rhodium    | 103-1 | 5894559   | 5814546   | 6011364   | 5906823   | 1.68   | cps   |
| Rhodium    | 103-2 | 2589225   | 2662877   | 2613921   | 2622008   | 1.43   | cps   |
| Scandium   | 45-1  | 4465705   | 4646107   | 4579821   | 4563877   | 2.00   | cps   |
| Scandium   | 45-2  | 101529    | 103472    | 103415    | 102806    | 1.08   | cps   |
| Selenium   | 82-1  | 193861    | 193397    | 194873    | 194044    | 0.39   | cps   |
| Selenium   | 77-2  | 4014      | 4087      | 4061      | 4054      | 0.92   | cps   |
| Selenium   | 78-2  | 13456     | 13643     | 13130     | 13410     | 1.94   | cps   |
| Silicon    | 28-1  | 8607761   | 8718689   | 9005407   | 8777286   | 2.34   | cps   |
| Silver     | 107-1 | 15524276  | 15922900  | 15560466  | 15669214  | 1.41   | cps   |
| Silver     | 109-1 | 14634251  | 14972172  | 14958370  | 14854931  | 1.29   | cps   |
| Sodium     | 23-2  | 172336964 | 172486101 | 174889737 | 173237601 | 0.83   | cps   |
| Strontium  | 86-1  | 4433660   | 4301230   | 4453872   | 4396254   | 1.89   | cps   |
| Strontium  | 88-1  | 38050234  | 38607099  | 39033982  | 38563772  | 1.28   | cps   |
| Sulfur     | 34-1  | 1624768   | 1642505   | 1592323   | 1619865   | 1.57   | cps   |
| Terbium    | 159-1 | 8129166   | 8120389   | 8100299   | 8116618   | 0.18   | cps   |
| Terbium    | 159-2 | 3180925   | 3249978   | 3226985   | 3219296   | 1.09   | cps   |
| Thallium   | 203-1 | 10407543  | 10546906  | 10686327  | 10546925  | 1.32   | cps   |
| Thallium   | 205-1 | 24869686  | 25326658  | 25505828  | 25234057  | 1.30   | cps   |
| Tin        | 118-1 | 10411170  | 10369980  | 10793497  | 10524882  | 2.22   | cps   |
| Titanium   | 47-1  | 19174639  | 19527282  | 19166961  | 19289627  | 1.07   | cps   |
| Uranium    | 238-1 | 32213729  | 33110001  | 31836525  | 32386752  | 2.02   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV01 Instrumnet Name : P8  
Client Sample ID : CCV01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:41:29 DataFile Name : 028CCV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 2480835  | 2443222  | 2442153  | 2455403  | 0.90   | cps   |
| Ytterbium | 172-1 | 980      | 927      | 910      | 939      | 3.89   | cps   |
| Ytterbium | 172-2 | 413      | 457      | 470      | 447      | 6.63   | cps   |
| Ytterbium | 176-1 | 53170    | 54120    | 54964    | 54085    | 1.66   | cps   |
| Ytterbium | 176-2 | 21982    | 22202    | 22649    | 22278    | 1.53   | cps   |
| Yttrium   | 89-1  | 12274638 | 12092570 | 12497249 | 12288152 | 1.65   | cps   |
| Yttrium   | 89-2  | 1017343  | 1026150  | 1014655  | 1019383  | 0.59   | cps   |
| Zinc      | 66-2  | 4701996  | 4737287  | 4802159  | 4747147  | 1.07   | cps   |
| Zirconium | 90-1  | 23284708 | 23303426 | 23517080 | 23368405 | 0.55   | cps   |
| Zirconium | 91-1  | 5209938  | 5312052  | 5243222  | 5255071  | 0.99   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 433     | 457     | 393     | 428     | 7.49   | cps   |
| Antimony   | 121-1 | 3194    | 2847    | 2470    | 2837    | 12.75  | cps   |
| Arsenic    | 75-2  | 7       | 13      | 30      | 17      | 72.11  | cps   |
| Barium     | 135-1 | 463     | 367     | 347     | 392     | 15.91  | cps   |
| Barium     | 137-1 | 810     | 763     | 717     | 763     | 6.11   | cps   |
| Beryllium  | 9-1   | 312     | 314     | 277     | 301     | 6.83   | cps   |
| Bismuth    | 209-1 | 4955067 | 4963901 | 5052575 | 4990514 | 1.08   | cps   |
| Bismuth    | 209-2 | 2547033 | 2528432 | 2488217 | 2521227 | 1.19   | cps   |
| Bromine    | 81-1  | 31870   | 31208   | 32551   | 31876   | 2.11   | cps   |
| Cadmium    | 108-1 | 30      | 43      | 20      | 31      | 37.62  | cps   |
| Cadmium    | 106-1 | 4571    | 4881    | 4811    | 4754    | 3.42   | cps   |
| Cadmium    | 111-1 | 3372    | 3573    | 3527    | 3491    | 3.02   | cps   |
| Calcium    | 43-1  | 1850    | 1847    | 1720    | 1806    | 4.10   | cps   |
| Calcium    | 44-1  | 46401   | 43653   | 44131   | 44728   | 3.28   | cps   |
| Carbon     | 12-1  | 4864675 | 4675105 | 4728609 | 4756130 | 2.05   | cps   |
| Carbon     | 12-2  | 31474   | 31494   | 31050   | 31339   | 0.80   | cps   |
| Chlorine   | 35-1  | 3087569 | 2953314 | 2801021 | 2947301 | 4.86   | cps   |
| Chlorine   | 35-2  | 11518   | 10958   | 10437   | 10971   | 4.93   | cps   |
| Chromium   | 52-2  | 1463    | 1583    | 1553    | 1533    | 4.07   | cps   |
| Cobalt     | 59-2  | 177     | 183     | 170     | 177     | 3.78   | cps   |
| Copper     | 63-2  | 3220    | 3204    | 2977    | 3134    | 4.34   | cps   |
| Dysprosium | 156-1 | 7       | 17      | 17      | 13      | 43.29  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 57      | 73      | 53      | 61      | 17.53  | cps   |
| Erbium     | 164-2 | 33      | 20      | 20      | 24      | 31.49  | cps   |
| Gadolinium | 160-1 | 83      | 77      | 67      | 76      | 11.10  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 27      | 16      | 65.47  | cps   |
| Holmium    | 165-1 | 8377028 | 8398131 | 8222074 | 8332411 | 1.15   | cps   |
| Holmium    | 165-2 | 3475230 | 3526747 | 3513466 | 3505148 | 0.76   | cps   |
| Indium     | 115-1 | 7443316 | 7435910 | 7519221 | 7466149 | 0.62   | cps   |
| Indium     | 115-2 | 843264  | 855037  | 848908  | 849069  | 0.69   | cps   |
| Iron       | 54-2  | 1633    | 1440    | 1467    | 1513    | 6.92   | cps   |
| Iron       | 56-2  | 21720   | 21924   | 21557   | 21733   | 0.85   | cps   |
| Iron       | 57-2  | 483     | 520     | 470     | 491     | 5.27   | cps   |
| Krypton    | 83-1  | 323     | 310     | 303     | 312     | 3.26   | cps   |
| Lead       | 206-1 | 3841    | 3617    | 3484    | 3647    | 4.94   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 3407    | 3130    | 3107    | 3215    | 5.19   | cps   |
| Lead       | 208-1 | 15450   | 14557   | 13580   | 14529   | 6.44   | cps   |
| Lithium    | 6-1   | 2502318 | 2583511 | 2610857 | 2565562 | 2.20   | cps   |
| Magnesium  | 24-2  | 2037    | 2104    | 1880    | 2007    | 5.72   | cps   |
| Manganese  | 55-2  | 1443    | 1353    | 1377    | 1391    | 3.36   | cps   |
| Molybdenum | 94-1  | 2994    | 2704    | 2470    | 2723    | 9.63   | cps   |
| Molybdenum | 95-1  | 2727    | 2280    | 2080    | 2362    | 14.02  | cps   |
| Molybdenum | 96-1  | 3034    | 2644    | 2297    | 2658    | 13.87  | cps   |
| Molybdenum | 97-1  | 1640    | 1213    | 1370    | 1408    | 15.33  | cps   |
| Molybdenum | 98-1  | 4184    | 3417    | 3220    | 3607    | 14.11  | cps   |
| Neodymium  | 150-1 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 710     | 820     | 757     | 762     | 7.24   | cps   |
| Phosphorus | 31-2  | 123     | 160     | 150     | 144     | 13.12  | cps   |
| Potassium  | 39-2  | 25994   | 25456   | 25399   | 25616   | 1.28   | cps   |
| Rhodium    | 103-1 | 6955464 | 7065960 | 7163873 | 7061766 | 1.48   | cps   |
| Rhodium    | 103-2 | 3081544 | 3105383 | 3089560 | 3092162 | 0.39   | cps   |
| Scandium   | 45-1  | 4837161 | 5038096 | 4919040 | 4931432 | 2.05   | cps   |
| Scandium   | 45-2  | 105550  | 106924  | 106605  | 106360  | 0.68   | cps   |
| Selenium   | 82-1  | 20      | -43     | 63      | 13      | 402.39 | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 40      | 23      | 57      | 40      | 41.68  | cps   |
| Silicon    | 28-1  | 541999  | 531147  | 531701  | 534949  | 1.14   | cps   |
| Silver     | 107-1 | 2024    | 1723    | 1640    | 1796    | 11.23  | cps   |
| Silver     | 109-1 | 1813    | 1477    | 1503    | 1598    | 11.71  | cps   |
| Sodium     | 23-2  | 65459   | 65469   | 64753   | 65227   | 0.63   | cps   |
| Strontium  | 86-1  | 713     | 643     | 633     | 663     | 6.57   | cps   |
| Strontium  | 88-1  | 1567    | 1467    | 1267    | 1433    | 10.66  | cps   |
| Sulfur     | 34-1  | 635228  | 638182  | 639088  | 637499  | 0.32   | cps   |
| Terbium    | 159-1 | 8794283 | 8615297 | 8769224 | 8726268 | 1.11   | cps   |
| Terbium    | 159-2 | 3386203 | 3445475 | 3422025 | 3417901 | 0.87   | cps   |
| Thallium   | 203-1 | 1687    | 1663    | 1703    | 1685    | 1.19   | cps   |
| Thallium   | 205-1 | 4337    | 4037    | 3601    | 3992    | 9.28   | cps   |
| Tin        | 118-1 | 3881    | 3861    | 3797    | 3846    | 1.13   | cps   |
| Titanium   | 47-1  | 993     | 883     | 760     | 879     | 13.28  | cps   |
| Uranium    | 238-1 | 957     | 843     | 633     | 811     | 20.23  | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB01 Instrumnet Name : P8  
Client Sample ID : CCB01 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:44:20 DataFile Name : 029CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 30       | 67       | 57       | 51       | 37.09  | cps   |
| Ytterbium | 172-1 | 73       | 60       | 43       | 59       | 25.53  | cps   |
| Ytterbium | 172-2 | 17       | 27       | 13       | 19       | 36.75  | cps   |
| Ytterbium | 176-1 | 1050     | 1070     | 1037     | 1052     | 1.59   | cps   |
| Ytterbium | 176-2 | 237      | 223      | 300      | 253      | 16.17  | cps   |
| Yttrium   | 89-1  | 13539974 | 13335339 | 13719328 | 13531547 | 1.42   | cps   |
| Yttrium   | 89-2  | 1071625  | 1068306  | 1080037  | 1073323  | 0.56   | cps   |
| Zinc      | 66-2  | 1937     | 1947     | 1933     | 1939     | 0.36   | cps   |
| Zirconium | 90-1  | 3831     | 3377     | 3294     | 3500     | 8.25   | cps   |
| Zirconium | 91-1  | 827      | 767      | 740      | 778      | 5.71   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2587    | 2614    | 2420    | 2540    | 4.13   | cps   |
| Antimony   | 121-1 | 57078   | 58059   | 58444   | 57860   | 1.22   | cps   |
| Arsenic    | 75-2  | 793     | 700     | 690     | 728     | 7.83   | cps   |
| Barium     | 135-1 | 68455   | 67999   | 69336   | 68597   | 0.99   | cps   |
| Barium     | 137-1 | 119522  | 120881  | 120212  | 120205  | 0.57   | cps   |
| Beryllium  | 9-1   | 7328    | 7353    | 7371    | 7351    | 0.29   | cps   |
| Bismuth    | 209-1 | 4882615 | 4941503 | 5007974 | 4944031 | 1.27   | cps   |
| Bismuth    | 209-2 | 2502913 | 2509067 | 2458778 | 2490252 | 1.10   | cps   |
| Bromine    | 81-1  | 32100   | 32368   | 32003   | 32157   | 0.59   | cps   |
| Cadmium    | 108-1 | 527     | 670     | 580     | 592     | 12.23  | cps   |
| Cadmium    | 106-1 | 5514    | 5491    | 5231    | 5412    | 2.91   | cps   |
| Cadmium    | 111-1 | 10837   | 11217   | 10965   | 11006   | 1.76   | cps   |
| Calcium    | 43-1  | 48699   | 50682   | 50559   | 49980   | 2.22   | cps   |
| Calcium    | 44-1  | 842028  | 849628  | 830302  | 840652  | 1.16   | cps   |
| Carbon     | 12-1  | 4514451 | 4485303 | 4514723 | 4504826 | 0.38   | cps   |
| Carbon     | 12-2  | 30067   | 29366   | 29657   | 29697   | 1.19   | cps   |
| Chlorine   | 35-1  | 1788185 | 1724258 | 1667776 | 1726740 | 3.49   | cps   |
| Chlorine   | 35-2  | 6715    | 6215    | 6585    | 6505    | 3.99   | cps   |
| Chromium   | 52-2  | 15245   | 15645   | 15105   | 15332   | 1.83   | cps   |
| Cobalt     | 59-2  | 13894   | 13470   | 13330   | 13564   | 2.16   | cps   |
| Copper     | 63-2  | 23099   | 22925   | 22291   | 22772   | 1.87   | cps   |
| Dysprosium | 156-1 | 27      | 27      | 23      | 26      | 7.55   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 70      | 73      | 63      | 69      | 7.39   | cps   |
| Erbium     | 164-2 | 13      | 43      | 27      | 28      | 54.11  | cps   |
| Gadolinium | 160-1 | 83      | 93      | 97      | 91      | 7.62   | cps   |
| Gadolinium | 160-2 | 27      | 13      | 13      | 18      | 43.33  | cps   |
| Holmium    | 165-1 | 8134468 | 8406763 | 8221376 | 8254202 | 1.69   | cps   |
| Holmium    | 165-2 | 3523108 | 3435202 | 3402544 | 3453618 | 1.81   | cps   |
| Indium     | 115-1 | 7481986 | 7313848 | 7436028 | 7410621 | 1.17   | cps   |
| Indium     | 115-2 | 839591  | 842070  | 835725  | 839129  | 0.38   | cps   |
| Iron       | 54-2  | 15969   | 15792   | 15535   | 15765   | 1.38   | cps   |
| Iron       | 56-2  | 281408  | 281152  | 273083  | 278548  | 1.70   | cps   |
| Iron       | 57-2  | 7339    | 6945    | 6708    | 6997    | 4.55   | cps   |
| Krypton    | 83-1  | 363     | 327     | 327     | 339     | 6.25   | cps   |
| Lead       | 206-1 | 21528   | 21885   | 22236   | 21883   | 1.62   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 18864   | 18670   | 18637   | 18724   | 0.65   | cps   |
| Lead       | 208-1 | 85520   | 85965   | 86533   | 86006   | 0.59   | cps   |
| Lithium    | 6-1   | 2562394 | 2529330 | 2491279 | 2527668 | 1.41   | cps   |
| Magnesium  | 24-2  | 203470  | 204833  | 198260  | 202187  | 1.72   | cps   |
| Manganese  | 55-2  | 27119   | 27673   | 27383   | 27392   | 1.01   | cps   |
| Molybdenum | 94-1  | 62644   | 62198   | 63203   | 62681   | 0.80   | cps   |
| Molybdenum | 95-1  | 74277   | 75074   | 74186   | 74513   | 0.66   | cps   |
| Molybdenum | 96-1  | 82953   | 84377   | 84327   | 83886   | 0.96   | cps   |
| Molybdenum | 97-1  | 47608   | 46193   | 45571   | 46458   | 2.25   | cps   |
| Molybdenum | 98-1  | 118340  | 121442  | 119990  | 119924  | 1.29   | cps   |
| Neodymium  | 150-1 | 17      | 13      | 23      | 18      | 28.64  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 4667    | 4261    | 4321    | 4416    | 4.97   | cps   |
| Phosphorus | 31-2  | 320     | 327     | 330     | 326     | 1.56   | cps   |
| Potassium  | 39-2  | 157869  | 157847  | 155946  | 157221  | 0.70   | cps   |
| Rhodium    | 103-1 | 6985790 | 6993732 | 7057236 | 7012253 | 0.56   | cps   |
| Rhodium    | 103-2 | 3131147 | 3048726 | 3032134 | 3070669 | 1.73   | cps   |
| Scandium   | 45-1  | 4943166 | 4955909 | 4911798 | 4936958 | 0.46   | cps   |
| Scandium   | 45-2  | 105164  | 105537  | 103506  | 104736  | 1.03   | cps   |
| Selenium   | 82-1  | 2314    | 2304    | 2430    | 2349    | 3.00   | cps   |
| Selenium   | 77-2  | 77      | 67      | 40      | 61      | 31.02  | cps   |
| Selenium   | 78-2  | 223     | 183     | 210     | 206     | 9.91   | cps   |
| Silicon    | 28-1  | 644421  | 653087  | 644497  | 647335  | 0.77   | cps   |
| Silver     | 107-1 | 37267   | 36893   | 37832   | 37330   | 1.27   | cps   |
| Silver     | 109-1 | 34730   | 34654   | 35529   | 34971   | 1.39   | cps   |
| Sodium     | 23-2  | 459253  | 467721  | 458002  | 461659  | 1.15   | cps   |
| Strontium  | 86-1  | 10247   | 10607   | 10297   | 10384   | 1.88   | cps   |
| Strontium  | 88-1  | 86560   | 88585   | 87468   | 87538   | 1.16   | cps   |
| Sulfur     | 34-1  | 658266  | 656364  | 651477  | 655369  | 0.53   | cps   |
| Terbium    | 159-1 | 8687446 | 8574880 | 8650075 | 8637467 | 0.66   | cps   |
| Terbium    | 159-2 | 3375199 | 3403521 | 3332826 | 3370516 | 1.06   | cps   |
| Thallium   | 203-1 | 25318   | 25422   | 25538   | 25426   | 0.43   | cps   |
| Thallium   | 205-1 | 59938   | 60380   | 60621   | 60313   | 0.57   | cps   |
| Tin        | 118-1 | 123192  | 124992  | 121772  | 123319  | 1.31   | cps   |
| Titanium   | 47-1  | 21934   | 22157   | 22304   | 22132   | 0.84   | cps   |
| Uranium    | 238-1 | 71751   | 72214   | 72465   | 72144   | 0.50   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CRI Instrumnet Name : P8  
Client Sample ID : CRI Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 16:47:44 DataFile Name : 030LLCC.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 26131    | 27246    | 25887    | 26421    | 2.74   | cps   |
| Ytterbium | 172-1 | 50       | 30       | 20       | 33       | 45.83  | cps   |
| Ytterbium | 172-2 | 13       | 20       | 30       | 21       | 39.75  | cps   |
| Ytterbium | 176-1 | 1080     | 1207     | 1053     | 1113     | 7.36   | cps   |
| Ytterbium | 176-2 | 213      | 323      | 247      | 261      | 21.60  | cps   |
| Yttrium   | 89-1  | 13235440 | 13300538 | 13227809 | 13254595 | 0.30   | cps   |
| Yttrium   | 89-2  | 1066382  | 1066101  | 1062361  | 1064948  | 0.21   | cps   |
| Zinc      | 66-2  | 7459     | 7462     | 7452     | 7458     | 0.07   | cps   |
| Zirconium | 90-1  | 53442    | 54730    | 53268    | 53813    | 1.48   | cps   |
| Zirconium | 91-1  | 11662    | 12239    | 12179    | 12026    | 2.64   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 181784   | 181644   | 177776   | 180401   | 1.26   | cps   |
| Antimony   | 121-1 | 460      | 513      | 400      | 458      | 12.39  | cps   |
| Arsenic    | 75-2  | 110      | 117      | 153      | 127      | 18.42  | cps   |
| Barium     | 135-1 | 32168    | 32265    | 31981    | 32138    | 0.45   | cps   |
| Barium     | 137-1 | 55122    | 55547    | 55004    | 55224    | 0.52   | cps   |
| Beryllium  | 9-1   | 309      | 297      | 340      | 315      | 6.98   | cps   |
| Bismuth    | 209-1 | 5042861  | 4999375  | 4913984  | 4985407  | 1.32   | cps   |
| Bismuth    | 209-2 | 2525995  | 2489647  | 2463726  | 2493122  | 1.25   | cps   |
| Bromine    | 81-1  | 31125    | 31432    | 31201    | 31253    | 0.51   | cps   |
| Cadmium    | 108-1 | 23       | 33       | 33       | 30       | 19.25  | cps   |
| Cadmium    | 106-1 | 4891     | 4958     | 4951     | 4933     | 0.74   | cps   |
| Cadmium    | 111-1 | 3577     | 3654     | 3626     | 3619     | 1.07   | cps   |
| Calcium    | 43-1  | 656961   | 666153   | 655883   | 659666   | 0.86   | cps   |
| Calcium    | 44-1  | 10862168 | 10837401 | 11006438 | 10902002 | 0.84   | cps   |
| Carbon     | 12-1  | 4587761  | 4604512  | 4504820  | 4565698  | 1.17   | cps   |
| Carbon     | 12-2  | 30198    | 30432    | 30161    | 30263    | 0.49   | cps   |
| Chlorine   | 35-1  | 1034201  | 1011901  | 985302   | 1010468  | 2.42   | cps   |
| Chlorine   | 35-2  | 4064     | 4134     | 4127     | 4108     | 0.94   | cps   |
| Chromium   | 52-2  | 3834     | 3947     | 3861     | 3881     | 1.53   | cps   |
| Cobalt     | 59-2  | 62312    | 63859    | 62369    | 62847    | 1.40   | cps   |
| Copper     | 63-2  | 50349    | 49543    | 51011    | 50301    | 1.46   | cps   |
| Dysprosium | 156-1 | 31437    | 31320    | 31180    | 31312    | 0.41   | cps   |
| Dysprosium | 156-2 | 12219    | 12322    | 12189    | 12243    | 0.57   | cps   |
| Erbium     | 164-1 | 34869    | 36557    | 35681    | 35702    | 2.36   | cps   |
| Erbium     | 164-2 | 14164    | 13954    | 13834    | 13984    | 1.20   | cps   |
| Gadolinium | 160-1 | 29245    | 30308    | 30846    | 30133    | 2.70   | cps   |
| Gadolinium | 160-2 | 14331    | 14565    | 14211    | 14369    | 1.25   | cps   |
| Holmium    | 165-1 | 8369425  | 8660326  | 8297173  | 8442308  | 2.28   | cps   |
| Holmium    | 165-2 | 3537719  | 3479903  | 3446248  | 3487957  | 1.33   | cps   |
| Indium     | 115-1 | 7505476  | 7493207  | 7583233  | 7527305  | 0.65   | cps   |
| Indium     | 115-2 | 838994   | 834842   | 838043   | 837293   | 0.26   | cps   |
| Iron       | 54-2  | 3729798  | 3790827  | 3639198  | 3719941  | 2.05   | cps   |
| Iron       | 56-2  | 68543132 | 69801402 | 66816164 | 68386900 | 2.19   | cps   |
| Iron       | 57-2  | 1734047  | 1755618  | 1764401  | 1751355  | 0.89   | cps   |
| Krypton    | 83-1  | 433      | 353      | 287      | 358      | 20.53  | cps   |
| Lead       | 206-1 | 2654     | 2760     | 2524     | 2646     | 4.48   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 2117     | 2387     | 2407     | 2304     | 7.03   | cps   |
| Lead       | 208-1 | 10252    | 10582    | 10462    | 10432    | 1.60   | cps   |
| Lithium    | 6-1   | 2546368  | 2604733  | 2640374  | 2597158  | 1.83   | cps   |
| Magnesium  | 24-2  | 1257159  | 1278090  | 1253281  | 1262843  | 1.06   | cps   |
| Manganese  | 55-2  | 561113   | 566870   | 561180   | 563054   | 0.59   | cps   |
| Molybdenum | 94-1  | 1090     | 1127     | 1103     | 1107     | 1.68   | cps   |
| Molybdenum | 95-1  | 540      | 510      | 580      | 543      | 6.46   | cps   |
| Molybdenum | 96-1  | 1693     | 1560     | 1627     | 1627     | 4.10   | cps   |
| Molybdenum | 97-1  | 350      | 327      | 307      | 328      | 6.62   | cps   |
| Molybdenum | 98-1  | 750      | 747      | 723      | 740      | 1.96   | cps   |
| Neodymium  | 150-1 | 32115    | 32382    | 32122    | 32206    | 0.47   | cps   |
| Neodymium  | 150-2 | 9470     | 9367     | 9023     | 9287     | 2.52   | cps   |
| Nickel     | 60-2  | 14154    | 13944    | 13543    | 13880    | 2.23   | cps   |
| Phosphorus | 31-2  | 210      | 173      | 250      | 211      | 18.16  | cps   |
| Potassium  | 39-2  | 54111    | 54088    | 53084    | 53761    | 1.09   | cps   |
| Rhodium    | 103-1 | 6886556  | 6975589  | 7028942  | 6963696  | 1.03   | cps   |
| Rhodium    | 103-2 | 3092903  | 3076766  | 3034811  | 3068160  | 0.98   | cps   |
| Scandium   | 45-1  | 4932415  | 5009816  | 5122305  | 5021512  | 1.90   | cps   |
| Scandium   | 45-2  | 106202   | 106158   | 106427   | 106262   | 0.14   | cps   |
| Selenium   | 82-1  | 57       | 90       | 110      | 86       | 31.50  | cps   |
| Selenium   | 77-2  | 37       | 53       | 40       | 43       | 20.34  | cps   |
| Selenium   | 78-2  | 60       | 53       | 60       | 58       | 6.67   | cps   |
| Silicon    | 28-1  | 39286035 | 39152679 | 38516009 | 38984908 | 1.06   | cps   |
| Silver     | 107-1 | 527      | 437      | 487      | 483      | 9.33   | cps   |
| Silver     | 109-1 | 433      | 387      | 437      | 419      | 6.67   | cps   |
| Sodium     | 23-2  | 1437506  | 1408115  | 1423520  | 1423047  | 1.03   | cps   |
| Strontium  | 86-1  | 181384   | 182938   | 182955   | 182425   | 0.49   | cps   |
| Strontium  | 88-1  | 1688470  | 1664303  | 1698485  | 1683753  | 1.04   | cps   |
| Sulfur     | 34-1  | 2425325  | 2398072  | 2350962  | 2391453  | 1.57   | cps   |
| Terbium    | 159-1 | 8813467  | 8584581  | 8826522  | 8741523  | 1.56   | cps   |
| Terbium    | 159-2 | 3411076  | 3434544  | 3375710  | 3407110  | 0.87   | cps   |
| Thallium   | 203-1 | 903      | 823      | 880      | 869      | 4.73   | cps   |
| Thallium   | 205-1 | 1954     | 2064     | 2087     | 2035     | 3.50   | cps   |
| Tin        | 118-1 | 4708     | 4628     | 4758     | 4698     | 1.40   | cps   |
| Titanium   | 47-1  | 1220     | 1213     | 1210     | 1215     | 0.42   | cps   |
| Uranium    | 238-1 | 16955    | 17432    | 17175    | 17187    | 1.39   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-06DL3X25 Instrumnet Name : P8  
Client Sample ID : OU4-VSL-17-040325DL3 Dilution Factor : 25  
Date & Time Acquired : 2025-04-14 16:51:59 DataFile Name : 031AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 48137    | 48753    | 48284    | 48391    | 0.66   | cps   |
| Ytterbium | 172-1 | 12466    | 12603    | 12506    | 12525    | 0.56   | cps   |
| Ytterbium | 172-2 | 5788     | 5968     | 5745     | 5834     | 2.03   | cps   |
| Ytterbium | 176-1 | 8529     | 8429     | 8313     | 8424     | 1.29   | cps   |
| Ytterbium | 176-2 | 4051     | 3971     | 3974     | 3998     | 1.13   | cps   |
| Yttrium   | 89-1  | 14058876 | 14316815 | 14258445 | 14211379 | 0.95   | cps   |
| Yttrium   | 89-2  | 1121763  | 1128358  | 1128225  | 1126115  | 0.33   | cps   |
| Zinc      | 66-2  | 39756    | 40033    | 39301    | 39697    | 0.93   | cps   |
| Zirconium | 90-1  | 1983     | 2007     | 2094     | 2028     | 2.86   | cps   |
| Zirconium | 91-1  | 440      | 430      | 427      | 432      | 1.61   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 182363    | 184631    | 178596    | 181863    | 1.68   | cps   |
| Antimony   | 121-1 | 38949     | 39507     | 39601     | 39352     | 0.90   | cps   |
| Arsenic    | 75-2  | 323       | 333       | 313       | 323       | 3.09   | cps   |
| Barium     | 135-1 | 85517     | 86387     | 85733     | 85879     | 0.53   | cps   |
| Barium     | 137-1 | 148400    | 148519    | 148047    | 148322    | 0.17   | cps   |
| Beryllium  | 9-1   | 1306      | 1175      | 1286      | 1256      | 5.63   | cps   |
| Bismuth    | 209-1 | 4952272   | 4952565   | 5059083   | 4987974   | 1.23   | cps   |
| Bismuth    | 209-2 | 2441078   | 2380584   | 2374387   | 2398683   | 1.54   | cps   |
| Bromine    | 81-1  | 31148     | 30914     | 32254     | 31439     | 2.28   | cps   |
| Cadmium    | 108-1 | 93        | 97        | 137       | 109       | 22.15  | cps   |
| Cadmium    | 106-1 | 5068      | 5138      | 4904      | 5037      | 2.38   | cps   |
| Cadmium    | 111-1 | 4615      | 4632      | 4527      | 4592      | 1.23   | cps   |
| Calcium    | 43-1  | 3116002   | 3205623   | 3213417   | 3178347   | 1.70   | cps   |
| Calcium    | 44-1  | 51335461  | 52334498  | 52380284  | 52016748  | 1.14   | cps   |
| Carbon     | 12-1  | 4651161   | 4626853   | 4600192   | 4626069   | 0.55   | cps   |
| Carbon     | 12-2  | 31494     | 30542     | 30923     | 30986     | 1.55   | cps   |
| Chlorine   | 35-1  | 799410    | 777553    | 769060    | 782007    | 2.00   | cps   |
| Chlorine   | 35-2  | 3124      | 3277      | 3094      | 3165      | 3.11   | cps   |
| Chromium   | 52-2  | 3370      | 3400      | 3350      | 3374      | 0.75   | cps   |
| Cobalt     | 59-2  | 151480    | 150887    | 150206    | 150858    | 0.42   | cps   |
| Copper     | 63-2  | 85003     | 84922     | 86210     | 85378     | 0.84   | cps   |
| Dysprosium | 156-1 | 45116     | 45464     | 45133     | 45237     | 0.43   | cps   |
| Dysprosium | 156-2 | 17905     | 17779     | 18139     | 17941     | 1.02   | cps   |
| Erbium     | 164-1 | 55820     | 56493     | 56007     | 56107     | 0.62   | cps   |
| Erbium     | 164-2 | 22502     | 21551     | 21725     | 21926     | 2.31   | cps   |
| Gadolinium | 160-1 | 45461     | 45989     | 46123     | 45857     | 0.76   | cps   |
| Gadolinium | 160-2 | 21397     | 21471     | 21451     | 21440     | 0.18   | cps   |
| Holmium    | 165-1 | 8171769   | 8458170   | 8237832   | 8289257   | 1.81   | cps   |
| Holmium    | 165-2 | 3450847   | 3350473   | 3447966   | 3416429   | 1.67   | cps   |
| Indium     | 115-1 | 7317424   | 7490189   | 7516120   | 7441244   | 1.45   | cps   |
| Indium     | 115-2 | 818947    | 817442    | 817263    | 817884    | 0.11   | cps   |
| Iron       | 54-2  | 7655582   | 7820888   | 7807402   | 7761291   | 1.18   | cps   |
| Iron       | 56-2  | 143897761 | 144141655 | 142568395 | 143535937 | 0.59   | cps   |
| Iron       | 57-2  | 3603479   | 3651918   | 3619121   | 3624839   | 0.68   | cps   |
| Krypton    | 83-1  | 437       | 483       | 383       | 434       | 11.52  | cps   |
| Lead       | 206-1 | 9597      | 9927      | 9927      | 9817      | 1.94   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 8470     | 8973     | 8169     | 8537     | 4.76   | cps   |
| Lead       | 208-1 | 38690    | 39844    | 38479    | 39004    | 1.88   | cps   |
| Lithium    | 6-1   | 2571450  | 2546931  | 2554193  | 2557525  | 0.49   | cps   |
| Magnesium  | 24-2  | 2400846  | 2401802  | 2404669  | 2402439  | 0.08   | cps   |
| Manganese  | 55-2  | 2091408  | 2186201  | 2150969  | 2142859  | 2.24   | cps   |
| Molybdenum | 94-1  | 1797     | 1947     | 2330     | 2025     | 13.59  | cps   |
| Molybdenum | 95-1  | 1103     | 1000     | 1093     | 1066     | 5.35   | cps   |
| Molybdenum | 96-1  | 3014     | 3164     | 3064     | 3080     | 2.48   | cps   |
| Molybdenum | 97-1  | 600      | 677      | 607      | 628      | 6.77   | cps   |
| Molybdenum | 98-1  | 1347     | 1300     | 1363     | 1337     | 2.46   | cps   |
| Neodymium  | 150-1 | 43273    | 44042    | 42771    | 43362    | 1.48   | cps   |
| Neodymium  | 150-2 | 11899    | 12386    | 12032    | 12106    | 2.08   | cps   |
| Nickel     | 60-2  | 20839    | 21112    | 20638    | 20863    | 1.14   | cps   |
| Phosphorus | 31-2  | 257      | 347      | 217      | 273      | 24.36  | cps   |
| Potassium  | 39-2  | 111527   | 111507   | 109239   | 110758   | 1.19   | cps   |
| Rhodium    | 103-1 | 6924286  | 6771680  | 6922322  | 6872763  | 1.27   | cps   |
| Rhodium    | 103-2 | 3039887  | 3041427  | 2971346  | 3017554  | 1.33   | cps   |
| Scandium   | 45-1  | 4963839  | 5011486  | 4993115  | 4989480  | 0.48   | cps   |
| Scandium   | 45-2  | 104198   | 104903   | 103748   | 104283   | 0.56   | cps   |
| Selenium   | 82-1  | 177      | 153      | 203      | 178      | 14.07  | cps   |
| Selenium   | 77-2  | 50       | 87       | 70       | 69       | 26.65  | cps   |
| Selenium   | 78-2  | 107      | 83       | 117      | 102      | 16.74  | cps   |
| Silicon    | 28-1  | 90079802 | 88448119 | 88856572 | 89128164 | 0.95   | cps   |
| Silver     | 107-1 | 803      | 873      | 830      | 836      | 4.23   | cps   |
| Silver     | 109-1 | 807      | 753      | 793      | 784      | 3.54   | cps   |
| Sodium     | 23-2  | 5376811  | 5327215  | 5279066  | 5327698  | 0.92   | cps   |
| Strontium  | 86-1  | 572284   | 557578   | 566377   | 565413   | 1.31   | cps   |
| Strontium  | 88-1  | 5217673  | 5223614  | 5194978  | 5212089  | 0.29   | cps   |
| Sulfur     | 34-1  | 5427632  | 5460562  | 5381690  | 5423295  | 0.73   | cps   |
| Terbium    | 159-1 | 8748625  | 8903857  | 8938744  | 8863742  | 1.14   | cps   |
| Terbium    | 159-2 | 3297515  | 3324231  | 3353757  | 3325168  | 0.85   | cps   |
| Thallium   | 203-1 | 2110     | 2047     | 2080     | 2079     | 1.52   | cps   |
| Thallium   | 205-1 | 4961     | 4814     | 4928     | 4901     | 1.57   | cps   |
| Tin        | 118-1 | 7636     | 7519     | 7556     | 7570     | 0.79   | cps   |
| Titanium   | 47-1  | 2104     | 2097     | 2304     | 2168     | 5.42   | cps   |
| Uranium    | 238-1 | 33006    | 33986    | 33608    | 33533    | 1.47   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-08DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:55:16 DataFile Name : 032AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 27767    | 27102    | 27670    | 27513    | 1.31   | cps   |
| Ytterbium | 172-1 | 20726    | 21601    | 21170    | 21166    | 2.07   | cps   |
| Ytterbium | 172-2 | 10024    | 9790     | 9600     | 9805     | 2.16   | cps   |
| Ytterbium | 176-1 | 13674    | 13557    | 13594    | 13608    | 0.44   | cps   |
| Ytterbium | 176-2 | 6425     | 6405     | 6605     | 6478     | 1.70   | cps   |
| Yttrium   | 89-1  | 15002376 | 14718237 | 14576941 | 14765851 | 1.47   | cps   |
| Yttrium   | 89-2  | 1142638  | 1134957  | 1141635  | 1139743  | 0.37   | cps   |
| Zinc      | 66-2  | 94355    | 95392    | 94996    | 94914    | 0.55   | cps   |
| Zirconium | 90-1  | 3371     | 3684     | 3834     | 3629     | 6.51   | cps   |
| Zirconium | 91-1  | 633      | 840      | 860      | 778      | 16.14  | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 242334    | 239276    | 238951    | 240187    | 0.78   | cps   |
| Antimony   | 121-1 | 890       | 963       | 927       | 927       | 3.96   | cps   |
| Arsenic    | 75-2  | 200       | 237       | 200       | 212       | 9.98   | cps   |
| Barium     | 135-1 | 81453     | 82107     | 83110     | 82223     | 1.02   | cps   |
| Barium     | 137-1 | 140393    | 141211    | 142831    | 141478    | 0.88   | cps   |
| Beryllium  | 9-1   | 697       | 687       | 632       | 672       | 5.20   | cps   |
| Bismuth    | 209-1 | 4922936   | 5000000   | 5016711   | 4979882   | 1.00   | cps   |
| Bismuth    | 209-2 | 2446242   | 2404632   | 2430178   | 2427017   | 0.86   | cps   |
| Bromine    | 81-1  | 31596     | 30640     | 31211     | 31149     | 1.54   | cps   |
| Cadmium    | 108-1 | 43        | 50        | 63        | 52        | 19.50  | cps   |
| Cadmium    | 106-1 | 4721      | 4838      | 4804      | 4788      | 1.26   | cps   |
| Cadmium    | 111-1 | 3658      | 3735      | 3689      | 3694      | 1.05   | cps   |
| Calcium    | 43-1  | 2903697   | 2993486   | 2949206   | 2948796   | 1.52   | cps   |
| Calcium    | 44-1  | 48169073  | 48846969  | 48276828  | 48430957  | 0.75   | cps   |
| Carbon     | 12-1  | 4580543   | 4663063   | 4605379   | 4616328   | 0.92   | cps   |
| Carbon     | 12-2  | 31360     | 31370     | 31440     | 31390     | 0.14   | cps   |
| Chlorine   | 35-1  | 653203    | 645852    | 636979    | 645345    | 1.26   | cps   |
| Chlorine   | 35-2  | 2767      | 2734      | 2777      | 2759      | 0.82   | cps   |
| Chromium   | 52-2  | 3164      | 3220      | 3037      | 3140      | 2.99   | cps   |
| Cobalt     | 59-2  | 144447    | 145000    | 143068    | 144172    | 0.69   | cps   |
| Copper     | 63-2  | 93381     | 93015     | 91066     | 92487     | 1.35   | cps   |
| Dysprosium | 156-1 | 47705     | 48695     | 48293     | 48231     | 1.03   | cps   |
| Dysprosium | 156-2 | 19100     | 18857     | 18763     | 18907     | 0.92   | cps   |
| Erbium     | 164-1 | 58361     | 59023     | 59422     | 58935     | 0.91   | cps   |
| Erbium     | 164-2 | 23294     | 22546     | 22406     | 22748     | 2.10   | cps   |
| Gadolinium | 160-1 | 47069     | 48311     | 48073     | 47818     | 1.38   | cps   |
| Gadolinium | 160-2 | 22893     | 22783     | 22659     | 22778     | 0.51   | cps   |
| Holmium    | 165-1 | 8559422   | 8291167   | 8333629   | 8394740   | 1.72   | cps   |
| Holmium    | 165-2 | 3431748   | 3395802   | 3413720   | 3413756   | 0.53   | cps   |
| Indium     | 115-1 | 7506185   | 7445522   | 7532593   | 7494767   | 0.60   | cps   |
| Indium     | 115-2 | 827829    | 822014    | 818531    | 822791    | 0.57   | cps   |
| Iron       | 54-2  | 7982454   | 8094417   | 7834406   | 7970426   | 1.64   | cps   |
| Iron       | 56-2  | 148613351 | 149145088 | 146925408 | 148227949 | 0.78   | cps   |
| Iron       | 57-2  | 3751691   | 3741521   | 3702078   | 3731763   | 0.70   | cps   |
| Krypton    | 83-1  | 467       | 407       | 480       | 451       | 8.66   | cps   |
| Lead       | 206-1 | 3714      | 3264      | 3444      | 3474      | 6.52   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 2770     | 2927     | 2970     | 2889     | 3.64   | cps   |
| Lead       | 208-1 | 13480    | 13166    | 13293    | 13313    | 1.18   | cps   |
| Lithium    | 6-1   | 2459217  | 2487315  | 2502683  | 2483072  | 0.89   | cps   |
| Magnesium  | 24-2  | 2514564  | 2494721  | 2458909  | 2489398  | 1.13   | cps   |
| Manganese  | 55-2  | 2033695  | 2033758  | 1980216  | 2015890  | 1.53   | cps   |
| Molybdenum | 94-1  | 1037     | 1000     | 1070     | 1036     | 3.38   | cps   |
| Molybdenum | 95-1  | 610      | 607      | 720      | 646      | 9.99   | cps   |
| Molybdenum | 96-1  | 2677     | 2660     | 2544     | 2627     | 2.77   | cps   |
| Molybdenum | 97-1  | 347      | 333      | 383      | 354      | 7.30   | cps   |
| Molybdenum | 98-1  | 753      | 717      | 703      | 724      | 3.57   | cps   |
| Neodymium  | 150-1 | 47015    | 46601    | 46745    | 46787    | 0.45   | cps   |
| Neodymium  | 150-2 | 13096    | 13390    | 13006    | 13164    | 1.52   | cps   |
| Nickel     | 60-2  | 20225    | 20458    | 20381    | 20355    | 0.58   | cps   |
| Phosphorus | 31-2  | 140      | 140      | 143      | 141      | 1.37   | cps   |
| Potassium  | 39-2  | 94024    | 93661    | 93409    | 93698    | 0.33   | cps   |
| Rhodium    | 103-1 | 6925624  | 6779483  | 6861043  | 6855384  | 1.07   | cps   |
| Rhodium    | 103-2 | 2986994  | 3067122  | 3004374  | 3019496  | 1.40   | cps   |
| Scandium   | 45-1  | 5103049  | 4988470  | 5007852  | 5033123  | 1.22   | cps   |
| Scandium   | 45-2  | 107310   | 105027   | 107132   | 106490   | 1.19   | cps   |
| Selenium   | 82-1  | 97       | 120      | 30       | 82       | 56.80  | cps   |
| Selenium   | 77-2  | 53       | 117      | 50       | 73       | 51.23  | cps   |
| Selenium   | 78-2  | 100      | 113      | 110      | 108      | 6.44   | cps   |
| Silicon    | 28-1  | 90620119 | 91145135 | 90287349 | 90684201 | 0.48   | cps   |
| Silver     | 107-1 | 277      | 287      | 287      | 283      | 2.04   | cps   |
| Silver     | 109-1 | 220      | 207      | 267      | 231      | 13.63  | cps   |
| Sodium     | 23-2  | 4413688  | 4363150  | 4378890  | 4385243  | 0.59   | cps   |
| Strontium  | 86-1  | 539734   | 536895   | 541586   | 539405   | 0.44   | cps   |
| Strontium  | 88-1  | 4826982  | 5004856  | 4972248  | 4934696  | 1.92   | cps   |
| Sulfur     | 34-1  | 5380345  | 5300863  | 5207779  | 5296329  | 1.63   | cps   |
| Terbium    | 159-1 | 8686685  | 8725252  | 8698344  | 8703427  | 0.23   | cps   |
| Terbium    | 159-2 | 3393941  | 3281858  | 3345600  | 3340466  | 1.68   | cps   |
| Thallium   | 203-1 | 620      | 687      | 587      | 631      | 8.07   | cps   |
| Thallium   | 205-1 | 1503     | 1377     | 1373     | 1418     | 5.23   | cps   |
| Tin        | 118-1 | 4534     | 4724     | 4821     | 4693     | 3.11   | cps   |
| Titanium   | 47-1  | 2047     | 2067     | 2020     | 2045     | 1.15   | cps   |
| Uranium    | 238-1 | 31950    | 32084    | 32582    | 32205    | 1.03   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-10DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 16:58:30 DataFile Name : 033AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 41604    | 41076    | 41366    | 41349    | 0.64   | cps   |
| Ytterbium | 172-1 | 21758    | 21928    | 21584    | 21757    | 0.79   | cps   |
| Ytterbium | 172-2 | 10264    | 10224    | 10127    | 10205    | 0.69   | cps   |
| Ytterbium | 176-1 | 14114    | 14128    | 13981    | 14074    | 0.58   | cps   |
| Ytterbium | 176-2 | 6602     | 6678     | 6472     | 6584     | 1.59   | cps   |
| Yttrium   | 89-1  | 14746247 | 14682087 | 14726954 | 14718429 | 0.22   | cps   |
| Yttrium   | 89-2  | 1142004  | 1141167  | 1136555  | 1139909  | 0.26   | cps   |
| Zinc      | 66-2  | 79900    | 79723    | 79997    | 79873    | 0.17   | cps   |
| Zirconium | 90-1  | 1800     | 1843     | 1880     | 1841     | 2.18   | cps   |
| Zirconium | 91-1  | 367      | 387      | 390      | 381      | 3.31   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 195403    | 198651    | 194585    | 196213    | 1.10   | cps   |
| Antimony   | 121-1 | 320       | 380       | 307       | 336       | 11.64  | cps   |
| Arsenic    | 75-2  | 187       | 197       | 153       | 179       | 12.68  | cps   |
| Barium     | 135-1 | 77557     | 78422     | 76856     | 77612     | 1.01   | cps   |
| Barium     | 137-1 | 133249    | 136090    | 135073    | 134804    | 1.07   | cps   |
| Beryllium  | 9-1   | 464       | 435       | 434       | 444       | 3.82   | cps   |
| Bismuth    | 209-1 | 4778677   | 4851324   | 4875853   | 4835285   | 1.05   | cps   |
| Bismuth    | 209-2 | 2353415   | 2371477   | 2394333   | 2373075   | 0.86   | cps   |
| Bromine    | 81-1  | 30771     | 30834     | 30644     | 30749     | 0.32   | cps   |
| Cadmium    | 108-1 | 37        | 27        | 13        | 26        | 45.82  | cps   |
| Cadmium    | 106-1 | 4734      | 4911      | 4531      | 4725      | 4.03   | cps   |
| Cadmium    | 111-1 | 3578      | 3722      | 3446      | 3582      | 3.86   | cps   |
| Calcium    | 43-1  | 3318585   | 3286513   | 3315205   | 3306768   | 0.53   | cps   |
| Calcium    | 44-1  | 53728933  | 53425473  | 53228594  | 53461000  | 0.47   | cps   |
| Carbon     | 12-1  | 4480736   | 4581435   | 4569566   | 4543912   | 1.21   | cps   |
| Carbon     | 12-2  | 29743     | 30158     | 30919     | 30273     | 1.97   | cps   |
| Chlorine   | 35-1  | 569020    | 565964    | 559621    | 564868    | 0.85   | cps   |
| Chlorine   | 35-2  | 2377      | 2477      | 2387      | 2414      | 2.28   | cps   |
| Chromium   | 52-2  | 3494      | 3410      | 3544      | 3483      | 1.93   | cps   |
| Cobalt     | 59-2  | 123110    | 124838    | 121194    | 123047    | 1.48   | cps   |
| Copper     | 63-2  | 57994     | 56793     | 56492     | 57093     | 1.39   | cps   |
| Dysprosium | 156-1 | 44825     | 44404     | 44427     | 44552     | 0.53   | cps   |
| Dysprosium | 156-2 | 17675     | 17705     | 17955     | 17779     | 0.87   | cps   |
| Erbium     | 164-1 | 53490     | 51479     | 51917     | 52296     | 2.02   | cps   |
| Erbium     | 164-2 | 20049     | 20609     | 19898     | 20185     | 1.86   | cps   |
| Gadolinium | 160-1 | 43561     | 43691     | 43915     | 43722     | 0.41   | cps   |
| Gadolinium | 160-2 | 20599     | 21140     | 20372     | 20704     | 1.91   | cps   |
| Holmium    | 165-1 | 8376735   | 8535308   | 8302811   | 8404951   | 1.41   | cps   |
| Holmium    | 165-2 | 3431822   | 3434943   | 3389392   | 3418719   | 0.74   | cps   |
| Indium     | 115-1 | 7348391   | 7435718   | 7454366   | 7412825   | 0.76   | cps   |
| Indium     | 115-2 | 824481    | 821274    | 816101    | 820619    | 0.52   | cps   |
| Iron       | 54-2  | 7794185   | 7640194   | 7682840   | 7705740   | 1.03   | cps   |
| Iron       | 56-2  | 140101955 | 142285731 | 141903211 | 141430299 | 0.82   | cps   |
| Iron       | 57-2  | 3591957   | 3615693   | 3551114   | 3586255   | 0.91   | cps   |
| Krypton    | 83-1  | 407       | 417       | 440       | 421       | 4.06   | cps   |
| Lead       | 206-1 | 3297      | 3257      | 3217      | 3257      | 1.23   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 2804     | 2720     | 2607     | 2710     | 3.64   | cps   |
| Lead       | 208-1 | 12366    | 12546    | 12396    | 12436    | 0.78   | cps   |
| Lithium    | 6-1   | 2481587  | 2466031  | 2449045  | 2465554  | 0.66   | cps   |
| Magnesium  | 24-2  | 2970968  | 2999018  | 2960555  | 2976847  | 0.67   | cps   |
| Manganese  | 55-2  | 2105548  | 2129752  | 2118578  | 2117959  | 0.57   | cps   |
| Molybdenum | 94-1  | 1200     | 1270     | 1377     | 1282     | 6.94   | cps   |
| Molybdenum | 95-1  | 773      | 817      | 740      | 777      | 4.95   | cps   |
| Molybdenum | 96-1  | 2777     | 2524     | 2744     | 2681     | 5.13   | cps   |
| Molybdenum | 97-1  | 400      | 417      | 377      | 398      | 5.05   | cps   |
| Molybdenum | 98-1  | 913      | 953      | 950      | 939      | 2.36   | cps   |
| Neodymium  | 150-1 | 44915    | 44651    | 44430    | 44665    | 0.54   | cps   |
| Neodymium  | 150-2 | 12729    | 12506    | 12739    | 12658    | 1.04   | cps   |
| Nickel     | 60-2  | 31846    | 31802    | 31608    | 31752    | 0.40   | cps   |
| Phosphorus | 31-2  | 147      | 167      | 160      | 158      | 6.45   | cps   |
| Potassium  | 39-2  | 96868    | 97845    | 97775    | 97496    | 0.56   | cps   |
| Rhodium    | 103-1 | 6746950  | 6932089  | 6756422  | 6811820  | 1.53   | cps   |
| Rhodium    | 103-2 | 3032484  | 3045366  | 2953773  | 3010541  | 1.65   | cps   |
| Scandium   | 45-1  | 5010771  | 4998546  | 5006659  | 5005325  | 0.12   | cps   |
| Scandium   | 45-2  | 105840   | 106411   | 106514   | 106255   | 0.34   | cps   |
| Selenium   | 82-1  | 127      | 177      | 53       | 119      | 52.17  | cps   |
| Selenium   | 77-2  | 103      | 93       | 57       | 84       | 29.09  | cps   |
| Selenium   | 78-2  | 70       | 67       | 113      | 83       | 31.24  | cps   |
| Silicon    | 28-1  | 81994689 | 83473414 | 82963539 | 82810547 | 0.91   | cps   |
| Silver     | 107-1 | 283      | 247      | 240      | 257      | 9.09   | cps   |
| Silver     | 109-1 | 153      | 187      | 117      | 152      | 23.00  | cps   |
| Sodium     | 23-2  | 5896883  | 5976837  | 5893697  | 5922472  | 0.80   | cps   |
| Strontium  | 86-1  | 522561   | 536752   | 535580   | 531631   | 1.48   | cps   |
| Strontium  | 88-1  | 4894284  | 4854183  | 4772798  | 4840422  | 1.28   | cps   |
| Sulfur     | 34-1  | 5607241  | 5698401  | 5714856  | 5673499  | 1.02   | cps   |
| Terbium    | 159-1 | 8704980  | 8671961  | 8707682  | 8694874  | 0.23   | cps   |
| Terbium    | 159-2 | 3409142  | 3383211  | 3346458  | 3379603  | 0.93   | cps   |
| Thallium   | 203-1 | 437      | 577      | 500      | 504      | 13.90  | cps   |
| Thallium   | 205-1 | 1207     | 1243     | 1270     | 1240     | 2.56   | cps   |
| Tin        | 118-1 | 4758     | 4738     | 4851     | 4782     | 1.27   | cps   |
| Titanium   | 47-1  | 5464     | 5221     | 5458     | 5381     | 2.58   | cps   |
| Uranium    | 238-1 | 26949    | 27633    | 27968    | 27517    | 1.89   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-18DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:01:46 DataFile Name : 034AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 82925    | 83650    | 82157    | 82911    | 0.90   | cps   |
| Ytterbium | 172-1 | 17675    | 17956    | 18039    | 17890    | 1.07   | cps   |
| Ytterbium | 172-2 | 8606     | 8860     | 8509     | 8658     | 2.09   | cps   |
| Ytterbium | 176-1 | 12119    | 11548    | 11925    | 11864    | 2.45   | cps   |
| Ytterbium | 176-2 | 5291     | 5565     | 5528     | 5461     | 2.72   | cps   |
| Yttrium   | 89-1  | 14686001 | 14457141 | 14422323 | 14521822 | 0.99   | cps   |
| Yttrium   | 89-2  | 1140533  | 1134049  | 1128944  | 1134509  | 0.51   | cps   |
| Zinc      | 66-2  | 76967    | 77417    | 76093    | 76826    | 0.88   | cps   |
| Zirconium | 90-1  | 2030     | 2214     | 2154     | 2132     | 4.38   | cps   |
| Zirconium | 91-1  | 510      | 430      | 477      | 472      | 8.51   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 70235     | 71474     | 69974     | 70561     | 1.14   | cps   |
| Antimony   | 121-1 | 307       | 260       | 390       | 319       | 20.65  | cps   |
| Arsenic    | 75-2  | 123       | 127       | 140       | 130       | 6.78   | cps   |
| Barium     | 135-1 | 76883     | 78848     | 78640     | 78123     | 1.38   | cps   |
| Barium     | 137-1 | 133246    | 134471    | 135609    | 134442    | 0.88   | cps   |
| Beryllium  | 9-1   | 407       | 454       | 392       | 418       | 7.64   | cps   |
| Bismuth    | 209-1 | 4939138   | 4931340   | 4864673   | 4911717   | 0.83   | cps   |
| Bismuth    | 209-2 | 2392844   | 2411176   | 2450421   | 2418147   | 1.22   | cps   |
| Bromine    | 81-1  | 31632     | 31746     | 29798     | 31059     | 3.52   | cps   |
| Cadmium    | 108-1 | 43        | 53        | 40        | 46        | 15.23  | cps   |
| Cadmium    | 106-1 | 4721      | 4641      | 4658      | 4673      | 0.90   | cps   |
| Cadmium    | 111-1 | 3684      | 3678      | 3612      | 3658      | 1.09   | cps   |
| Calcium    | 43-1  | 3538628   | 3548741   | 3559078   | 3548816   | 0.29   | cps   |
| Calcium    | 44-1  | 57769894  | 59110284  | 58739191  | 58539790  | 1.18   | cps   |
| Carbon     | 12-1  | 4403114   | 4497147   | 4485543   | 4461935   | 1.15   | cps   |
| Carbon     | 12-2  | 31280     | 30074     | 30051     | 30468     | 2.31   | cps   |
| Chlorine   | 35-1  | 511069    | 501119    | 496179    | 502789    | 1.51   | cps   |
| Chlorine   | 35-2  | 2217      | 2020      | 2084      | 2107      | 4.77   | cps   |
| Chromium   | 52-2  | 2557      | 2287      | 2274      | 2372      | 6.74   | cps   |
| Cobalt     | 59-2  | 240982    | 236384    | 238078    | 238481    | 0.98   | cps   |
| Copper     | 63-2  | 48041     | 47252     | 47422     | 47572     | 0.87   | cps   |
| Dysprosium | 156-1 | 30859     | 31307     | 30876     | 31014     | 0.82   | cps   |
| Dysprosium | 156-2 | 12396     | 12876     | 12282     | 12518     | 2.52   | cps   |
| Erbium     | 164-1 | 40211     | 40037     | 40645     | 40298     | 0.78   | cps   |
| Erbium     | 164-2 | 15880     | 15606     | 15976     | 15821     | 1.21   | cps   |
| Gadolinium | 160-1 | 31437     | 31507     | 31664     | 31536     | 0.37   | cps   |
| Gadolinium | 160-2 | 14531     | 14972     | 14691     | 14732     | 1.51   | cps   |
| Holmium    | 165-1 | 8444928   | 8344851   | 8470383   | 8420054   | 0.79   | cps   |
| Holmium    | 165-2 | 3389799   | 3489398   | 3489305   | 3456167   | 1.66   | cps   |
| Indium     | 115-1 | 7609487   | 7419436   | 7603832   | 7544252   | 1.43   | cps   |
| Indium     | 115-2 | 824070    | 830031    | 825916    | 826672    | 0.37   | cps   |
| Iron       | 54-2  | 5689616   | 5757142   | 5769947   | 5738902   | 0.75   | cps   |
| Iron       | 56-2  | 106034252 | 104652578 | 104422102 | 105036311 | 0.83   | cps   |
| Iron       | 57-2  | 2695492   | 2694752   | 2717893   | 2702713   | 0.49   | cps   |
| Krypton    | 83-1  | 423       | 430       | 397       | 417       | 4.23   | cps   |
| Lead       | 206-1 | 2187      | 2070      | 2257      | 2171      | 4.34   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 1837     | 1813     | 1780     | 1810     | 1.57   | cps   |
| Lead       | 208-1 | 8258     | 8004     | 8301     | 8188     | 1.96   | cps   |
| Lithium    | 6-1   | 2345117  | 2449994  | 2359286  | 2384799  | 2.39   | cps   |
| Magnesium  | 24-2  | 2342298  | 2310806  | 2288618  | 2313908  | 1.17   | cps   |
| Manganese  | 55-2  | 3405201  | 3364551  | 3337646  | 3369133  | 1.01   | cps   |
| Molybdenum | 94-1  | 1047     | 1073     | 1167     | 1096     | 5.75   | cps   |
| Molybdenum | 95-1  | 593      | 653      | 633      | 627      | 4.88   | cps   |
| Molybdenum | 96-1  | 2007     | 2030     | 2067     | 2035     | 1.49   | cps   |
| Molybdenum | 97-1  | 277      | 293      | 260      | 277      | 6.02   | cps   |
| Molybdenum | 98-1  | 720      | 690      | 643      | 684      | 5.65   | cps   |
| Neodymium  | 150-1 | 27575    | 27775    | 27632    | 27661    | 0.37   | cps   |
| Neodymium  | 150-2 | 7736     | 7882     | 7936     | 7851     | 1.32   | cps   |
| Nickel     | 60-2  | 25603    | 25476    | 25834    | 25638    | 0.71   | cps   |
| Phosphorus | 31-2  | 123      | 140      | 153      | 139      | 10.82  | cps   |
| Potassium  | 39-2  | 101315   | 100947   | 100963   | 101075   | 0.21   | cps   |
| Rhodium    | 103-1 | 6882159  | 6873556  | 7010886  | 6922200  | 1.11   | cps   |
| Rhodium    | 103-2 | 3081526  | 3011690  | 3048849  | 3047355  | 1.15   | cps   |
| Scandium   | 45-1  | 4950014  | 4990996  | 5147062  | 5029357  | 2.07   | cps   |
| Scandium   | 45-2  | 105759   | 107152   | 106595   | 106502   | 0.66   | cps   |
| Selenium   | 82-1  | 47       | 7        | 140      | 64       | 106.16 | cps   |
| Selenium   | 77-2  | 47       | 77       | 43       | 56       | 33.05  | cps   |
| Selenium   | 78-2  | 70       | 53       | 70       | 64       | 14.93  | cps   |
| Silicon    | 28-1  | 74991157 | 75418026 | 75510354 | 75306512 | 0.37   | cps   |
| Silver     | 107-1 | 210      | 257      | 217      | 228      | 11.08  | cps   |
| Silver     | 109-1 | 183      | 150      | 143      | 159      | 13.49  | cps   |
| Sodium     | 23-2  | 4313614  | 4278236  | 4260830  | 4284227  | 0.63   | cps   |
| Strontium  | 86-1  | 670506   | 674494   | 671398   | 672133   | 0.31   | cps   |
| Strontium  | 88-1  | 6087333  | 6227125  | 6139549  | 6151336  | 1.15   | cps   |
| Sulfur     | 34-1  | 5092315  | 5058288  | 5086389  | 5078997  | 0.36   | cps   |
| Terbium    | 159-1 | 8817329  | 8638452  | 8529694  | 8661825  | 1.68   | cps   |
| Terbium    | 159-2 | 3409525  | 3382189  | 3280982  | 3357565  | 2.02   | cps   |
| Thallium   | 203-1 | 467      | 490      | 463      | 473      | 3.07   | cps   |
| Thallium   | 205-1 | 1160     | 1177     | 1020     | 1119     | 7.69   | cps   |
| Tin        | 118-1 | 4804     | 5024     | 4701     | 4843     | 3.41   | cps   |
| Titanium   | 47-1  | 1733     | 1653     | 1830     | 1739     | 5.09   | cps   |
| Uranium    | 238-1 | 18484    | 19058    | 18594    | 18712    | 1.63   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:04:59 DataFile Name : 035AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 7405     | 7195     | 7269     | 7290     | 1.46   | cps   |
| Ytterbium | 172-1 | 15606    | 15172    | 15619    | 15466    | 1.65   | cps   |
| Ytterbium | 172-2 | 7222     | 7012     | 6919     | 7051     | 2.20   | cps   |
| Ytterbium | 176-1 | 10057    | 10124    | 10034    | 10072    | 0.46   | cps   |
| Ytterbium | 176-2 | 4758     | 4698     | 4791     | 4749     | 1.00   | cps   |
| Yttrium   | 89-1  | 14219630 | 14356979 | 14568619 | 14381743 | 1.22   | cps   |
| Yttrium   | 89-2  | 1119087  | 1127651  | 1122521  | 1123086  | 0.38   | cps   |
| Zinc      | 66-2  | 84761    | 84051    | 85235    | 84682    | 0.70   | cps   |
| Zirconium | 90-1  | 1650     | 1663     | 1800     | 1705     | 4.87   | cps   |
| Zirconium | 91-1  | 397      | 387      | 353      | 379      | 5.99   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 71505     | 70098     | 68290     | 69964     | 2.30   | cps   |
| Antimony   | 121-1 | 537       | 400       | 437       | 458       | 15.45  | cps   |
| Arsenic    | 75-2  | 177       | 157       | 163       | 166       | 6.15   | cps   |
| Barium     | 135-1 | 77356     | 79706     | 78445     | 78502     | 1.50   | cps   |
| Barium     | 137-1 | 133599    | 135244    | 138244    | 135696    | 1.74   | cps   |
| Beryllium  | 9-1   | 412       | 399       | 424       | 412       | 3.04   | cps   |
| Bismuth    | 209-1 | 4945979   | 4548148   | 3414862   | 4302996   | 18.46  | cps   |
| Bismuth    | 209-2 | 2340313   | 2367690   | 2330237   | 2346080   | 0.83   | cps   |
| Bromine    | 81-1  | 31876     | 32000     | 31586     | 31821     | 0.67   | cps   |
| Cadmium    | 108-1 | 50        | 53        | 43        | 49        | 10.42  | cps   |
| Cadmium    | 106-1 | 4424      | 4624      | 3317      | 4122      | 17.08  | cps   |
| Cadmium    | 111-1 | 3542      | 3646      | 2698      | 3296      | 15.77  | cps   |
| Calcium    | 43-1  | 3526867   | 3610481   | 3600424   | 3579257   | 1.28   | cps   |
| Calcium    | 44-1  | 57020811  | 58112207  | 58385472  | 57839497  | 1.25   | cps   |
| Carbon     | 12-1  | 4456916   | 4435896   | 4532043   | 4474952   | 1.13   | cps   |
| Carbon     | 12-2  | 29984     | 30612     | 30315     | 30303     | 1.04   | cps   |
| Chlorine   | 35-1  | 462530    | 454411    | 449663    | 455534    | 1.43   | cps   |
| Chlorine   | 35-2  | 1923      | 1910      | 1953      | 1929      | 1.15   | cps   |
| Chromium   | 52-2  | 2090      | 2144      | 2190      | 2141      | 2.34   | cps   |
| Cobalt     | 59-2  | 236954    | 237136    | 238721    | 237604    | 0.41   | cps   |
| Copper     | 63-2  | 46513     | 47285     | 46706     | 46835     | 0.86   | cps   |
| Dysprosium | 156-1 | 31173     | 30983     | 31888     | 31348     | 1.52   | cps   |
| Dysprosium | 156-2 | 12393     | 12553     | 12529     | 12491     | 0.69   | cps   |
| Erbium     | 164-1 | 39495     | 40799     | 40418     | 40237     | 1.67   | cps   |
| Erbium     | 164-2 | 15506     | 15673     | 15419     | 15532     | 0.83   | cps   |
| Gadolinium | 160-1 | 30775     | 31915     | 31862     | 31517     | 2.04   | cps   |
| Gadolinium | 160-2 | 14682     | 14615     | 14281     | 14526     | 1.48   | cps   |
| Holmium    | 165-1 | 8599772   | 8181503   | 5765662   | 7515646   | 20.36  | cps   |
| Holmium    | 165-2 | 3358545   | 3388026   | 3335382   | 3360651   | 0.79   | cps   |
| Indium     | 115-1 | 7429866   | 7058204   | 4973994   | 6487354   | 20.40  | cps   |
| Indium     | 115-2 | 798833    | 809745    | 793477    | 800685    | 1.04   | cps   |
| Iron       | 54-2  | 5712737   | 5663927   | 5647081   | 5674582   | 0.60   | cps   |
| Iron       | 56-2  | 102968448 | 104449322 | 104927655 | 104115142 | 0.98   | cps   |
| Iron       | 57-2  | 2660701   | 2708077   | 2646249   | 2671676   | 1.21   | cps   |
| Krypton    | 83-1  | 410       | 440       | 443       | 431       | 4.26   | cps   |
| Lead       | 206-1 | 2570      | 2517      | 2664      | 2584      | 2.87   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 2177     | 2264     | 2070     | 2170     | 4.46   | cps   |
| Lead       | 208-1 | 9955     | 10108    | 9888     | 9984     | 1.13   | cps   |
| Lithium    | 6-1   | 2268661  | 2228972  | 1557377  | 2018336  | 19.80  | cps   |
| Magnesium  | 24-2  | 2330802  | 2336257  | 2289714  | 2318925  | 1.10   | cps   |
| Manganese  | 55-2  | 3309192  | 3342765  | 3317866  | 3323274  | 0.52   | cps   |
| Molybdenum | 94-1  | 903      | 1000     | 967      | 957      | 5.13   | cps   |
| Molybdenum | 95-1  | 583      | 673      | 573      | 610      | 9.03   | cps   |
| Molybdenum | 96-1  | 1973     | 1893     | 2004     | 1957     | 2.91   | cps   |
| Molybdenum | 97-1  | 267      | 253      | 273      | 264      | 3.85   | cps   |
| Molybdenum | 98-1  | 570      | 590      | 553      | 571      | 3.21   | cps   |
| Neodymium  | 150-1 | 27849    | 27632    | 28173    | 27885    | 0.98   | cps   |
| Neodymium  | 150-2 | 7839     | 7592     | 7906     | 7779     | 2.12   | cps   |
| Nickel     | 60-2  | 24585    | 25439    | 25366    | 25130    | 1.89   | cps   |
| Phosphorus | 31-2  | 123      | 93       | 110      | 109      | 13.81  | cps   |
| Potassium  | 39-2  | 102075   | 101369   | 101044   | 101496   | 0.52   | cps   |
| Rhodium    | 103-1 | 6898322  | 6616642  | 4566156  | 6027040  | 21.12  | cps   |
| Rhodium    | 103-2 | 2896294  | 2992175  | 2918645  | 2935705  | 1.71   | cps   |
| Scandium   | 45-1  | 5039121  | 4867532  | 3307896  | 4404850  | 21.65  | cps   |
| Scandium   | 45-2  | 102573   | 104191   | 102718   | 103161   | 0.87   | cps   |
| Selenium   | 82-1  | 47       | 70       | 100      | 72       | 37.02  | cps   |
| Selenium   | 77-2  | 60       | 53       | 67       | 60       | 11.12  | cps   |
| Selenium   | 78-2  | 77       | 83       | 73       | 78       | 6.55   | cps   |
| Silicon    | 28-1  | 73942689 | 72662386 | 76162529 | 74255868 | 2.38   | cps   |
| Silver     | 107-1 | 230      | 197      | 183      | 203      | 11.82  | cps   |
| Silver     | 109-1 | 137      | 173      | 133      | 148      | 15.02  | cps   |
| Sodium     | 23-2  | 4276160  | 4280577  | 4226249  | 4260995  | 0.71   | cps   |
| Strontium  | 86-1  | 665844   | 668713   | 669843   | 668133   | 0.31   | cps   |
| Strontium  | 88-1  | 6035468  | 6153316  | 6068059  | 6085614  | 1.00   | cps   |
| Sulfur     | 34-1  | 5016069  | 5054482  | 5055806  | 5042119  | 0.45   | cps   |
| Terbium    | 159-1 | 8541244  | 8200064  | 5812725  | 7518011  | 19.77  | cps   |
| Terbium    | 159-2 | 3255069  | 3317881  | 3220324  | 3264425  | 1.51   | cps   |
| Thallium   | 203-1 | 433      | 483      | 403      | 440      | 9.18   | cps   |
| Thallium   | 205-1 | 950      | 920      | 1037     | 969      | 6.25   | cps   |
| Tin        | 118-1 | 4618     | 4891     | 4587     | 4699     | 3.56   | cps   |
| Titanium   | 47-1  | 1803     | 1580     | 1633     | 1672     | 6.98   | cps   |
| Uranium    | 238-1 | 17906    | 18317    | 19221    | 18481    | 3.64   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20DUPDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325DUP Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:08:13 DataFile Name : 036AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|---------|----------|--------|-------|
| Vanadium  | 51-2  | 7135     | 7025     | 7499    | 7220     | 3.43   | cps   |
| Ytterbium | 172-1 | 15052    | 15389    | 15506   | 15316    | 1.54   | cps   |
| Ytterbium | 172-2 | 7302     | 6979     | 7342    | 7208     | 2.77   | cps   |
| Ytterbium | 176-1 | 9927     | 10264    | 10081   | 10091    | 1.67   | cps   |
| Ytterbium | 176-2 | 4437     | 4641     | 4818    | 4632     | 4.11   | cps   |
| Yttrium   | 89-1  | 14350416 | 13806991 | 9958668 | 12705358 | 18.84  | cps   |
| Yttrium   | 89-2  | 1078992  | 1111552  | 1082712 | 1091085  | 1.63   | cps   |
| Zinc      | 66-2  | 84527    | 84054    | 84182   | 84254    | 0.29   | cps   |
| Zirconium | 90-1  | 1487     | 1740     | 1537    | 1588     | 8.45   | cps   |
| Zirconium | 91-1  | 350      | 420      | 367     | 379      | 9.65   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 14714    | 14948    | 14554    | 14739    | 1.34   | cps   |
| Antimony   | 121-1 | 4271     | 4281     | 4347     | 4300     | 0.97   | cps   |
| Arsenic    | 75-2  | 33       | 37       | 40       | 37       | 9.10   | cps   |
| Barium     | 135-1 | 16040    | 16323    | 16236    | 16200    | 0.90   | cps   |
| Barium     | 137-1 | 26747    | 27585    | 27979    | 27437    | 2.29   | cps   |
| Beryllium  | 9-1   | 130      | 164      | 146      | 147      | 11.51  | cps   |
| Bismuth    | 209-1 | 4778364  | 4969686  | 5044698  | 4930916  | 2.79   | cps   |
| Bismuth    | 209-2 | 2447466  | 2422444  | 2436313  | 2435408  | 0.51   | cps   |
| Bromine    | 81-1  | 32247    | 31626    | 31636    | 31836    | 1.12   | cps   |
| Cadmium    | 108-1 | 30       | 50       | 27       | 36       | 35.49  | cps   |
| Cadmium    | 106-1 | 4431     | 4597     | 4501     | 4510     | 1.86   | cps   |
| Cadmium    | 111-1 | 3177     | 3307     | 3229     | 3237     | 2.01   | cps   |
| Calcium    | 43-1  | 726589   | 732052   | 734202   | 730948   | 0.54   | cps   |
| Calcium    | 44-1  | 12089136 | 11943159 | 12115102 | 12049133 | 0.77   | cps   |
| Carbon     | 12-1  | 4363089  | 4349874  | 4270641  | 4327868  | 1.16   | cps   |
| Carbon     | 12-2  | 29039    | 28494    | 28581    | 28705    | 1.02   | cps   |
| Chlorine   | 35-1  | 423321   | 417414   | 420727   | 420488   | 0.70   | cps   |
| Chlorine   | 35-2  | 1723     | 1800     | 1630     | 1718     | 4.96   | cps   |
| Chromium   | 52-2  | 1900     | 1820     | 1787     | 1836     | 3.17   | cps   |
| Cobalt     | 59-2  | 50295    | 50011    | 49422    | 49909    | 0.89   | cps   |
| Copper     | 63-2  | 11855    | 11398    | 11481    | 11578    | 2.10   | cps   |
| Dysprosium | 156-1 | 6438     | 6432     | 6175     | 6348     | 2.37   | cps   |
| Dysprosium | 156-2 | 2594     | 2684     | 2527     | 2601     | 3.02   | cps   |
| Erbium     | 164-1 | 8012     | 8239     | 8416     | 8223     | 2.46   | cps   |
| Erbium     | 164-2 | 3334     | 3334     | 3230     | 3299     | 1.81   | cps   |
| Gadolinium | 160-1 | 6125     | 6542     | 6452     | 6373     | 3.44   | cps   |
| Gadolinium | 160-2 | 3160     | 3007     | 3044     | 3070     | 2.61   | cps   |
| Holmium    | 165-1 | 8166388  | 8472679  | 8268063  | 8302377  | 1.88   | cps   |
| Holmium    | 165-2 | 3469633  | 3446359  | 3416324  | 3444105  | 0.78   | cps   |
| Indium     | 115-1 | 7501080  | 7432235  | 7370515  | 7434610  | 0.88   | cps   |
| Indium     | 115-2 | 838153   | 842559   | 842005   | 840905   | 0.29   | cps   |
| Iron       | 54-2  | 1164164  | 1152278  | 1139663  | 1152035  | 1.06   | cps   |
| Iron       | 56-2  | 21987086 | 21813665 | 21132848 | 21644533 | 2.09   | cps   |
| Iron       | 57-2  | 533633   | 531260   | 521928   | 528941   | 1.17   | cps   |
| Krypton    | 83-1  | 293      | 310      | 333      | 312      | 6.44   | cps   |
| Lead       | 206-1 | 1267     | 1377     | 1310     | 1318     | 4.20   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 1153     | 1157     | 1110     | 1140     | 2.28   | cps   |
| Lead       | 208-1 | 5170     | 5170     | 4954     | 5098     | 2.45   | cps   |
| Lithium    | 6-1   | 2294275  | 2271165  | 2252541  | 2272660  | 0.92   | cps   |
| Magnesium  | 24-2  | 479482   | 474308   | 474113   | 475968   | 0.64   | cps   |
| Manganese  | 55-2  | 691561   | 691187   | 676114   | 686287   | 1.28   | cps   |
| Molybdenum | 94-1  | 663      | 737      | 720      | 707      | 5.44   | cps   |
| Molybdenum | 95-1  | 363      | 380      | 360      | 368      | 2.91   | cps   |
| Molybdenum | 96-1  | 593      | 727      | 633      | 651      | 10.51  | cps   |
| Molybdenum | 97-1  | 190      | 140      | 190      | 173      | 16.65  | cps   |
| Molybdenum | 98-1  | 383      | 373      | 337      | 364      | 6.74   | cps   |
| Neodymium  | 150-1 | 5481     | 5885     | 5688     | 5685     | 3.55   | cps   |
| Neodymium  | 150-2 | 1557     | 1613     | 1513     | 1561     | 3.21   | cps   |
| Nickel     | 60-2  | 6051     | 5891     | 5915     | 5952     | 1.45   | cps   |
| Phosphorus | 31-2  | 123      | 117      | 183      | 141      | 26.02  | cps   |
| Potassium  | 39-2  | 41386    | 41777    | 41259    | 41474    | 0.65   | cps   |
| Rhodium    | 103-1 | 6965857  | 7005098  | 6880856  | 6950603  | 0.91   | cps   |
| Rhodium    | 103-2 | 3097664  | 3105750  | 3100044  | 3101153  | 0.13   | cps   |
| Scandium   | 45-1  | 5058250  | 4965158  | 5022953  | 5015454  | 0.94   | cps   |
| Scandium   | 45-2  | 107374   | 107694   | 107035   | 107368   | 0.31   | cps   |
| Selenium   | 82-1  | 43       | 90       | 20       | 51       | 69.74  | cps   |
| Selenium   | 77-2  | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Selenium   | 78-2  | 17       | 37       | 50       | 34       | 48.70  | cps   |
| Silicon    | 28-1  | 15622971 | 16061256 | 15789817 | 15824681 | 1.40   | cps   |
| Silver     | 107-1 | 190      | 217      | 140      | 182      | 21.36  | cps   |
| Silver     | 109-1 | 153      | 167      | 150      | 157      | 5.63   | cps   |
| Sodium     | 23-2  | 936734   | 927950   | 928257   | 930980   | 0.54   | cps   |
| Strontium  | 86-1  | 134684   | 138573   | 139532   | 137596   | 1.87   | cps   |
| Strontium  | 88-1  | 1201115  | 1215283  | 1204668  | 1207022  | 0.61   | cps   |
| Sulfur     | 34-1  | 1528851  | 1560902  | 1558431  | 1549395  | 1.15   | cps   |
| Terbium    | 159-1 | 8468007  | 8619177  | 8643565  | 8576916  | 1.11   | cps   |
| Terbium    | 159-2 | 3352060  | 3410529  | 3373119  | 3378569  | 0.88   | cps   |
| Thallium   | 203-1 | 243      | 320      | 357      | 307      | 18.86  | cps   |
| Thallium   | 205-1 | 920      | 843      | 823      | 862      | 5.92   | cps   |
| Tin        | 118-1 | 4174     | 4367     | 4384     | 4309     | 2.71   | cps   |
| Titanium   | 47-1  | 703      | 677      | 613      | 664      | 6.96   | cps   |
| Uranium    | 238-1 | 3874     | 3851     | 4091     | 3938     | 3.36   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20LDL2X50 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325LDL2 Dilution Factor : 50  
Date & Time Acquired : 2025-04-14 17:11:26 DataFile Name : 037AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 1650     | 1483     | 1370     | 1501     | 9.38   | cps   |
| Ytterbium | 172-1 | 3090     | 3237     | 3210     | 3179     | 2.46   | cps   |
| Ytterbium | 172-2 | 1423     | 1493     | 1497     | 1471     | 2.82   | cps   |
| Ytterbium | 176-1 | 2837     | 2674     | 3024     | 2845     | 6.16   | cps   |
| Ytterbium | 176-2 | 1107     | 1223     | 1187     | 1172     | 5.09   | cps   |
| Yttrium   | 89-1  | 13389910 | 13979734 | 13735890 | 13701845 | 2.16   | cps   |
| Yttrium   | 89-2  | 1097411  | 1087468  | 1083034  | 1089304  | 0.68   | cps   |
| Zinc      | 66-2  | 18923    | 19080    | 18622    | 18875    | 1.23   | cps   |
| Zirconium | 90-1  | 1450     | 1413     | 1187     | 1350     | 10.57  | cps   |
| Zirconium | 91-1  | 260      | 280      | 283      | 274      | 4.60   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4991550   | 4976728   | 4959403   | 4975894   | 0.32   | cps   |
| Antimony   | 121-1 | 12780103  | 13084331  | 13291318  | 13051917  | 1.97   | cps   |
| Arsenic    | 75-2  | 305053    | 305371    | 307434    | 305953    | 0.42   | cps   |
| Barium     | 135-1 | 15550766  | 15678710  | 15804396  | 15677957  | 0.81   | cps   |
| Barium     | 137-1 | 26916544  | 27100778  | 26952371  | 26989898  | 0.36   | cps   |
| Beryllium  | 9-1   | 2739951   | 2714598   | 2752308   | 2735619   | 0.70   | cps   |
| Bismuth    | 209-1 | 4068738   | 4137750   | 4128858   | 4111782   | 0.91   | cps   |
| Bismuth    | 209-2 | 2066706   | 2073870   | 2033612   | 2058063   | 1.04   | cps   |
| Bromine    | 81-1  | 30293     | 30841     | 30647     | 30593     | 0.91   | cps   |
| Cadmium    | 108-1 | 243083    | 244834    | 246660    | 244859    | 0.73   | cps   |
| Cadmium    | 106-1 | 352476    | 361595    | 363334    | 359135    | 1.62   | cps   |
| Cadmium    | 111-1 | 3280727   | 3232881   | 3202861   | 3238823   | 1.21   | cps   |
| Calcium    | 43-1  | 20797786  | 21016684  | 21236420  | 21016964  | 1.04   | cps   |
| Calcium    | 44-1  | 343134315 | 343238902 | 344542662 | 343638626 | 0.23   | cps   |
| Carbon     | 12-1  | 4943371   | 5309858   | 5396978   | 5216736   | 4.61   | cps   |
| Carbon     | 12-2  | 43260     | 43992     | 43738     | 43664     | 0.85   | cps   |
| Chlorine   | 35-1  | 425223    | 423746    | 426512    | 425160    | 0.33   | cps   |
| Chlorine   | 35-2  | 1910      | 1830      | 1917      | 1886      | 2.56   | cps   |
| Chromium   | 52-2  | 3206516   | 3195482   | 3207200   | 3203066   | 0.21   | cps   |
| Cobalt     | 59-2  | 5635719   | 5623908   | 5652848   | 5637492   | 0.26   | cps   |
| Copper     | 63-2  | 41174409  | 41922474  | 42602571  | 41899818  | 1.70   | cps   |
| Dysprosium | 156-1 | 737       | 697       | 620       | 684       | 8.66   | cps   |
| Dysprosium | 156-2 | 143       | 173       | 167       | 161       | 9.78   | cps   |
| Erbium     | 164-1 | 633       | 633       | 567       | 611       | 6.30   | cps   |
| Erbium     | 164-2 | 233       | 207       | 280       | 240       | 15.47  | cps   |
| Gadolinium | 160-1 | 440       | 423       | 433       | 432       | 1.94   | cps   |
| Gadolinium | 160-2 | 220       | 163       | 200       | 194       | 14.78  | cps   |
| Holmium    | 165-1 | 7389741   | 7540527   | 7676179   | 7535482   | 1.90   | cps   |
| Holmium    | 165-2 | 3252832   | 3224441   | 3245166   | 3240813   | 0.45   | cps   |
| Indium     | 115-1 | 6209516   | 6198132   | 6342680   | 6250109   | 1.29   | cps   |
| Indium     | 115-2 | 688752    | 694883    | 697256    | 693630    | 0.63   | cps   |
| Iron       | 54-2  | 30167060  | 30256948  | 30505090  | 30309699  | 0.58   | cps   |
| Iron       | 56-2  | 556029738 | 563711072 | 562695072 | 560811961 | 0.74   | cps   |
| Iron       | 57-2  | 14179578  | 14280880  | 14255744  | 14238734  | 0.37   | cps   |
| Krypton    | 83-1  | 360       | 427       | 457       | 414       | 11.94  | cps   |
| Lead       | 206-1 | 43119337  | 43490996  | 43413944  | 43341426  | 0.45   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 36351868  | 36567394  | 36449478  | 36456247  | 0.30   | cps   |
| Lead       | 208-1 | 168296560 | 167971123 | 168260581 | 168176088 | 0.11   | cps   |
| Lithium    | 6-1   | 2007157   | 2183221   | 2177034   | 2122471   | 4.71   | cps   |
| Magnesium  | 24-2  | 88317315  | 87974409  | 87955015  | 88082246  | 0.23   | cps   |
| Manganese  | 55-2  | 13389811  | 13306110  | 13411661  | 13369194  | 0.42   | cps   |
| Molybdenum | 94-1  | 46680626  | 47696121  | 47936246  | 47437664  | 1.41   | cps   |
| Molybdenum | 95-1  | 67936579  | 67248204  | 68952571  | 68045785  | 1.26   | cps   |
| Molybdenum | 96-1  | 73047346  | 73448789  | 75066211  | 73854115  | 1.45   | cps   |
| Molybdenum | 97-1  | 41008004  | 42071817  | 42042459  | 41707427  | 1.45   | cps   |
| Molybdenum | 98-1  | 106466882 | 110383405 | 111105785 | 109318691 | 2.28   | cps   |
| Neodymium  | 150-1 | 1240      | 1283      | 1263      | 1262      | 1.72   | cps   |
| Neodymium  | 150-2 | 87        | 70        | 147       | 101       | 39.88  | cps   |
| Nickel     | 60-2  | 1521137   | 1569884   | 1563641   | 1551554   | 1.71   | cps   |
| Phosphorus | 31-2  | 51515     | 51093     | 51902     | 51503     | 0.79   | cps   |
| Potassium  | 39-2  | 30339501  | 29760956  | 30305842  | 30135433  | 1.08   | cps   |
| Rhodium    | 103-1 | 5631614   | 5870594   | 5860548   | 5787585   | 2.34   | cps   |
| Rhodium    | 103-2 | 2560013   | 2556407   | 2575608   | 2564009   | 0.40   | cps   |
| Scandium   | 45-1  | 4424765   | 4443109   | 4548664   | 4472179   | 1.50   | cps   |
| Scandium   | 45-2  | 101401    | 100562    | 102063    | 101342    | 0.74   | cps   |
| Selenium   | 82-1  | 193180    | 192894    | 194019    | 193364    | 0.30   | cps   |
| Selenium   | 77-2  | 3881      | 4064      | 3851      | 3932      | 2.94   | cps   |
| Selenium   | 78-2  | 13396     | 13773     | 13577     | 13582     | 1.39   | cps   |
| Silicon    | 28-1  | 8851924   | 9013347   | 9091128   | 8985466   | 1.36   | cps   |
| Silver     | 107-1 | 15507881  | 15711059  | 16047446  | 15755462  | 1.73   | cps   |
| Silver     | 109-1 | 14835787  | 14828759  | 14752719  | 14805755  | 0.31   | cps   |
| Sodium     | 23-2  | 178391211 | 178109571 | 179460177 | 178653653 | 0.40   | cps   |
| Strontium  | 86-1  | 4381744   | 4487901   | 4513792   | 4461146   | 1.57   | cps   |
| Strontium  | 88-1  | 38498012  | 39167117  | 38656439  | 38773856  | 0.90   | cps   |
| Sulfur     | 34-1  | 1695987   | 1662022   | 1668289   | 1675433   | 1.08   | cps   |
| Terbium    | 159-1 | 7737051   | 7810596   | 8049328   | 7865659   | 2.08   | cps   |
| Terbium    | 159-2 | 3060138   | 3110632   | 3052656   | 3074475   | 1.03   | cps   |
| Thallium   | 203-1 | 10443918  | 10629350  | 10718108  | 10597126  | 1.32   | cps   |
| Thallium   | 205-1 | 25097064  | 25245945  | 25141613  | 25161540  | 0.30   | cps   |
| Tin        | 118-1 | 10626319  | 10620356  | 10850696  | 10699123  | 1.23   | cps   |
| Titanium   | 47-1  | 19430567  | 19897236  | 19715337  | 19681047  | 1.20   | cps   |
| Uranium    | 238-1 | 32151478  | 32169700  | 32065092  | 32128756  | 0.17   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV02 Instrumnet Name : P8  
Client Sample ID : CCV02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:16:24 DataFile Name : 038CCV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 2441382  | 2398204  | 2440091  | 2426559  | 1.01   | cps   |
| Ytterbium | 172-1 | 810      | 800      | 847      | 819      | 3.00   | cps   |
| Ytterbium | 172-2 | 443      | 370      | 383      | 399      | 9.79   | cps   |
| Ytterbium | 176-1 | 52614    | 53501    | 53635    | 53250    | 1.04   | cps   |
| Ytterbium | 176-2 | 22032    | 21281    | 22322    | 21878    | 2.46   | cps   |
| Yttrium   | 89-1  | 11981849 | 12468746 | 12372416 | 12274337 | 2.10   | cps   |
| Yttrium   | 89-2  | 980424   | 977885   | 983176   | 980495   | 0.27   | cps   |
| Zinc      | 66-2  | 4658357  | 4724230  | 4825100  | 4735895  | 1.77   | cps   |
| Zirconium | 90-1  | 23605334 | 23986489 | 23932408 | 23841410 | 0.87   | cps   |
| Zirconium | 91-1  | 5253547  | 5324348  | 5375130  | 5317675  | 1.15   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 453     | 383     | 393     | 410     | 9.24   | cps   |
| Antimony   | 121-1 | 1950    | 1570    | 1127    | 1549    | 26.61  | cps   |
| Arsenic    | 75-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Barium     | 135-1 | 307     | 303     | 340     | 317     | 6.40   | cps   |
| Barium     | 137-1 | 573     | 530     | 490     | 531     | 7.85   | cps   |
| Beryllium  | 9-1   | 224     | 207     | 192     | 208     | 7.52   | cps   |
| Bismuth    | 209-1 | 4857031 | 4908140 | 4709098 | 4824756 | 2.14   | cps   |
| Bismuth    | 209-2 | 2435299 | 2498892 | 2478786 | 2470992 | 1.32   | cps   |
| Bromine    | 81-1  | 31659   | 30964   | 30851   | 31158   | 1.40   | cps   |
| Cadmium    | 108-1 | 40      | 20      | 7       | 22      | 75.49  | cps   |
| Cadmium    | 106-1 | 4634    | 4561    | 4454    | 4550    | 1.99   | cps   |
| Cadmium    | 111-1 | 3319    | 3292    | 3220    | 3277    | 1.57   | cps   |
| Calcium    | 43-1  | 1660    | 1600    | 1567    | 1609    | 2.94   | cps   |
| Calcium    | 44-1  | 42623   | 41433   | 41159   | 41738   | 1.86   | cps   |
| Carbon     | 12-1  | 4731599 | 4825517 | 4676443 | 4744520 | 1.59   | cps   |
| Carbon     | 12-2  | 30555   | 31617   | 31310   | 31161   | 1.75   | cps   |
| Chlorine   | 35-1  | 410307  | 409469  | 404449  | 408075  | 0.78   | cps   |
| Chlorine   | 35-2  | 1803    | 1803    | 1870    | 1826    | 2.11   | cps   |
| Chromium   | 52-2  | 1613    | 1423    | 1523    | 1520    | 6.25   | cps   |
| Cobalt     | 59-2  | 157     | 160     | 163     | 160     | 2.08   | cps   |
| Copper     | 63-2  | 2534    | 2530    | 2744    | 2602    | 4.70   | cps   |
| Dysprosium | 156-1 | 10      | 20      | 17      | 16      | 32.73  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 40      | 90      | 37      | 56      | 53.77  | cps   |
| Erbium     | 164-2 | 20      | 17      | 20      | 19      | 10.18  | cps   |
| Gadolinium | 160-1 | 57      | 73      | 47      | 59      | 22.87  | cps   |
| Gadolinium | 160-2 | 20      | 10      | 20      | 17      | 34.64  | cps   |
| Holmium    | 165-1 | 8182642 | 8105082 | 7919676 | 8069133 | 1.67   | cps   |
| Holmium    | 165-2 | 3499797 | 3496177 | 3493960 | 3496645 | 0.08   | cps   |
| Indium     | 115-1 | 7259758 | 7230155 | 7100924 | 7196945 | 1.17   | cps   |
| Indium     | 115-2 | 840941  | 838856  | 827518  | 835771  | 0.86   | cps   |
| Iron       | 54-2  | 1190    | 1223    | 1373    | 1262    | 7.74   | cps   |
| Iron       | 56-2  | 17901   | 17698   | 17324   | 17641   | 1.66   | cps   |
| Iron       | 57-2  | 487     | 463     | 420     | 457     | 7.41   | cps   |
| Krypton    | 83-1  | 290     | 380     | 367     | 346     | 14.06  | cps   |
| Lead       | 206-1 | 2607    | 2464    | 2267    | 2446    | 6.98   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 207-1 | 2274    | 2284    | 2134    | 2230    | 3.76   | cps   |
| Lead       | 208-1 | 10365   | 9842    | 9385    | 9864    | 4.97   | cps   |
| Lithium    | 6-1   | 2471205 | 2543384 | 2403075 | 2472555 | 2.84   | cps   |
| Magnesium  | 24-2  | 1620    | 1667    | 1530    | 1606    | 4.33   | cps   |
| Manganese  | 55-2  | 1413    | 1277    | 1333    | 1341    | 5.12   | cps   |
| Molybdenum | 94-1  | 2007    | 1917    | 1943    | 1956    | 2.36   | cps   |
| Molybdenum | 95-1  | 1620    | 1480    | 1270    | 1457    | 12.09  | cps   |
| Molybdenum | 96-1  | 1653    | 1573    | 1490    | 1572    | 5.20   | cps   |
| Molybdenum | 97-1  | 870     | 720     | 660     | 750     | 14.42  | cps   |
| Molybdenum | 98-1  | 2230    | 1943    | 1760    | 1978    | 11.98  | cps   |
| Neodymium  | 150-1 | 3       | 13      | 13      | 10      | 57.75  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 793     | 803     | 850     | 816     | 3.71   | cps   |
| Phosphorus | 31-2  | 117     | 133     | 120     | 123     | 7.15   | cps   |
| Potassium  | 39-2  | 26574   | 26905   | 26284   | 26588   | 1.17   | cps   |
| Rhodium    | 103-1 | 6806890 | 6851572 | 6604163 | 6754209 | 1.95   | cps   |
| Rhodium    | 103-2 | 3136765 | 3126999 | 3064444 | 3109402 | 1.26   | cps   |
| Scandium   | 45-1  | 5043093 | 4989340 | 4704702 | 4912378 | 3.70   | cps   |
| Scandium   | 45-2  | 104970  | 106293  | 106938  | 106067  | 0.95   | cps   |
| Selenium   | 82-1  | 70      | -27     | 33      | 26      | 190.98 | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 30      | 23      | 37      | 30      | 22.23  | cps   |
| Silicon    | 28-1  | 513818  | 515550  | 510214  | 513194  | 0.53   | cps   |
| Silver     | 107-1 | 840     | 910     | 753     | 834     | 9.41   | cps   |
| Silver     | 109-1 | 770     | 713     | 693     | 726     | 5.48   | cps   |
| Sodium     | 23-2  | 67964   | 66189   | 65496   | 66550   | 1.91   | cps   |
| Strontium  | 86-1  | 653     | 717     | 677     | 682     | 4.70   | cps   |
| Strontium  | 88-1  | 1240    | 1043    | 1130    | 1138    | 8.66   | cps   |
| Sulfur     | 34-1  | 656463  | 651496  | 648094  | 652018  | 0.65   | cps   |
| Terbium    | 159-1 | 8387825 | 8574064 | 8149927 | 8370605 | 2.54   | cps   |
| Terbium    | 159-2 | 3362389 | 3340856 | 3265617 | 3322954 | 1.53   | cps   |
| Thallium   | 203-1 | 783     | 710     | 780     | 758     | 5.46   | cps   |
| Thallium   | 205-1 | 1787    | 1677    | 1617    | 1693    | 5.09   | cps   |
| Tin        | 118-1 | 3961    | 3824    | 3494    | 3759    | 6.38   | cps   |
| Titanium   | 47-1  | 640     | 533     | 653     | 609     | 10.80  | cps   |
| Uranium    | 238-1 | 477     | 477     | 407     | 453     | 8.91   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB02 Instrumnet Name : P8  
Client Sample ID : CCB02 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:20:34 DataFile Name : 039CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 63       | 47       | 37       | 49       | 27.55  | cps   |
| Ytterbium | 172-1 | 50       | 63       | 30       | 48       | 35.11  | cps   |
| Ytterbium | 172-2 | 10       | 23       | 30       | 21       | 48.24  | cps   |
| Ytterbium | 176-1 | 1040     | 1067     | 1060     | 1056     | 1.31   | cps   |
| Ytterbium | 176-2 | 210      | 277      | 290      | 259      | 16.56  | cps   |
| Yttrium   | 89-1  | 13391029 | 13398397 | 12813294 | 13200907 | 2.54   | cps   |
| Yttrium   | 89-2  | 1077247  | 1065853  | 1060264  | 1067788  | 0.81   | cps   |
| Zinc      | 66-2  | 1817     | 1933     | 1867     | 1872     | 3.13   | cps   |
| Zirconium | 90-1  | 3144     | 3120     | 2884     | 3049     | 4.72   | cps   |
| Zirconium | 91-1  | 703      | 567      | 573      | 614      | 12.54  | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 169263    | 170827    | 170585    | 170225    | 0.49   | cps   |
| Antimony   | 121-1 | 1388249   | 1397651   | 1410302   | 1398734   | 0.79   | cps   |
| Arsenic    | 75-2  | 167       | 177       | 157       | 167       | 6.00   | cps   |
| Barium     | 135-1 | 1650629   | 1669068   | 1666880   | 1662193   | 0.61   | cps   |
| Barium     | 137-1 | 2826874   | 2857515   | 2851351   | 2845247   | 0.57   | cps   |
| Beryllium  | 9-1   | 310957    | 313551    | 311247    | 311918    | 0.46   | cps   |
| Bismuth    | 209-1 | 4873742   | 4885879   | 4914258   | 4891293   | 0.43   | cps   |
| Bismuth    | 209-2 | 2378238   | 2389065   | 2357431   | 2374911   | 0.68   | cps   |
| Bromine    | 81-1  | 31733     | 31572     | 31980     | 31762     | 0.65   | cps   |
| Cadmium    | 108-1 | 27234     | 27300     | 26753     | 27096     | 1.10   | cps   |
| Cadmium    | 106-1 | 44588     | 45491     | 45729     | 45270     | 1.33   | cps   |
| Cadmium    | 111-1 | 357820    | 359469    | 364583    | 360624    | 0.98   | cps   |
| Calcium    | 43-1  | 3992278   | 4011037   | 4113872   | 4039063   | 1.62   | cps   |
| Calcium    | 44-1  | 65823854  | 64307367  | 65704536  | 65278586  | 1.29   | cps   |
| Carbon     | 12-1  | 4504176   | 4414603   | 4481422   | 4466733   | 1.04   | cps   |
| Carbon     | 12-2  | 30051     | 29633     | 29667     | 29784     | 0.78   | cps   |
| Chlorine   | 35-1  | 8773630   | 9438313   | 9993734   | 9401892   | 6.50   | cps   |
| Chlorine   | 35-2  | 48782     | 50344     | 50950     | 50025     | 2.24   | cps   |
| Chromium   | 52-2  | 328419    | 327667    | 328624    | 328237    | 0.15   | cps   |
| Cobalt     | 59-2  | 851269    | 852085    | 853492    | 852282    | 0.13   | cps   |
| Copper     | 63-2  | 5077941   | 5187043   | 5011706   | 5092230   | 1.74   | cps   |
| Dysprosium | 156-1 | 30197     | 30187     | 30338     | 30241     | 0.28   | cps   |
| Dysprosium | 156-2 | 12533     | 12389     | 12469     | 12464     | 0.58   | cps   |
| Erbium     | 164-1 | 38806     | 40796     | 39552     | 39718     | 2.53   | cps   |
| Erbium     | 164-2 | 15606     | 15633     | 15212     | 15484     | 1.52   | cps   |
| Gadolinium | 160-1 | 29873     | 31417     | 31527     | 30939     | 2.99   | cps   |
| Gadolinium | 160-2 | 14918     | 14672     | 14775     | 14788     | 0.84   | cps   |
| Holmium    | 165-1 | 8414587   | 8482468   | 8329717   | 8408924   | 0.91   | cps   |
| Holmium    | 165-2 | 3469707   | 3496269   | 3410875   | 3458950   | 1.26   | cps   |
| Indium     | 115-1 | 7345283   | 7443904   | 7376075   | 7388421   | 0.68   | cps   |
| Indium     | 115-2 | 823797    | 825421    | 822377    | 823865    | 0.18   | cps   |
| Iron       | 54-2  | 6300919   | 6174836   | 6177989   | 6217915   | 1.16   | cps   |
| Iron       | 56-2  | 115795052 | 116982748 | 117608865 | 116795555 | 0.79   | cps   |
| Iron       | 57-2  | 2964430   | 3023747   | 2944315   | 2977497   | 1.39   | cps   |
| Krypton    | 83-1  | 450       | 383       | 387       | 407       | 9.24   | cps   |
| Lead       | 206-1 | 4995167   | 5007974   | 4976163   | 4993101   | 0.32   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 4284635  | 4312587  | 4286152  | 4294458  | 0.37   | cps   |
| Lead       | 208-1 | 19632316 | 19644846 | 19598539 | 19625234 | 0.12   | cps   |
| Lithium    | 6-1   | 2300514  | 2355071  | 2451904  | 2369163  | 3.24   | cps   |
| Magnesium  | 24-2  | 4224025  | 4213829  | 4242504  | 4226786  | 0.34   | cps   |
| Manganese  | 55-2  | 4782126  | 4766296  | 4858656  | 4802359  | 1.03   | cps   |
| Molybdenum | 94-1  | 2509213  | 2554828  | 2566830  | 2543623  | 1.20   | cps   |
| Molybdenum | 95-1  | 2767197  | 2770370  | 2787874  | 2775147  | 0.40   | cps   |
| Molybdenum | 96-1  | 3079755  | 3128017  | 3168236  | 3125336  | 1.42   | cps   |
| Molybdenum | 97-1  | 1675017  | 1703084  | 1685514  | 1687871  | 0.84   | cps   |
| Molybdenum | 98-1  | 4329545  | 4394895  | 4379291  | 4367910  | 0.78   | cps   |
| Neodymium  | 150-1 | 27572    | 27555    | 28086    | 27738    | 1.09   | cps   |
| Neodymium  | 150-2 | 7869     | 7899     | 7532     | 7767     | 2.62   | cps   |
| Nickel     | 60-2  | 194765   | 194883   | 193674   | 194441   | 0.34   | cps   |
| Phosphorus | 31-2  | 137      | 150      | 93       | 127      | 23.39  | cps   |
| Potassium  | 39-2  | 698369   | 698119   | 696384   | 697624   | 0.15   | cps   |
| Rhodium    | 103-1 | 6786244  | 6931602  | 6966760  | 6894869  | 1.39   | cps   |
| Rhodium    | 103-2 | 3034356  | 3051807  | 2990337  | 3025500  | 1.05   | cps   |
| Scandium   | 45-1  | 5055233  | 5006504  | 5104733  | 5055490  | 0.97   | cps   |
| Scandium   | 45-2  | 105339   | 106652   | 106421   | 106137   | 0.66   | cps   |
| Selenium   | 82-1  | 22285    | 23420    | 23030    | 22912    | 2.52   | cps   |
| Selenium   | 77-2  | 517      | 520      | 517      | 518      | 0.37   | cps   |
| Selenium   | 78-2  | 1530     | 1670     | 1593     | 1598     | 4.39   | cps   |
| Silicon    | 28-1  | 75530109 | 74813336 | 75447576 | 75263673 | 0.52   | cps   |
| Silver     | 107-1 | 252768   | 255799   | 261059   | 256542   | 1.64   | cps   |
| Silver     | 109-1 | 240421   | 247839   | 244091   | 244117   | 1.52   | cps   |
| Sodium     | 23-2  | 8250092  | 8270514  | 8062447  | 8194351  | 1.40   | cps   |
| Strontium  | 86-1  | 1217242  | 1224299  | 1215620  | 1219054  | 0.38   | cps   |
| Strontium  | 88-1  | 11082494 | 11152449 | 11122394 | 11119112 | 0.32   | cps   |
| Sulfur     | 34-1  | 5113724  | 5149778  | 5108149  | 5123884  | 0.44   | cps   |
| Terbium    | 159-1 | 8714681  | 8639685  | 8678543  | 8677636  | 0.43   | cps   |
| Terbium    | 159-2 | 3400747  | 3333647  | 3424580  | 3386325  | 1.39   | cps   |
| Thallium   | 203-1 | 1134376  | 1137391  | 1139772  | 1137179  | 0.24   | cps   |
| Thallium   | 205-1 | 2828711  | 2894154  | 2872949  | 2865271  | 1.17   | cps   |
| Tin        | 118-1 | 1030570  | 1046071  | 1037614  | 1038085  | 0.75   | cps   |
| Titanium   | 47-1  | 2524     | 2430     | 2264     | 2406     | 5.48   | cps   |
| Uranium    | 238-1 | 3496179  | 3576737  | 3540114  | 3537677  | 1.14   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:24:11 DataFile Name : 040AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 266802   | 267184   | 265025   | 266337   | 0.43   | cps   |
| Ytterbium | 172-1 | 14812    | 15276    | 15152    | 15080    | 1.59   | cps   |
| Ytterbium | 172-2 | 6932     | 7072     | 7225     | 7076     | 2.07   | cps   |
| Ytterbium | 176-1 | 15326    | 15666    | 15346    | 15446    | 1.24   | cps   |
| Ytterbium | 176-2 | 7172     | 7029     | 6889     | 7030     | 2.02   | cps   |
| Yttrium   | 89-1  | 14472650 | 14482617 | 14334824 | 14430031 | 0.57   | cps   |
| Yttrium   | 89-2  | 1133250  | 1124348  | 1129370  | 1128989  | 0.40   | cps   |
| Zinc      | 66-2  | 622440   | 617661   | 621247   | 620449   | 0.40   | cps   |
| Zirconium | 90-1  | 2632628  | 2640395  | 2602154  | 2625059  | 0.77   | cps   |
| Zirconium | 91-1  | 552409   | 556198   | 560691   | 556433   | 0.75   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSD Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 178142    | 179046    | 177909    | 178366    | 0.34   | cps   |
| Antimony   | 121-1 | 1443777   | 1465734   | 1469942   | 1459818   | 0.96   | cps   |
| Arsenic    | 75-2  | 187       | 193       | 163       | 181       | 8.70   | cps   |
| Barium     | 135-1 | 1741366   | 1745947   | 1735470   | 1740928   | 0.30   | cps   |
| Barium     | 137-1 | 2957661   | 2899595   | 3049245   | 2968834   | 2.54   | cps   |
| Beryllium  | 9-1   | 316493    | 319351    | 320539    | 318795    | 0.65   | cps   |
| Bismuth    | 209-1 | 4796716   | 4880485   | 4778520   | 4818574   | 1.13   | cps   |
| Bismuth    | 209-2 | 2397003   | 2395181   | 2430710   | 2407631   | 0.83   | cps   |
| Bromine    | 81-1  | 31512     | 31452     | 32374     | 31779     | 1.62   | cps   |
| Cadmium    | 108-1 | 27888     | 28132     | 28630     | 28217     | 1.34   | cps   |
| Cadmium    | 106-1 | 46465     | 47013     | 47756     | 47078     | 1.38   | cps   |
| Cadmium    | 111-1 | 369596    | 377951    | 376302    | 374616    | 1.18   | cps   |
| Calcium    | 43-1  | 4235271   | 4116345   | 4156518   | 4169378   | 1.45   | cps   |
| Calcium    | 44-1  | 69222719  | 68508944  | 68446929  | 68726197  | 0.63   | cps   |
| Carbon     | 12-1  | 4392492   | 4419674   | 4364972   | 4392379   | 0.62   | cps   |
| Carbon     | 12-2  | 30682     | 29680     | 30064     | 30142     | 1.68   | cps   |
| Chlorine   | 35-1  | 9966448   | 10658443  | 11152051  | 10592314  | 5.62   | cps   |
| Chlorine   | 35-2  | 52933     | 54817     | 54649     | 54133     | 1.93   | cps   |
| Chromium   | 52-2  | 347502    | 339486    | 338753    | 341914    | 1.42   | cps   |
| Cobalt     | 59-2  | 878784    | 883142    | 893663    | 885196    | 0.86   | cps   |
| Copper     | 63-2  | 5390545   | 5274841   | 5389051   | 5351479   | 1.24   | cps   |
| Dysprosium | 156-1 | 31708     | 32055     | 32459     | 32074     | 1.17   | cps   |
| Dysprosium | 156-2 | 12626     | 13160     | 13157     | 12981     | 2.37   | cps   |
| Erbium     | 164-1 | 41073     | 41551     | 42036     | 41554     | 1.16   | cps   |
| Erbium     | 164-2 | 16430     | 16063     | 16070     | 16188     | 1.30   | cps   |
| Gadolinium | 160-1 | 31591     | 31764     | 33041     | 32132     | 2.46   | cps   |
| Gadolinium | 160-2 | 15489     | 15472     | 15265     | 15409     | 0.81   | cps   |
| Holmium    | 165-1 | 8350067   | 8296622   | 8446728   | 8364472   | 0.91   | cps   |
| Holmium    | 165-2 | 3547805   | 3473013   | 3494053   | 3504957   | 1.10   | cps   |
| Indium     | 115-1 | 7374599   | 7327262   | 7471499   | 7391120   | 0.99   | cps   |
| Indium     | 115-2 | 823976    | 823447    | 824593    | 824005    | 0.07   | cps   |
| Iron       | 54-2  | 6406384   | 6483863   | 6420916   | 6437055   | 0.64   | cps   |
| Iron       | 56-2  | 119498212 | 118373348 | 119759115 | 119210225 | 0.62   | cps   |
| Iron       | 57-2  | 3032823   | 3020416   | 3080216   | 3044485   | 1.04   | cps   |
| Krypton    | 83-1  | 410       | 487       | 447       | 448       | 8.56   | cps   |
| Lead       | 206-1 | 5164215   | 5159080   | 5221226   | 5181507   | 0.67   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSD Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 4431086  | 4432000  | 4593352  | 4485479  | 2.08   | cps   |
| Lead       | 208-1 | 20163649 | 20113165 | 20552222 | 20276346 | 1.18   | cps   |
| Lithium    | 6-1   | 2316363  | 2374383  | 2281640  | 2324129  | 2.02   | cps   |
| Magnesium  | 24-2  | 4394456  | 4388160  | 4312293  | 4364970  | 1.05   | cps   |
| Manganese  | 55-2  | 4876208  | 4902971  | 4866097  | 4881759  | 0.39   | cps   |
| Molybdenum | 94-1  | 2577020  | 2601898  | 2603370  | 2594096  | 0.57   | cps   |
| Molybdenum | 95-1  | 2849954  | 2836851  | 2862125  | 2849644  | 0.44   | cps   |
| Molybdenum | 96-1  | 3223243  | 3234445  | 3195016  | 3217568  | 0.63   | cps   |
| Molybdenum | 97-1  | 1789482  | 1756932  | 1769478  | 1771964  | 0.93   | cps   |
| Molybdenum | 98-1  | 4566317  | 4535935  | 4554755  | 4552335  | 0.34   | cps   |
| Neodymium  | 150-1 | 27969    | 28537    | 29198    | 28568    | 2.15   | cps   |
| Neodymium  | 150-2 | 7929     | 8163     | 8126     | 8073     | 1.56   | cps   |
| Nickel     | 60-2  | 201957   | 201561   | 202589   | 202036   | 0.26   | cps   |
| Phosphorus | 31-2  | 147      | 153      | 137      | 146      | 5.76   | cps   |
| Potassium  | 39-2  | 720821   | 729958   | 720097   | 723625   | 0.76   | cps   |
| Rhodium    | 103-1 | 6913685  | 6822636  | 6869993  | 6868771  | 0.66   | cps   |
| Rhodium    | 103-2 | 3025797  | 3028265  | 3009012  | 3021025  | 0.35   | cps   |
| Scandium   | 45-1  | 5080214  | 5104256  | 5093014  | 5092495  | 0.24   | cps   |
| Scandium   | 45-2  | 108020   | 107522   | 106333   | 107292   | 0.81   | cps   |
| Selenium   | 82-1  | 24065    | 23367    | 23584    | 23672    | 1.51   | cps   |
| Selenium   | 77-2  | 517      | 470      | 510      | 499      | 5.06   | cps   |
| Selenium   | 78-2  | 1647     | 1587     | 1637     | 1623     | 1.98   | cps   |
| Silicon    | 28-1  | 76038831 | 77370106 | 77202576 | 76870504 | 0.94   | cps   |
| Silver     | 107-1 | 261296   | 271281   | 271351   | 267976   | 2.16   | cps   |
| Silver     | 109-1 | 248659   | 253816   | 257065   | 253180   | 1.67   | cps   |
| Sodium     | 23-2  | 8468286  | 8479016  | 8513743  | 8487015  | 0.28   | cps   |
| Strontium  | 86-1  | 1255263  | 1287670  | 1286345  | 1276426  | 1.44   | cps   |
| Strontium  | 88-1  | 11546476 | 11898068 | 11650324 | 11698290 | 1.54   | cps   |
| Sulfur     | 34-1  | 5258199  | 5242820  | 5278181  | 5259734  | 0.34   | cps   |
| Terbium    | 159-1 | 8414190  | 8910874  | 8671272  | 8665445  | 2.87   | cps   |
| Terbium    | 159-2 | 3378648  | 3356987  | 3361349  | 3365662  | 0.34   | cps   |
| Thallium   | 203-1 | 1180461  | 1175363  | 1200842  | 1185555  | 1.14   | cps   |
| Thallium   | 205-1 | 2983720  | 3033638  | 3021596  | 3012985  | 0.86   | cps   |
| Tin        | 118-1 | 1069370  | 1087837  | 1088310  | 1081839  | 1.00   | cps   |
| Titanium   | 47-1  | 2487     | 2414     | 2387     | 2429     | 2.13   | cps   |
| Uranium    | 238-1 | 3622476  | 3681759  | 3695227  | 3666487  | 1.06   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20MSDDL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:27:12 DataFile Name : 041AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 278199   | 281796   | 278399   | 279465   | 0.72   | cps   |
| Ytterbium | 172-1 | 15636    | 15546    | 16100    | 15761    | 1.89   | cps   |
| Ytterbium | 172-2 | 7335     | 7492     | 7519     | 7449     | 1.33   | cps   |
| Ytterbium | 176-1 | 16057    | 16100    | 15766    | 15974    | 1.14   | cps   |
| Ytterbium | 176-2 | 7042     | 7532     | 7472     | 7349     | 3.64   | cps   |
| Yttrium   | 89-1  | 14394050 | 14452157 | 14663403 | 14503203 | 0.98   | cps   |
| Yttrium   | 89-2  | 1137863  | 1130986  | 1142993  | 1137281  | 0.53   | cps   |
| Zinc      | 66-2  | 644454   | 641438   | 647734   | 644542   | 0.49   | cps   |
| Zirconium | 90-1  | 2714690  | 2743218  | 2743958  | 2733955  | 0.61   | cps   |
| Zirconium | 91-1  | 575466   | 585255   | 579005   | 579909   | 0.85   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 174120    | 171481    | 172312    | 172638    | 0.78   | cps   |
| Antimony   | 121-1 | 1415271   | 1435972   | 1444028   | 1431757   | 1.04   | cps   |
| Arsenic    | 75-2  | 127       | 120       | 150       | 132       | 11.91  | cps   |
| Barium     | 135-1 | 1714199   | 1668931   | 1712339   | 1698490   | 1.51   | cps   |
| Barium     | 137-1 | 2881850   | 2888493   | 2909204   | 2893182   | 0.49   | cps   |
| Beryllium  | 9-1   | 306212    | 310820    | 308425    | 308486    | 0.75   | cps   |
| Bismuth    | 209-1 | 4828906   | 4915313   | 5000156   | 4914792   | 1.74   | cps   |
| Bismuth    | 209-2 | 2420348   | 2367958   | 2390344   | 2392883   | 1.10   | cps   |
| Bromine    | 81-1  | 32401     | 32578     | 32254     | 32411     | 0.50   | cps   |
| Cadmium    | 108-1 | 27371     | 26786     | 27591     | 27249     | 1.53   | cps   |
| Cadmium    | 106-1 | 46454     | 46434     | 46070     | 46320     | 0.47   | cps   |
| Cadmium    | 111-1 | 359788    | 368750    | 367468    | 365335    | 1.33   | cps   |
| Calcium    | 43-1  | 4013705   | 4145483   | 4119055   | 4092748   | 1.70   | cps   |
| Calcium    | 44-1  | 66110454  | 68474331  | 68867654  | 67817480  | 2.20   | cps   |
| Carbon     | 12-1  | 4358612   | 4345182   | 4419740   | 4374512   | 0.91   | cps   |
| Carbon     | 12-2  | 29994     | 29790     | 29119     | 29634     | 1.54   | cps   |
| Chlorine   | 35-1  | 10065563  | 10738204  | 11262445  | 10688737  | 5.61   | cps   |
| Chlorine   | 35-2  | 53595     | 53378     | 53763     | 53579     | 0.36   | cps   |
| Chromium   | 52-2  | 334676    | 333080    | 331422    | 333059    | 0.49   | cps   |
| Cobalt     | 59-2  | 872748    | 872148    | 870292    | 871729    | 0.15   | cps   |
| Copper     | 63-2  | 5348305   | 5283807   | 5219726   | 5283946   | 1.22   | cps   |
| Dysprosium | 156-1 | 30511     | 31180     | 31507     | 31066     | 1.63   | cps   |
| Dysprosium | 156-2 | 12523     | 12920     | 12386     | 12609     | 2.20   | cps   |
| Erbium     | 164-1 | 40348     | 40348     | 41080     | 40592     | 1.04   | cps   |
| Erbium     | 164-2 | 15646     | 15713     | 15870     | 15743     | 0.73   | cps   |
| Gadolinium | 160-1 | 31644     | 31150     | 31377     | 31390     | 0.79   | cps   |
| Gadolinium | 160-2 | 15029     | 15102     | 14458     | 14863     | 2.37   | cps   |
| Holmium    | 165-1 | 8327606   | 8228796   | 8317192   | 8291198   | 0.65   | cps   |
| Holmium    | 165-2 | 3457146   | 3492889   | 3444142   | 3464726   | 0.73   | cps   |
| Indium     | 115-1 | 7355765   | 7465272   | 7267132   | 7362723   | 1.35   | cps   |
| Indium     | 115-2 | 828489    | 825775    | 826737    | 827000    | 0.17   | cps   |
| Iron       | 54-2  | 6417303   | 6233598   | 6374309   | 6341737   | 1.52   | cps   |
| Iron       | 56-2  | 117347675 | 115649792 | 117597648 | 116865038 | 0.91   | cps   |
| Iron       | 57-2  | 3011662   | 2989502   | 2990114   | 2997093   | 0.42   | cps   |
| Krypton    | 83-1  | 380       | 350       | 390       | 373       | 5.58   | cps   |
| Lead       | 206-1 | 5039489   | 5178379   | 5128076   | 5115315   | 1.37   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 207-1 | 4356275  | 4334450  | 4302861  | 4331195  | 0.62   | cps   |
| Lead       | 208-1 | 19699388 | 19817826 | 19754164 | 19757126 | 0.30   | cps   |
| Lithium    | 6-1   | 2258259  | 2372724  | 2350939  | 2327307  | 2.61   | cps   |
| Magnesium  | 24-2  | 4371771  | 4405646  | 4253120  | 4343512  | 1.84   | cps   |
| Manganese  | 55-2  | 4880442  | 4733498  | 4823171  | 4812370  | 1.54   | cps   |
| Molybdenum | 94-1  | 2508582  | 2543440  | 2555151  | 2535724  | 0.96   | cps   |
| Molybdenum | 95-1  | 2858772  | 2822947  | 2826300  | 2836006  | 0.70   | cps   |
| Molybdenum | 96-1  | 3122984  | 3226270  | 3167628  | 3172294  | 1.63   | cps   |
| Molybdenum | 97-1  | 1688111  | 1795544  | 1679751  | 1721135  | 3.75   | cps   |
| Molybdenum | 98-1  | 4391431  | 4459518  | 4323228  | 4391392  | 1.55   | cps   |
| Neodymium  | 150-1 | 27979    | 28714    | 27732    | 28142    | 1.82   | cps   |
| Neodymium  | 150-2 | 8016     | 8419     | 7886     | 8107     | 3.43   | cps   |
| Nickel     | 60-2  | 198842   | 199368   | 197124   | 198445   | 0.59   | cps   |
| Phosphorus | 31-2  | 120      | 153      | 137      | 137      | 12.20  | cps   |
| Potassium  | 39-2  | 712512   | 708227   | 701969   | 707569   | 0.75   | cps   |
| Rhodium    | 103-1 | 6730162  | 6960399  | 6766779  | 6819114  | 1.81   | cps   |
| Rhodium    | 103-2 | 3057390  | 2980413  | 2972134  | 3003312  | 1.57   | cps   |
| Scandium   | 45-1  | 5026756  | 5117477  | 5089674  | 5077969  | 0.92   | cps   |
| Scandium   | 45-2  | 108546   | 105034   | 107935   | 107172   | 1.75   | cps   |
| Selenium   | 82-1  | 23267    | 23337    | 22876    | 23160    | 1.07   | cps   |
| Selenium   | 77-2  | 597      | 517      | 547      | 553      | 7.30   | cps   |
| Selenium   | 78-2  | 1633     | 1603     | 1620     | 1619     | 0.93   | cps   |
| Silicon    | 28-1  | 75180879 | 75829032 | 76783294 | 75931068 | 1.06   | cps   |
| Silver     | 107-1 | 258792   | 261658   | 267075   | 262508   | 1.60   | cps   |
| Silver     | 109-1 | 244223   | 247998   | 250517   | 247579   | 1.28   | cps   |
| Sodium     | 23-2  | 8328259  | 8505861  | 8085067  | 8306396  | 2.54   | cps   |
| Strontium  | 86-1  | 1239427  | 1257248  | 1257328  | 1251334  | 0.82   | cps   |
| Strontium  | 88-1  | 11201009 | 11245815 | 11126249 | 11191024 | 0.54   | cps   |
| Sulfur     | 34-1  | 5110704  | 5120519  | 5180216  | 5137147  | 0.73   | cps   |
| Terbium    | 159-1 | 8521643  | 8950929  | 8722514  | 8731695  | 2.46   | cps   |
| Terbium    | 159-2 | 3398028  | 3327698  | 3383484  | 3369737  | 1.10   | cps   |
| Thallium   | 203-1 | 1149971  | 1159868  | 1159243  | 1156361  | 0.48   | cps   |
| Thallium   | 205-1 | 2877424  | 2940046  | 2995762  | 2937744  | 2.02   | cps   |
| Tin        | 118-1 | 1061505  | 1058927  | 1057519  | 1059317  | 0.19   | cps   |
| Titanium   | 47-1  | 2204     | 2427     | 2454     | 2361     | 5.81   | cps   |
| Uranium    | 238-1 | 3586538  | 3536353  | 3539070  | 3553987  | 0.79   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : Q1730-20ADL2X10 Instrumnet Name : P8  
Client Sample ID : OU4-CF-15-040325ADL2 Dilution Factor : 10  
Date & Time Acquired : 2025-04-14 17:30:10 DataFile Name : 042AREF.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 272494   | 275885   | 273258   | 273879   | 0.65   | cps   |
| Ytterbium | 172-1 | 15543    | 15359    | 15639    | 15514    | 0.92   | cps   |
| Ytterbium | 172-2 | 6865     | 6965     | 7172     | 7001     | 2.24   | cps   |
| Ytterbium | 176-1 | 15786    | 16340    | 15956    | 16028    | 1.77   | cps   |
| Ytterbium | 176-2 | 6965     | 7105     | 7082     | 7051     | 1.06   | cps   |
| Yttrium   | 89-1  | 14190699 | 14459970 | 14379478 | 14343382 | 0.96   | cps   |
| Yttrium   | 89-2  | 1146422  | 1148447  | 1135773  | 1143547  | 0.60   | cps   |
| Zinc      | 66-2  | 640432   | 624985   | 632418   | 632612   | 1.22   | cps   |
| Zirconium | 90-1  | 2574881  | 2692948  | 2709142  | 2658990  | 2.76   | cps   |
| Zirconium | 91-1  | 557506   | 573234   | 566820   | 565853   | 1.40   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5066550   | 5202079   | 5111422   | 5126684   | 1.35   | cps   |
| Antimony   | 121-1 | 12648034  | 12753483  | 12954909  | 12785475  | 1.22   | cps   |
| Arsenic    | 75-2  | 303809    | 307052    | 305832    | 305564    | 0.54   | cps   |
| Barium     | 135-1 | 15370063  | 15510305  | 15531208  | 15470525  | 0.57   | cps   |
| Barium     | 137-1 | 26401604  | 26955710  | 26915638  | 26757651  | 1.15   | cps   |
| Beryllium  | 9-1   | 2666641   | 2699200   | 2750371   | 2705404   | 1.56   | cps   |
| Bismuth    | 209-1 | 4161478   | 4266256   | 4172110   | 4199948   | 1.37   | cps   |
| Bismuth    | 209-2 | 2079897   | 2087960   | 2121081   | 2096313   | 1.04   | cps   |
| Bromine    | 81-1  | 31195     | 30016     | 29989     | 30400     | 2.27   | cps   |
| Cadmium    | 108-1 | 242703    | 242601    | 246171    | 243825    | 0.83   | cps   |
| Cadmium    | 106-1 | 350922    | 352968    | 354464    | 352785    | 0.50   | cps   |
| Cadmium    | 111-1 | 3147872   | 3172546   | 3172513   | 3164310   | 0.45   | cps   |
| Calcium    | 43-1  | 21201667  | 21514251  | 21646894  | 21454271  | 1.07   | cps   |
| Calcium    | 44-1  | 341076848 | 353826875 | 346773848 | 347225857 | 1.84   | cps   |
| Carbon     | 12-1  | 4703418   | 4868574   | 4854425   | 4808806   | 1.90   | cps   |
| Carbon     | 12-2  | 38577     | 37832     | 38851     | 38420     | 1.37   | cps   |
| Chlorine   | 35-1  | 755050    | 733341    | 713734    | 734041    | 2.82   | cps   |
| Chlorine   | 35-2  | 3134      | 3070      | 3047      | 3084      | 1.45   | cps   |
| Chromium   | 52-2  | 3192933   | 3270637   | 3190462   | 3218011   | 1.42   | cps   |
| Cobalt     | 59-2  | 5584396   | 5649941   | 5559619   | 5597985   | 0.83   | cps   |
| Copper     | 63-2  | 42147458  | 42285019  | 41492725  | 41975067  | 1.01   | cps   |
| Dysprosium | 156-1 | 587       | 620       | 647       | 618       | 4.87   | cps   |
| Dysprosium | 156-2 | 227       | 133       | 203       | 188       | 25.87  | cps   |
| Erbium     | 164-1 | 553       | 593       | 573       | 573       | 3.49   | cps   |
| Erbium     | 164-2 | 250       | 210       | 197       | 219       | 12.68  | cps   |
| Gadolinium | 160-1 | 473       | 437       | 507       | 472       | 7.41   | cps   |
| Gadolinium | 160-2 | 210       | 247       | 200       | 219       | 11.23  | cps   |
| Holmium    | 165-1 | 7597847   | 7896480   | 7721029   | 7738452   | 1.94   | cps   |
| Holmium    | 165-2 | 3275552   | 3280484   | 3257597   | 3271211   | 0.37   | cps   |
| Indium     | 115-1 | 6261690   | 6372227   | 6317324   | 6317080   | 0.87   | cps   |
| Indium     | 115-2 | 709095    | 709807    | 710516    | 709806    | 0.10   | cps   |
| Iron       | 54-2  | 31298830  | 31086265  | 31268197  | 31217764  | 0.37   | cps   |
| Iron       | 56-2  | 569831965 | 577696925 | 579600391 | 575709760 | 0.90   | cps   |
| Iron       | 57-2  | 14559811  | 14861931  | 14465557  | 14629100  | 1.42   | cps   |
| Krypton    | 83-1  | 323       | 423       | 397       | 381       | 13.59  | cps   |
| Lead       | 206-1 | 42907541  | 43576358  | 43815873  | 43433257  | 1.08   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 207-1 | 35969135  | 36206311  | 36742187  | 36305878  | 1.09   | cps   |
| Lead       | 208-1 | 165913805 | 167974954 | 169152188 | 167680316 | 0.98   | cps   |
| Lithium    | 6-1   | 2098283   | 2165255   | 2124387   | 2129308   | 1.59   | cps   |
| Magnesium  | 24-2  | 87696585  | 88146342  | 88884492  | 88242473  | 0.68   | cps   |
| Manganese  | 55-2  | 13207257  | 13389101  | 13085717  | 13227358  | 1.15   | cps   |
| Molybdenum | 94-1  | 46939016  | 47849741  | 46786593  | 47191783  | 1.22   | cps   |
| Molybdenum | 95-1  | 67046526  | 68393571  | 68036716  | 67825604  | 1.03   | cps   |
| Molybdenum | 96-1  | 73067277  | 73800984  | 74143136  | 73670466  | 0.75   | cps   |
| Molybdenum | 97-1  | 41230494  | 41528196  | 41791905  | 41516865  | 0.68   | cps   |
| Molybdenum | 98-1  | 107363232 | 109092245 | 109306992 | 108587489 | 0.98   | cps   |
| Neodymium  | 150-1 | 1103      | 1100      | 1253      | 1152      | 7.60   | cps   |
| Neodymium  | 150-2 | 160       | 107       | 63        | 110       | 44.02  | cps   |
| Nickel     | 60-2  | 1541190   | 1605118   | 1533040   | 1559783   | 2.53   | cps   |
| Phosphorus | 31-2  | 51889     | 51775     | 51287     | 51650     | 0.62   | cps   |
| Potassium  | 39-2  | 31706109  | 31382384  | 30709808  | 31266100  | 1.63   | cps   |
| Rhodium    | 103-1 | 5751877   | 5951198   | 5851668   | 5851581   | 1.70   | cps   |
| Rhodium    | 103-2 | 2615689   | 2611646   | 2668583   | 2631973   | 1.21   | cps   |
| Scandium   | 45-1  | 4520510   | 4661812   | 4562698   | 4581673   | 1.58   | cps   |
| Scandium   | 45-2  | 103805    | 103486    | 102032    | 103108    | 0.92   | cps   |
| Selenium   | 82-1  | 190663    | 192658    | 193513    | 192278    | 0.76   | cps   |
| Selenium   | 77-2  | 3941      | 4044      | 3844      | 3943      | 2.54   | cps   |
| Selenium   | 78-2  | 13356     | 12979     | 13610     | 13315     | 2.38   | cps   |
| Silicon    | 28-1  | 18080838  | 18445197  | 18383071  | 18303036  | 1.06   | cps   |
| Silver     | 107-1 | 15575765  | 15724219  | 15837012  | 15712332  | 0.83   | cps   |
| Silver     | 109-1 | 14674675  | 14547213  | 14874846  | 14698911  | 1.12   | cps   |
| Sodium     | 23-2  | 173783671 | 177436211 | 177352724 | 176190868 | 1.18   | cps   |
| Strontium  | 86-1  | 4433312   | 4461727   | 4438393   | 4444477   | 0.34   | cps   |
| Strontium  | 88-1  | 38914504  | 38903101  | 38391179  | 38736261  | 0.77   | cps   |
| Sulfur     | 34-1  | 1622110   | 1639330   | 1628708   | 1630049   | 0.53   | cps   |
| Terbium    | 159-1 | 7968367   | 7839300   | 7996654   | 7934773   | 1.06   | cps   |
| Terbium    | 159-2 | 3169794   | 3162841   | 3138424   | 3157020   | 0.52   | cps   |
| Thallium   | 203-1 | 10388759  | 10398298  | 10662911  | 10483323  | 1.48   | cps   |
| Thallium   | 205-1 | 24827919  | 24836400  | 25307360  | 24990560  | 1.10   | cps   |
| Tin        | 118-1 | 10388720  | 10585358  | 10613842  | 10529307  | 1.16   | cps   |
| Titanium   | 47-1  | 19250805  | 19330363  | 19538673  | 19373280  | 0.77   | cps   |
| Uranium    | 238-1 | 31296368  | 31903219  | 31677577  | 31625721  | 0.97   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCV03 Instrumnet Name : P8  
Client Sample ID : CCV03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:35:18 DataFile Name : 043CCV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 2474188  | 2439008  | 2449231  | 2454142  | 0.74   | cps   |
| Ytterbium | 172-1 | 860      | 840      | 890      | 863      | 2.91   | cps   |
| Ytterbium | 172-2 | 387      | 380      | 453      | 407      | 9.97   | cps   |
| Ytterbium | 176-1 | 51888    | 52695    | 53702    | 52762    | 1.72   | cps   |
| Ytterbium | 176-2 | 21601    | 21574    | 21928    | 21701    | 0.91   | cps   |
| Yttrium   | 89-1  | 12449585 | 12580471 | 12285460 | 12438505 | 1.19   | cps   |
| Yttrium   | 89-2  | 1001078  | 1005785  | 1011501  | 1006121  | 0.52   | cps   |
| Zinc      | 66-2  | 4756243  | 4704652  | 4715812  | 4725569  | 0.57   | cps   |
| Zirconium | 90-1  | 23735591 | 23991458 | 23698878 | 23808642 | 0.67   | cps   |
| Zirconium | 91-1  | 5224011  | 5315300  | 5290515  | 5276609  | 0.89   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 360     | 373     | 313     | 349     | 9.03   | cps   |
| Antimony   | 121-1 | 1570    | 1317    | 1200    | 1362    | 13.89  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Barium     | 135-1 | 207     | 223     | 247     | 226     | 8.91   | cps   |
| Barium     | 137-1 | 393     | 400     | 383     | 392     | 2.14   | cps   |
| Beryllium  | 9-1   | 220     | 219     | 190     | 210     | 8.10   | cps   |
| Bismuth    | 209-1 | 5017727 | 5068465 | 5026835 | 5037675 | 0.54   | cps   |
| Bismuth    | 209-2 | 2561337 | 2427595 | 2547559 | 2512164 | 2.93   | cps   |
| Bromine    | 81-1  | 31024   | 31255   | 31044   | 31108   | 0.41   | cps   |
| Cadmium    | 108-1 | 43      | 43      | 23      | 37      | 31.49  | cps   |
| Cadmium    | 106-1 | 4374    | 4527    | 4441    | 4447    | 1.73   | cps   |
| Cadmium    | 111-1 | 3135    | 3212    | 3189    | 3179    | 1.25   | cps   |
| Calcium    | 43-1  | 1370    | 1410    | 1427    | 1402    | 2.08   | cps   |
| Calcium    | 44-1  | 38174   | 37449   | 37756   | 37793   | 0.96   | cps   |
| Carbon     | 12-1  | 4400306 | 4374338 | 4419914 | 4398186 | 0.52   | cps   |
| Carbon     | 12-2  | 29212   | 29269   | 29403   | 29295   | 0.33   | cps   |
| Chlorine   | 35-1  | 457842  | 448654  | 438093  | 448197  | 2.20   | cps   |
| Chlorine   | 35-2  | 1823    | 1933    | 1957    | 1905    | 3.74   | cps   |
| Chromium   | 52-2  | 1577    | 1623    | 1620    | 1607    | 1.62   | cps   |
| Cobalt     | 59-2  | 113     | 140     | 90      | 114     | 21.86  | cps   |
| Copper     | 63-2  | 2407    | 2444    | 2510    | 2454    | 2.14   | cps   |
| Dysprosium | 156-1 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 57      | 53      | 73      | 61      | 17.53  | cps   |
| Erbium     | 164-2 | 23      | 13      | 20      | 19      | 26.96  | cps   |
| Gadolinium | 160-1 | 60      | 50      | 90      | 67      | 31.22  | cps   |
| Gadolinium | 160-2 | 10      | 27      | 20      | 19      | 44.42  | cps   |
| Holmium    | 165-1 | 8460062 | 8399325 | 8413540 | 8424309 | 0.38   | cps   |
| Holmium    | 165-2 | 3503030 | 3499058 | 3521003 | 3507697 | 0.33   | cps   |
| Indium     | 115-1 | 7632087 | 7523877 | 7583298 | 7579754 | 0.71   | cps   |
| Indium     | 115-2 | 847804  | 852057  | 852330  | 850730  | 0.30   | cps   |
| Iron       | 54-2  | 1220    | 1107    | 1170    | 1166    | 4.87   | cps   |
| Iron       | 56-2  | 15605   | 15765   | 15562   | 15644   | 0.69   | cps   |
| Iron       | 57-2  | 433     | 323     | 370     | 376     | 14.70  | cps   |
| Krypton    | 83-1  | 327     | 303     | 340     | 323     | 5.74   | cps   |
| Lead       | 206-1 | 2467    | 2500    | 2164    | 2377    | 7.81   | cps   |



LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Lead       | 207-1 | 2007    | 2080    | 1873    | 1987    | 5.27    | cps   |
| Lead       | 208-1 | 9632    | 9571    | 8755    | 9319    | 5.26    | cps   |
| Lithium    | 6-1   | 2456421 | 2430014 | 2438184 | 2441540 | 0.55    | cps   |
| Magnesium  | 24-2  | 1010    | 1137    | 990     | 1046    | 7.61    | cps   |
| Manganese  | 55-2  | 22838   | 22758   | 23025   | 22874   | 0.60    | cps   |
| Molybdenum | 94-1  | 1757    | 1430    | 1517    | 1568    | 10.79   | cps   |
| Molybdenum | 95-1  | 1363    | 1133    | 1000    | 1166    | 15.77   | cps   |
| Molybdenum | 96-1  | 1467    | 1060    | 1010    | 1179    | 21.25   | cps   |
| Molybdenum | 97-1  | 630     | 497     | 630     | 586     | 13.15   | cps   |
| Molybdenum | 98-1  | 1667    | 1343    | 1327    | 1446    | 13.26   | cps   |
| Neodymium  | 150-1 | 10      | 20      | 13      | 14      | 35.26   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60   | cps   |
| Nickel     | 60-2  | 770     | 800     | 737     | 769     | 4.12    | cps   |
| Phosphorus | 31-2  | 130     | 103     | 123     | 119     | 11.68   | cps   |
| Potassium  | 39-2  | 29487   | 28598   | 28368   | 28818   | 2.05    | cps   |
| Rhodium    | 103-1 | 7142289 | 7150596 | 7081062 | 7124649 | 0.53    | cps   |
| Rhodium    | 103-2 | 3126264 | 3146322 | 3158696 | 3143760 | 0.52    | cps   |
| Scandium   | 45-1  | 5092102 | 5068524 | 5061113 | 5073913 | 0.32    | cps   |
| Scandium   | 45-2  | 107539  | 108838  | 109611  | 108663  | 0.96    | cps   |
| Selenium   | 82-1  | 17      | 33      | -43     | 2       | 1816.48 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 27      | 33      | 20      | 27      | 24.99   | cps   |
| Silicon    | 28-1  | 548581  | 523953  | 536222  | 536252  | 2.30    | cps   |
| Silver     | 107-1 | 757     | 810     | 827     | 798     | 4.58    | cps   |
| Silver     | 109-1 | 787     | 707     | 660     | 718     | 8.93    | cps   |
| Sodium     | 23-2  | 72030   | 71450   | 69477   | 70986   | 1.88    | cps   |
| Strontium  | 86-1  | 620     | 577     | 547     | 581     | 6.34    | cps   |
| Strontium  | 88-1  | 883     | 887     | 887     | 886     | 0.22    | cps   |
| Sulfur     | 34-1  | 623358  | 629136  | 627736  | 626743  | 0.48    | cps   |
| Terbium    | 159-1 | 8837075 | 8636875 | 8791146 | 8755032 | 1.20    | cps   |
| Terbium    | 159-2 | 3421624 | 3432244 | 3371112 | 3408327 | 0.96    | cps   |
| Thallium   | 203-1 | 803     | 777     | 730     | 770     | 4.82    | cps   |
| Thallium   | 205-1 | 2014    | 1863    | 1723    | 1867    | 7.77    | cps   |
| Tin        | 118-1 | 4724    | 4114    | 4411    | 4416    | 6.91    | cps   |
| Titanium   | 47-1  | 503     | 470     | 507     | 493     | 4.11    | cps   |
| Uranium    | 238-1 | 390     | 343     | 317     | 350     | 10.61   | cps   |

LB Number : LB135426 Operator : Jaswal  
Lab Sample ID : CCB03 Instrumnet Name : P8  
Client Sample ID : CCB03 Dilution Factor : 1  
Date & Time Acquired : 2025-04-14 17:39:56 DataFile Name : 044CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Vanadium  | 51-2  | 27       | 40       | 23       | 30       | 29.40  | cps   |
| Ytterbium | 172-1 | 47       | 43       | 80       | 57       | 35.78  | cps   |
| Ytterbium | 172-2 | 27       | 20       | 27       | 24       | 15.75  | cps   |
| Ytterbium | 176-1 | 917      | 1040     | 1033     | 997      | 6.96   | cps   |
| Ytterbium | 176-2 | 303      | 207      | 273      | 261      | 18.95  | cps   |
| Yttrium   | 89-1  | 13665036 | 13793027 | 13696252 | 13718105 | 0.49   | cps   |
| Yttrium   | 89-2  | 1073548  | 1094006  | 1086490  | 1084682  | 0.95   | cps   |
| Zinc      | 66-2  | 1643     | 1823     | 1727     | 1731     | 5.20   | cps   |
| Zirconium | 90-1  | 2530     | 2504     | 2377     | 2470     | 3.32   | cps   |
| Zirconium | 91-1  | 620      | 530      | 580      | 577      | 7.82   | cps   |