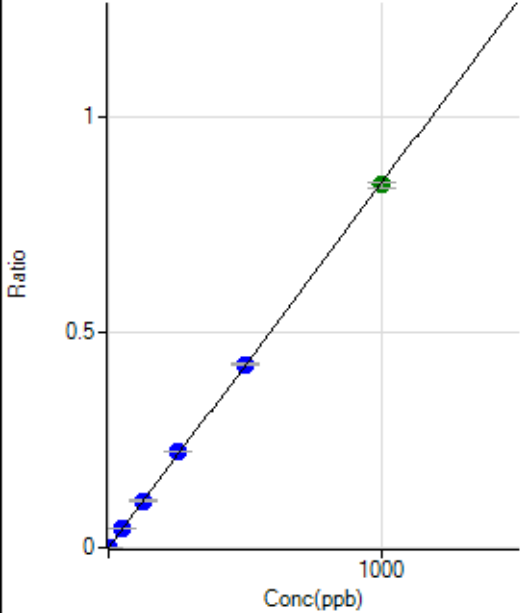


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010925MS1.b\  
Analysis File: P7010925MS1.batch.bin  
DA Date-Time: 2025-01-09 14:40:10  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2025-01-09 13:29:26 |
| 2     | 005CALS.d          | S01         | 2025-01-09 13:32:41 |
| 3     | 007CALS.d          | S02         | 2025-01-09 13:39:12 |
| 4     | 008CALS.d          | S03         | 2025-01-09 13:42:30 |
| 5     | 009CALS.d          | S04         | 2025-01-09 13:45:30 |
| 6     | 010CALS.d          | S05         | 2025-01-09 13:48:24 |
| 7     | 011CALS.d          | S06         | 2025-01-09 13:51:09 |
| 8     | 012CALS.d          | S07         | 2025-01-09 13:53:55 |
| 9     | 013CALS.d          | S08         | 2025-01-09 13:56:39 |

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 42.22      | 0.0000 | P   | 19. |
| 2 | <input type="checkbox"/> | 0.100    | 0.125      | 180.00     | 0.0001 | P   | 14. |
| 3 | <input type="checkbox"/> | 1.000    | 1.182      | 1381.19    | 0.0010 | P   | 2.1 |
| 4 | <input type="checkbox"/> | 50.000   | 53.966     | 62799.66   | 0.0456 | P   | 3.3 |
| 5 | <input type="checkbox"/> | 125.000  | 128.972    | 150373.64  | 0.1090 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 264.097    | 298893.60  | 0.2233 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 501.979    | 562815.59  | 0.4243 | P   | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.791    | 1087356.96 | 0.8408 | A   | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 377.79     | 0.0003 | P   | 20. |

$y = 8.4522E-004 * x + 3.2747E-005$

$R = 0.9999$

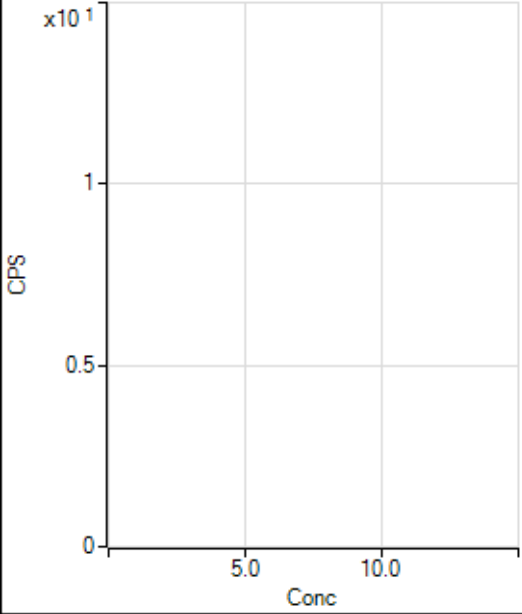
$DL = 0.02294$

$BEC = 0.03874$

Weight: <None>

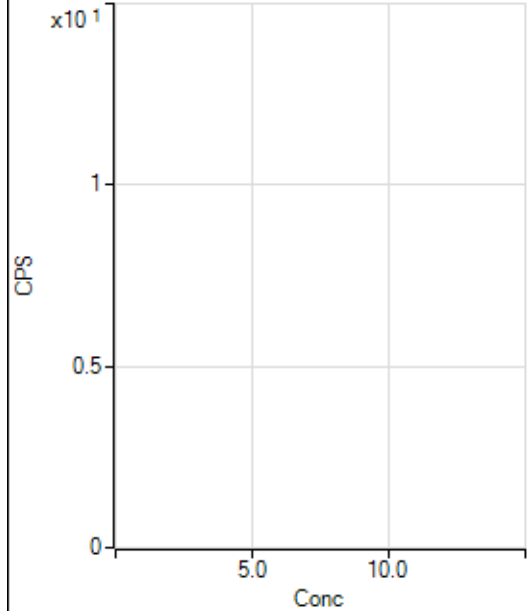
Min Conc: 0

12 C [No Gas] No available calibration points



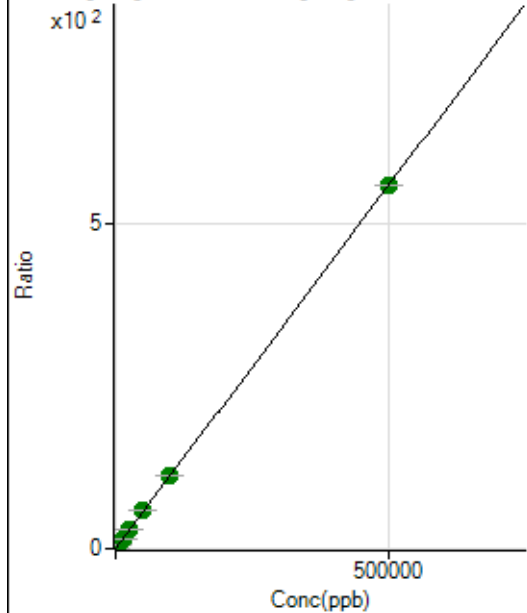
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |
| 9 | <input type="checkbox"/> |       |            |     |       |     |     |

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



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |
| 9 | <input type="checkbox"/> |       |            |     |       |     |     |

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15589.09    | 0.0276   | P   | 1.2 |
| 2 | <input type="checkbox"/> | 50.000    | 49.887     | 47521.92    | 0.0835   | P   | 0.7 |
| 3 | <input type="checkbox"/> | 500.000   | 500.244    | 338038.00   | 0.5881   | P   | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5095.436   | 3179052.52  | 5.7369   | A   | 1.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12469.490  | 7359263.99  | 13.9993  | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26888.201  | 14679883.25 | 30.1551  | A   | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 52344.170  | 27834065.97 | 58.6778  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 101409.75  | 54165099.75 | 113.6544 | A   | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 499389.03  | 284665180.2 | 559.5795 | A   | 0.2 |

$$y = 0.0011 * x + 0.0276$$

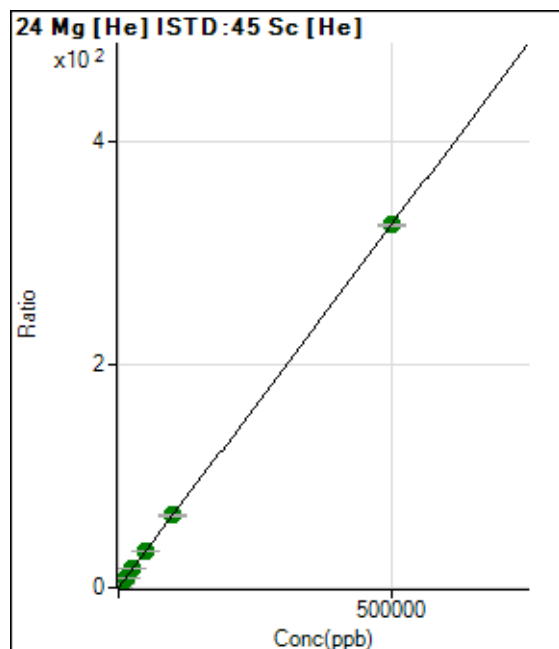
$$R = 1.0000$$

$$DL = 0.8522$$

$$BEC = 24.59$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 753.36      | 0.0013   | P   | 6.1 |
| 2 | <input type="checkbox"/> | 50.000    | 54.971     | 21127.93    | 0.0371   | P   | 1.1 |
| 3 | <input type="checkbox"/> | 500.000   | 537.661    | 201885.57   | 0.3512   | P   | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5079.871   | 1832568.71  | 3.3070   | A   | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12221.074  | 4181272.02  | 7.9539   | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26396.990  | 8362856.40  | 17.1786  | A   | 1.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 51579.960  | 15922129.48 | 33.5659  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 99448.472  | 30841511.76 | 64.7153  | A   | 1.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 499888.59  | 165482777.5 | 325.2933 | A   | 0.5 |

$$y = 6.5073E-004 * x + 0.0013$$

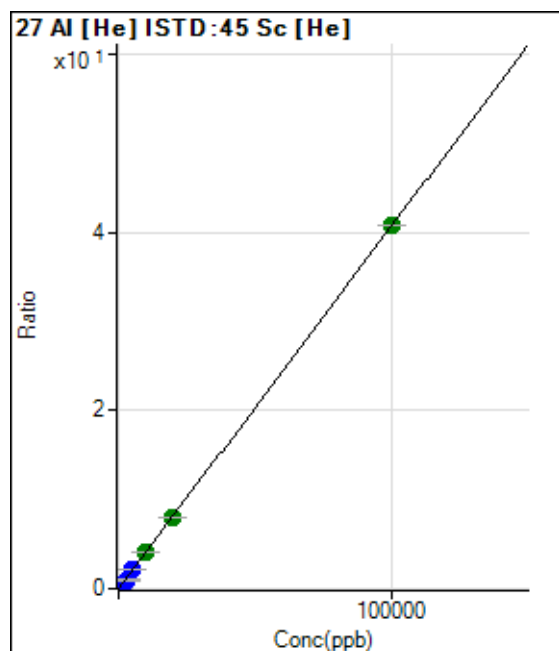
$$R = 1.0000$$

$$DL = 0.3767$$

$$BEC = 2.046$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 101.11      | 0.0002  | P   | 27. |
| 2 | <input type="checkbox"/> | 2.000     | 2.726      | 733.36      | 0.0013  | P   | 4.1 |
| 3 | <input type="checkbox"/> | 20.000    | 21.187     | 5058.66     | 0.0088  | P   | 3.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 985.109    | 222225.49   | 0.4010  | P   | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2379.821   | 509129.12   | 0.9685  | P   | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5068.936   | 1004255.80  | 2.0628  | P   | 0.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 10151.877  | 1959580.23  | 4.1310  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 19652.616  | 3811192.48  | 7.9969  | A   | 0.7 |
| 9 | <input type="checkbox"/> | 100000.00 | 100053.99  | 20711116.77 | 40.7126 | A   | 0.1 |

$$y = 4.0690E-004 * x + 1.7880E-004$$

$$R = 1.0000$$

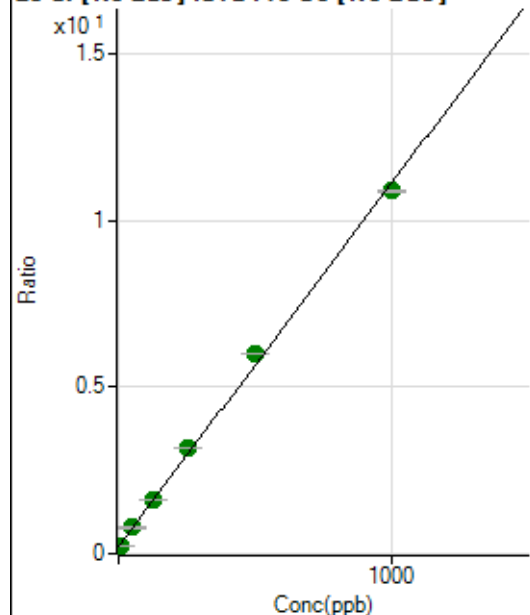
$$DL = 0.3634$$

$$BEC = 0.4394$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1237874.43  | 0.2142  | A   | 1.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.255      | 1260114.50  | 0.2170  | A   | 0.5 |
| 3 | <input type="checkbox"/> | 10.000   | 0.201      | 1260261.27  | 0.2164  | A   | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 51.997     | 4577906.57  | 0.7814  | A   | 3.5 |
| 5 | <input type="checkbox"/> | 125.000  | 129.540    | 8924947.16  | 1.6273  | A   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 272.075    | 16418313.23 | 3.1821  | A   | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 529.562    | 29083211.24 | 5.9909  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 979.132    | 53038427.54 | 10.8951 | A   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 719673.37   | 0.1410  | P   | 1.0 |

$$y = 0.0109 * x + 0.2142$$

$$R = 0.9990$$

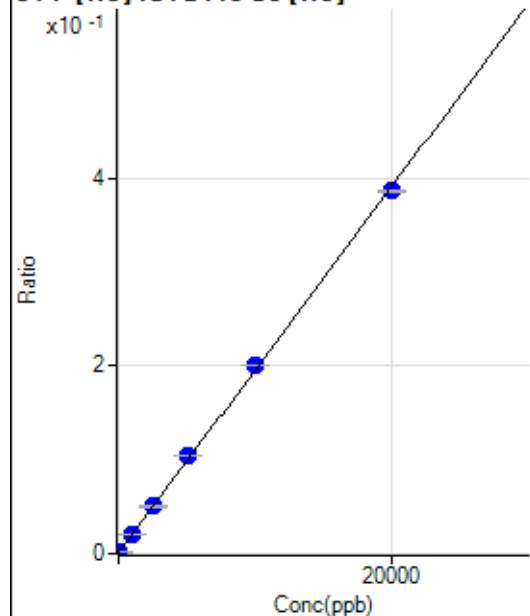
$$DL = 0.776$$

$$BEC = 19.63$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -12.635    | 260.00    | 0.0005 | P   | 13. |
| 2 | <input type="checkbox"/> | 0.000     | -10.675    | 283.34    | 0.0005 | P   | 8.1 |
| 3 | <input type="checkbox"/> | 0.000     | 23.310     | 666.69    | 0.0012 | P   | 16. |
| 4 | <input type="checkbox"/> | 1000.000  | 1040.707   | 11625.59  | 0.0210 | P   | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2540.329   | 26383.93  | 0.0502 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5320.326   | 50800.65  | 0.1043 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 10262.718  | 95166.74  | 0.2006 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 19781.483  | 183986.84 | 0.3860 | P   | 0.8 |
| 9 | <input type="checkbox"/> |           |            | 340.01    | 0.0007 | P   | 7.5 |

$$y = 1.9480E-005 * x + 7.0549E-004$$

$$R = 0.9997$$

$$DL = 15.09$$

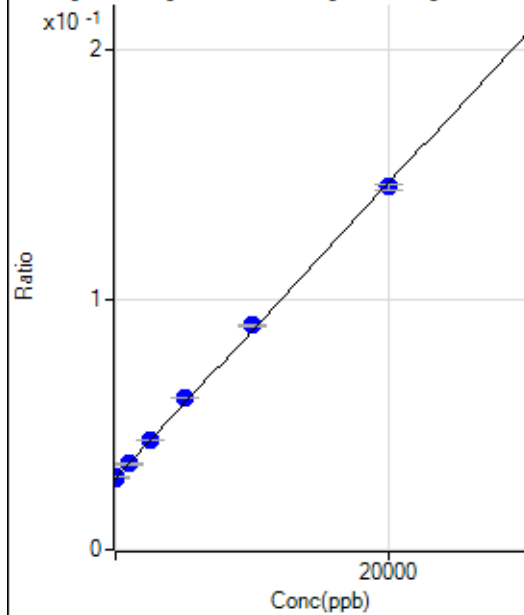
$$BEC = 36.22$$

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 7.296      | 166271.32 | 0.0288 | P   | 1.2 |
| 2 | <input type="checkbox"/> | 0.000     | -60.021    | 164776.28 | 0.0284 | P   | 0.5 |
| 3 | <input type="checkbox"/> | 0.000     | 52.725     | 169139.22 | 0.0290 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 1000.000  | 957.435    | 201520.60 | 0.0344 | P   | 2.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2563.603   | 240708.68 | 0.0439 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 5000.000  | 5395.610   | 312868.16 | 0.0606 | P   | 0.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 10346.792  | 436525.98 | 0.0899 | P   | 0.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 19721.879  | 707668.59 | 0.1454 | P   | 1.3 |
| 9 | <input type="checkbox"/> |           |            | 129113.04 | 0.0253 | P   | 1.0 |

$$y = 5.9148E-006 * x + 0.0287$$

R = 0.9995

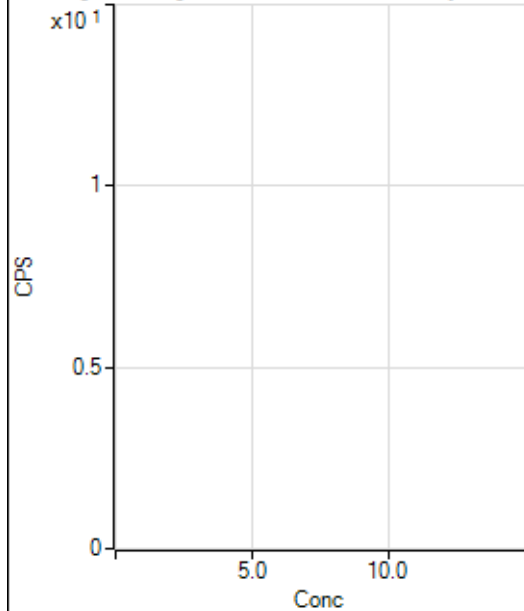
DL = 120.9

BEC = 4856

Weight: <None>

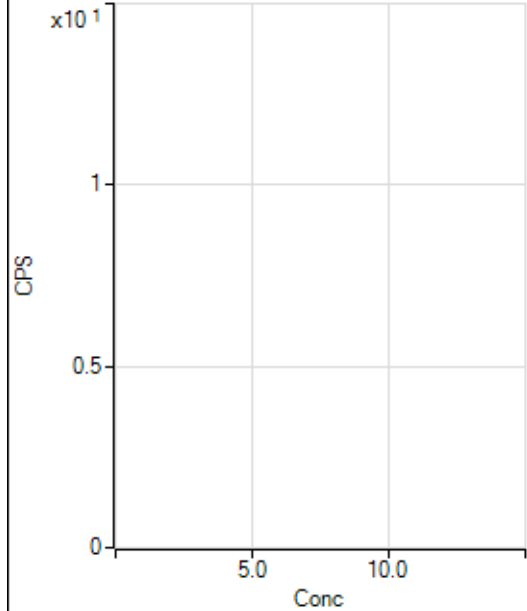
Min Conc: 0

35 Cl [No Gas] No available calibration points



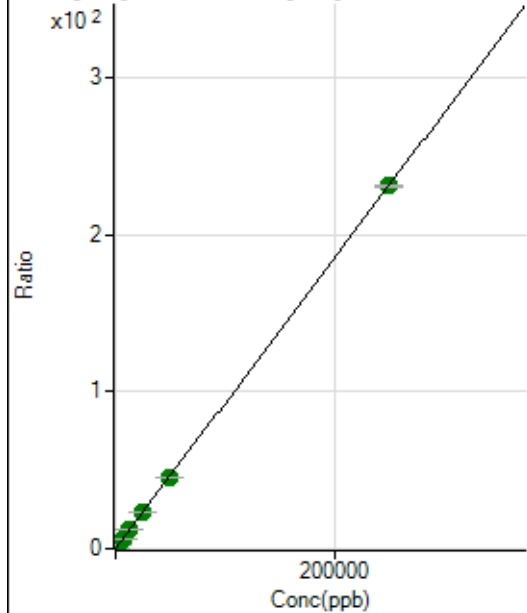
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |
| 9 | <input type="checkbox"/> |       |            |     |       |     |     |

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



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |
| 9 | <input type="checkbox"/> |       |            |     |       |     |     |

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 52218.09    | 0.0923   | P   | 1.4 |
| 2 | <input type="checkbox"/> | 50.000    | 52.625     | 80231.04    | 0.1409   | P   | 0.6 |
| 3 | <input type="checkbox"/> | 500.000   | 530.179    | 334432.39   | 0.5818   | P   | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2528.598   | 1344910.58  | 2.4268   | A   | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6097.400   | 3007900.93  | 5.7217   | A   | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 12786.851  | 5792394.92  | 11.8977  | A   | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25116.197  | 11043389.14 | 23.2808  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 50000.000 | 49049.061  | 21625594.68 | 45.3768  | A   | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 250167.69  | 117544684.9 | 231.0591 | A   | 0.4 |

$$y = 9.2325E-004 * x + 0.0923$$

$$R = 1.0000$$

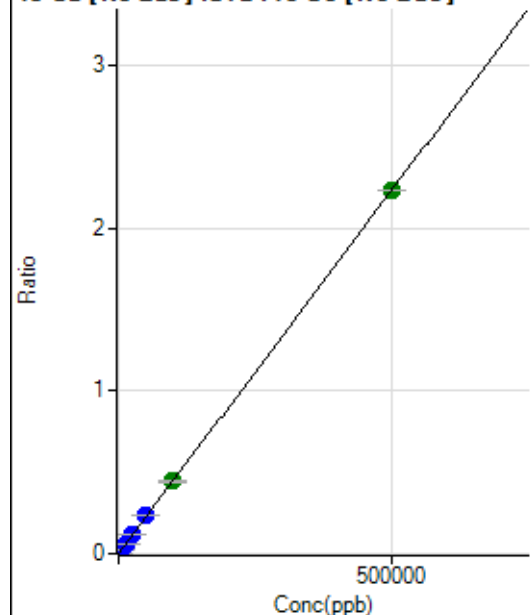
$$DL = 4.12$$

$$BEC = 99.98$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 465.57      | 0.0001 | P   | 1.7 |
| 2 | <input type="checkbox"/> | 50.000    | 58.176     | 1973.48     | 0.0003 | P   | 7.2 |
| 3 | <input type="checkbox"/> | 500.000   | 545.112    | 14621.60    | 0.0025 | P   | 2.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5196.043   | 136139.43   | 0.0232 | P   | 3.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12919.816  | 316212.32   | 0.0577 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 27211.222  | 626108.36   | 0.1214 | P   | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 53636.642  | 1160805.43  | 0.2391 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 99743.401  | 2164274.24  | 0.4446 | A   | 1.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 499564.59  | 11365401.50 | 2.2264 | A   | 0.1 |

$$y = 4.4566E-006 * x + 8.0543E-005$$

$$R = 1.0000$$

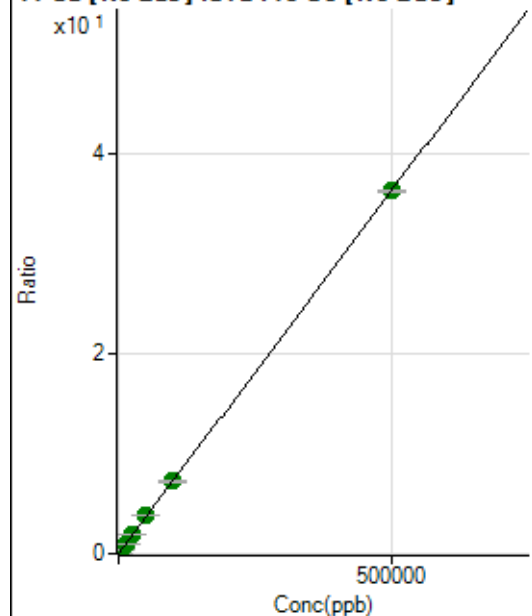
$$DL = 0.8998$$

$$BEC = 18.07$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13198.69    | 0.0023  | P   | 1.6 |
| 2 | <input type="checkbox"/> | 50.000    | 57.071     | 37337.46    | 0.0064  | P   | 1.6 |
| 3 | <input type="checkbox"/> | 500.000   | 551.650    | 246676.95   | 0.0423  | P   | 1.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5049.690   | 2162356.10  | 0.3690  | A   | 2.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12494.280  | 4989382.32  | 0.9097  | A   | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26260.865  | 9852284.85  | 1.9095  | A   | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51930.623  | 18320373.48 | 3.7738  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 99396.358  | 35151632.53 | 7.2211  | A   | 1.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 499864.21  | 185326910.5 | 36.3058 | A   | 0.5 |

$$y = 7.2627E-005 * x + 0.0023$$

$$R = 1.0000$$

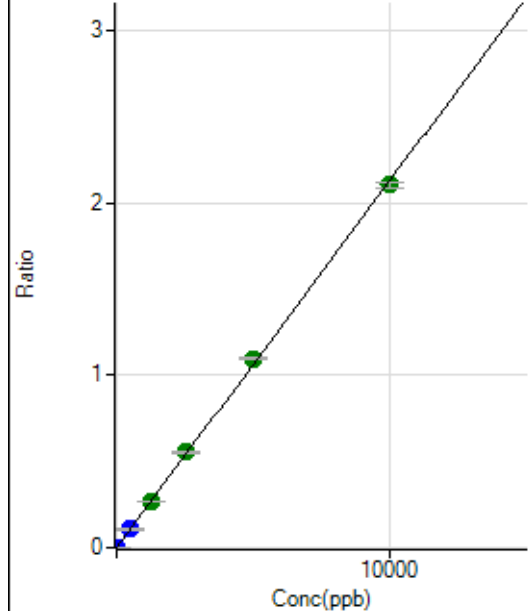
$$DL = 1.504$$

$$BEC = 31.44$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 71.11       | 0.0000 | P   | 34. |
| 2 | <input type="checkbox"/> | 0.500     | 0.541      | 738.91      | 0.0001 | P   | 10. |
| 3 | <input type="checkbox"/> | 5.000     | 5.349      | 6695.98     | 0.0011 | P   | 5.3 |
| 4 | <input type="checkbox"/> | 500.000   | 499.536    | 622174.75   | 0.1062 | P   | 3.8 |
| 5 | <input type="checkbox"/> | 1250.000  | 1250.536   | 1458072.06  | 0.2659 | A   | 0.9 |
| 6 | <input type="checkbox"/> | 2500.000  | 2604.644   | 2856915.76  | 0.5537 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 5000.000  | 5155.782   | 5320792.28  | 1.0960 | A   | 0.5 |
| 8 | <input type="checkbox"/> | 10000.000 | 9895.904   | 10240507.62 | 2.1037 | A   | 1.8 |
| 9 | <input type="checkbox"/> |           |            | 2179.07     | 0.0004 | P   | 9.8 |

$$y = 2.1258E-004 * x + 1.2279E-005$$

$$R = 0.9998$$

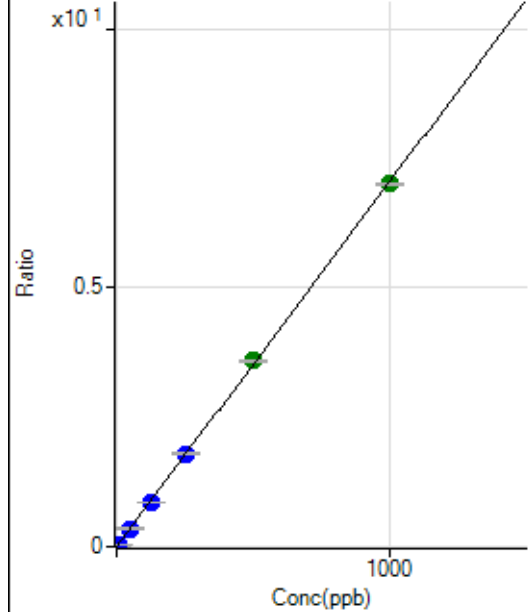
$$DL = 0.05995$$

$$BEC = 0.05776$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.56      | 0.0000 | P   | 75. |
| 2 | <input type="checkbox"/> | 0.500    | 0.528      | 2133.50    | 0.0037 | P   | 4.4 |
| 3 | <input type="checkbox"/> | 5.000    | 5.237      | 21232.85   | 0.0369 | P   | 2.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.962     | 195143.51  | 0.3522 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 120.908    | 447959.25  | 0.8522 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 255.664    | 877198.87  | 1.8019 | P   | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 508.905    | 1701382.98 | 3.5867 | A   | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.644    | 3340831.76 | 7.0101 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 927.82     | 0.0018 | P   | 1.6 |

$$y = 0.0070 * x + 2.7424E-005$$

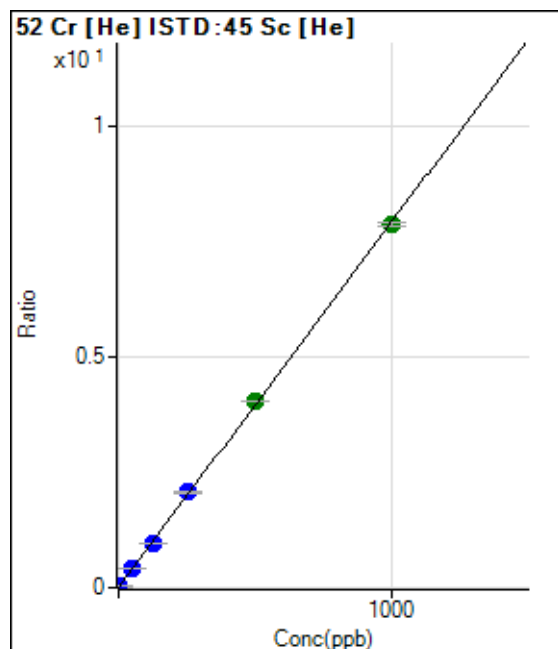
$$R = 0.9999$$

$$DL = 0.008764$$

$$BEC = 0.003891$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3034.80    | 0.0054 | P   | 2.9 |
| 2 | <input type="checkbox"/> | 0.200    | 0.254      | 4200.62    | 0.0074 | P   | 2.4 |
| 3 | <input type="checkbox"/> | 2.000    | 2.152      | 12894.48   | 0.0224 | P   | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.872     | 226581.93  | 0.4089 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 122.370    | 513054.13  | 0.9760 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 260.030    | 1006642.66 | 2.0679 | P   | 1.8 |
| 7 | <input type="checkbox"/> | 500.000  | 510.645    | 1923868.29 | 4.0557 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.455    | 3754146.72 | 7.8773 | A   | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 10251.51   | 0.0202 | P   | 19. |

$$y = 0.0079 * x + 0.0054$$

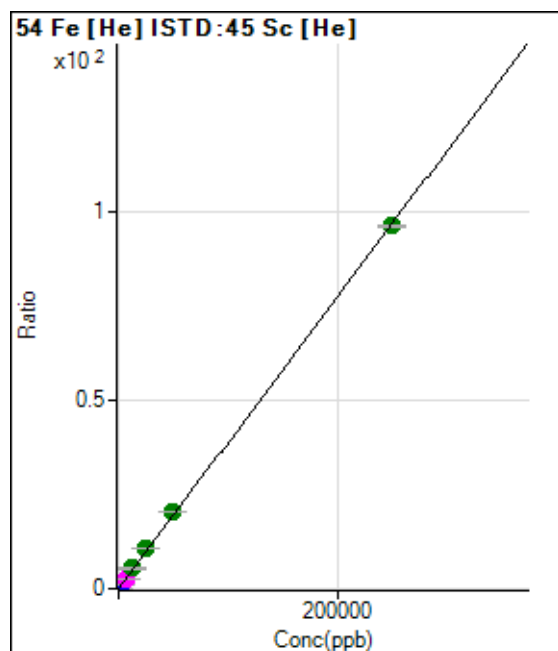
$$R = 0.9999$$

$$DL = 0.0589$$

$$BEC = 0.6763$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2790.28     | 0.0049  | P   | 5.3 |
| 2 | <input type="checkbox"/> | 5.000     | 5.833      | 4089.48     | 0.0072  | P   | 0.7 |
| 3 | <input type="checkbox"/> | 50.000    | 58.404     | 15777.25    | 0.0274  | P   | 1.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2770.876   | 594608.92   | 1.0730  | P   | 0.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6647.476   | 1349436.46  | 2.5673  | M   | 2.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 14007.689  | 2630581.20  | 5.4044  | A   | 3.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 27313.336  | 4996506.94  | 10.5332 | A   | 0.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 53007.291  | 9740133.26  | 20.4373 | A   | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249079.17  | 48844121.49 | 96.0158 | A   | 0.4 |

$$y = 3.8546E-004 * x + 0.0049$$

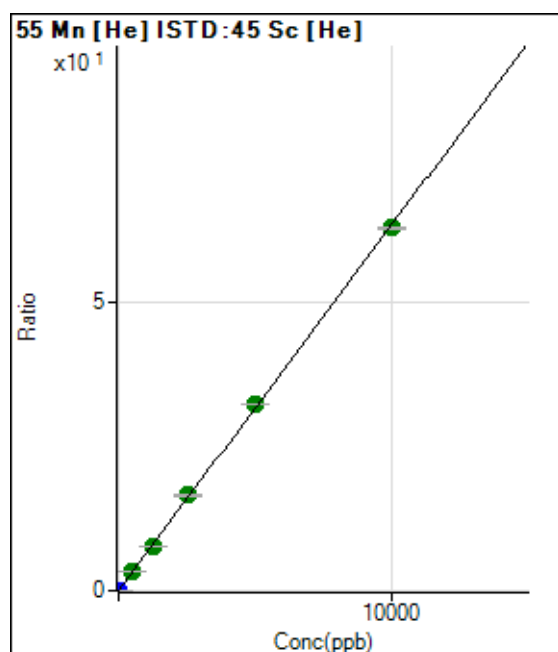
$$R = 0.9999$$

$$DL = 2.028$$

$$BEC = 12.8$$

Weight: <None>

Min Conc: 0



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 408.90      | 0.0007  | P   | 7.7 |
| 2 | <input type="checkbox"/> | 0.100     | 0.120      | 845.59      | 0.0015  | P   | 2.1 |
| 3 | <input type="checkbox"/> | 1.000     | 1.047      | 4240.64     | 0.0074  | P   | 3.4 |
| 4 | <input type="checkbox"/> | 500.000   | 505.256    | 1779817.61  | 3.2118  | A   | 1.0 |
| 5 | <input type="checkbox"/> | 1250.000  | 1222.129   | 4083167.89  | 7.7679  | A   | 1.2 |
| 6 | <input type="checkbox"/> | 2500.000  | 2606.319   | 8063238.28  | 16.5650 | A   | 2.8 |
| 7 | <input type="checkbox"/> | 5000.000  | 5107.340   | 15397541.16 | 32.4601 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 10000.000 | 9922.971   | 30055730.94 | 63.0655 | A   | 0.9 |
| 9 | <input type="checkbox"/> |           |            | 16804.16    | 0.0330  | P   | 3.0 |

$$y = 0.0064 * x + 7.2270E-004$$

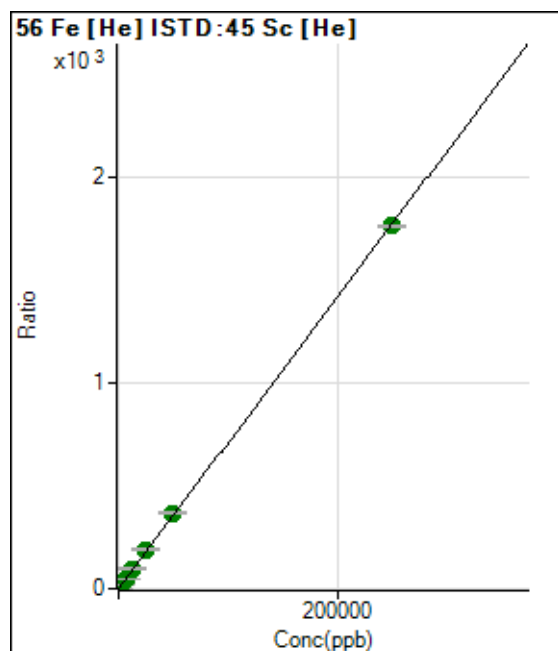
$$R = 0.9998$$

$$DL = 0.02641$$

$$BEC = 0.1137$$

Weight: <None>

Min Conc: 0



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 24587.94    | 0.0435    | P   | 1.0 |
| 2 | <input type="checkbox"/> | 5.000     | 6.001      | 48872.09    | 0.0858    | P   | 4.0 |
| 3 | <input type="checkbox"/> | 50.000    | 56.526     | 254364.32   | 0.4425    | P   | 0.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2681.412   | 10513199.77 | 18.9724   | A   | 1.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6485.094   | 24087546.31 | 45.8238   | A   | 1.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 13858.393  | 47640974.29 | 97.8743   | A   | 3.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 27048.500  | 90595641.98 | 190.9875  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 52100.680  | 175306986.2 | 367.8390  | A   | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 249299.40  | 895295924.4 | 1,759.928 | A   | 0.4 |

$$y = 0.0071 * x + 0.0435$$

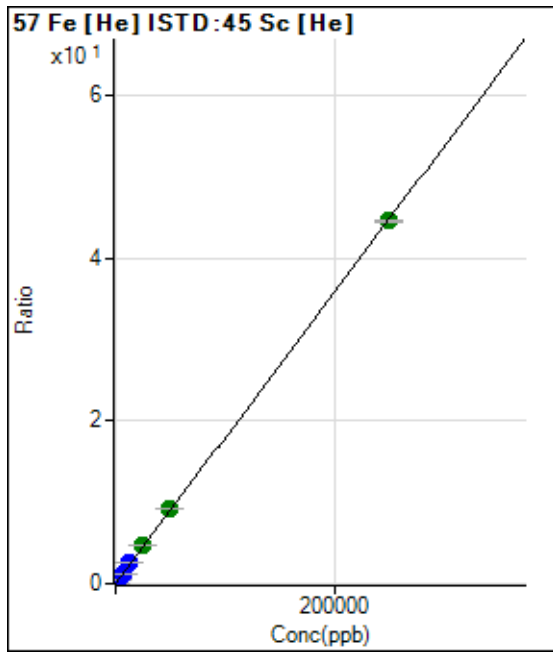
$$R = 0.9999$$

$$DL = 0.1906$$

$$BEC = 6.157$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1523.43     | 0.0027  | P   | 2.9 |
| 2 | <input type="checkbox"/> | 5.000     | 6.358      | 2181.29     | 0.0038  | P   | 0.5 |
| 3 | <input type="checkbox"/> | 50.000    | 59.059     | 7620.88     | 0.0133  | P   | 1.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2712.732   | 270395.47   | 0.4879  | P   | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6590.562   | 621152.05   | 1.1816  | P   | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 14098.673  | 1228941.02  | 2.5246  | P   | 2.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 26957.588  | 2288676.15  | 4.8248  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 51665.879  | 4405815.91  | 9.2446  | A   | 0.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 249380.48  | 22694319.38 | 44.6115 | A   | 0.8 |

$$y = 1.7888E-004 * x + 0.0027$$

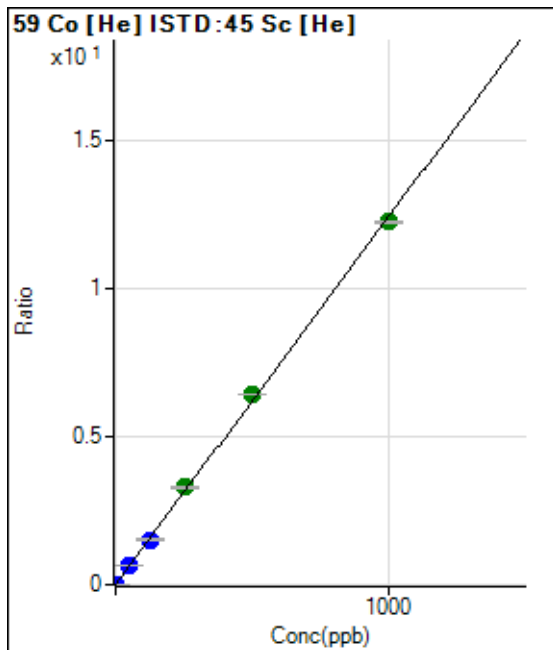
R = 0.9999

DL = 1.294

BEC = 15.06

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 196.67     | 0.0003  | P   | 2.9 |
| 2 | <input type="checkbox"/> | 0.100    | 0.114      | 1003.38    | 0.0018  | P   | 4.8 |
| 3 | <input type="checkbox"/> | 1.000    | 1.103      | 8073.34    | 0.0140  | P   | 2.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.933     | 350665.26  | 0.6328  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 122.532    | 799962.61  | 1.5218  | P   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 264.390    | 1598046.76 | 3.2832  | A   | 3.6 |
| 7 | <input type="checkbox"/> | 500.000  | 520.062    | 3063295.30 | 6.4578  | A   | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 986.633    | 5838649.08 | 12.2511 | A   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 17303.38   | 0.0340  | P   | 0.2 |

$$y = 0.0124 * x + 3.4761E-004$$

R = 0.9996

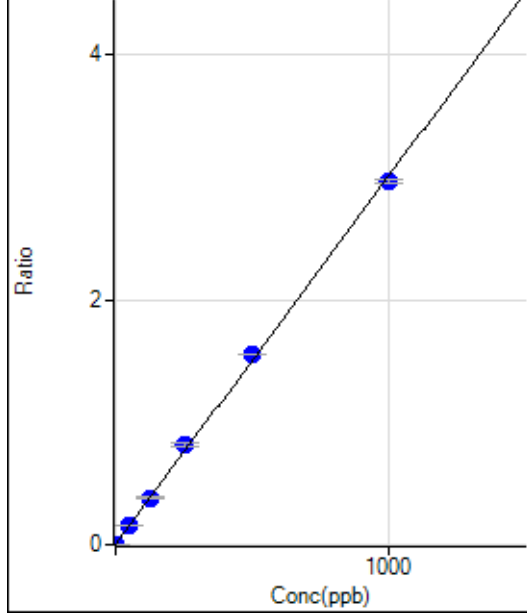
DL = 0.002419

BEC = 0.028

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1048.94    | 0.0019 | P   | 2.7 |
| 2 | <input type="checkbox"/> | 0.100    | 0.072      | 1178.95    | 0.0021 | P   | 6.5 |
| 3 | <input type="checkbox"/> | 1.000    | 1.062      | 2900.31    | 0.0050 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 53.260     | 89678.12   | 0.1618 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 127.139    | 201728.94  | 0.3837 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 271.564    | 397967.48  | 0.8176 | P   | 2.4 |
| 7 | <input type="checkbox"/> | 500.000  | 518.221    | 739258.70  | 1.5584 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 985.068    | 1410996.18 | 2.9607 | P   | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 7746.51    | 0.0152 | P   | 2.2 |

$$y = 0.0030 * x + 0.0019$$

$$R = 0.9995$$

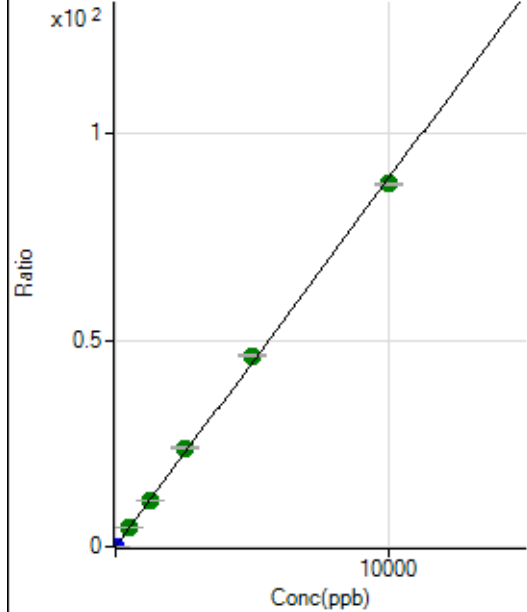
$$DL = 0.04997$$

$$BEC = 0.6172$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2535.80     | 0.0045  | P   | 2.9 |
| 2 | <input type="checkbox"/> | 0.200     | 0.201      | 3571.58     | 0.0063  | P   | 2.6 |
| 3 | <input type="checkbox"/> | 2.000     | 2.021      | 12931.22    | 0.0225  | P   | 0.9 |
| 4 | <input type="checkbox"/> | 500.000   | 527.944    | 2610544.93  | 4.7107  | A   | 0.7 |
| 5 | <input type="checkbox"/> | 1250.000  | 1271.418   | 5960274.08  | 11.3383 | A   | 0.4 |
| 6 | <input type="checkbox"/> | 2500.000  | 2681.324   | 11636839.13 | 23.9065 | A   | 2.7 |
| 7 | <input type="checkbox"/> | 5000.000  | 5195.354   | 21970688.29 | 46.3173 | A   | 0.6 |
| 8 | <input type="checkbox"/> | 10000.000 | 9852.917   | 41860908.26 | 87.8361 | A   | 0.7 |
| 9 | <input type="checkbox"/> |           |            | 12511.96    | 0.0246  | P   | 1.5 |

$$y = 0.0089 * x + 0.0045$$

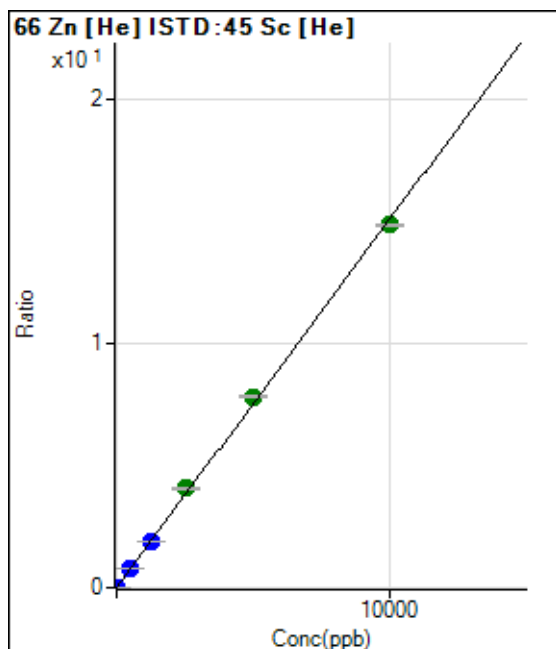
$$R = 0.9995$$

$$DL = 0.04401$$

$$BEC = 0.5029$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 373.34     | 0.0007  | P   | 14. |
| 2 | <input type="checkbox"/> | 0.200     | 0.623      | 911.15     | 0.0016  | P   | 9.0 |
| 3 | <input type="checkbox"/> | 2.000     | 5.331      | 5004.22    | 0.0087  | P   | 2.1 |
| 4 | <input type="checkbox"/> | 500.000   | 513.140    | 429516.01  | 0.7751  | P   | 0.6 |
| 5 | <input type="checkbox"/> | 1250.000  | 1248.463   | 990807.16  | 1.8848  | P   | 0.6 |
| 6 | <input type="checkbox"/> | 2500.000  | 2703.357   | 1986293.55 | 4.0805  | A   | 2.7 |
| 7 | <input type="checkbox"/> | 5000.000  | 5184.087   | 3711533.56 | 7.8244  | A   | 0.9 |
| 8 | <input type="checkbox"/> | 10000.000 | 9856.652   | 7089642.12 | 14.8762 | A   | 0.8 |
| 9 | <input type="checkbox"/> |           |            | 11232.07   | 0.0221  | P   | 2.6 |

$$y = 0.0015 * x + 6.6010E-004$$

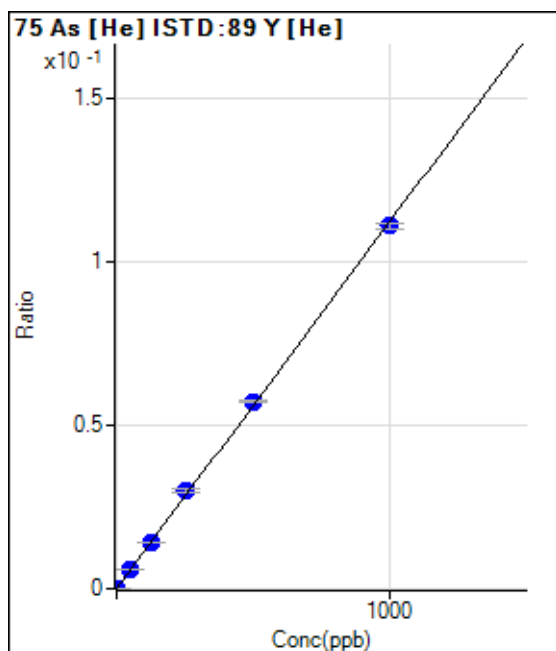
$$R = 0.9995$$

$$DL = 0.1857$$

$$BEC = 0.4374$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 10.00     | 0.0000 | P   | 67. |
| 2 | <input type="checkbox"/> | 0.100    | 0.083      | 58.89     | 0.0000 | P   | 2.9 |
| 3 | <input type="checkbox"/> | 1.000    | 1.137      | 684.47    | 0.0001 | P   | 5.6 |
| 4 | <input type="checkbox"/> | 50.000   | 52.950     | 30521.36  | 0.0059 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 127.075    | 70256.15  | 0.0143 | P   | 1.9 |
| 6 | <input type="checkbox"/> | 250.000  | 267.510    | 139436.35 | 0.0300 | P   | 2.7 |
| 7 | <input type="checkbox"/> | 500.000  | 511.280    | 262726.69 | 0.0574 | P   | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.576    | 508219.90 | 0.1110 | P   | 1.9 |
| 9 | <input type="checkbox"/> |          |            | 341.12    | 0.0001 | P   | 2.9 |

$$y = 1.1218E-004 * x + 1.9335E-006$$

$$R = 0.9997$$

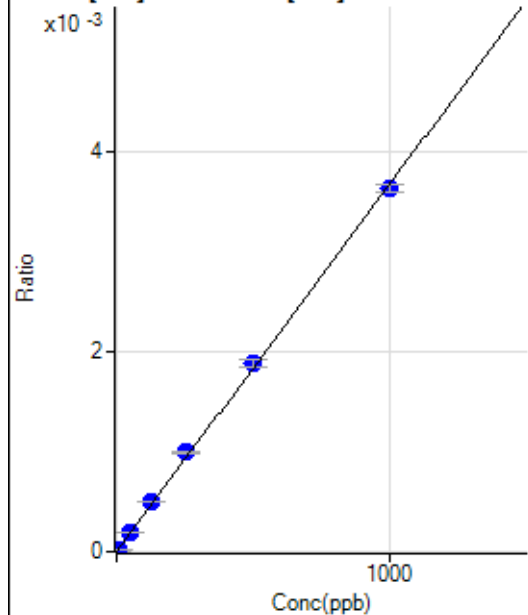
$$DL = 0.03476$$

$$BEC = 0.01724$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00     | 0.0000 | P   |     |
| 2 | <input type="checkbox"/> | 0.500    | 0.751      | 14.44    | 0.0000 | P   | 13. |
| 3 | <input type="checkbox"/> | 5.000    | 5.038      | 97.78    | 0.0000 | P   | 17. |
| 4 | <input type="checkbox"/> | 50.000   | 52.895     | 997.82   | 0.0002 | P   | 7.2 |
| 5 | <input type="checkbox"/> | 125.000  | 134.322    | 2431.34  | 0.0005 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 270.343    | 4612.98  | 0.0010 | P   | 3.1 |
| 7 | <input type="checkbox"/> | 500.000  | 511.329    | 8600.33  | 0.0019 | P   | 4.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.939    | 16611.63 | 0.0036 | P   | 2.0 |
| 9 | <input type="checkbox"/> |          |            | 5.56     | 0.0000 | P   | 91. |

$$y = 3.6727E-006 * x + 0.0000E+000$$

$$R = 0.9997$$

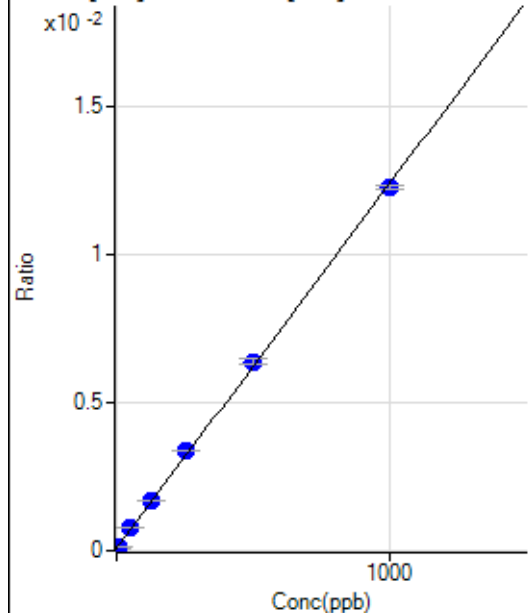
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 394.45   | 0.0001 | P   | 3.3 |
| 2 | <input type="checkbox"/> | 0.500    | 1.575      | 500.02   | 0.0001 | P   | 15. |
| 3 | <input type="checkbox"/> | 5.000    | 5.904      | 786.70   | 0.0001 | P   | 3.6 |
| 4 | <input type="checkbox"/> | 50.000   | 56.203     | 3947.23  | 0.0008 | P   | 4.8 |
| 5 | <input type="checkbox"/> | 125.000  | 130.678    | 8309.06  | 0.0017 | P   | 2.1 |
| 6 | <input type="checkbox"/> | 250.000  | 266.276    | 15597.19 | 0.0034 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 512.216    | 29251.18 | 0.0064 | P   | 3.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 988.798    | 56126.98 | 0.0123 | P   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 351.12   | 0.0001 | P   | 9.0 |

$$y = 1.2320E-005 * x + 7.6119E-005$$

$$R = 0.9997$$

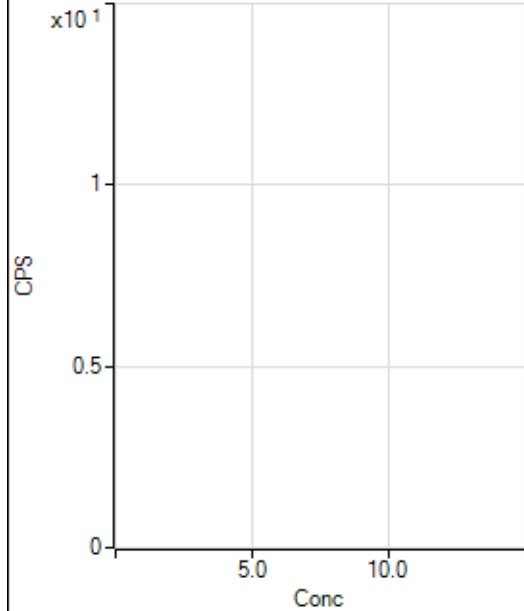
$$DL = 0.6068$$

$$BEC = 6.178$$

Weight: <None>

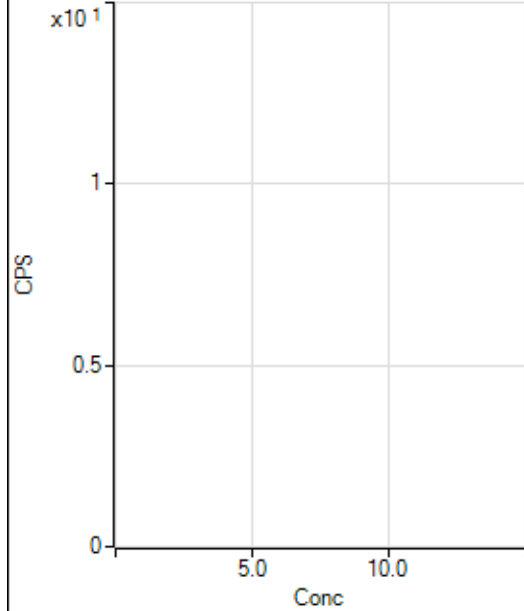
Min Conc: 0

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



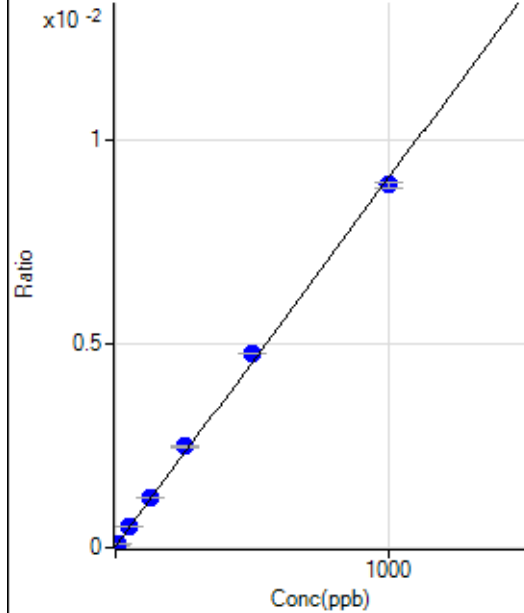
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS      | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 14565.07 |       | P    | 2.4 |
| 2 | <input type="checkbox"/> |       |            | 14438.29 |       | P    | 1.8 |
| 3 | <input type="checkbox"/> |       |            | 14903.20 |       | P    | 1.8 |
| 4 | <input type="checkbox"/> |       |            | 14813.07 |       | P    | 1.6 |
| 5 | <input type="checkbox"/> |       |            | 13851.06 |       | P    | 3.3 |
| 6 | <input type="checkbox"/> |       |            | 12919.08 |       | P    | 0.9 |
| 7 | <input type="checkbox"/> |       |            | 12002.74 |       | P    | 1.3 |
| 8 | <input type="checkbox"/> |       |            | 11815.92 |       | P    | 1.4 |
| 9 | <input type="checkbox"/> |       |            | 12917.96 |       | P    | 1.5 |

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



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|--------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 146.67 |       | P    | 19. |
| 2 | <input type="checkbox"/> |       |            | 115.56 |       | P    | 13. |
| 3 | <input type="checkbox"/> |       |            | 130.00 |       | P    | 13. |
| 4 | <input type="checkbox"/> |       |            | 92.22  |       | P    | 30. |
| 5 | <input type="checkbox"/> |       |            | 105.56 |       | P    | 19. |
| 6 | <input type="checkbox"/> |       |            | 85.56  |       | P    | 6.0 |
| 7 | <input type="checkbox"/> |       |            | 76.67  |       | P    | 42. |
| 8 | <input type="checkbox"/> |       |            | 78.89  |       | P    | 28. |
| 9 | <input type="checkbox"/> |       |            | 100.00 |       | P    | 26. |

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 517.55    | 0.0000 | P   | 6.1 |
| 2 | <input type="checkbox"/> | 0.500    | 0.312      | 573.19    | 0.0000 | P   | 4.2 |
| 3 | <input type="checkbox"/> | 5.000    | 5.529      | 1409.93   | 0.0001 | P   | 5.5 |
| 4 | <input type="checkbox"/> | 50.000   | 53.924     | 9151.50   | 0.0005 | P   | 3.2 |
| 5 | <input type="checkbox"/> | 125.000  | 130.858    | 20590.10  | 0.0012 | P   | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 271.441    | 40123.50  | 0.0025 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 524.524    | 74392.31  | 0.0048 | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 981.447    | 138125.79 | 0.0089 | P   | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 604.67    | 0.0000 | P   | 4.1 |

$y = 9.0240E-006 * x + 2.9934E-005$

R = 0.9993

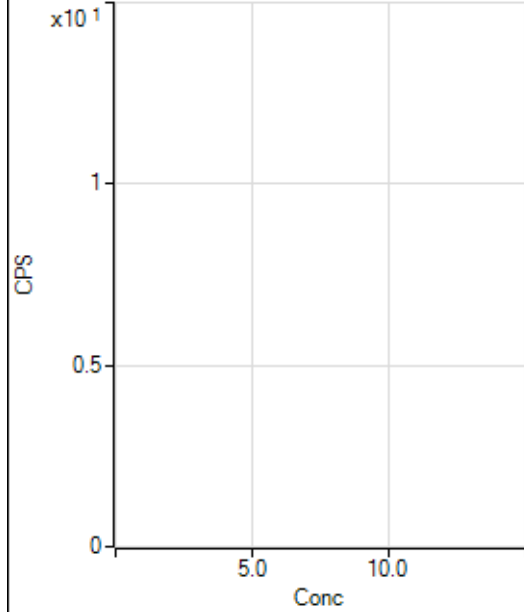
DL = 0.6071

BEC = 3.317

Weight: <None>

Min Conc: 0

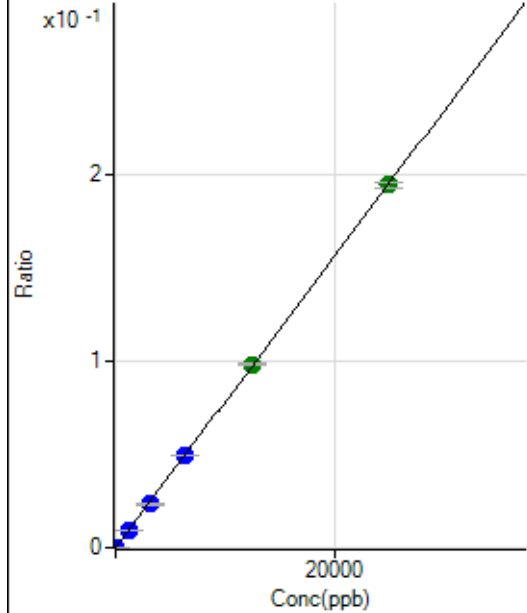
83 Kr [No Gas] No available calibration points



|   | R <sub>jc</sub><br>t     | Conc. | Calc Conc. | CPS    | Ratio | Det | RSD |
|---|--------------------------|-------|------------|--------|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            | 180.00 |       | P   | 11. |
| 2 | <input type="checkbox"/> |       |            | 206.67 |       | P   | 8.5 |
| 3 | <input type="checkbox"/> |       |            | 225.56 |       | P   | 18. |
| 4 | <input type="checkbox"/> |       |            | 166.67 |       | P   | 14. |
| 5 | <input type="checkbox"/> |       |            | 154.45 |       | P   | 12. |
| 6 | <input type="checkbox"/> |       |            | 151.11 |       | P   | 9.9 |
| 7 | <input type="checkbox"/> |       |            | 152.23 |       | P   | 11. |
| 8 | <input type="checkbox"/> |       |            | 148.89 |       | P   | 16. |
| 9 | <input type="checkbox"/> |       |            | 190.00 |       | P   | 3.5 |

Calibration for 005CALS.d

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 312.23     | 0.0000 | P   | 14. |
| 2 | <input type="checkbox"/> | 0.100     | 2.307      | 631.13     | 0.0000 | P   | 6.2 |
| 3 | <input type="checkbox"/> | 1.000     | 25.333     | 3808.31    | 0.0002 | P   | 4.1 |
| 4 | <input type="checkbox"/> | 1250.000  | 1212.670   | 167826.67  | 0.0095 | P   | 3.9 |
| 5 | <input type="checkbox"/> | 3125.000  | 2990.608   | 396859.19  | 0.0233 | P   | 1.8 |
| 6 | <input type="checkbox"/> | 6250.000  | 6313.245   | 796962.32  | 0.0492 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 12500.000 | 12605.417  | 1535441.12 | 0.0983 | A   | 1.3 |
| 8 | <input type="checkbox"/> | 25000.000 | 24950.145  | 3024454.16 | 0.1946 | A   | 1.8 |
| 9 | <input type="checkbox"/> |           |            | 9216.27    | 0.0006 | P   | 2.5 |

$$y = 7.7980E-006 * x + 1.8064E-005$$

R = 1.0000

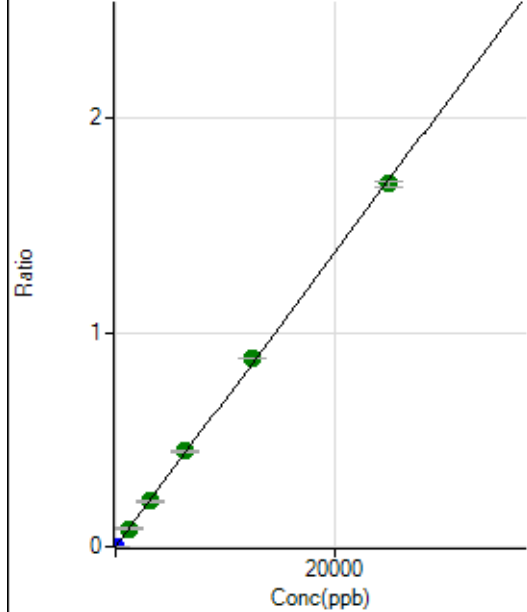
DL = 1.017

BEC = 2.316

Weight: <None>

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 208.89      | 0.0000 | P   | 12. |
| 2 | <input type="checkbox"/> | 0.100     | 2.598      | 3323.74     | 0.0002 | P   | 2.0 |
| 3 | <input type="checkbox"/> | 1.000     | 25.791     | 31386.86    | 0.0018 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1236.825   | 1499510.79  | 0.0847 | A   | 3.9 |
| 5 | <input type="checkbox"/> | 3125.000  | 3097.774   | 3605070.43  | 0.2120 | A   | 1.5 |
| 6 | <input type="checkbox"/> | 6250.000  | 6497.643   | 7195871.00  | 0.4447 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 12500.000 | 12875.877  | 13761701.19 | 0.8811 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 25000.000 | 24754.212  | 26331404.05 | 1.6940 | A   | 1.4 |
| 9 | <input type="checkbox"/> |           |            | 81468.31    | 0.0052 | P   | 0.2 |

$$y = 6.8433E-005 * x + 1.2088E-005$$

R = 0.9998

DL = 0.06728

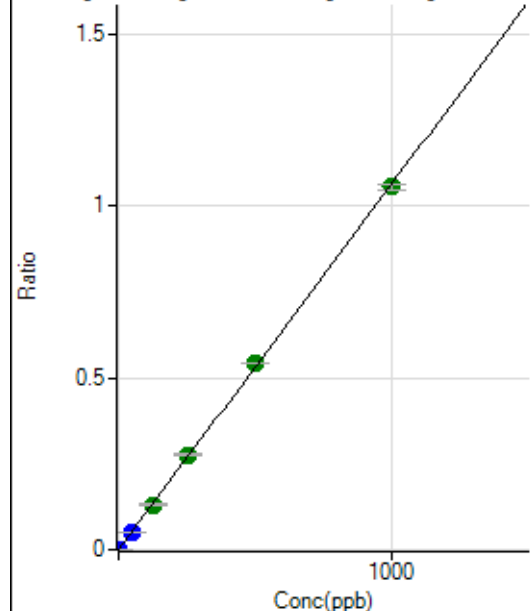
BEC = 0.1766

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 788.92      | 0.0000 | P   | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    | 0.096      | 2594.70     | 0.0001 | P   | 0.7 |
| 3 | <input type="checkbox"/> | 1.000    | 1.025      | 20069.33    | 0.0011 | P   | 0.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.799     | 920572.24   | 0.0520 | P   | 3.8 |
| 5 | <input type="checkbox"/> | 125.000  | 123.114    | 2228508.23  | 0.1310 | A   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 258.826    | 4457372.16  | 0.2754 | A   | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 510.276    | 8480377.37  | 0.5430 | A   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.951    | 16422215.31 | 1.0566 | A   | 1.9 |
| 9 | <input type="checkbox"/> |          |            | 11655.82    | 0.0007 | P   | 2.8 |

$$y = 0.0011 * x + 4.5628E-005$$

$$R = 0.9999$$

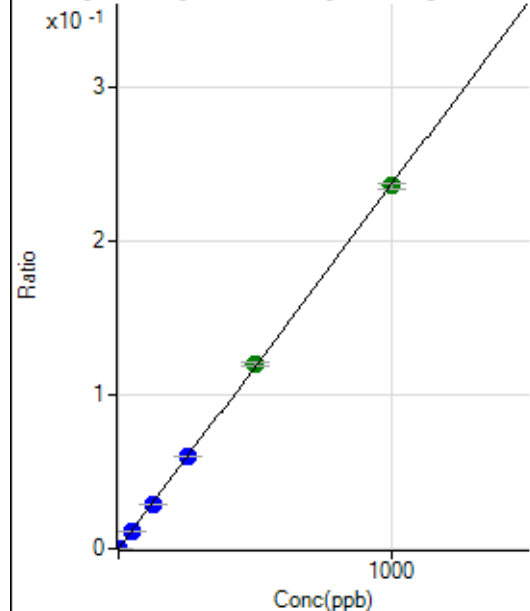
$$DL = 0.0025$$

$$BEC = 0.04288$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 95.56      | 0.0000 | P   | 18. |
| 2 | <input type="checkbox"/> | 0.100    | 0.105      | 532.24     | 0.0000 | P   | 6.9 |
| 3 | <input type="checkbox"/> | 1.000    | 1.022      | 4368.47    | 0.0002 | P   | 5.3 |
| 4 | <input type="checkbox"/> | 50.000   | 48.993     | 205434.20  | 0.0116 | P   | 4.1 |
| 5 | <input type="checkbox"/> | 125.000  | 121.016    | 487017.57  | 0.0286 | P   | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 254.965    | 976341.10  | 0.0603 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 506.693    | 1872564.97 | 0.1199 | A   | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.961    | 3662907.59 | 0.2357 | A   | 1.8 |
| 9 | <input type="checkbox"/> |          |            | 2571.37    | 0.0002 | P   | 4.3 |

$$y = 2.3661E-004 * x + 5.5197E-006$$

$$R = 0.9999$$

$$DL = 0.01273$$

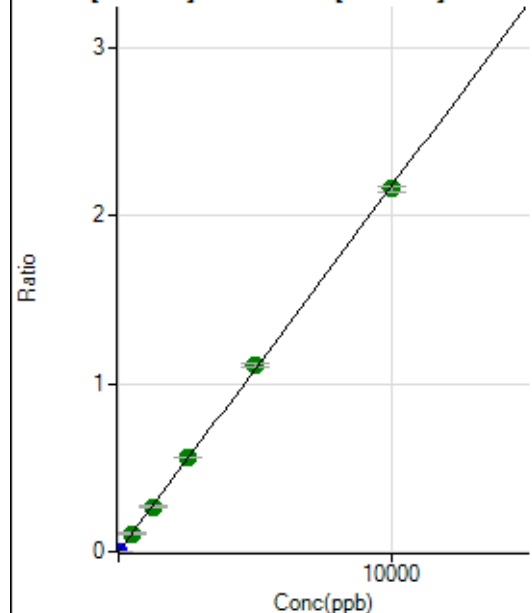
$$BEC = 0.02333$$

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 454.46      | 0.0000 | P   | 7.6 |
| 2 | <input type="checkbox"/> | 0.500     | 0.576      | 2652.49     | 0.0002 | P   | 1.5 |
| 3 | <input type="checkbox"/> | 5.000     | 6.084      | 23847.25    | 0.0014 | P   | 2.1 |
| 4 | <input type="checkbox"/> | 500.000   | 498.433    | 1921748.30  | 0.1085 | A   | 3.5 |
| 5 | <input type="checkbox"/> | 1250.000  | 1231.056   | 4555707.26  | 0.2679 | A   | 1.3 |
| 6 | <input type="checkbox"/> | 2500.000  | 2592.660   | 9129632.15  | 0.5642 | A   | 0.9 |
| 7 | <input type="checkbox"/> | 5000.000  | 5103.972   | 17345218.08 | 1.1106 | A   | 1.1 |
| 8 | <input type="checkbox"/> | 10000.000 | 9927.295   | 33574843.11 | 2.1601 | A   | 1.7 |
| 9 | <input type="checkbox"/> |           |            | 10931.96    | 0.0007 | P   | 5.7 |

$$y = 2.1759E-004 * x + 2.6268E-005$$

R = 0.9999

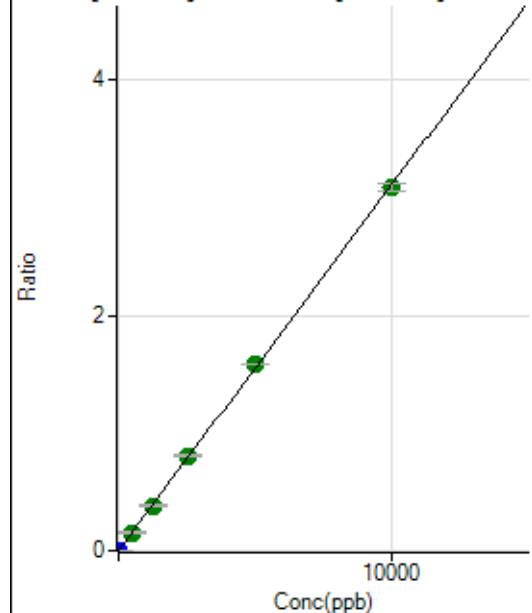
DL = 0.02745

BEC = 0.1207

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 371.12      | 0.0000 | P   | 4.3 |
| 2 | <input type="checkbox"/> | 0.500     | 0.511      | 3157.04     | 0.0002 | P   | 1.8 |
| 3 | <input type="checkbox"/> | 5.000     | 5.089      | 28317.43    | 0.0016 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 500.000   | 498.479    | 2744926.11  | 0.1550 | A   | 3.8 |
| 5 | <input type="checkbox"/> | 1250.000  | 1231.799   | 6511064.00  | 0.3829 | A   | 1.3 |
| 6 | <input type="checkbox"/> | 2500.000  | 2595.886   | 13057049.67 | 0.8069 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 5000.000  | 5113.889   | 24824888.52 | 1.5895 | A   | 0.5 |
| 8 | <input type="checkbox"/> | 10000.000 | 9921.435   | 47931007.62 | 3.0838 | A   | 2.0 |
| 9 | <input type="checkbox"/> |           |            | 11044.32    | 0.0007 | P   | 11. |

$$y = 3.1082E-004 * x + 2.1465E-005$$

R = 0.9998

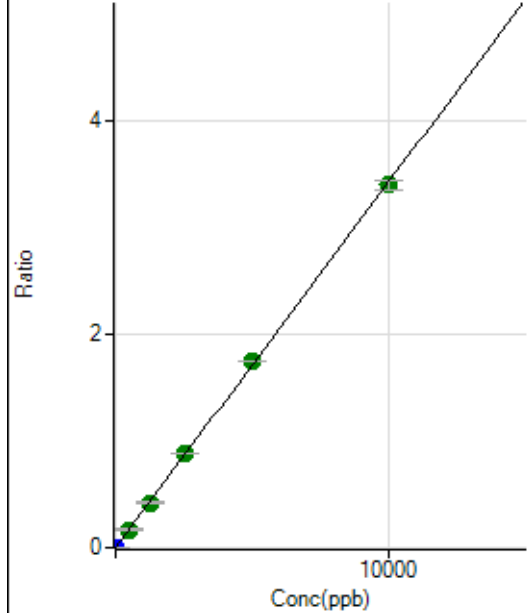
DL = 0.008882

BEC = 0.06906

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 456.68      | 0.0000 | P   | 17. |
| 2 | <input type="checkbox"/> | 0.500     | 0.523      | 3597.15     | 0.0002 | P   | 4.9 |
| 3 | <input type="checkbox"/> | 5.000     | 5.212      | 31966.00    | 0.0018 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 500.000   | 499.178    | 3026263.32  | 0.1708 | A   | 3.7 |
| 5 | <input type="checkbox"/> | 1250.000  | 1233.597   | 7178028.85  | 0.4221 | A   | 2.0 |
| 6 | <input type="checkbox"/> | 2500.000  | 2583.889   | 14307997.84 | 0.8842 | A   | 0.6 |
| 7 | <input type="checkbox"/> | 5000.000  | 5110.636   | 27312308.76 | 1.7488 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 10000.000 | 9925.801   | 52789901.99 | 3.3964 | A   | 2.3 |
| 9 | <input type="checkbox"/> |           |            | 21514.85    | 0.0014 | P   | 4.3 |

$$y = 3.4218\text{E-}004 * x + 2.6412\text{E-}005$$

R = 0.9999

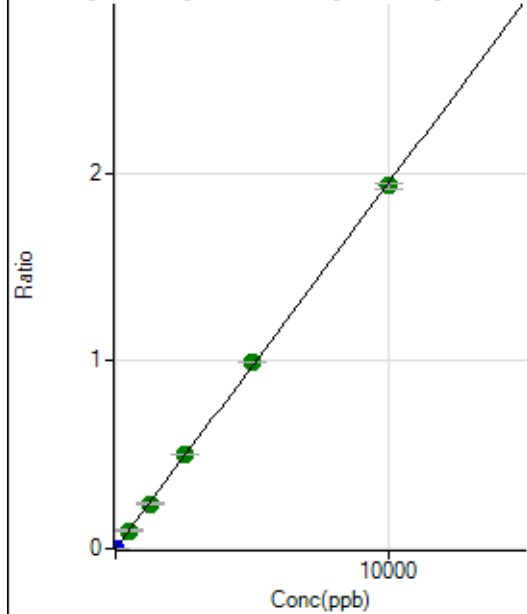
DL = 0.04017

BEC = 0.07719

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 247.78      | 0.0000 | P   | 4.0 |
| 2 | <input type="checkbox"/> | 0.500     | 0.531      | 2061.28     | 0.0001 | P   | 1.7 |
| 3 | <input type="checkbox"/> | 5.000     | 5.151      | 17973.38    | 0.0010 | P   | 2.0 |
| 4 | <input type="checkbox"/> | 500.000   | 495.919    | 1711453.27  | 0.0966 | A   | 3.7 |
| 5 | <input type="checkbox"/> | 1250.000  | 1225.153   | 4058189.73  | 0.2387 | A   | 1.9 |
| 6 | <input type="checkbox"/> | 2500.000  | 2597.889   | 8188953.35  | 0.5061 | A   | 0.5 |
| 7 | <input type="checkbox"/> | 5000.000  | 5101.551   | 15519859.91 | 0.9937 | A   | 0.8 |
| 8 | <input type="checkbox"/> | 10000.000 | 9928.062   | 30058571.50 | 1.9339 | A   | 1.6 |
| 9 | <input type="checkbox"/> |           |            | 6920.60     | 0.0004 | P   | 8.4 |

$$y = 1.9479\text{E-}004 * x + 1.4326\text{E-}005$$

R = 0.9999

DL = 0.008736

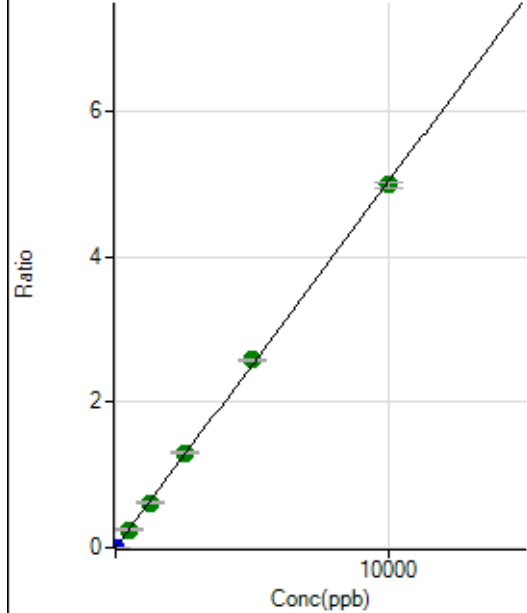
BEC = 0.07355

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



|   | R <sub>jc</sub><br>t     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 650.02      | 0.0000 | P   | 11. |
| 2 | <input type="checkbox"/> | 0.500     | 0.508      | 5127.61     | 0.0003 | P   | 5.6 |
| 3 | <input type="checkbox"/> | 5.000     | 5.145      | 46368.87    | 0.0026 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 500.000   | 496.099    | 4420455.63  | 0.2495 | A   | 3.8 |
| 5 | <input type="checkbox"/> | 1250.000  | 1230.139   | 10521616.30 | 0.6187 | A   | 1.2 |
| 6 | <input type="checkbox"/> | 2500.000  | 2597.880   | 21143660.66 | 1.3066 | A   | 0.5 |
| 7 | <input type="checkbox"/> | 5000.000  | 5128.160   | 40280889.68 | 2.5792 | A   | 0.9 |
| 8 | <input type="checkbox"/> | 10000.000 | 9914.128   | 77500859.40 | 4.9862 | A   | 1.7 |
| 9 | <input type="checkbox"/> |           |            | 16866.58    | 0.0011 | P   | 11. |

$$y = 5.0293\text{E-}004 * x + 3.7615\text{E-}005$$

$$R = 0.9998$$

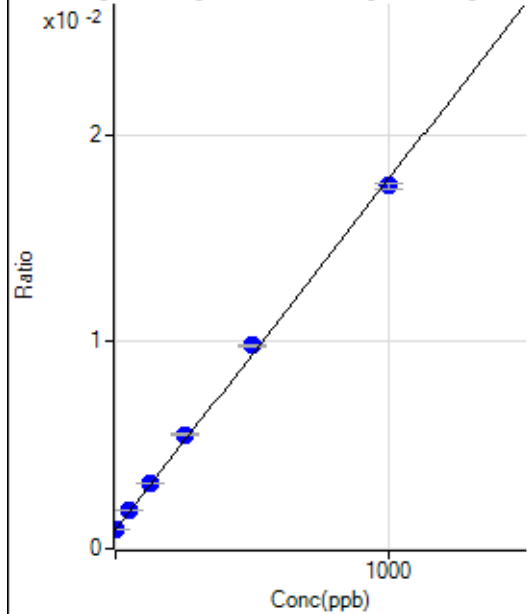
$$DL = 0.02458$$

$$BEC = 0.07479$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13981.27  | 0.0009 | P   | 0.4 |
| 2 | <input type="checkbox"/> | 0.100    | -0.138     | 14060.24  | 0.0009 | P   | 2.8 |
| 3 | <input type="checkbox"/> | 1.000    | 1.698      | 14738.67  | 0.0009 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 54.421     | 29370.84  | 0.0018 | P   | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 133.252    | 49589.84  | 0.0032 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 271.245    | 84417.66  | 0.0055 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 525.229    | 148090.00 | 0.0098 | P   | 1.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 980.821    | 265220.59 | 0.0175 | P   | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 12466.54  | 0.0008 | P   | 1.9 |

$$y = 1.6930\text{E-}005 * x + 9.1567\text{E-}004$$

$$R = 0.9993$$

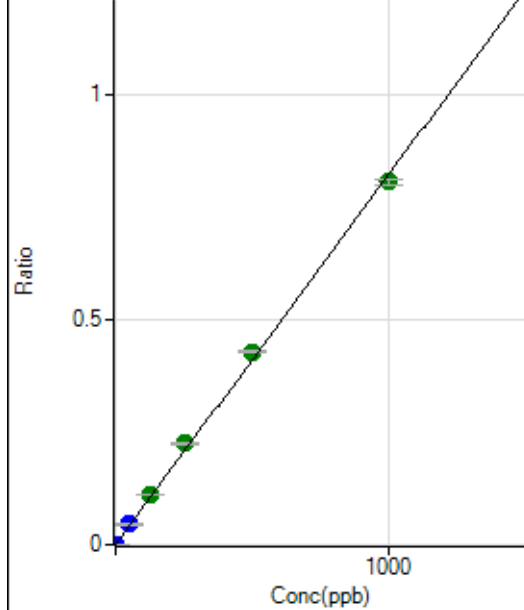
$$DL = 0.6157$$

$$BEC = 54.08$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 92.22       | 0.0000 | P   | 11. |
| 2 | <input type="checkbox"/> | 0.100    | 0.110      | 1480.09     | 0.0001 | P   | 3.0 |
| 3 | <input type="checkbox"/> | 1.000    | 1.073      | 13842.24    | 0.0009 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 54.907     | 720007.00   | 0.0451 | P   | 4.4 |
| 5 | <input type="checkbox"/> | 125.000  | 133.889    | 1718231.15  | 0.1099 | A   | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 275.234    | 3462217.10  | 0.2259 | A   | 1.8 |
| 7 | <input type="checkbox"/> | 500.000  | 522.510    | 6475736.36  | 0.4289 | A   | 1.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 981.080    | 12189291.90 | 0.8053 | A   | 1.8 |
| 9 | <input type="checkbox"/> |          |            | 3045.91     | 0.0002 | P   | 9.8 |

$$y = 8.2080E-004 * x + 6.0400E-006$$

$$R = 0.9993$$

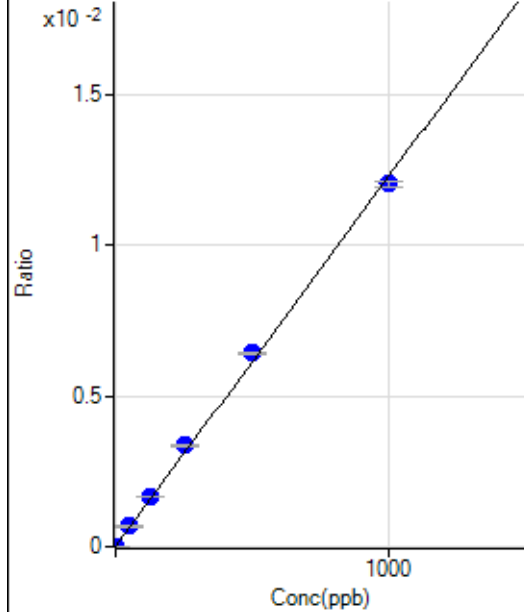
$$DL = 0.002443$$

$$BEC = 0.007359$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 34.44     | 0.0000 | P   | 34. |
| 2 | <input type="checkbox"/> | 0.100    | 0.051      | 44.45     | 0.0000 | P   | 45. |
| 3 | <input type="checkbox"/> | 1.000    | 1.081      | 242.23    | 0.0000 | P   | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 55.618     | 10933.12  | 0.0007 | P   | 5.5 |
| 5 | <input type="checkbox"/> | 125.000  | 136.399    | 26200.37  | 0.0017 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 273.763    | 51509.92  | 0.0034 | P   | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 523.327    | 96980.13  | 0.0064 | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 980.690    | 182154.03 | 0.0120 | P   | 1.6 |
| 9 | <input type="checkbox"/> |          |            | 115.56    | 0.0000 | P   | 35. |

$$y = 1.2268E-005 * x + 2.2556E-006$$

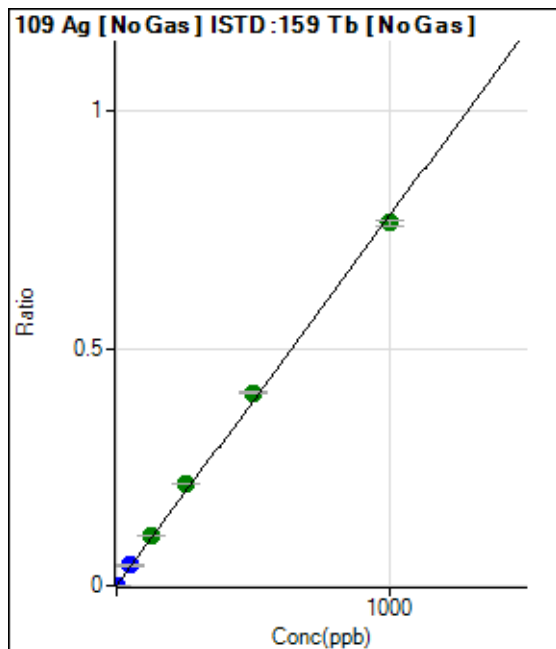
$$R = 0.9993$$

$$DL = 0.1874$$

$$BEC = 0.1839$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.67       | 0.0000 | P   | 27. |
| 2 | <input type="checkbox"/> | 0.100    | 0.108      | 1331.19     | 0.0001 | P   | 4.1 |
| 3 | <input type="checkbox"/> | 1.000    | 1.088      | 13281.72    | 0.0009 | P   | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 54.778     | 682455.98   | 0.0427 | P   | 4.3 |
| 5 | <input type="checkbox"/> | 125.000  | 134.533    | 1640437.68  | 0.1049 | A   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 275.347    | 3290887.52  | 0.2147 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 522.291    | 6150168.45  | 0.4073 | A   | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 981.087    | 11581508.02 | 0.7651 | A   | 1.9 |
| 9 | <input type="checkbox"/> |          |            | 2784.75     | 0.0002 | P   | 8.4 |

$$y = 7.7986E-004 * x + 2.4016E-006$$

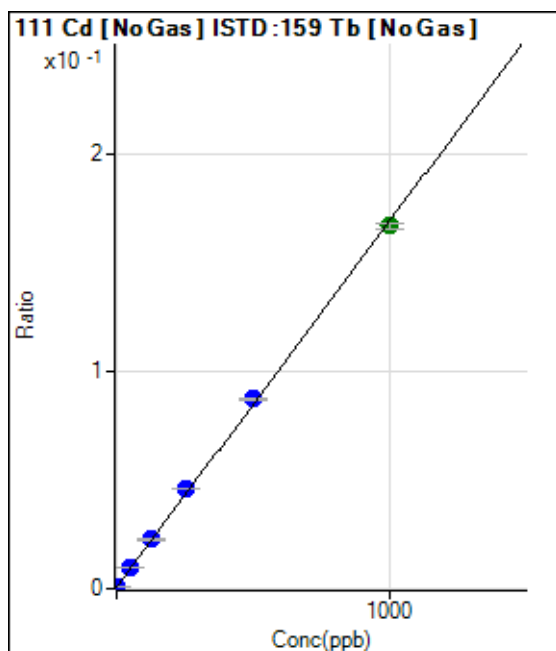
$$R = 0.9993$$

$$DL = 0.002518$$

$$BEC = 0.003079$$

Weight: <None>

Min Conc: 0



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 9778.34    | 0.0006 | P   | 0.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.104      | 10128.83   | 0.0007 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 1.000    | 1.219      | 13203.42   | 0.0008 | P   | 0.2 |
| 4 | <input type="checkbox"/> | 50.000   | 53.753     | 155174.28  | 0.0097 | P   | 3.1 |
| 5 | <input type="checkbox"/> | 125.000  | 130.771    | 355041.78  | 0.0227 | P   | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 269.005    | 705567.83  | 0.0460 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 514.029    | 1319565.56 | 0.0874 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.325    | 2531777.49 | 0.1673 | A   | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 9259.04    | 0.0006 | P   | 2.2 |

$$y = 1.6876E-004 * x + 6.4041E-004$$

$$R = 0.9997$$

$$DL = 0.03742$$

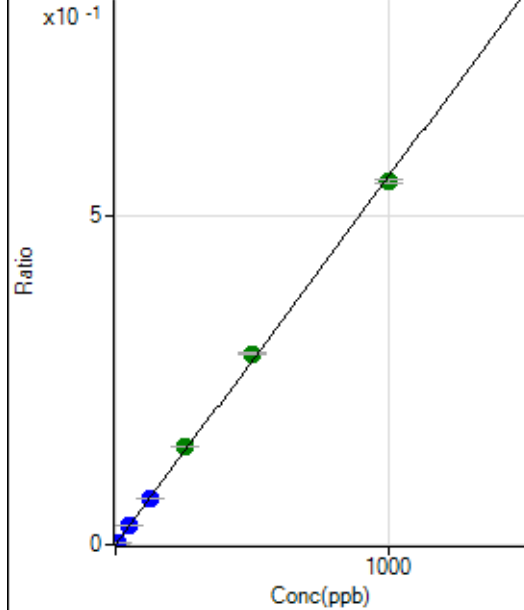
$$BEC = 3.795$$

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 738.92     | 0.0000 | P   | 4.6 |
| 2 | <input type="checkbox"/> | 0.500    | 0.560      | 5561.13    | 0.0004 | P   | 1.1 |
| 3 | <input type="checkbox"/> | 5.000    | 5.478      | 48544.86   | 0.0031 | P   | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 51.347     | 459330.73  | 0.0288 | P   | 4.1 |
| 5 | <input type="checkbox"/> | 125.000  | 125.316    | 1096118.61 | 0.0701 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 266.796    | 2286783.14 | 0.1492 | A   | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 519.747    | 4388030.07 | 0.2906 | A   | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 985.818    | 8342981.61 | 0.5512 | A   | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 3493.79    | 0.0002 | P   | 8.8 |

$$y = 5.5904E-004 * x + 4.8394E-005$$

$$R = 0.9996$$

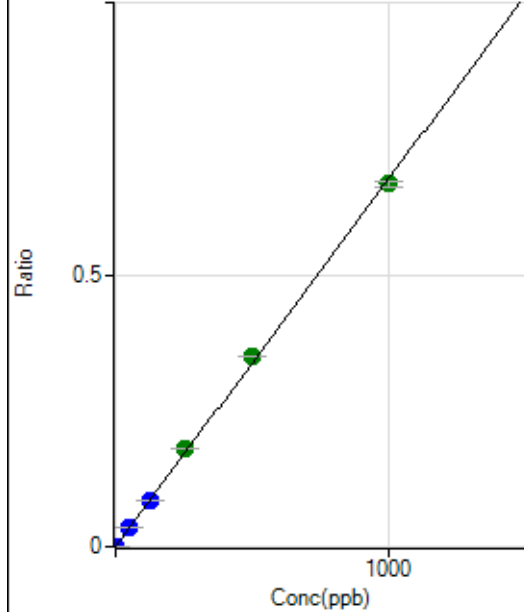
$$DL = 0.01191$$

$$BEC = 0.08657$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 34.44       | 0.0000 | P   | 47. |
| 2 | <input type="checkbox"/> | 0.200    | 0.230      | 2432.46     | 0.0002 | P   | 0.7 |
| 3 | <input type="checkbox"/> | 2.000    | 2.200      | 23267.79    | 0.0015 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.963     | 550818.99   | 0.0345 | P   | 4.5 |
| 5 | <input type="checkbox"/> | 125.000  | 125.224    | 1324686.87  | 0.0847 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 266.739    | 2766051.00  | 0.1805 | A   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 517.368    | 5285839.85  | 0.3500 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.055    | 10108926.66 | 0.6678 | A   | 1.6 |
| 9 | <input type="checkbox"/> |          |            | 8786.11     | 0.0006 | P   | 5.5 |

$$y = 6.7659E-004 * x + 2.2558E-006$$

$$R = 0.9996$$

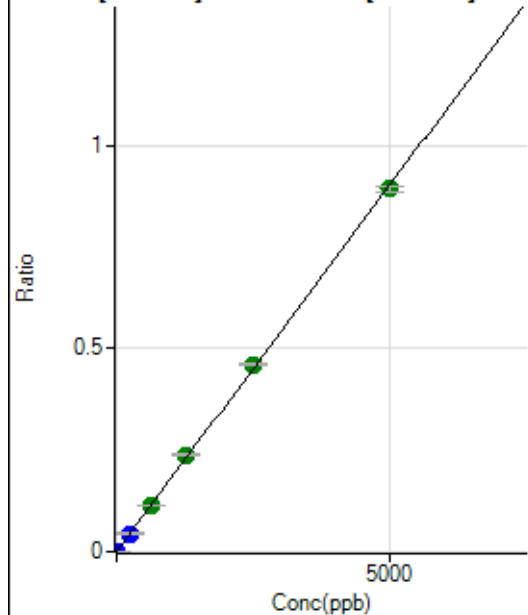
$$DL = 0.004775$$

$$BEC = 0.003334$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 37.78       | 0.0000 | P   | 18. |
| 2 | <input type="checkbox"/> | 1.000    | 1.062      | 2983.68     | 0.0002 | P   | 0.6 |
| 3 | <input type="checkbox"/> | 10.000   | 10.499     | 29569.63    | 0.0019 | P   | 0.4 |
| 4 | <input type="checkbox"/> | 250.000  | 247.100    | 711473.94   | 0.0445 | P   | 4.2 |
| 5 | <input type="checkbox"/> | 625.000  | 632.273    | 1781729.84  | 0.1140 | A   | 0.8 |
| 6 | <input type="checkbox"/> | 1250.000 | 1324.020   | 3657485.29  | 0.2386 | A   | 0.9 |
| 7 | <input type="checkbox"/> | 2500.000 | 2556.016   | 6955959.48  | 0.4607 | A   | 1.2 |
| 8 | <input type="checkbox"/> | 5000.000 | 4952.722   | 13511826.19 | 0.8926 | A   | 1.8 |
| 9 | <input type="checkbox"/> |          |            | 6692.74     | 0.0005 | P   | 4.9 |

$$y = 1.8023E-004 * x + 2.4740E-006$$

$$R = 0.9998$$

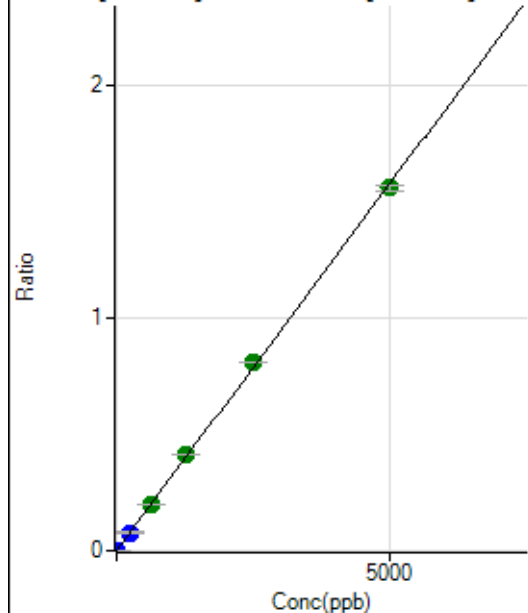
$$DL = 0.007553$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.33       | 0.0000 | P   | 26. |
| 2 | <input type="checkbox"/> | 1.000    | 1.043      | 5126.53     | 0.0003 | P   | 1.2 |
| 3 | <input type="checkbox"/> | 10.000   | 10.456     | 51520.75    | 0.0033 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 250.000  | 247.776    | 1248259.84  | 0.0781 | P   | 4.3 |
| 5 | <input type="checkbox"/> | 625.000  | 636.126    | 3136524.53  | 0.2006 | A   | 1.1 |
| 6 | <input type="checkbox"/> | 1250.000 | 1307.689   | 6320223.24  | 0.4124 | A   | 0.6 |
| 7 | <input type="checkbox"/> | 2500.000 | 2571.494   | 12245371.76 | 0.8109 | A   | 0.4 |
| 8 | <input type="checkbox"/> | 5000.000 | 4948.551   | 23622956.04 | 1.5606 | A   | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 11549.21    | 0.0008 | P   | 4.5 |

$$y = 3.1536E-004 * x + 4.1481E-006$$

$$R = 0.9998$$

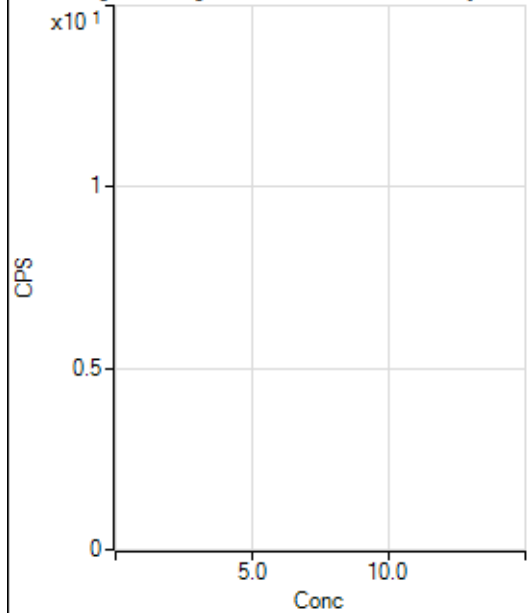
$$DL = 0.01039$$

$$BEC = 0.01315$$

Weight: <None>

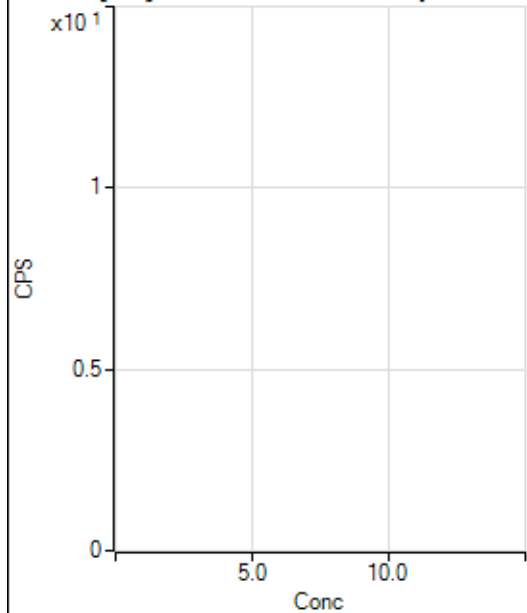
Min Conc: 0

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



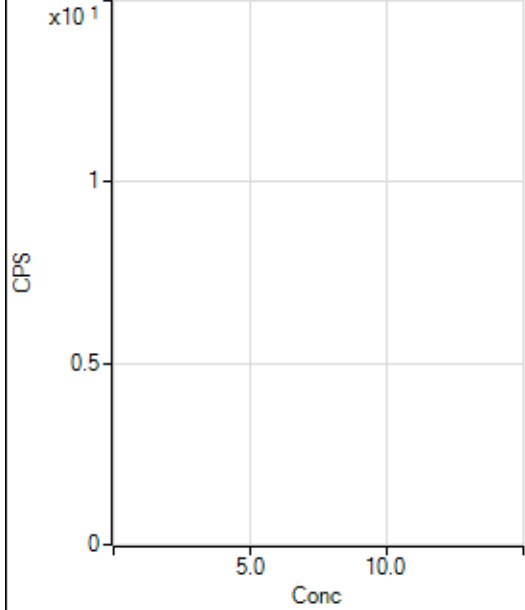
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 50. |
| 2 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 65. |
| 3 | <input type="checkbox"/> |       |            | 14.44  |       | P        | 53. |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 18. |
| 5 | <input type="checkbox"/> |       |            | 141.11 |       | P        | 8.9 |
| 6 | <input type="checkbox"/> |       |            | 255.56 |       | P        | 20. |
| 7 | <input type="checkbox"/> |       |            | 486.68 |       | P        | 4.8 |
| 8 | <input type="checkbox"/> |       |            | 893.37 |       | P        | 8.0 |
| 9 | <input type="checkbox"/> |       |            | 237.78 |       | P        | 5.7 |

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



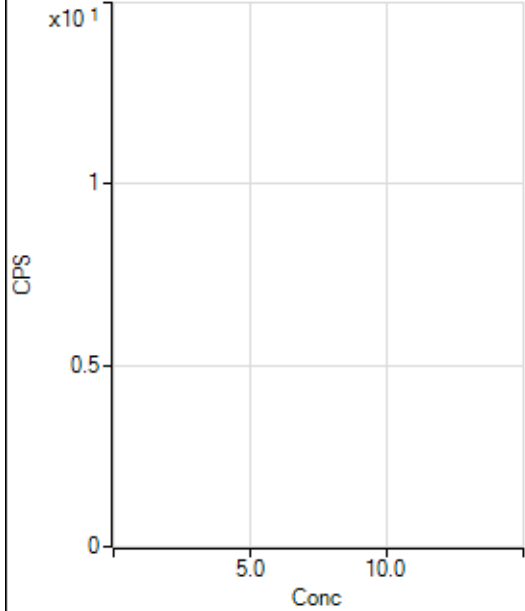
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 69. |
| 2 | <input type="checkbox"/> |       |            | 0.00   |       | P        |     |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 0.0 |
| 4 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 36. |
| 5 | <input type="checkbox"/> |       |            | 52.22  |       | P        | 20. |
| 6 | <input type="checkbox"/> |       |            | 87.78  |       | P        | 11. |
| 7 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 6.7 |
| 8 | <input type="checkbox"/> |       |            | 276.67 |       | P        | 13. |
| 9 | <input type="checkbox"/> |       |            | 113.33 |       | P        | 12. |

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



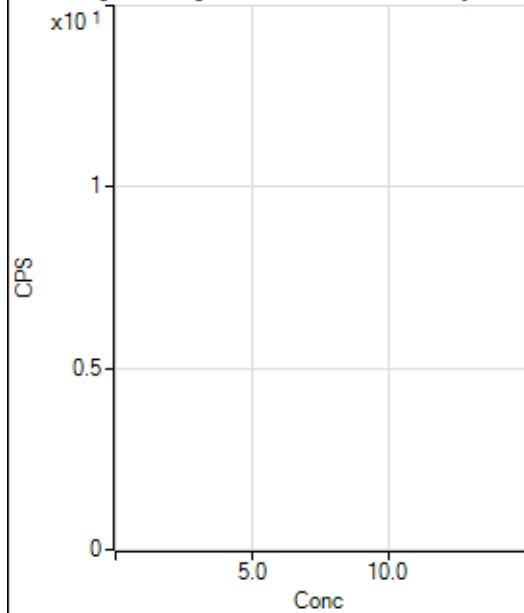
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 15. |
| 2 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 33. |
| 3 | <input type="checkbox"/> |       |            | 14.45  |       | P        | 48. |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 21. |
| 5 | <input type="checkbox"/> |       |            | 62.22  |       | P        | 27. |
| 6 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 6.9 |
| 7 | <input type="checkbox"/> |       |            | 218.89 |       | P        | 13. |
| 8 | <input type="checkbox"/> |       |            | 394.45 |       | P        | 5.1 |
| 9 | <input type="checkbox"/> |       |            | 428.90 |       | P        | 5.0 |

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



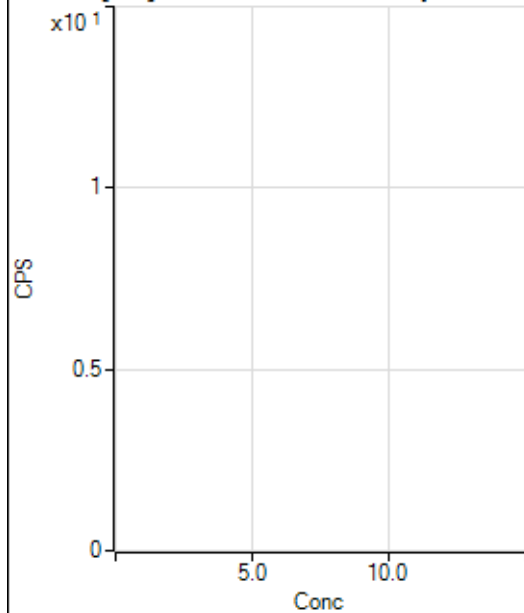
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 24. |
| 2 | <input type="checkbox"/> |       |            | 5.56   |       | P        | 34. |
| 3 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 41. |
| 4 | <input type="checkbox"/> |       |            | 70.00  |       | P        | 16. |
| 5 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 13. |
| 6 | <input type="checkbox"/> |       |            | 212.23 |       | P        | 11. |
| 7 | <input type="checkbox"/> |       |            | 424.45 |       | P        | 2.4 |
| 8 | <input type="checkbox"/> |       |            | 873.37 |       | P        | 3.1 |
| 9 | <input type="checkbox"/> |       |            | 358.90 |       | P        | 5.1 |

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



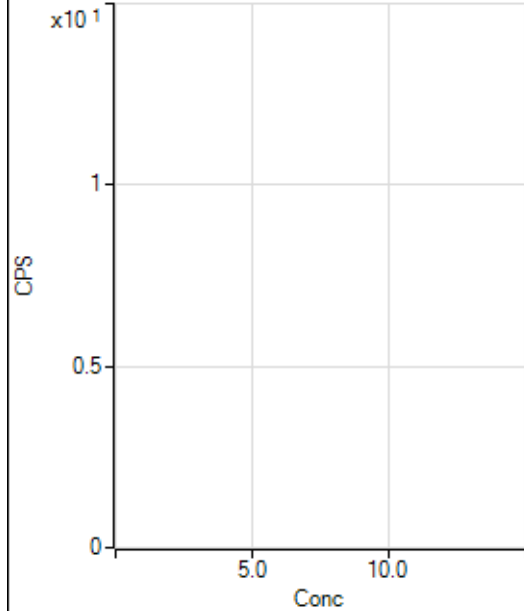
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 104.44 |       | P        | 8.0 |
| 2 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 20. |
| 3 | <input type="checkbox"/> |       |            | 106.67 |       | P        | 29. |
| 4 | <input type="checkbox"/> |       |            | 108.89 |       | P        | 7.7 |
| 5 | <input type="checkbox"/> |       |            | 115.56 |       | P        | 16. |
| 6 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 29. |
| 7 | <input type="checkbox"/> |       |            | 150.00 |       | P        | 20. |
| 8 | <input type="checkbox"/> |       |            | 250.01 |       | P        | 16. |
| 9 | <input type="checkbox"/> |       |            | 478.90 |       | P        | 6.0 |

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



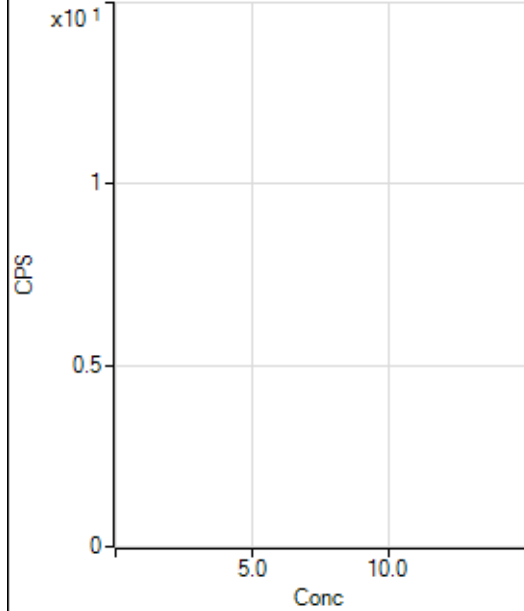
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 588.91 |       | P        | 6.6 |
| 2 | <input type="checkbox"/> |       |            | 672.25 |       | P        | 1.5 |
| 3 | <input type="checkbox"/> |       |            | 621.13 |       | P        | 1.7 |
| 4 | <input type="checkbox"/> |       |            | 617.80 |       | P        | 5.2 |
| 5 | <input type="checkbox"/> |       |            | 652.24 |       | P        | 6.1 |
| 6 | <input type="checkbox"/> |       |            | 591.13 |       | P        | 7.1 |
| 7 | <input type="checkbox"/> |       |            | 600.02 |       | P        | 12. |
| 8 | <input type="checkbox"/> |       |            | 642.24 |       | P        | 9.3 |
| 9 | <input type="checkbox"/> |       |            | 786.70 |       | P        | 1.1 |

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



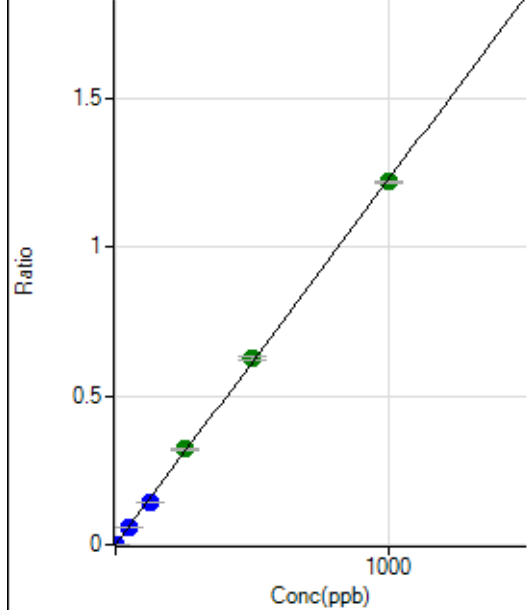
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 40. |
| 2 | <input type="checkbox"/> |       |            | 65.56  |       | P        | 28. |
| 3 | <input type="checkbox"/> |       |            | 67.78  |       | P        | 35. |
| 4 | <input type="checkbox"/> |       |            | 102.22 |       | P        | 27. |
| 5 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 2.5 |
| 6 | <input type="checkbox"/> |       |            | 134.45 |       | P        | 13. |
| 7 | <input type="checkbox"/> |       |            | 178.89 |       | P        | 13. |
| 8 | <input type="checkbox"/> |       |            | 275.56 |       | P        | 25. |
| 9 | <input type="checkbox"/> |       |            | 468.90 |       | P        | 8.6 |

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



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 35. |
| 2 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 28. |
| 3 | <input type="checkbox"/> |       |            | 36.67  |       | P        | 9.1 |
| 4 | <input type="checkbox"/> |       |            | 67.78  |       | P        | 25. |
| 5 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 24. |
| 6 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 15. |
| 7 | <input type="checkbox"/> |       |            | 146.67 |       | P        | 3.9 |
| 8 | <input type="checkbox"/> |       |            | 208.89 |       | P        | 20. |
| 9 | <input type="checkbox"/> |       |            | 331.12 |       | P        | 14. |

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 151.12      | 0.0000 | P   | 10. |
| 2 | <input type="checkbox"/> | 0.100    | 0.089      | 1235.62     | 0.0001 | P   | 3.0 |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 11732.92    | 0.0012 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 46.427     | 585612.49   | 0.0570 | P   | 3.8 |
| 5 | <input type="checkbox"/> | 125.000  | 114.986    | 1426699.42  | 0.1410 | P   | 1.8 |
| 6 | <input type="checkbox"/> | 250.000  | 260.815    | 3158342.38  | 0.3199 | A   | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 510.141    | 6168855.32  | 0.6257 | A   | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.656    | 11768367.88 | 1.2187 | A   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 2027.95     | 0.0002 | P   | 15. |

$$y = 0.0012 * x + 1.5346E-005$$

$$R = 0.9998$$

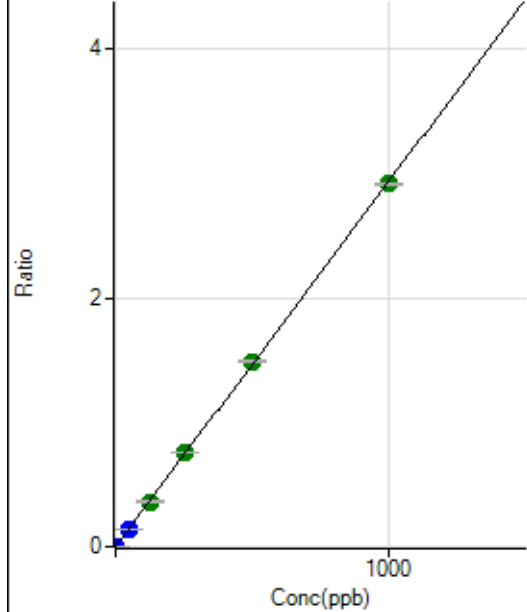
$$DL = 0.004072$$

$$BEC = 0.01251$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 293.34      | 0.0000 | P   | 10. |
| 2 | <input type="checkbox"/> | 0.100    | 0.091      | 2923.68     | 0.0003 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 28357.34    | 0.0028 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 45.699     | 1379280.73  | 0.1342 | P   | 3.9 |
| 5 | <input type="checkbox"/> | 125.000  | 123.516    | 3667397.37  | 0.3626 | A   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 259.126    | 7509021.62  | 0.7606 | A   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 507.264    | 14678230.06 | 1.4889 | A   | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.487    | 28184656.25 | 2.9189 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 5179.94     | 0.0006 | P   | 11. |

$$y = 0.0029 * x + 2.9789E-005$$

$$R = 0.9999$$

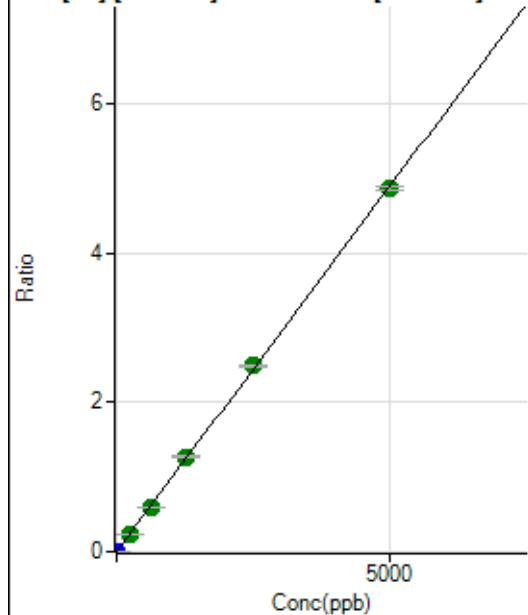
$$DL = 0.003204$$

$$BEC = 0.01015$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 690.03      | 0.0001 | P   | 9.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.097      | 1632.34     | 0.0002 | P   | 6.6 |
| 3 | <input type="checkbox"/> | 1.000    | 0.947      | 10021.53    | 0.0010 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 250.000  | 241.971    | 2438570.42  | 0.2372 | A   | 3.9 |
| 5 | <input type="checkbox"/> | 625.000  | 611.473    | 6061771.78  | 0.5993 | A   | 1.4 |
| 6 | <input type="checkbox"/> | 1250.000 | 1303.366   | 12610069.39 | 1.2773 | A   | 0.5 |
| 7 | <input type="checkbox"/> | 2500.000 | 2541.332   | 24553257.41 | 2.4904 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 5000.000 | 4968.085   | 47010716.52 | 4.8685 | A   | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 16119.70    | 0.0019 | P   | 5.9 |

$$y = 9.7993E-004 * x + 7.0064E-005$$

$$R = 0.9999$$

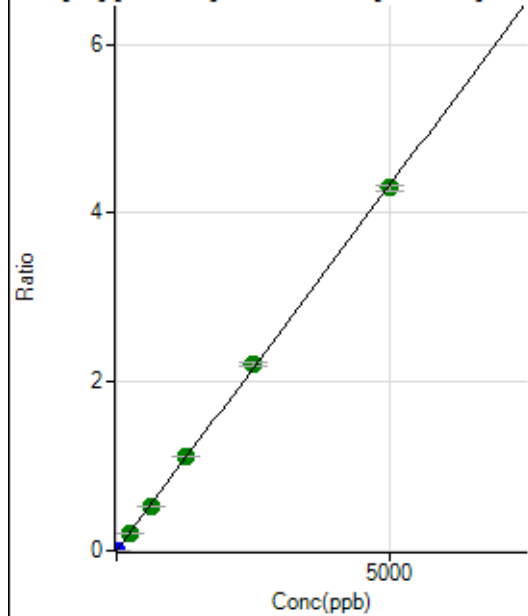
$$DL = 0.01965$$

$$BEC = 0.0715$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 610.02      | 0.0001 | P   | 9.7 |
| 2 | <input type="checkbox"/> | 0.100    | 0.087      | 1356.75     | 0.0001 | P   | 1.9 |
| 3 | <input type="checkbox"/> | 1.000    | 0.951      | 8890.76     | 0.0009 | P   | 2.5 |
| 4 | <input type="checkbox"/> | 250.000  | 244.758    | 2179462.16  | 0.2120 | A   | 3.9 |
| 5 | <input type="checkbox"/> | 625.000  | 611.603    | 5357382.77  | 0.5296 | A   | 1.0 |
| 6 | <input type="checkbox"/> | 1250.000 | 1295.794   | 11077724.83 | 1.1220 | A   | 0.6 |
| 7 | <input type="checkbox"/> | 2500.000 | 2549.603   | 21764023.84 | 2.2077 | A   | 1.6 |
| 8 | <input type="checkbox"/> | 5000.000 | 4965.687   | 41519040.50 | 4.2997 | A   | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 14239.81    | 0.0016 | P   | 4.8 |

$$y = 8.6586E-004 * x + 6.1918E-005$$

$$R = 0.9999$$

$$DL = 0.02085$$

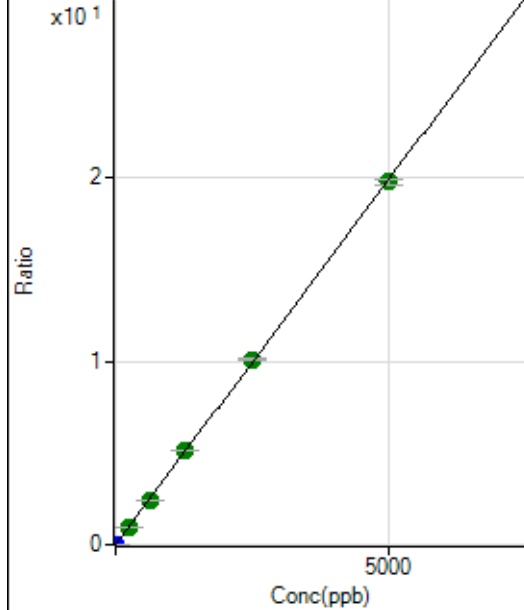
$$BEC = 0.07151$$

Weight: <None>

Min Conc: 0

Calibration for 005CAL5.d

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2670.13     | 0.0003  | P   | 5.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.097      | 6490.69     | 0.0007  | P   | 0.9 |
| 3 | <input type="checkbox"/> | 1.000    | 0.943      | 40452.77    | 0.0040  | P   | 0.4 |
| 4 | <input type="checkbox"/> | 250.000  | 242.592    | 9935696.49  | 0.9663  | A   | 3.6 |
| 5 | <input type="checkbox"/> | 625.000  | 607.636    | 24479075.74 | 2.4200  | A   | 1.2 |
| 6 | <input type="checkbox"/> | 1250.000 | 1292.398   | 50814743.55 | 5.1469  | A   | 0.2 |
| 7 | <input type="checkbox"/> | 2500.000 | 2537.737   | 99633374.90 | 10.1061 | A   | 1.1 |
| 8 | <input type="checkbox"/> | 5000.000 | 4973.073   | 191234118.8 | 19.8041 | A   | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 64744.20    | 0.0075  | P   | 5.0 |

$$y = 0.0040 * x + 2.7109E-004$$

$$R = 0.9999$$

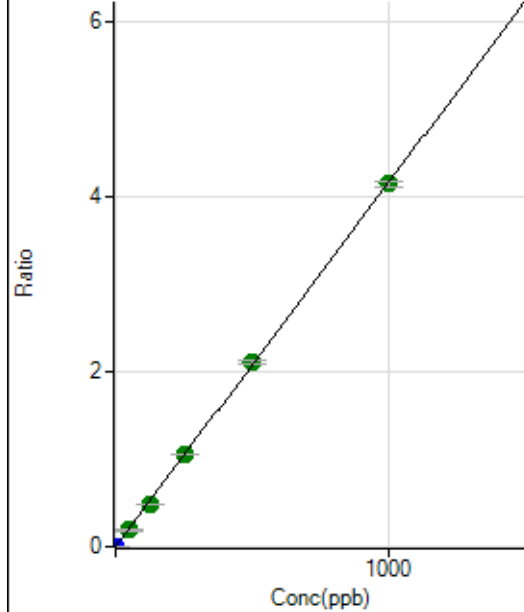
$$DL = 0.01084$$

$$BEC = 0.06808$$

Weight: <None>

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.56       | 0.0000 | P   | 14. |
| 2 | <input type="checkbox"/> | 0.100    | 0.086      | 3582.74     | 0.0004 | P   | 2.1 |
| 3 | <input type="checkbox"/> | 1.000    | 0.892      | 37324.39    | 0.0037 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 45.840     | 1960274.24  | 0.1907 | A   | 4.8 |
| 5 | <input type="checkbox"/> | 125.000  | 117.885    | 4960598.78  | 0.4904 | A   | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 253.329    | 10405697.83 | 1.0539 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 506.530    | 20772854.55 | 2.1072 | A   | 1.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.000    | 40048897.18 | 4.1475 | A   | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 6479.83     | 0.0007 | P   | 19. |

$$y = 0.0042 * x + 3.6112E-006$$

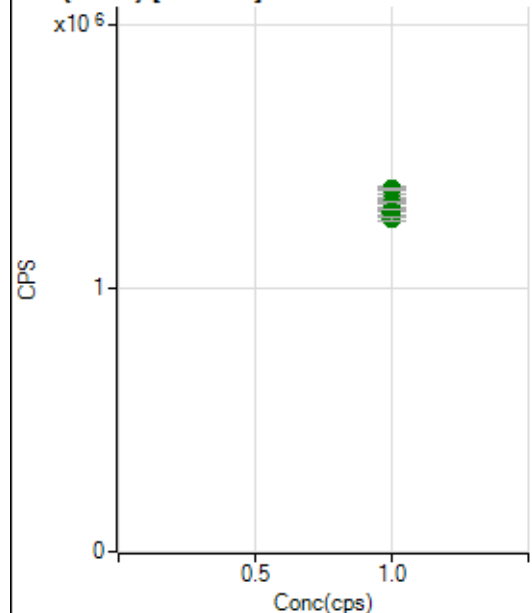
$$R = 0.9999$$

$$DL = 0.0003831$$

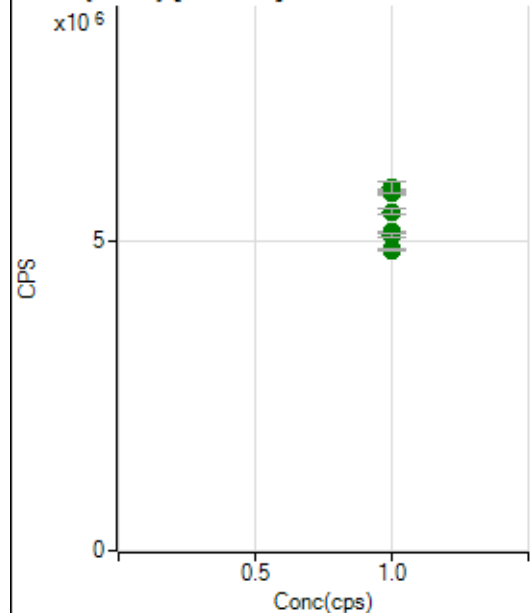
$$BEC = 0.0008681$$

Weight: <None>

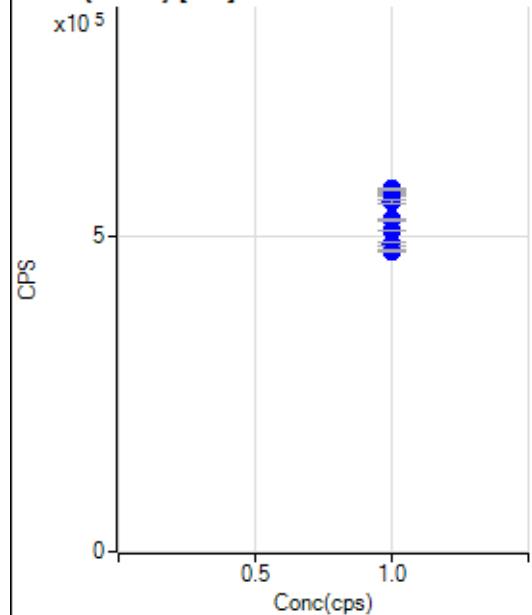
Min Conc: 0

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

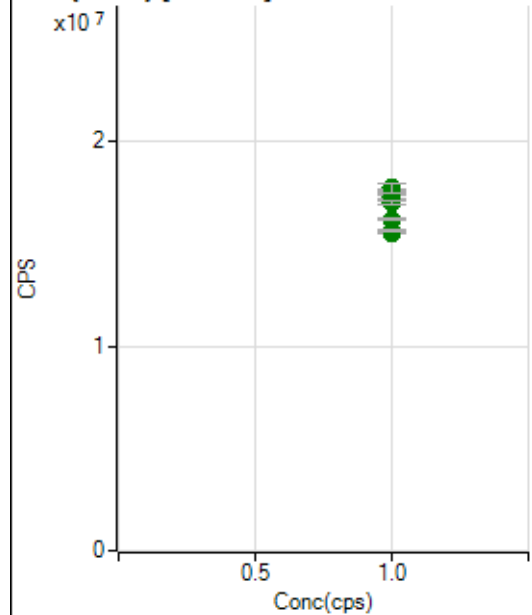
|   | Rjct                     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1289378.27 |       | A    | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1301194.06 |       | A    | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1337906.06 |       | A    | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1376398.99 |       | A    | 1.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1379076.51 |       | A    | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1338764.27 |       | A    | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1326459.19 |       | A    | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1293003.81 |       | A    | 1.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1263241.93 |       | A    | 1.5 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5780125.54 |       | A    | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5808312.49 |       | A    | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5825227.21 |       | A    | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5863200.68 |       | A    | 3.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5484990.82 |       | A    | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5159613.78 |       | A    | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4854542.95 |       | A    | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4868155.27 |       | A    | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5104767.63 |       | A    | 1.0 |

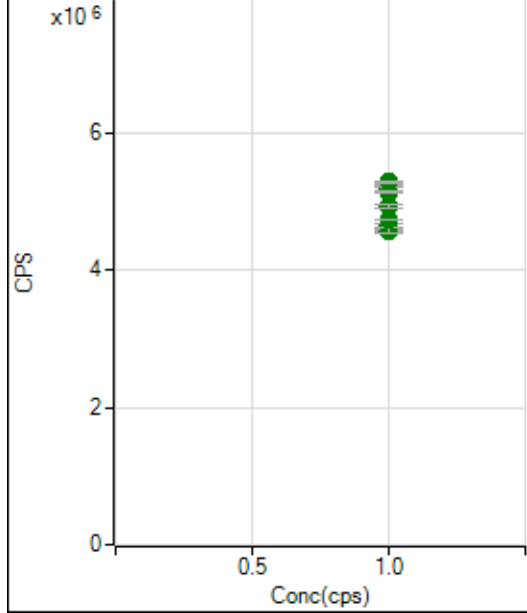
**45 Sc (ISTD) [He]**

|   | Rjct                     | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 565715.91 |       | P    | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 569442.33 |       | P    | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 574831.44 |       | P    | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 554170.62 |       | P    | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 525693.21 |       | P    | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 486858.73 |       | P    | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 474355.33 |       | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 476588.73 |       | P    | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 508715.15 |       | P    | 0.5 |

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

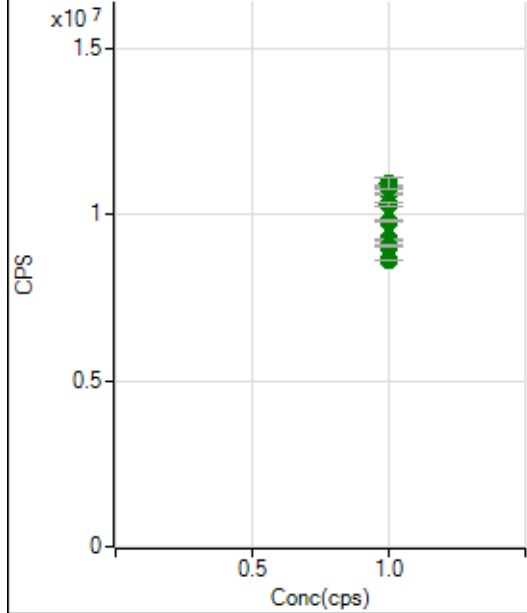
|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17292188.63 |       | A    | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17505320.99 |       | A    | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 17662390.57 |       | A    | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17726952.10 |       | A    | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17007305.72 |       | A    | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16182299.34 |       | A    | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15617945.88 |       | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15544114.49 |       | A    | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 15625944.76 |       | A    | 0.5 |

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

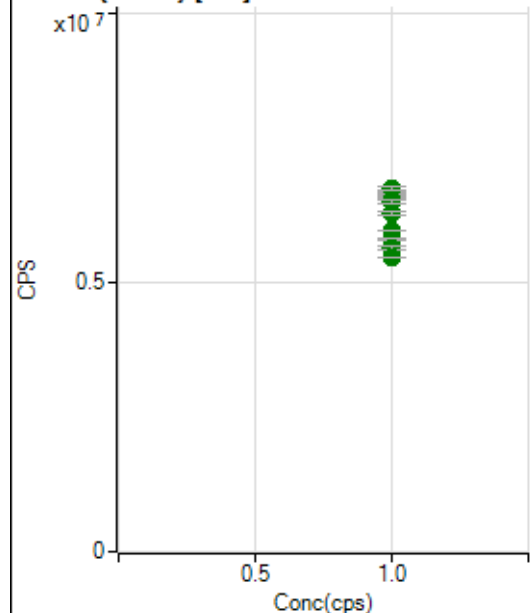


|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5181324.40 |       | A   | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5234680.79 |       | A   | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5285700.68 |       | A   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5136722.04 |       | A   | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4928583.61 |       | A   | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4646754.58 |       | A   | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4580698.89 |       | A   | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4578775.24 |       | A   | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4737236.15 |       | A   | 0.2 |

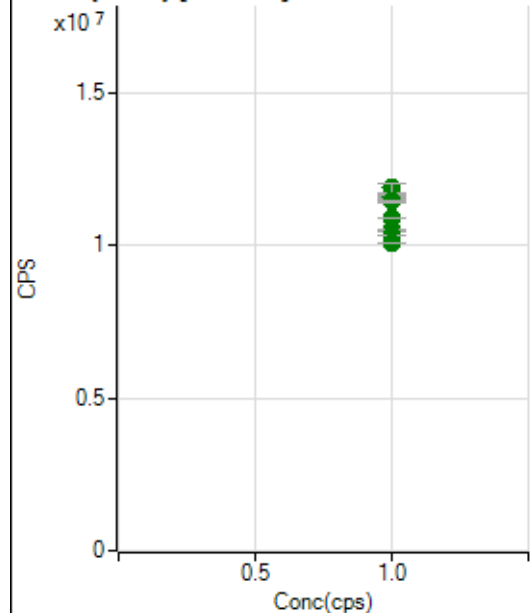
**103 Rh(ISTD) [No Gas]**



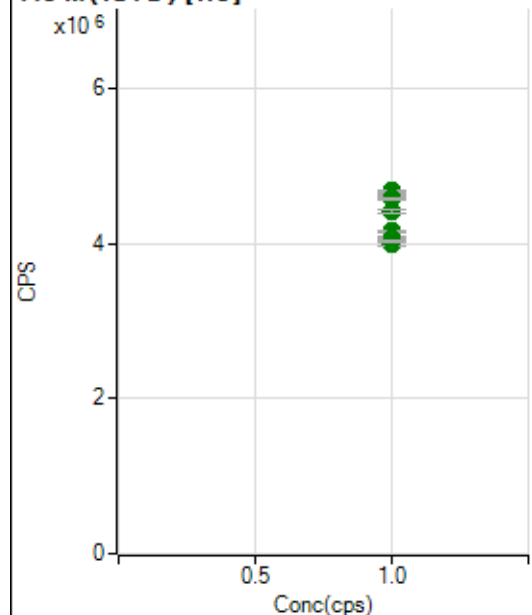
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10608338.59 |       | A   | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10795689.70 |       | A   | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10791589.98 |       | A   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10905720.39 |       | A   | 3.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10269298.81 |       | A   | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9778343.05  |       | A   | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9230781.04  |       | A   | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9026592.29  |       | A   | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8604775.50  |       | A   | 0.2 |

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

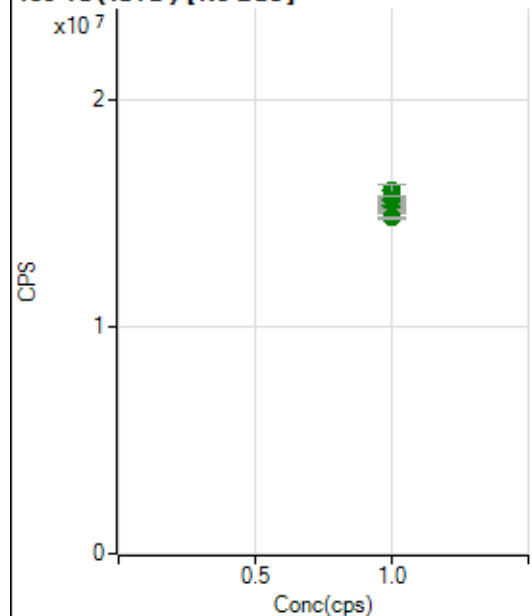
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6585451.29 |       | A   | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6662298.44 |       | A   | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6732028.03 |       | A   | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6497708.72 |       | A   | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6272764.28 |       | A   | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5953971.71 |       | A   | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5790651.16 |       | A   | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5644822.90 |       | A   | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5453664.36 |       | A   | 0.0 |

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

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11578827.71 |       | A   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11604777.05 |       | A   | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11686677.99 |       | A   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11883096.09 |       | A   | 2.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11451327.74 |       | A   | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10888764.90 |       | A   | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10507974.25 |       | A   | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10322397.70 |       | A   | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10072004.21 |       | A   | 0.4 |

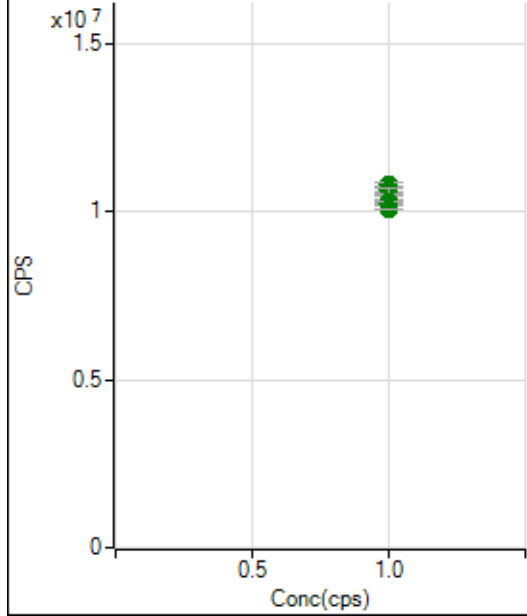
**115 In (ISTD) [He]**

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4580435.68 |       | A    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4622834.54 |       | A    | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4676233.38 |       | A    | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4576035.59 |       | A    | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4409859.12 |       | A    | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4157673.87 |       | A    | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4073940.59 |       | A    | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3984591.76 |       | A    | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4030677.35 |       | A    | 0.4 |

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

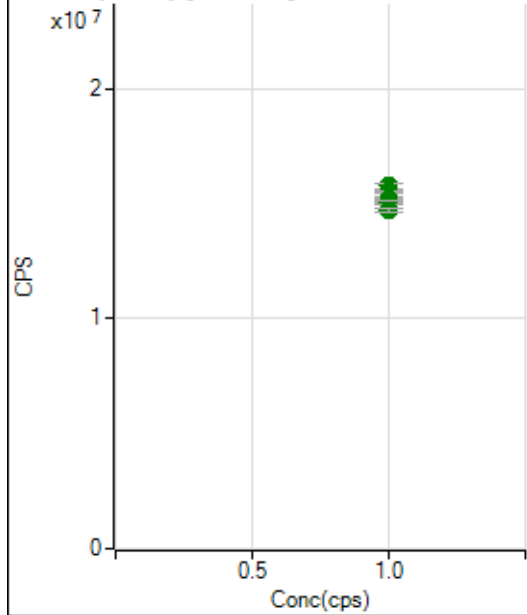
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15268911.58 |       | A    | 0.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 15393021.30 |       | A    | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 15605864.90 |       | A    | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15988865.73 |       | A    | 3.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15635626.57 |       | A    | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15326037.55 |       | A    | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15100500.75 |       | A    | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15137892.00 |       | A    | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14799323.81 |       | A    | 0.8 |

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



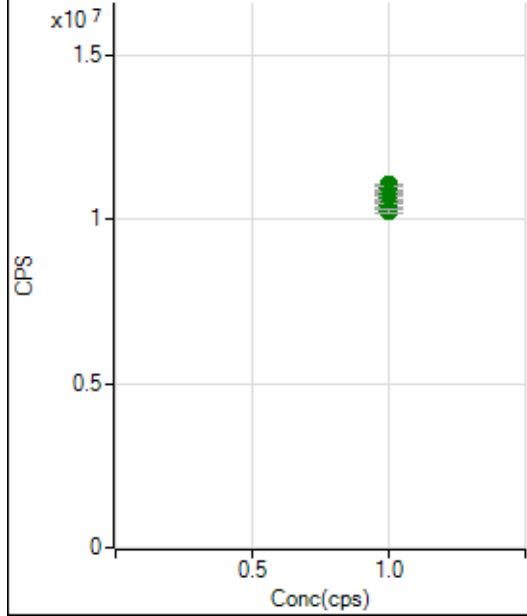
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10507978.38 |       | A   | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10620671.58 |       | A   | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10711733.73 |       | A   | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10782347.82 |       | A   | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10615720.61 |       | A   | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10310106.17 |       | A   | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10291874.01 |       | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10219713.88 |       | A   | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10047065.61 |       | A   | 0.3 |

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



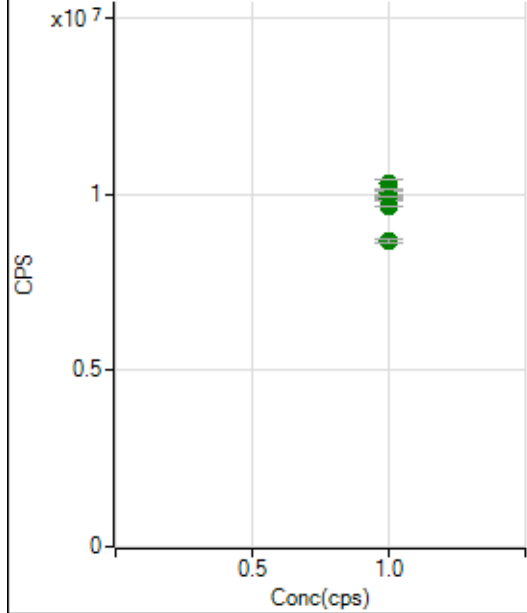
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15121673.52 |       | A   | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 15205258.52 |       | A   | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 15492379.22 |       | A   | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15755766.02 |       | A   | 1.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15505875.88 |       | A   | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15239940.33 |       | A   | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15096421.58 |       | A   | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15036176.16 |       | A   | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14699739.78 |       | A   | 1.1 |

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

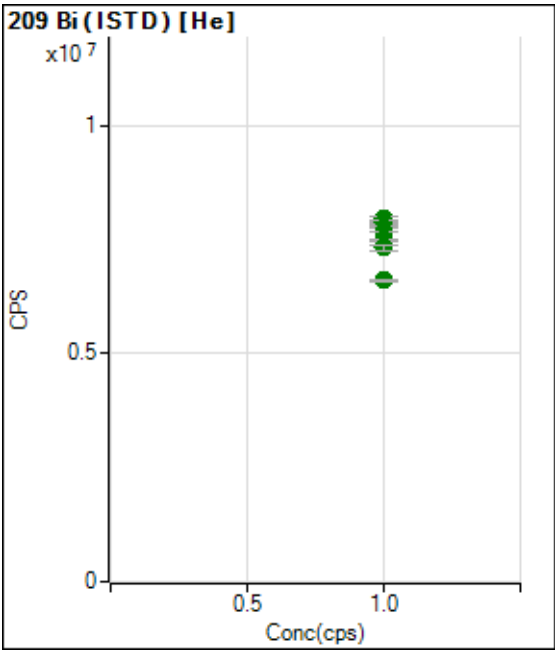


|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10734146.44 |       | A   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10832498.59 |       | A   | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11064063.59 |       | A   | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10964440.11 |       | A   | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10772482.13 |       | A   | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10680509.42 |       | A   | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10561511.86 |       | A   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10446829.01 |       | A   | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10262025.82 |       | A   | 0.9 |

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



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9850423.53  |       | A   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9880600.90  |       | A   | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10045522.07 |       | A   | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10288245.40 |       | A   | 2.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10115991.59 |       | A   | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9872928.19  |       | A   | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9859303.26  |       | A   | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9655921.52  |       | A   | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8661746.19  |       | A   | 1.2 |



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7786261.83 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7794447.66 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7958862.38 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7897127.11 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7773628.70 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7679461.35 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7489704.47 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7321626.77 |       | A        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6602475.04 |       | A        | 0.4 |

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7010925MS1.b

Acq. Date-Time 2025-01-09 12:57:27

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

| Mass | Conc. [ug/l] | Count  | CPS        | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%   | RSD% (Required) |
|------|--------------|--------|------------|----------------------------|-------------|--------|-----------------|
| 9    |              | 6187   | 61871.80   |                            |             | 0.372  | 5.000           |
| 24   |              | 178179 | 1781790.70 |                            |             | 0.649  | 5.000           |
| 25   |              | 22078  | 220784.86  |                            |             | 0.151  | 5.000           |
| 26   |              | 25219  | 252190.71  |                            |             | 0.252  | 5.000           |
| 59   |              | 73018  | 730180.55  |                            |             | 0.344  | 5.000           |
| 113  |              | 11501  | 115007.77  |                            |             | 0.803  | 5.000           |
| 115  |              | 146806 | 1468061.06 |                            |             | 1.115  | 5.000           |
| 206  |              | 35989  | 359888.34  |                            |             | 0.319  | 5.000           |
| 207  |              | 31410  | 314099.95  |                            |             | 0.355  | 5.000           |
| 208  |              | 75138  | 751376.83  |                            |             | 0.386  | 5.000           |
| 220  |              | 0      | 1.70       |                            |             | 33.535 |                 |

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

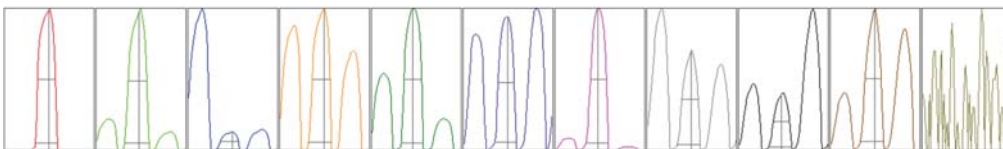
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 9    | 6206        | 6178        | 6159        | 6177        | 6215        |
| 24   | 177784      | 178385      | 180093      | 177283      | 177351      |
| 25   | 22108       | 22087       | 22085       | 22021       | 22091       |
| 26   | 25167       | 25237       | 25313       | 25154       | 25224       |
| 59   | 73084       | 73274       | 73139       | 72985       | 72609       |
| 113  | 11621       | 11546       | 11503       | 11458       | 11376       |
| 115  | 148811      | 147943      | 146010      | 146637      | 144630      |
| 206  | 35915       | 36065       | 36030       | 36106       | 35828       |
| 207  | 31490       | 31403       | 31469       | 31469       | 31219       |
| 208  | 75161       | 75521       | 75132       | 75170       | 74705       |

# US EPA Tune Check Report

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

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 10992.18    | 9.00   | 8.90 - 9.10     |             |
| 24   | 302803.86   | 23.95  | 23.90 - 24.10   |             |
| 25   | 38520.83    | 25.00  | 24.90 - 25.10   |             |
| 26   | 43833.21    | 26.00  | 25.90 - 26.10   |             |
| 59   | 127393.96   | 58.90  | 58.90 - 59.10   |             |
| 113  | 22113.18    | 113.00 | 112.90 - 113.10 |             |
| 115  | 281756.27   | 114.95 | 114.90 - 115.10 |             |
| 206  | 69687.56    | 206.00 | 205.90 - 206.10 |             |
| 207  | 59042.40    | 206.95 | 206.90 - 207.10 |             |
| 208  | 147361.20   | 208.00 | 207.90 - 208.10 |             |
| 220  |             |        | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.59  | 0.737 | 0.900           |             |
| 24   | 0.63  | 0.822 | 0.900           |             |
| 25   | 0.61  | 0.740 | 0.900           |             |
| 26   | 0.61  | 0.769 | 0.900           |             |
| 59   | 0.60  | 0.739 | 0.900           |             |
| 113  | 0.53  | 0.733 | 0.900           |             |
| 115  | 0.52  | 0.748 | 0.900           |             |
| 206  | 0.54  | 0.769 | 0.900           |             |
| 207  | 0.54  | 0.776 | 0.900           |             |
| 208  | 0.53  | 0.780 | 0.900           |             |
| 220  |       |       |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

|              |        |                |          |               |            |
|--------------|--------|----------------|----------|---------------|------------|
| RF Power     | 1600 W | Option Gas     | ---      | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.80 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  | 0.0 V    | Omega Lens    | 9.1 V | Deflect    | 14.6 V |
| Extract 2  | -150.0 V | Cell Entrance | -30 V | Plate Bias | -35 V  |
| Omega Bias | -70 V    | Cell Exit     | -50 V |            |        |

## Cell Parameters

|         |            |              |        |                       |       |
|---------|------------|--------------|--------|-----------------------|-------|
| Use Gas | No         | 3rd Gas Flow | ---    | Energy Discrimination | 5.0 V |
| He Flow | 0.0 mL/min | OctP Bias    | -8.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 160 V  |                       |       |

## QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 138 | Axis Gain   | 0.9976 | QP Bias | -3.0 V |
| Mass Offset | 130 | Axis Offset | 0.10   |         |        |

## Hardware Settings

### Torch

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

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.9 mV | Analog HV | 2264 V | Pulse HV | 1060 V |
|---------------|--------|-----------|--------|----------|--------|

## [He]

### Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 26039 | 260385.52 |                            |             | 0.429 |                 |
| 89   |              | 49519 | 495186.50 |                            |             | 0.802 |                 |
| 205  |              | 35475 | 354749.72 |                            |             | 0.543 |                 |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 26214       | 25985       | 26068       | 25917       | 26009       |
| 89   | 50050       | 49698       | 49512       | 48982       | 49350       |
| 205  | 35734       | 35472       | 35412       | 35550       | 35207       |

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

|              |        |                |            |               |            |
|--------------|--------|----------------|------------|---------------|------------|
| Plasma Mode  | ---    | Nebulizer Gas  | 0.82 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 | 0.0 V | Omega Lens | 8.9 V | Deflect | 2.8 V |
|-----------|-------|------------|-------|---------|-------|

# US EPA Tune Check Report

|                   |            |               |         |                       |         |
|-------------------|------------|---------------|---------|-----------------------|---------|
| Extract 2         | -145.0 V   | Cell Entrance | -40 V   | Plate Bias            | -60 V   |
| Omega Bias        | -70 V      | Cell Exit     | -60 V   |                       |         |
| Cell Parameters   |            |               |         |                       |         |
| Use Gas           | Yes        | 3rd Gas Flow  | ---     | Energy Discrimination | 5.0 V   |
| He Flow           | 3.9 mL/min | OctP Bias     | -18.0 V |                       |         |
| H2 Flow           | ---        | OctP RF       | 200 V   |                       |         |
| QP Parameters     |            |               |         |                       |         |
| Mass Gain         | 138        | Axis Gain     | 0.9976  | QP Bias               | -13.0 V |
| Mass Offset       | 130        | Axis Offset   | 0.10    |                       |         |
| Hardware Settings |            |               |         |                       |         |
| Torch             |            |               |         |                       |         |
| Torch H           | 0.3 mm     | Torch V       | 0.4 mm  |                       |         |
| EM                |            |               |         |                       |         |
| Discriminator     | 4.9 mV     | Analog HV     | 2264 V  | Pulse HV              | 1060 V  |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.09    | -0.14   | 0.04    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.07    | -0.01   | -0.06   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.12    | -0.24   | 0.11    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.33   | 0.06    | 0.26    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.32   | 0.58    | -0.25   | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.02    | 0.01    | -0.02   | 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   | 0.02    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | -0.03   | -0.04   | 0.07    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.08   | -0.39   | 0.47    | 0.00       | N/A     | ppb   |
| Iron       | 54-2  | -0.45   | -0.32   | 0.78    | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| 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  | -0.12   | 0.13    | 0.00    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -12.09  | -9.70   | -16.12  | -12.63     |         | ppb   |
| Potassium  | 39-2  | -0.44   | -1.10   | 1.54    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.22    | -0.11   | -0.11   | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.14    | 0.09    | -0.23   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.15    | 0.15    | -0.30   | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 0.27    | -0.30   | 0.03    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.39    | -0.15   | -0.24   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -24.71  | 72.87   | -26.27  | 7.30       | 778.46  | 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    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | -0.07   | 0.04    | 0.03    | 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 : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.62    | 2.69    | 2.87    | 2.73       | 4.75    | ppb   |
| Antimony   | 121-1 | 0.23    | 0.23    | 0.23    | 0.23       | 0.75    | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.08    | 0.08    | 0.08       | 3.53    | ppb   |
| Barium     | 135-1 | 1.07    | 1.06    | 1.05    | 1.06       | 0.63    | ppb   |
| Barium     | 137-1 | 1.06    | 1.03    | 1.04    | 1.04       | 1.26    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.13    | 0.14    | 0.12       | 18.62   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.03    | -0.04   | 0.17    | 0.05       | 208.53  | ppb   |
| Cadmium    | 106-1 | -1.55   | -0.33   | 1.47    | -0.14      |         | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.10    | 0.23    | 0.10       | 118.47  | ppb   |
| Calcium    | 43-1  | 54.46   | 64.45   | 55.62   | 58.18      | 9.39    | ppb   |
| Calcium    | 44-1  | 55.58   | 57.32   | 58.32   | 57.07      | 2.43    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.28    | 0.23    | 0.26    | 0.25       | 8.81    | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.12    | 0.11    | 0.11       | 6.01    | ppb   |
| Copper     | 63-2  | 0.22    | 0.20    | 0.18    | 0.20       | 9.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 6.57    | 5.73    | 5.71    | 6.00       | 8.14    | ppb   |
| Iron       | 57-2  | 6.28    | 6.49    | 6.31    | 6.36       | 1.76    | ppb   |
| Iron       | 54-2  | 5.97    | 5.80    | 5.72    | 5.83       | 2.19    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 0.09     | 0.10     | 0.11     | 0.10       | 11.44   | ppb   |
| Lead       | 207-1 | 0.09     | 0.08     | 0.09     | 0.09       | 3.52    | ppb   |
| Lead       | 208-1 | 0.10     | 0.10     | 0.10     | 0.10       | 1.54    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 55.02    | 54.34    | 55.55    | 54.97      | 1.10    | ppb   |
| Manganese  | 55-2  | 0.12     | 0.12     | 0.11     | 0.12       | 4.18    | ppb   |
| Molybdenum | 94-1  | 0.59     | 0.56     | 0.58     | 0.58       | 1.83    | ppb   |
| Molybdenum | 95-1  | 0.50     | 0.52     | 0.51     | 0.51       | 1.99    | ppb   |
| Molybdenum | 96-1  | 0.55     | 0.49     | 0.53     | 0.52       | 5.61    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.52     | 0.54     | 0.53       | 1.90    | ppb   |
| Molybdenum | 98-1  | 0.48     | 0.50     | 0.54     | 0.51       | 6.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.08     | 0.03     | 0.12     | 0.07       | 62.67   | ppb   |
| Phosphorus | 31-2  | -13.04   | -9.20    | -9.78    | -10.68     |         | ppb   |
| Potassium  | 39-2  | 53.75    | 51.91    | 52.21    | 52.62      | 1.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 82-1  | Rejected | Rejected | Rejected |            |         | ppb   |
| Selenium   | 77-2  | 0.70     | 0.69     | 0.87     | 0.75       | 13.34   | ppb   |
| Selenium   | 78-2  | 2.23     | 2.32     | 0.18     | 1.57       | 76.87   | ppb   |
| Silicon    | 28-1  | 0.17     | 0.23     | 0.37     | 0.25       | 40.50   | ppb   |
| Silver     | 107-1 | 0.11     | 0.11     | 0.11     | 0.11       | 3.22    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.10     | 0.11       | 4.24    | ppb   |
| Sodium     | 23-2  | 50.40    | 49.34    | 49.92    | 49.89      | 1.06    | ppb   |
| Strontium  | 86-1  | 2.44     | 1.98     | 2.50     | 2.31       | 12.42   | ppb   |
| Strontium  | 88-1  | 2.54     | 2.65     | 2.61     | 2.60       | 2.11    | ppb   |
| Sulfur     | 34-1  | -89.05   | -50.58   | -40.43   | -60.02     |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.09     | 0.09     | 0.09       | 3.40    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.09     | 0.09     | 0.09       | 3.51    | ppb   |
| Tin        | 118-1 | 0.57     | 0.56     | 0.56     | 0.56       | 1.25    | ppb   |
| Titanium   | 47-1  | 0.51     | 0.61     | 0.50     | 0.54       | 11.67   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|-----------|-------|----------|----------|----------|------------|---------|-------|
| Uranium   | 238-1 | 0.09     | 0.08     | 0.09     | 0.09       | 2.07    | ppb   |
| Vanadium  | 51-2  | 0.52     | 0.51     | 0.55     | 0.53       | 4.48    | ppb   |
| Yttrium   | 89-1  |          |          |          | 101        |         | %     |
| Yttrium   | 89-2  |          |          |          | 101        |         | %     |
| Zinc      | 66-2  | Rejected | Rejected | Rejected |            |         | ppb   |
| Zirconium | 90-1  | 0.10     | 0.10     | 0.10     | 0.10       | 1.00    | ppb   |
| Zirconium | 91-1  | 0.10     | 0.10     | 0.12     | 0.11       | 8.46    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.89   | 21.08   | 20.59   | 21.19      | 3.10    | ppb   |
| Antimony   | 121-1 | 2.16    | 2.20    | 2.24    | 2.20       | 1.72    | ppb   |
| Arsenic    | 75-2  | 1.14    | 1.07    | 1.20    | 1.14       | 5.64    | ppb   |
| Barium     | 135-1 | 10.54   | 10.50   | 10.45   | 10.50      | 0.43    | ppb   |
| Barium     | 137-1 | 10.60   | 10.28   | 10.49   | 10.46      | 1.55    | ppb   |
| Beryllium  | 9-1   | 1.21    | 1.17    | 1.17    | 1.18       | 2.22    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 1.09    | 1.08    | 1.07    | 1.08       | 1.03    | ppb   |
| Cadmium    | 106-1 | 1.98    | 2.18    | 0.94    | 1.70       | 39.25   | ppb   |
| Cadmium    | 111-1 | 1.23    | 1.22    | 1.21    | 1.22       | 0.80    | ppb   |
| Calcium    | 43-1  | 552.92  | 550.20  | 532.21  | 545.11     | 2.06    | ppb   |
| Calcium    | 44-1  | 553.42  | 544.97  | 556.56  | 551.65     | 1.09    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.14    | 2.17    | 2.15    | 2.15       | 0.66    | ppb   |
| Cobalt     | 59-2  | 1.07    | 1.12    | 1.12    | 1.10       | 2.58    | ppb   |
| Copper     | 63-2  | 2.04    | 2.02    | 2.00    | 2.02       | 1.10    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 56.80   | 56.74   | 56.04   | 56.53      | 0.75    | ppb   |
| Iron       | 57-2  | 59.12   | 58.19   | 59.87   | 59.06      | 1.43    | ppb   |
| Iron       | 54-2  | 59.55   | 57.88   | 57.78   | 58.40      | 1.70    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.94    | 0.94    | 0.96    | 0.95       | 0.89    | ppb   |
| Lead       | 207-1 | 0.98    | 0.94    | 0.93    | 0.95       | 2.74    | ppb   |
| Lead       | 208-1 | 0.95    | 0.94    | 0.94    | 0.94       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 541.06  | 532.94  | 538.98  | 537.66     | 0.79    | ppb   |
| Manganese  | 55-2  | 1.07    | 1.07    | 1.00    | 1.05       | 3.79    | ppb   |
| Molybdenum | 94-1  | 6.15    | 6.17    | 5.94    | 6.08       | 2.13    | ppb   |
| Molybdenum | 95-1  | 5.06    | 5.12    | 5.08    | 5.09       | 0.60    | ppb   |
| Molybdenum | 96-1  | 5.17    | 5.28    | 5.18    | 5.21       | 1.17    | ppb   |
| Molybdenum | 97-1  | 5.27    | 5.13    | 5.06    | 5.15       | 2.06    | ppb   |
| Molybdenum | 98-1  | 5.13    | 5.18    | 5.12    | 5.15       | 0.64    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.07    | 1.08    | 1.04    | 1.06       | 2.20    | ppb   |
| Phosphorus | 31-2  | 27.53   | 12.13   | 30.27   | 23.31      | 41.94   | ppb   |
| Potassium  | 39-2  | 527.97  | 531.42  | 531.14  | 530.18     | 0.36    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 82-1  | 4.84    | 5.75    | 5.23    | 5.27       | 8.67    | ppb   |
| Selenium   | 77-2  | 6.03    | 4.49    | 4.59    | 5.04       | 17.01   | ppb   |
| Selenium   | 78-2  | 6.29    | 5.98    | 5.44    | 5.90       | 7.36    | ppb   |
| Silicon    | 28-1  | 0.56    | -0.32   | 0.37    | 0.20       | 231.52  | ppb   |
| Silver     | 107-1 | 1.07    | 1.09    | 1.06    | 1.07       | 1.51    | ppb   |
| Silver     | 109-1 | 1.09    | 1.06    | 1.11    | 1.09       | 2.28    | ppb   |
| Sodium     | 23-2  | 499.43  | 500.15  | 501.14  | 500.24     | 0.17    | ppb   |
| Strontium  | 86-1  | 25.39   | 24.16   | 26.45   | 25.33      | 4.52    | ppb   |
| Strontium  | 88-1  | 26.22   | 25.64   | 25.51   | 25.79      | 1.48    | ppb   |
| Sulfur     | 34-1  | 89.22   | 12.52   | 56.43   | 52.73      | 73.00   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.94    | 0.93    | 0.95    | 0.94       | 1.56    | ppb   |
| Thallium   | 205-1 | 0.94    | 0.95    | 0.97    | 0.95       | 1.47    | ppb   |
| Tin        | 118-1 | 5.47    | 5.38    | 5.58    | 5.48       | 1.87    | ppb   |
| Titanium   | 47-1  | 5.02    | 5.51    | 5.52    | 5.35       | 5.38    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.89    | 0.89    | 0.90    | 0.89       | 0.84    | ppb   |
| Vanadium  | 51-2  | 5.28    | 5.32    | 5.11    | 5.24       | 2.16    | ppb   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 5.33    | 5.21    | 5.46    | 5.33       | 2.30    | ppb   |
| Zirconium | 90-1  | 1.02    | 1.03    | 1.02    | 1.03       | 0.03    | ppb   |
| Zirconium | 91-1  | 0.96    | 1.05    | 1.06    | 1.02       | 5.43    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 976.16  | 985.14  | 994.03  | 985.11     | 0.91    | ppb   |
| Antimony   | 121-1 | 48.40   | 51.72   | 52.77   | 50.96      | 4.47    | ppb   |
| Arsenic    | 75-2  | 53.48   | 52.93   | 52.44   | 52.95      | 0.98    | ppb   |
| Barium     | 135-1 | 235.20  | 252.10  | 254.00  | 247.10     | 4.19    | ppb   |
| Barium     | 137-1 | 235.45  | 253.15  | 254.73  | 247.78     | 4.32    | ppb   |
| Beryllium  | 9-1   | 51.91   | 54.87   | 55.12   | 53.97      | 3.31    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 52.18   | 56.67   | 58.00   | 55.62      | 5.49    | ppb   |
| Cadmium    | 106-1 | 54.08   | 55.27   | 53.91   | 54.42      | 1.36    | ppb   |
| Cadmium    | 111-1 | 51.71   | 54.64   | 54.90   | 53.75      | 3.30    | ppb   |
| Calcium    | 43-1  | 4986.61 | 5349.17 | 5252.35 | 5196.04    | 3.61    | ppb   |
| Calcium    | 44-1  | 4888.17 | 5136.46 | 5124.44 | 5049.69    | 2.77    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 50.82   | 50.78   | 51.02   | 50.87      | 0.26    | ppb   |
| Cobalt     | 59-2  | 51.05   | 50.81   | 50.94   | 50.93      | 0.23    | ppb   |
| Copper     | 63-2  | 531.33  | 524.25  | 528.24  | 527.94     | 0.67    | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2647.41 | 2677.40 | 2719.42 | 2681.41    | 1.35    | ppb   |
| Iron       | 57-2  | 2703.11 | 2705.52 | 2729.57 | 2712.73    | 0.54    | ppb   |
| Iron       | 54-2  | 2767.22 | 2756.14 | 2789.27 | 2770.88    | 0.61    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 231.16  | 247.92  | 246.83  | 241.97     | 3.88    | ppb   |
| Lead       | 207-1 | 233.69  | 251.37  | 249.21  | 244.76     | 3.94    | ppb   |
| Lead       | 208-1 | 232.50  | 247.49  | 247.79  | 242.59     | 3.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 5111.81 | 5015.72 | 5112.08 | 5079.87    | 1.09    | ppb   |
| Manganese  | 55-2  | 500.01  | 505.48  | 510.28  | 505.26     | 1.02    | ppb   |
| Molybdenum | 94-1  | 479.10  | 503.79  | 512.40  | 498.43     | 3.47    | ppb   |
| Molybdenum | 95-1  | 477.22  | 504.51  | 513.70  | 498.48     | 3.81    | ppb   |
| Molybdenum | 96-1  | 477.99  | 508.09  | 511.46  | 499.18     | 3.69    | ppb   |
| Molybdenum | 97-1  | 475.87  | 500.60  | 511.28  | 495.92     | 3.66    | ppb   |
| Molybdenum | 98-1  | 474.99  | 503.07  | 510.24  | 496.10     | 3.76    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.68   | 53.34   | 53.75   | 53.26      | 1.01    | ppb   |
| Phosphorus | 31-2  | 1050.75 | 1027.74 | 1043.63 | 1040.71    | 1.13    | ppb   |
| Potassium  | 39-2  | 2531.42 | 2538.76 | 2515.61 | 2528.60    | 0.47    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 51.19   | 54.62   | 54.14   | 53.32      | 3.48    | ppb   |
| Selenium   | 77-2  | 55.77   | 54.38   | 48.54   | 52.90      | 7.25    | ppb   |
| Selenium   | 78-2  | 59.59   | 53.84   | 55.18   | 56.20      | 5.35    | ppb   |
| Silicon    | 28-1  | 49.11   | 53.80   | 53.09   | 52.00      | 4.86    | ppb   |
| Silver     | 107-1 | 52.13   | 56.12   | 56.47   | 54.91      | 4.39    | ppb   |
| Silver     | 109-1 | 52.09   | 56.03   | 56.22   | 54.78      | 4.25    | ppb   |
| Sodium     | 23-2  | 5126.44 | 5009.50 | 5150.37 | 5095.44    | 1.48    | ppb   |
| Strontium  | 86-1  | 1160.65 | 1222.32 | 1255.04 | 1212.67    | 3.95    | ppb   |
| Strontium  | 88-1  | 1182.65 | 1255.07 | 1272.76 | 1236.83    | 3.86    | ppb   |
| Sulfur     | 34-1  | 807.34  | 1051.82 | 1013.14 | 957.43     | 13.73   | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 44.43   | 47.66   | 47.18   | 46.43      | 3.75    | ppb   |
| Thallium   | 205-1 | 43.68   | 46.99   | 46.42   | 45.70      | 3.87    | ppb   |
| Tin        | 118-1 | 48.93   | 52.20   | 52.91   | 51.35      | 4.13    | ppb   |
| Titanium   | 47-1  | 477.58  | 513.32  | 507.71  | 499.54     | 3.85    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 43.32   | 47.30   | 46.90   | 45.84      | 4.78    | ppb   |
| Vanadium  | 51-2  | 49.38   | 50.17   | 50.34   | 49.96      | 1.02    | ppb   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 510.14  | 512.79  | 516.48  | 513.14     | 0.62    | ppb   |
| Zirconium | 90-1  | 46.65   | 49.68   | 50.07   | 48.80      | 3.83    | ppb   |
| Zirconium | 91-1  | 46.73   | 49.77   | 50.48   | 48.99      | 4.07    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2365.59  | 2375.68  | 2398.19  | 2379.82    | 0.70    | ppb   |
| Antimony   | 121-1 | 124.96   | 124.34   | 126.38   | 125.22     | 0.84    | ppb   |
| Arsenic    | 75-2  | 125.52   | 125.78   | 129.92   | 127.08     | 1.94    | ppb   |
| Barium     | 135-1 | 629.53   | 629.20   | 638.09   | 632.27     | 0.80    | ppb   |
| Barium     | 137-1 | 631.70   | 632.76   | 643.91   | 636.13     | 1.06    | ppb   |
| Beryllium  | 9-1   | 128.51   | 128.40   | 130.01   | 128.97     | 0.70    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 136.72   | 136.85   | 135.63   | 136.40     | 0.49    | ppb   |
| Cadmium    | 106-1 | 136.22   | 132.05   | 131.49   | 133.25     | 1.94    | ppb   |
| Cadmium    | 111-1 | 130.30   | 129.63   | 132.38   | 130.77     | 1.10    | ppb   |
| Calcium    | 43-1  | 12715.98 | 12971.45 | 13072.02 | 12919.82   | 1.42    | ppb   |
| Calcium    | 44-1  | 12410.86 | 12508.51 | 12563.47 | 12494.28   | 0.62    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 122.35   | 121.82   | 122.94   | 122.37     | 0.46    | ppb   |
| Cobalt     | 59-2  | 122.44   | 121.55   | 123.60   | 122.53     | 0.84    | ppb   |
| Copper     | 63-2  | 1266.24  | 1271.35  | 1276.67  | 1271.42    | 0.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 6454.81  | 6432.20  | 6568.27  | 6485.09    | 1.12    | ppb   |
| Iron       | 57-2  | 6597.01  | 6561.71  | 6612.97  | 6590.56    | 0.40    | ppb   |
| Iron       | 54-2  | 6485.84  | 6702.45  | 6754.14  | 6647.48    | 2.14    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 609.67   | 603.98   | 620.77   | 611.47     | 1.40    | ppb   |
| Lead       | 207-1 | 606.72   | 609.95   | 618.14   | 611.60     | 0.96    | ppb   |
| Lead       | 208-1 | 601.85   | 605.07   | 615.99   | 607.64     | 1.22    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 12205.18 | 12208.04 | 12250.00 | 12221.07   | 0.21    | ppb   |
| Manganese  | 55-2  | 1208.61  | 1219.50  | 1238.28  | 1222.13    | 1.23    | ppb   |
| Molybdenum | 94-1  | 1214.14  | 1245.98  | 1233.04  | 1231.06    | 1.30    | ppb   |
| Molybdenum | 95-1  | 1213.15  | 1240.53  | 1241.72  | 1231.80    | 1.31    | ppb   |
| Molybdenum | 96-1  | 1204.82  | 1245.49  | 1250.48  | 1233.60    | 2.03    | ppb   |
| Molybdenum | 97-1  | 1198.57  | 1236.13  | 1240.76  | 1225.15    | 1.89    | ppb   |
| Molybdenum | 98-1  | 1213.03  | 1241.60  | 1235.79  | 1230.14    | 1.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 127.39   | 126.40   | 127.63   | 127.14     | 0.51    | ppb   |
| Phosphorus | 31-2  | 2521.06  | 2542.40  | 2557.53  | 2540.33    | 0.72    | ppb   |
| Potassium  | 39-2  | 6130.93  | 6063.15  | 6098.12  | 6097.40    | 0.56    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 82-1  | 128.16   | 130.25   | 131.22   | 129.87     | 1.20    | ppb   |
| Selenium   | 77-2  | 135.03   | 132.96   | 134.98   | 134.32     | 0.88    | ppb   |
| Selenium   | 78-2  | 131.45   | 127.50   | 133.09   | 130.68     | 2.20    | ppb   |
| Silicon    | 28-1  | 128.12   | 130.47   | 130.02   | 129.54     | 0.96    | ppb   |
| Silver     | 107-1 | 135.06   | 131.85   | 134.77   | 133.89     | 1.33    | ppb   |
| Silver     | 109-1 | 134.37   | 134.09   | 135.15   | 134.53     | 0.41    | ppb   |
| Sodium     | 23-2  | 12471.94 | 12443.68 | 12492.85 | 12469.49   | 0.20    | ppb   |
| Strontium  | 86-1  | 2930.48  | 3011.29  | 3030.06  | 2990.61    | 1.77    | ppb   |
| Strontium  | 88-1  | 3055.75  | 3092.30  | 3145.27  | 3097.77    | 1.45    | ppb   |
| Sulfur     | 34-1  | 2513.31  | 2583.50  | 2594.00  | 2563.60    | 1.71    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 112.97   | 114.95   | 117.04   | 114.99     | 1.77    | ppb   |
| Thallium   | 205-1 | 122.18   | 123.68   | 124.68   | 123.52     | 1.02    | ppb   |
| Tin        | 118-1 | 124.27   | 125.46   | 126.22   | 125.32     | 0.78    | ppb   |
| Titanium   | 47-1  | 1242.09  | 1245.52  | 1263.99  | 1250.54    | 0.94    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 116.45  | 117.76  | 119.45  | 117.89     | 1.27    | ppb   |
| Vanadium  | 51-2  | 120.32  | 120.74  | 121.66  | 120.91     | 0.57    | ppb   |
| Yttrium   | 89-1  |         |         |         | 98         |         | %     |
| Yttrium   | 89-2  |         |         |         | 95         |         | %     |
| Zinc      | 66-2  | 1245.58 | 1243.27 | 1256.54 | 1248.46    | 0.57    | ppb   |
| Zirconium | 90-1  | 121.86  | 124.38  | 123.10  | 123.11     | 1.02    | ppb   |
| Zirconium | 91-1  | 119.20  | 121.91  | 121.94  | 121.02     | 1.30    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5060.65  | 5100.66  | 5045.50  | 5068.94    | 0.56    | ppb   |
| Antimony   | 121-1 | 265.15   | 266.84   | 268.22   | 266.74     | 0.58    | ppb   |
| Arsenic    | 75-2  | 271.70   | 271.77   | 259.06   | 267.51     | 2.74    | ppb   |
| Barium     | 135-1 | 1313.44  | 1320.87  | 1337.76  | 1324.02    | 0.94    | ppb   |
| Barium     | 137-1 | 1311.61  | 1312.30  | 1299.16  | 1307.69    | 0.57    | ppb   |
| Beryllium  | 9-1   | 261.02   | 266.29   | 264.98   | 264.10     | 1.04    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 271.09   | 276.97   | 273.23   | 273.76     | 1.09    | ppb   |
| Cadmium    | 106-1 | 267.64   | 274.25   | 271.84   | 271.25     | 1.23    | ppb   |
| Cadmium    | 111-1 | 267.43   | 271.55   | 268.04   | 269.00     | 0.83    | ppb   |
| Calcium    | 43-1  | 27031.19 | 27604.03 | 26998.44 | 27211.22   | 1.25    | ppb   |
| Calcium    | 44-1  | 26078.47 | 26477.84 | 26226.28 | 26260.86   | 0.77    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 265.13   | 258.99   | 255.97   | 260.03     | 1.79    | ppb   |
| Cobalt     | 59-2  | 273.30   | 265.66   | 254.21   | 264.39     | 3.63    | ppb   |
| Copper     | 63-2  | 2753.88  | 2683.64  | 2606.46  | 2681.32    | 2.75    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 14256.08 | 13882.70 | 13436.40 | 13858.39   | 2.96    | ppb   |
| Iron       | 57-2  | 14401.62 | 14150.02 | 13744.38 | 14098.67   | 2.35    | ppb   |
| Iron       | 54-2  | 14565.28 | 13802.02 | 13655.77 | 14007.69   | 3.49    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 1310.36  | 1301.62  | 1298.12  | 1303.37    | 0.48    | ppb   |
| Lead       | 207-1 | 1297.11  | 1302.27  | 1288.00  | 1295.79    | 0.56    | ppb   |
| Lead       | 208-1 | 1292.52  | 1295.26  | 1289.42  | 1292.40    | 0.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 26639.70 | 26525.24 | 26026.03 | 26396.99   | 1.24    | ppb   |
| Manganese  | 55-2  | 2675.99  | 2610.53  | 2532.44  | 2606.32    | 2.76    | ppb   |
| Molybdenum | 94-1  | 2568.59  | 2613.08  | 2596.32  | 2592.66    | 0.87    | ppb   |
| Molybdenum | 95-1  | 2582.57  | 2627.53  | 2577.55  | 2595.89    | 1.06    | ppb   |
| Molybdenum | 96-1  | 2586.30  | 2598.32  | 2567.04  | 2583.89    | 0.61    | ppb   |
| Molybdenum | 97-1  | 2608.62  | 2600.05  | 2584.99  | 2597.89    | 0.46    | ppb   |
| Molybdenum | 98-1  | 2601.52  | 2607.83  | 2584.29  | 2597.88    | 0.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 278.11   | 271.52   | 265.06   | 271.56     | 2.40    | ppb   |
| Phosphorus | 31-2  | 5322.10  | 5343.07  | 5295.81  | 5320.33    | 0.45    | ppb   |
| Potassium  | 39-2  | 12868.40 | 12711.17 | 12780.98 | 12786.85   | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 89         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 82-1  | 267.52   | 272.24   | 270.82   | 270.19     | 0.90    | ppb   |
| Selenium   | 77-2  | 275.45   | 275.02   | 260.56   | 270.34     | 3.14    | ppb   |
| Selenium   | 78-2  | 267.05   | 267.14   | 264.63   | 266.28     | 0.54    | ppb   |
| Silicon    | 28-1  | 270.15   | 274.98   | 271.10   | 272.08     | 0.94    | ppb   |
| Silver     | 107-1 | 276.69   | 279.17   | 269.84   | 275.23     | 1.76    | ppb   |
| Silver     | 109-1 | 276.38   | 277.58   | 272.08   | 275.35     | 1.05    | ppb   |
| Sodium     | 23-2  | 27134.38 | 27085.10 | 26445.13 | 26888.20   | 1.43    | ppb   |
| Strontium  | 86-1  | 6284.87  | 6336.23  | 6318.63  | 6313.25    | 0.41    | ppb   |
| Strontium  | 88-1  | 6412.88  | 6597.15  | 6482.91  | 6497.64    | 1.43    | ppb   |
| Sulfur     | 34-1  | 5362.53  | 5427.93  | 5396.37  | 5395.61    | 0.61    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 261.72   | 263.55   | 257.17   | 260.81     | 1.26    | ppb   |
| Thallium   | 205-1 | 259.25   | 257.32   | 260.80   | 259.13     | 0.67    | ppb   |
| Tin        | 118-1 | 263.24   | 266.15   | 271.00   | 266.80     | 1.47    | ppb   |
| Titanium   | 47-1  | 2585.90  | 2625.43  | 2602.61  | 2604.64    | 0.76    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 249.35  | 255.48  | 255.17  | 253.33     | 1.36    | ppb   |
| Vanadium  | 51-2  | 259.71  | 253.44  | 253.84  | 255.66     | 1.37    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 90         |         | %     |
| Zinc      | 66-2  | 2754.89 | 2733.96 | 2621.23 | 2703.36    | 2.66    | ppb   |
| Zirconium | 90-1  | 255.01  | 261.29  | 260.17  | 258.83     | 1.29    | ppb   |
| Zirconium | 91-1  | 253.32  | 257.00  | 254.57  | 254.96     | 0.73    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10178.34 | 10157.24 | 10120.05 | 10151.88   | 0.29    | ppb   |
| Antimony   | 121-1 | 516.89   | 518.98   | 516.23   | 517.37     | 0.28    | ppb   |
| Arsenic    | 75-2  | 509.87   | 507.84   | 516.13   | 511.28     | 0.84    | ppb   |
| Barium     | 135-1 | 2565.06  | 2581.18  | 2521.80  | 2556.02    | 1.20    | ppb   |
| Barium     | 137-1 | 2575.12  | 2580.07  | 2559.28  | 2571.49    | 0.42    | ppb   |
| Beryllium  | 9-1   | 497.41   | 501.69   | 506.84   | 501.98     | 0.94    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 525.23   | 524.89   | 519.86   | 523.33     | 0.57    | ppb   |
| Cadmium    | 106-1 | 531.59   | 526.84   | 517.25   | 525.23     | 1.39    | ppb   |
| Cadmium    | 111-1 | 512.78   | 516.94   | 512.36   | 514.03     | 0.49    | ppb   |
| Calcium    | 43-1  | 53463.20 | 53561.39 | 53885.34 | 53636.64   | 0.41    | ppb   |
| Calcium    | 44-1  | 51710.45 | 51992.56 | 52088.85 | 51930.62   | 0.38    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 514.12   | 511.03   | 506.78   | 510.65     | 0.72    | ppb   |
| Cobalt     | 59-2  | 520.46   | 519.59   | 520.13   | 520.06     | 0.08    | ppb   |
| Copper     | 63-2  | 5179.23  | 5173.04  | 5233.79  | 5195.35    | 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 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 91         |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 27016.01 | 26981.45 | 27148.03 | 27048.50   | 0.33    | ppb   |
| Iron       | 57-2  | 26948.53 | 26862.86 | 27061.37 | 26957.59   | 0.37    | ppb   |
| Iron       | 54-2  | 27527.68 | 27107.90 | 27304.43 | 27313.34   | 0.77    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 2522.32  | 2541.68  | 2560.00  | 2541.33    | 0.74    | ppb   |
| Lead       | 207-1 | 2531.66  | 2522.02  | 2595.13  | 2549.60    | 1.56    | ppb   |
| Lead       | 208-1 | 2521.58  | 2522.58  | 2569.05  | 2537.74    | 1.07    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 51516.83 | 51533.56 | 51689.50 | 51579.96   | 0.18    | ppb   |
| Manganese  | 55-2  | 5094.01  | 5102.93  | 5125.08  | 5107.34    | 0.31    | ppb   |
| Molybdenum | 94-1  | 5090.41  | 5163.10  | 5058.40  | 5103.97    | 1.05    | ppb   |
| Molybdenum | 95-1  | 5104.52  | 5142.74  | 5094.41  | 5113.89    | 0.50    | ppb   |
| Molybdenum | 96-1  | 5119.15  | 5119.30  | 5093.46  | 5110.64    | 0.29    | ppb   |
| Molybdenum | 97-1  | 5115.24  | 5132.29  | 5057.12  | 5101.55    | 0.77    | ppb   |
| Molybdenum | 98-1  | 5131.27  | 5174.94  | 5078.27  | 5128.16    | 0.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 519.05   | 516.97   | 518.65   | 518.22     | 0.21    | ppb   |
| Phosphorus | 31-2  | 10262.41 | 10236.49 | 10289.25 | 10262.72   | 0.26    | ppb   |
| Potassium  | 39-2  | 25172.46 | 25091.55 | 25084.59 | 25116.20   | 0.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 82-1  | 521.99   | 527.18   | 522.66   | 523.94     | 0.54    | ppb   |
| Selenium   | 77-2  | 507.50   | 492.47   | 534.02   | 511.33     | 4.11    | ppb   |
| Selenium   | 78-2  | 515.63   | 494.59   | 526.43   | 512.22     | 3.16    | ppb   |
| Silicon    | 28-1  | 531.90   | 529.51   | 527.27   | 529.56     | 0.44    | ppb   |
| Silver     | 107-1 | 527.44   | 525.26   | 514.83   | 522.51     | 1.29    | ppb   |
| Silver     | 109-1 | 523.51   | 529.30   | 514.06   | 522.29     | 1.47    | ppb   |
| Sodium     | 23-2  | 52406.55 | 52116.24 | 52509.73 | 52344.17   | 0.39    | ppb   |
| Strontium  | 86-1  | 12782.18 | 12479.00 | 12555.07 | 12605.42   | 1.25    | ppb   |
| Strontium  | 88-1  | 12899.11 | 12855.83 | 12872.70 | 12875.88   | 0.17    | ppb   |
| Sulfur     | 34-1  | 10476.03 | 10257.64 | 10306.71 | 10346.79   | 1.11    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 501.11   | 511.21   | 518.09   | 510.14     | 1.67    | ppb   |
| Thallium   | 205-1 | 501.09   | 505.03   | 515.67   | 507.26     | 1.49    | ppb   |
| Tin        | 118-1 | 522.59   | 521.94   | 514.71   | 519.75     | 0.84    | ppb   |
| Titanium   | 47-1  | 5176.82  | 5160.97  | 5129.56  | 5155.78    | 0.47    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 502.28  | 499.82  | 517.50  | 506.53     | 1.89    | ppb   |
| Vanadium  | 51-2  | 514.70  | 506.63  | 505.38  | 508.91     | 0.99    | ppb   |
| Yttrium   | 89-1  |         |         |         | 90         |         | %     |
| Yttrium   | 89-2  |         |         |         | 88         |         | %     |
| Zinc      | 66-2  | 5169.15 | 5149.15 | 5233.96 | 5184.09    | 0.86    | ppb   |
| Zirconium | 90-1  | 507.11  | 512.38  | 511.34  | 510.28     | 0.55    | ppb   |
| Zirconium | 91-1  | 497.40  | 515.15  | 507.53  | 506.69     | 1.76    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19644.16 | 19521.91 | 19791.79  | 19652.62   | 0.69    | ppb   |
| Antimony   | 121-1 | 971.53   | 1002.73  | 986.91    | 987.05     | 1.58    | ppb   |
| Arsenic    | 75-2  | 974.83   | 983.78   | 1010.12   | 989.58     | 1.85    | ppb   |
| Barium     | 135-1 | 4856.13  | 5031.06  | 4970.97   | 4952.72    | 1.79    | ppb   |
| Barium     | 137-1 | 4873.04  | 4983.54  | 4989.08   | 4948.55    | 1.32    | ppb   |
| Beryllium  | 9-1   | 981.00   | 992.74   | 1010.63   | 994.79     | 1.50    | ppb   |
| Bismuth    | 209-1 |          |          |           | 98         |         | %     |
| Bismuth    | 209-2 |          |          |           | 94         |         | %     |
| Bromine    | 81-1  |          |          |           |            |         | cps   |
| Bromine    | 81-2  |          |          |           |            |         | cps   |
| Cadmium    | 108-1 | 963.61   | 993.01   | 985.45    | 980.69     | 1.56    | ppb   |
| Cadmium    | 106-1 | 963.30   | 992.24   | 986.93    | 980.82     | 1.57    | ppb   |
| Cadmium    | 111-1 | 969.65   | 1002.39  | 989.93    | 987.32     | 1.67    | ppb   |
| Calcium    | 43-1  | 98585.79 | 99670.39 | 100974.02 | 99743.40   | 1.20    | ppb   |
| Calcium    | 44-1  | 97523.68 | 99730.64 | 100934.75 | 99396.36   | 1.74    | ppb   |
| Carbon     | 12-1  |          |          |           |            |         | cps   |
| Carbon     | 12-2  |          |          |           |            |         | cps   |
| Chlorine   | 35-1  |          |          |           |            |         | cps   |
| Chlorine   | 35-2  |          |          |           |            |         | cps   |
| Chromium   | 52-2  | 986.77   | 987.65   | 1002.95   | 992.45     | 0.92    | ppb   |
| Cobalt     | 59-2  | 984.53   | 982.56   | 992.80    | 986.63     | 0.55    | ppb   |
| Copper     | 63-2  | 9825.15  | 9804.28  | 9929.32   | 9852.92    | 0.68    | ppb   |
| Dysprosium | 156-1 |          |          |           |            |         | cps   |
| Dysprosium | 156-2 |          |          |           |            |         | cps   |
| Erbium     | 164-1 |          |          |           |            |         | cps   |
| Erbium     | 164-2 |          |          |           |            |         | cps   |
| Gadolinium | 160-1 |          |          |           |            |         | cps   |
| Gadolinium | 160-2 |          |          |           |            |         | cps   |
| Holmium    | 165-1 |          |          |           | 99         |         | %     |
| Holmium    | 165-2 |          |          |           | 97         |         | %     |
| Indium     | 115-1 |          |          |           | 89         |         | %     |
| Indium     | 115-2 |          |          |           | 87         |         | %     |
| Iron       | 56-2  | 52173.28 | 51781.66 | 52347.10  | 52100.68   | 0.56    | ppb   |
| Iron       | 57-2  | 51468.74 | 51649.06 | 51879.83  | 51665.88   | 0.40    | ppb   |
| Iron       | 54-2  | 53071.10 | 52712.86 | 53237.92  | 53007.29   | 0.51    | ppb   |
| Krypton    | 83-1  |          |          |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 4911.58   | 4962.95   | 5029.72   | 4968.08    | 1.19    | ppb   |
| Lead       | 207-1 | 4871.15   | 4992.84   | 5033.08   | 4965.69    | 1.70    | ppb   |
| Lead       | 208-1 | 4894.43   | 4980.52   | 5044.26   | 4973.07    | 1.51    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 98933.39  | 98469.64  | 100942.38 | 99448.47   | 1.32    | ppb   |
| Manganese  | 55-2  | 9908.64   | 9843.51   | 10016.77  | 9922.97    | 0.88    | ppb   |
| Molybdenum | 94-1  | 9761.62   | 9922.15   | 10098.12  | 9927.30    | 1.70    | ppb   |
| Molybdenum | 95-1  | 9753.74   | 9876.89   | 10133.68  | 9921.44    | 1.95    | ppb   |
| Molybdenum | 96-1  | 9721.99   | 9883.14   | 10172.27  | 9925.80    | 2.30    | ppb   |
| Molybdenum | 97-1  | 9769.69   | 9927.82   | 10086.67  | 9928.06    | 1.60    | ppb   |
| Molybdenum | 98-1  | 9751.43   | 9897.81   | 10093.15  | 9914.13    | 1.73    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 974.25    | 985.60    | 995.36    | 985.07     | 1.07    | ppb   |
| Phosphorus | 31-2  | 19860.16  | 19604.76  | 19879.52  | 19781.48   | 0.78    | ppb   |
| Potassium  | 39-2  | 48803.26  | 48957.80  | 49386.11  | 49049.06   | 0.62    | ppb   |
| Rhodium    | 103-1 |           |           |           | 85         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 84         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 82-1  | 967.97    | 981.65    | 997.00    | 982.20     | 1.48    | ppb   |
| Selenium   | 77-2  | 984.67    | 970.29    | 1008.85   | 987.94     | 1.97    | ppb   |
| Selenium   | 78-2  | 993.57    | 977.51    | 995.31    | 988.80     | 0.99    | ppb   |
| Silicon    | 28-1  | 971.84    | 982.38    | 983.17    | 979.13     | 0.65    | ppb   |
| Silver     | 107-1 | 965.09    | 1000.74   | 977.41    | 981.08     | 1.85    | ppb   |
| Silver     | 109-1 | 959.35    | 993.69    | 990.22    | 981.09     | 1.93    | ppb   |
| Sodium     | 23-2  | 100901.22 | 101021.37 | 102306.67 | 101409.75  | 0.77    | ppb   |
| Strontium  | 86-1  | 24437.53  | 25292.45  | 25120.45  | 24950.14   | 1.81    | ppb   |
| Strontium  | 88-1  | 24368.00  | 25012.76  | 24881.88  | 24754.21   | 1.38    | ppb   |
| Sulfur     | 34-1  | 19472.30  | 19617.66  | 20075.68  | 19721.88   | 1.60    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 985.09    | 997.74    | 998.14    | 993.66     | 0.75    | ppb   |
| Thallium   | 205-1 | 988.82    | 991.09    | 1003.55   | 994.49     | 0.80    | ppb   |
| Tin        | 118-1 | 973.48    | 996.91    | 987.07    | 985.82     | 1.19    | ppb   |
| Titanium   | 47-1  | 9722.22   | 9888.53   | 10076.96  | 9895.90    | 1.79    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 986.70  | 993.35  | 1010.95 | 997.00     | 1.26    | ppb   |
| Vanadium  | 51-2  | 988.23  | 992.13  | 1003.57 | 994.64     | 0.80    | ppb   |
| Yttrium   | 89-1  |         |         |         | 90         |         | %     |
| Yttrium   | 89-2  |         |         |         | 88         |         | %     |
| Zinc      | 66-2  | 9769.09 | 9872.93 | 9927.93 | 9856.65    | 0.82    | ppb   |
| Zirconium | 90-1  | 972.12  | 998.25  | 1008.48 | 992.95     | 1.89    | ppb   |
| Zirconium | 91-1  | 979.35  | 994.17  | 1014.36 | 995.96     | 1.76    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100045.63 | 100160.88 | 99955.47  | 100054.00  | 0.10    | ppb   |
| Antimony   | 121-1 | 0.89      | 0.91      | 0.82      | 0.87       | 5.50    | ppb   |
| Arsenic    | 75-2  | 0.63      | 0.64      | 0.60      | 0.62       | 3.00    | ppb   |
| Barium     | 135-1 | 2.63      | 2.47      | 2.38      | 2.49       | 4.97    | ppb   |
| Barium     | 137-1 | 2.59      | 2.42      | 2.37      | 2.46       | 4.56    | ppb   |
| Beryllium  | 9-1   | 0.40      | 0.29      | 0.26      | 0.32       | 23.21   | ppb   |
| Bismuth    | 209-1 |           |           |           | 88         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 0.64      | 0.52      | 0.20      | 0.45       | 49.58   | ppb   |
| Cadmium    | 106-1 | -4.31     | -5.30     | -3.39     | -4.33      |         | ppb   |
| Cadmium    | 111-1 | -0.09     | -0.17     | 0.00      | -0.09      |         | ppb   |
| Calcium    | 43-1  | 499922.73 | 499954.32 | 498816.73 | 499564.59  | 0.13    | ppb   |
| Calcium    | 44-1  | 502103.47 | 500029.32 | 497459.86 | 499864.22  | 0.47    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 2.42      | 1.67      | 1.51      | 1.87       | 25.93   | ppb   |
| Cobalt     | 59-2  | 2.70      | 2.71      | 2.72      | 2.71       | 0.24    | ppb   |
| Copper     | 63-2  | 2.26      | 2.21      | 2.30      | 2.26       | 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 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 250039.29 | 248290.91 | 249568.00 | 249299.40  | 0.36    | ppb   |
| Iron       | 57-2  | 250189.79 | 250903.28 | 247048.40 | 249380.49  | 0.82    | ppb   |
| Iron       | 54-2  | 250089.53 | 249255.13 | 247892.87 | 249079.18  | 0.45    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 1.95      | 1.80      | 1.73      | 1.83       | 6.16    | ppb   |
| Lead       | 207-1 | 1.92      | 1.82      | 1.74      | 1.83       | 4.95    | ppb   |
| Lead       | 208-1 | 1.91      | 1.78      | 1.73      | 1.81       | 5.16    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 498335.04 | 502661.76 | 498668.99 | 499888.60  | 0.48    | ppb   |
| Manganese  | 55-2  | 5.26      | 4.97      | 5.02      | 5.08       | 3.05    | ppb   |
| Molybdenum | 94-1  | 3.31      | 2.98      | 3.00      | 3.09       | 5.95    | ppb   |
| Molybdenum | 95-1  | 2.50      | 2.13      | 1.98      | 2.20       | 12.18   | ppb   |
| Molybdenum | 96-1  | 4.14      | 3.90      | 3.80      | 3.95       | 4.41    | ppb   |
| Molybdenum | 97-1  | 2.38      | 2.22      | 2.00      | 2.20       | 8.72    | ppb   |
| Molybdenum | 98-1  | 2.35      | 2.02      | 1.85      | 2.07       | 12.24   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.52      | 4.51      | 4.33      | 4.45       | 2.48    | ppb   |
| Phosphorus | 31-2  | 0.98      | -3.99     | -2.68     | -1.90      |         | ppb   |
| Potassium  | 39-2  | 248989.81 | 251081.59 | 250431.68 | 250167.69  | 0.43    | ppb   |
| Rhodium    | 103-1 |           |           |           | 81         |         | %     |
| Rhodium    | 103-2 |           |           |           | 83         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 82-1  | 0.87      | 1.11      | 0.80      | 0.93       | 17.91   | ppb   |
| Selenium   | 77-2  | 0.00      | 0.38      | 0.57      | 0.32       | 91.69   | ppb   |
| Selenium   | 78-2  | -0.34     | -0.59     | 0.45      | -0.16      |         | ppb   |
| Silicon    | 28-1  | -6.56     | -6.78     | -6.79     | -6.71      |         | ppb   |
| Silver     | 107-1 | 0.26      | 0.26      | 0.22      | 0.24       | 10.05   | ppb   |
| Silver     | 109-1 | 0.26      | 0.23      | 0.22      | 0.24       | 8.48    | ppb   |
| Sodium     | 23-2  | 500338.21 | 498759.93 | 499068.95 | 499389.03  | 0.17    | ppb   |
| Strontium  | 86-1  | 75.01     | 71.26     | 73.70     | 73.32      | 2.60    | ppb   |
| Strontium  | 88-1  | 75.90     | 75.90     | 76.23     | 76.01      | 0.25    | ppb   |
| Sulfur     | 34-1  | -619.89   | -587.65   | -533.96   | -580.50    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 0.21      | 0.17      | 0.15      | 0.18       | 16.72   | ppb   |
| Thallium   | 205-1 | 0.22      | 0.19      | 0.17      | 0.19       | 11.90   | ppb   |
| Tin        | 118-1 | 0.36      | 0.36      | 0.29      | 0.34       | 11.12   | ppb   |
| Titanium   | 47-1  | 2.18      | 1.88      | 1.80      | 1.95       | 10.11   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.19    | 0.21    | 0.14    | 0.18       | 19.13   | ppb   |
| Vanadium  | 51-2  | 0.26    | 0.25    | 0.26    | 0.25       | 1.67    | ppb   |
| Yttrium   | 89-1  |         |         |         | 90         |         | %     |
| Yttrium   | 89-2  |         |         |         | 91         |         | %     |
| Zinc      | 66-2  | 14.55   | 13.80   | 14.23   | 14.19      | 2.67    | ppb   |
| Zirconium | 90-1  | 0.68    | 0.64    | 0.65    | 0.66       | 3.00    | ppb   |
| Zirconium | 91-1  | 0.68    | 0.64    | 0.70    | 0.67       | 4.47    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 479.15  | 477.01  | 476.63  | 477.60     | 0.28    | ppb   |
| Antimony   | 121-1 | 208.85  | 214.88  | 216.74  | 213.49     | 1.93    | ppb   |
| Arsenic    | 75-2  | 212.34  | 211.88  | 212.32  | 212.18     | 0.12    | ppb   |
| Barium     | 135-1 | 99.92   | 101.62  | 103.23  | 101.59     | 1.63    | ppb   |
| Barium     | 137-1 | 100.20  | 101.49  | 103.47  | 101.72     | 1.62    | ppb   |
| Beryllium  | 9-1   | 103.82  | 103.31  | 108.84  | 105.33     | 2.90    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 120.87  | 123.22  | 124.34  | 122.81     | 1.44    | ppb   |
| Cadmium    | 106-1 | 89.77   | 91.59   | 93.05   | 91.47      | 1.80    | ppb   |
| Cadmium    | 111-1 | 108.10  | 108.34  | 111.41  | 109.29     | 1.69    | ppb   |
| Calcium    | 43-1  | 2100.95 | 2107.10 | 2119.83 | 2109.29    | 0.46    | ppb   |
| Calcium    | 44-1  | 2094.31 | 2112.25 | 2089.99 | 2098.85    | 0.56    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 103.72  | 103.94  | 103.86  | 103.84     | 0.11    | ppb   |
| Cobalt     | 59-2  | 103.75  | 103.24  | 103.30  | 103.43     | 0.27    | ppb   |
| Copper     | 63-2  | 98.26   | 98.06   | 97.90   | 98.07      | 0.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2162.20 | 2135.46 | 2142.59 | 2146.75    | 0.65    | ppb   |
| Iron       | 57-2  | 2175.26 | 2175.58 | 2145.70 | 2165.51    | 0.79    | ppb   |
| Iron       | 54-2  | 2268.37 | 2254.90 | 2252.18 | 2258.48    | 0.38    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 208.33  | 211.44  | 208.62  | 209.46     | 0.82    | ppb   |
| Lead       | 207-1 | 184.32  | 189.43  | 187.40  | 187.05     | 1.38    | ppb   |
| Lead       | 208-1 | 198.12  | 201.73  | 200.29  | 200.05     | 0.91    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1205.99 | 1209.56 | 1199.43 | 1204.99    | 0.43    | ppb   |
| Manganese  | 55-2  | 102.23  | 102.50  | 101.31  | 102.01     | 0.61    | ppb   |
| Molybdenum | 94-1  | 3913.37 | 3930.59 | 3943.30 | 3929.09    | 0.38    | ppb   |
| Molybdenum | 95-1  | 4832.48 | 4850.71 | 4841.88 | 4841.69    | 0.19    | ppb   |
| Molybdenum | 96-1  | 4758.23 | 4769.43 | 4757.59 | 4761.75    | 0.14    | ppb   |
| Molybdenum | 97-1  | 4829.07 | 4839.80 | 4861.11 | 4843.33    | 0.34    | ppb   |
| Molybdenum | 98-1  | 4818.61 | 4893.43 | 4818.37 | 4843.47    | 0.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 108.25  | 108.78  | 108.12  | 108.38     | 0.32    | ppb   |
| Phosphorus | 31-2  | -7.06   | -10.90  | -16.82  | -11.59     |         | ppb   |
| Potassium  | 39-2  | 2018.34 | 2018.41 | 2018.92 | 2018.56    | 0.02    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 92         |         | %     |
| Scandium   | 45-2  |         |         |         | 92         |         | %     |
| Selenium   | 82-1  | 209.05  | 212.71  | 211.55  | 211.10     | 0.89    | ppb   |
| Selenium   | 77-2  | 214.28  | 223.94  | 212.72  | 216.98     | 2.80    | ppb   |
| Selenium   | 78-2  | 219.25  | 219.57  | 222.57  | 220.46     | 0.83    | ppb   |
| Silicon    | 28-1  | -8.22   | -8.23   | -8.63   | -8.36      |         | ppb   |
| Silver     | 107-1 | 50.07   | 51.52   | 51.87   | 51.16      | 1.87    | ppb   |
| Silver     | 109-1 | 50.09   | 51.14   | 52.04   | 51.09      | 1.91    | ppb   |
| Sodium     | 23-2  | 2077.10 | 2057.69 | 2028.26 | 2054.35    | 1.20    | ppb   |
| Strontium  | 86-1  | 5.87    | 6.55    | 6.29    | 6.24       | 5.48    | ppb   |
| Strontium  | 88-1  | 6.71    | 6.56    | 6.47    | 6.58       | 1.82    | ppb   |
| Sulfur     | 34-1  | -482.33 | -385.77 | -523.33 | -463.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 201.45  | 206.03  | 208.79  | 205.42     | 1.80    | ppb   |
| Thallium   | 205-1 | 205.29  | 207.25  | 203.94  | 205.49     | 0.81    | ppb   |
| Tin        | 118-1 | 0.02    | 0.03    | 0.03    | 0.03       | 27.68   | ppb   |
| Titanium   | 47-1  | 0.42    | 0.33    | 0.30    | 0.35       | 18.46   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.45   | ppb   |
| Vanadium  | 51-2  | 99.16   | 100.46  | 99.40   | 99.67      | 0.70    | ppb   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 95         |         | %     |
| Zinc      | 66-2  | 207.68  | 205.25  | 209.21  | 207.38     | 0.96    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 4.24    | ppb   |
| Zirconium | 91-1  | 0.07    | 0.06    | 0.07    | 0.06       | 14.09   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.76    | 0.58    | 0.53    | 0.63       | 19.01   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.05       | 10.87   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | -0.01   | 0.01       | 172.12  | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.00    | 0.00       | 151.46  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.14   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.08    | 0.04    | 0.06       | 35.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.01   | 0.01    | 0.04    | 0.01       | 212.22  | ppb   |
| Cadmium    | 106-1 | -3.66   | -5.37   | -3.57   | -4.20      |         | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.37   | -0.24   | -0.29      |         | ppb   |
| Calcium    | 43-1  | -0.50   | -0.23   | 1.17    | 0.15       | 615.42  | ppb   |
| Calcium    | 44-1  | 1.30    | 0.66    | 0.75    | 0.90       | 38.11   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.04    | 0.07    | 0.06    | 0.06       | 32.19   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.01    | 0.02       | 52.14   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 1.27    | 1.15    | 1.29    | 1.24       | 6.07    | ppb   |
| Iron       | 57-2  | -0.32   | -0.84   | 1.10    | -0.02      |         | ppb   |
| Iron       | 54-2  | 0.57    | 0.97    | 1.37    | 0.97       | 41.22   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Lead       | 206-1 | 0.05    | 0.04    | 0.04    | 0.04       | 13.03    | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.17     | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.04    | 0.04       | 13.04    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |          | %     |
| Magnesium  | 24-2  | 0.90    | 0.79    | 1.06    | 0.92       | 14.66    | ppb   |
| Manganese  | 55-2  | 0.06    | 0.03    | 0.02    | 0.04       | 60.47    | ppb   |
| Molybdenum | 94-1  | 0.25    | 0.25    | 0.22    | 0.24       | 6.79     | ppb   |
| Molybdenum | 95-1  | 0.32    | 0.28    | 0.23    | 0.27       | 16.64    | ppb   |
| Molybdenum | 96-1  | 0.32    | 0.27    | 0.25    | 0.28       | 12.42    | ppb   |
| Molybdenum | 97-1  | 0.30    | 0.28    | 0.27    | 0.28       | 6.09     | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.25    | 0.28    | 0.27       | 7.47     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.03   | -0.03   | 0.01    | -0.02      |          | ppb   |
| Phosphorus | 31-2  | -13.12  | -11.95  | -10.29  | -11.79     |          | ppb   |
| Potassium  | 39-2  | -6.03   | -4.97   | -2.93   | -4.64      |          | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |          | %     |
| Rhodium    | 103-2 |         |         |         | 97         |          | %     |
| Scandium   | 45-1  |         |         |         | 93         |          | %     |
| Scandium   | 45-2  |         |         |         | 92         |          | %     |
| Selenium   | 82-1  | 0.08    | -0.11   | 0.03    | 0.00       | 10057.85 | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.18    | 0.06       | 173.21   | ppb   |
| Selenium   | 78-2  | -0.70   | -0.01   | -0.20   | -0.30      |          | ppb   |
| Silicon    | 28-1  | -8.41   | -8.44   | -8.12   | -8.32      |          | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 3.26     | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 46.48    | ppb   |
| Sodium     | 23-2  | 22.30   | 22.55   | 20.65   | 21.83      | 4.72     | ppb   |
| Strontium  | 86-1  | 0.32    | -0.04   | 0.10    | 0.13       | 141.64   | ppb   |
| Strontium  | 88-1  | 0.09    | 0.04    | 0.05    | 0.06       | 38.27    | ppb   |
| Sulfur     | 34-1  | -329.97 | -285.02 | -287.62 | -300.87    |          | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |          | %     |
| Terbium    | 159-2 |         |         |         | 101        |          | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.31    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.77    | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.75    | ppb   |
| Titanium   | 47-1  | 0.00    | 0.03    | 0.00    | 0.01       | 167.46   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 184.86  | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 23.85   | ppb   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 96         |         | %     |
| Zinc      | 66-2  | 0.08    | 0.07    | 0.05    | 0.07       | 29.03   | ppb   |
| Zirconium | 90-1  | 0.01    | 0.00    | 0.01    | 0.00       | 74.06   | ppb   |
| Zirconium | 91-1  | 0.00    | 0.01    | 0.01    | 0.01       | 109.43  | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92642.52  | 91593.21  | 92500.08  | 92245.27   | 0.62    | ppb   |
| Antimony   | 121-1 | 1.10      | 1.12      | 1.13      | 1.11       | 1.42    | ppb   |
| Arsenic    | 75-2  | 0.40      | 0.29      | 0.36      | 0.35       | 15.00   | ppb   |
| Barium     | 135-1 | 1.39      | 1.41      | 1.39      | 1.40       | 0.61    | ppb   |
| Barium     | 137-1 | 1.41      | 1.40      | 1.45      | 1.42       | 1.71    | ppb   |
| Beryllium  | 9-1   | 0.32      | 0.35      | 0.31      | 0.33       | 6.69    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 9.18      | 9.08      | 8.77      | 9.01       | 2.42    | ppb   |
| Cadmium    | 106-1 | -6.47     | -5.93     | -5.65     | -6.02      |         | ppb   |
| Cadmium    | 111-1 | -0.10     | -0.10     | -0.01     | -0.07      |         | ppb   |
| Calcium    | 43-1  | 102958.74 | 103114.99 | 103001.14 | 103024.96  | 0.08    | ppb   |
| Calcium    | 44-1  | 102199.62 | 101715.79 | 102004.25 | 101973.22  | 0.24    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 20.25     | 20.40     | 20.33     | 20.33      | 0.36    | ppb   |
| Cobalt     | 59-2  | 1.30      | 1.25      | 1.26      | 1.27       | 2.08    | ppb   |
| Copper     | 63-2  | 6.99      | 7.10      | 7.18      | 7.09       | 1.34    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 106610.01 | 106148.13 | 107309.68 | 106689.27  | 0.55    | ppb   |
| Iron       | 57-2  | 105513.48 | 103958.64 | 106295.93 | 105256.01  | 1.13    | ppb   |
| Iron       | 54-2  | 106068.08 | 105923.11 | 105999.96 | 105997.05  | 0.07    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 5.03      | 4.83      | 4.79      | 4.88       | 2.62    | ppb   |
| Lead       | 207-1 | 4.57      | 4.37      | 4.24      | 4.39       | 3.83    | ppb   |
| Lead       | 208-1 | 4.70      | 4.49      | 4.44      | 4.55       | 3.06    | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 100787.44 | 100216.76 | 100281.99 | 100428.73  | 0.31    | ppb   |
| Manganese  | 55-2  | 7.99      | 7.95      | 8.15      | 8.03       | 1.31    | ppb   |
| Molybdenum | 94-1  | 1610.93   | 1636.61   | 1616.21   | 1621.25    | 0.84    | ppb   |
| Molybdenum | 95-1  | 1992.27   | 1997.39   | 1982.25   | 1990.64    | 0.39    | ppb   |
| Molybdenum | 96-1  | 1959.21   | 1952.28   | 1967.84   | 1959.77    | 0.40    | ppb   |
| Molybdenum | 97-1  | 1995.59   | 2023.50   | 1973.44   | 1997.51    | 1.26    | ppb   |
| Molybdenum | 98-1  | 2002.42   | 2016.11   | 1992.27   | 2003.60    | 0.60    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.22      | 5.50      | 5.46      | 5.39       | 2.89    | ppb   |
| Phosphorus | 31-2  | 103854.42 | 103368.57 | 104139.15 | 103787.38  | 0.38    | ppb   |
| Potassium  | 39-2  | 97677.23  | 97805.24  | 98542.10  | 98008.19   | 0.48    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 82-1  | 0.13      | 0.18      | -0.40     | -0.03      |         | ppb   |
| Selenium   | 77-2  | 0.56      | 0.19      | 0.00      | 0.25       | 114.63  | ppb   |
| Selenium   | 78-2  | -0.25     | 0.58      | -1.20     | -0.29      |         | ppb   |
| Silicon    | 28-1  | -7.30     | -7.46     | -7.39     | -7.38      |         | ppb   |
| Silver     | 107-1 | 0.07      | 0.05      | 0.05      | 0.06       | 23.44   | ppb   |
| Silver     | 109-1 | 0.06      | 0.05      | 0.05      | 0.05       | 7.91    | ppb   |
| Sodium     | 23-2  | 101102.85 | 100676.59 | 100539.70 | 100773.05  | 0.29    | ppb   |
| Strontium  | 86-1  | 846.71    | 848.74    | 861.59    | 852.35     | 0.95    | ppb   |
| Strontium  | 88-1  | 847.73    | 854.50    | 863.13    | 855.12     | 0.90    | ppb   |
| Sulfur     | 34-1  | 109965.34 | 109130.08 | 109554.91 | 109550.11  | 0.38    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 0.11      | 0.12      | 0.12      | 0.12       | 6.89    | ppb   |
| Thallium   | 205-1 | 0.12      | 0.12      | 0.13      | 0.12       | 4.91    | ppb   |
| Tin        | 118-1 | 0.18      | 0.18      | 0.18      | 0.18       | 0.79    | ppb   |
| Titanium   | 47-1  | 2083.31   | 2058.01   | 2078.77   | 2073.36    | 0.65    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.01    | 0.02    | 0.02       | 6.36    | ppb   |
| Vanadium  | 51-2  | 0.22    | 0.20    | 0.20    | 0.20       | 4.75    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 94         |         | %     |
| Zinc      | 66-2  | 11.37   | 11.13   | 11.07   | 11.19      | 1.39    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 12.85   | ppb   |
| Zirconium | 91-1  | 0.02    | 0.04    | 0.03    | 0.03       | 21.02   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90894.71  | 89335.93  | 90077.47  | 90102.71   | 0.87    | ppb   |
| Antimony   | 121-1 | 21.13     | 21.32     | 21.31     | 21.25      | 0.50    | ppb   |
| Arsenic    | 75-2  | 20.25     | 20.10     | 21.21     | 20.52      | 2.94    | ppb   |
| Barium     | 135-1 | 21.16     | 20.99     | 21.43     | 21.20      | 1.05    | ppb   |
| Barium     | 137-1 | 21.17     | 21.36     | 21.32     | 21.28      | 0.47    | ppb   |
| Beryllium  | 9-1   | 20.37     | 20.83     | 20.54     | 20.58      | 1.13    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 26.10     | 26.64     | 25.31     | 26.02      | 2.58    | ppb   |
| Cadmium    | 106-1 | 13.89     | 11.26     | 11.28     | 12.14      | 12.46   | ppb   |
| Cadmium    | 111-1 | 20.01     | 19.67     | 19.63     | 19.77      | 1.05    | ppb   |
| Calcium    | 43-1  | 100989.07 | 103538.83 | 102735.64 | 102421.18  | 1.27    | ppb   |
| Calcium    | 44-1  | 101532.27 | 101316.09 | 101784.36 | 101544.24  | 0.23    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 39.74     | 39.66     | 39.66     | 39.69      | 0.12    | ppb   |
| Cobalt     | 59-2  | 20.77     | 20.78     | 21.02     | 20.86      | 0.67    | ppb   |
| Copper     | 63-2  | 25.62     | 25.84     | 25.99     | 25.82      | 0.72    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 103868.46 | 103965.23 | 103787.15 | 103873.61  | 0.09    | ppb   |
| Iron       | 57-2  | 103246.89 | 101934.14 | 102766.52 | 102649.18  | 0.65    | ppb   |
| Iron       | 54-2  | 103751.73 | 103230.77 | 103525.98 | 103502.83  | 0.25    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 24.97     | 24.93     | 24.91     | 24.93      | 0.12    | ppb   |
| Lead       | 207-1 | 23.59     | 23.61     | 23.76     | 23.65      | 0.39    | ppb   |
| Lead       | 208-1 | 23.85     | 23.89     | 23.95     | 23.90      | 0.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 99357.10  | 97937.12  | 97996.36  | 98430.20   | 0.82    | ppb   |
| Manganese  | 55-2  | 27.67     | 28.12     | 27.33     | 27.70      | 1.42    | ppb   |
| Molybdenum | 94-1  | 1602.60   | 1616.63   | 1625.25   | 1614.83    | 0.71    | ppb   |
| Molybdenum | 95-1  | 1951.39   | 1995.65   | 2007.34   | 1984.80    | 1.49    | ppb   |
| Molybdenum | 96-1  | 1923.59   | 1957.78   | 1951.40   | 1944.26    | 0.93    | ppb   |
| Molybdenum | 97-1  | 1953.73   | 1988.07   | 1994.17   | 1978.66    | 1.10    | ppb   |
| Molybdenum | 98-1  | 1978.58   | 1996.26   | 2002.05   | 1992.30    | 0.61    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.35     | 25.17     | 25.86     | 25.46      | 1.41    | ppb   |
| Phosphorus | 31-2  | 102096.53 | 101529.96 | 101765.83 | 101797.44  | 0.28    | ppb   |
| Potassium  | 39-2  | 96361.15  | 97025.71  | 96826.94  | 96737.93   | 0.35    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 82-1  | 18.78     | 19.98     | 19.11     | 19.29      | 3.21    | ppb   |
| Selenium   | 77-2  | 20.41     | 20.16     | 21.91     | 20.83      | 4.56    | ppb   |
| Selenium   | 78-2  | 18.87     | 19.44     | 18.83     | 19.05      | 1.80    | ppb   |
| Silicon    | 28-1  | -6.70     | -6.81     | -6.65     | -6.72      |         | ppb   |
| Silver     | 107-1 | 19.08     | 19.30     | 19.31     | 19.23      | 0.66    | ppb   |
| Silver     | 109-1 | 19.15     | 19.32     | 19.41     | 19.29      | 0.67    | ppb   |
| Sodium     | 23-2  | 99689.39  | 98275.69  | 98863.28  | 98942.79   | 0.72    | ppb   |
| Strontium  | 86-1  | 837.17    | 857.92    | 859.36    | 851.48     | 1.46    | ppb   |
| Strontium  | 88-1  | 846.89    | 860.13    | 861.97    | 856.33     | 0.96    | ppb   |
| Sulfur     | 34-1  | 107892.75 | 108011.07 | 106071.40 | 107325.07  | 1.01    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 20.21     | 20.27     | 20.41     | 20.30      | 0.49    | ppb   |
| Thallium   | 205-1 | 19.99     | 19.85     | 20.04     | 19.96      | 0.49    | ppb   |
| Tin        | 118-1 | 0.19      | 0.14      | 0.15      | 0.16       | 14.69   | ppb   |
| Titanium   | 47-1  | 2037.10   | 2072.20   | 2046.18   | 2051.83    | 0.89    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.01    | 0.02    | 0.02       | 5.15    | ppb   |
| Vanadium  | 51-2  | 19.57   | 19.70   | 19.69   | 19.65      | 0.37    | ppb   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 95         |         | %     |
| Zinc      | 66-2  | 30.38   | 31.31   | 31.19   | 30.96      | 1.63    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.01    | 0.01       | 31.68   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.02    | 0.03    | 0.03       | 14.94   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49669.19  | 50058.14  | 49940.38  | 49889.24   | 0.40    | ppb   |
| Antimony   | 121-1 | 488.58    | 499.15    | 504.33    | 497.35     | 1.61    | ppb   |
| Arsenic    | 75-2  | 477.93    | 475.30    | 478.99    | 477.41     | 0.40    | ppb   |
| Barium     | 135-1 | 2465.97   | 2487.30   | 2525.59   | 2492.96    | 1.21    | ppb   |
| Barium     | 137-1 | 2458.53   | 2493.55   | 2504.19   | 2485.42    | 0.96    | ppb   |
| Beryllium  | 9-1   | 477.47    | 483.25    | 479.36    | 480.03     | 0.61    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 481.14    | 482.03    | 491.00    | 484.72     | 1.13    | ppb   |
| Cadmium    | 106-1 | 478.75    | 488.09    | 491.43    | 486.09     | 1.35    | ppb   |
| Cadmium    | 111-1 | 467.60    | 475.63    | 476.44    | 473.22     | 1.03    | ppb   |
| Calcium    | 43-1  | 248538.48 | 252893.20 | 251710.09 | 251047.26  | 0.90    | ppb   |
| Calcium    | 44-1  | 249826.12 | 253865.25 | 254091.69 | 252594.35  | 0.95    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 486.59    | 487.07    | 486.46    | 486.70     | 0.07    | ppb   |
| Cobalt     | 59-2  | 477.51    | 475.98    | 471.66    | 475.05     | 0.64    | ppb   |
| Copper     | 63-2  | 4651.10   | 4611.77   | 4622.11   | 4628.33    | 0.44    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 126641.83 | 126858.55 | 127003.49 | 126834.62  | 0.14    | ppb   |
| Iron       | 57-2  | 126915.81 | 126592.84 | 126917.35 | 126808.67  | 0.15    | ppb   |
| Iron       | 54-2  | 125842.44 | 127180.58 | 126211.86 | 126411.63  | 0.55    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 2526.22   | 2503.60   | 2533.43   | 2521.08    | 0.62    | ppb   |
| Lead       | 207-1 | 2498.24   | 2507.44   | 2522.53   | 2509.40    | 0.49    | ppb   |
| Lead       | 208-1 | 2489.63   | 2495.77   | 2511.82   | 2499.07    | 0.46    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 250718.02 | 250048.59 | 249949.03 | 250238.55  | 0.17    | ppb   |
| Manganese  | 55-2  | 4762.91   | 4788.15   | 4806.49   | 4785.85    | 0.46    | ppb   |
| Molybdenum | 94-1  | 4946.90   | 5003.71   | 4948.24   | 4966.29    | 0.65    | ppb   |
| Molybdenum | 95-1  | 4911.61   | 4996.94   | 4869.20   | 4925.92    | 1.32    | ppb   |
| Molybdenum | 96-1  | 4863.66   | 4972.14   | 4914.79   | 4916.86    | 1.10    | ppb   |
| Molybdenum | 97-1  | 4875.24   | 4984.31   | 4936.37   | 4931.97    | 1.11    | ppb   |
| Molybdenum | 98-1  | 4900.36   | 5000.52   | 4907.40   | 4936.10    | 1.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 467.17    | 468.44    | 467.44    | 467.68     | 0.14    | ppb   |
| Phosphorus | 31-2  | 9762.66   | 9874.58   | 9922.00   | 9853.08    | 0.83    | ppb   |
| Potassium  | 39-2  | 121671.41 | 122690.25 | 123225.61 | 122529.09  | 0.64    | ppb   |
| Rhodium    | 103-1 |           |           |           | 87         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 89         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 82-1  | 468.82    | 476.32    | 471.69    | 472.28     | 0.80    | ppb   |
| Selenium   | 77-2  | 466.76    | 461.97    | 469.65    | 466.13     | 0.83    | ppb   |
| Selenium   | 78-2  | 463.11    | 465.50    | 469.21    | 465.94     | 0.66    | ppb   |
| Silicon    | 28-1  | 428.36    | 432.38    | 431.22    | 430.66     | 0.48    | ppb   |
| Silver     | 107-1 | 478.13    | 483.08    | 490.96    | 484.06     | 1.34    | ppb   |
| Silver     | 109-1 | 472.14    | 485.98    | 489.60    | 482.57     | 1.91    | ppb   |
| Sodium     | 23-2  | 247350.88 | 247542.04 | 247932.98 | 247608.63  | 0.12    | ppb   |
| Strontium  | 86-1  | 12389.52  | 12514.67  | 12358.04  | 12420.74   | 0.67    | ppb   |
| Strontium  | 88-1  | 12464.91  | 12480.49  | 12378.02  | 12441.14   | 0.44    | ppb   |
| Sulfur     | 34-1  | 9442.45   | 9495.46   | 9613.74   | 9517.22    | 0.92    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 508.76    | 504.39    | 505.04    | 506.07     | 0.47    | ppb   |
| Thallium   | 205-1 | 504.76    | 500.68    | 499.34    | 501.59     | 0.56    | ppb   |
| Tin        | 118-1 | 487.06    | 505.81    | 502.78    | 498.55     | 2.02    | ppb   |
| Titanium   | 47-1  | 4901.48   | 4970.65   | 5039.89   | 4970.67    | 1.39    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 511.55  | 508.68  | 518.13  | 512.79     | 0.94    | ppb   |
| Vanadium  | 51-2  | 487.76  | 491.78  | 489.69  | 489.74     | 0.41    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 93         |         | %     |
| Zinc      | 66-2  | 4574.74 | 4570.18 | 4566.78 | 4570.57    | 0.09    | ppb   |
| Zirconium | 90-1  | 497.48  | 499.94  | 498.18  | 498.53     | 0.25    | ppb   |
| Zirconium | 91-1  | 482.17  | 498.84  | 493.15  | 491.39     | 1.72    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.94    | 3.83    | 0.68    | 1.82       | 96.24   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.05       | 11.62   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.06    | -0.02   | 0.01       | 293.87  | ppb   |
| Barium     | 135-1 | 0.07    | 0.05    | 0.06    | 0.06       | 17.60   | ppb   |
| Barium     | 137-1 | 0.08    | 0.07    | 0.05    | 0.06       | 21.13   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.02    | 0.04       | 38.57   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.02    | -0.08   | -0.08   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -4.26   | -3.93   | -2.66   | -3.62      |         | ppb   |
| Cadmium    | 111-1 | -0.26   | -0.25   | -0.16   | -0.23      |         | ppb   |
| Calcium    | 43-1  | 6.58    | 3.23    | 3.52    | 4.44       | 41.77   | ppb   |
| Calcium    | 44-1  | 8.45    | 7.07    | 5.60    | 7.04       | 20.24   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.05    | 0.01    | 0.03    | 0.03       | 77.37   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.14    | 0.00    | 0.04       | 183.90  | ppb   |
| Copper     | 63-2  | 0.24    | 1.15    | 0.21    | 0.53       | 100.11  | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 2.86    | 38.32   | 2.00    | 14.40      | 143.97  | ppb   |
| Iron       | 57-2  | 0.49    | 47.58   | 1.41    | 16.49      | 163.23  | ppb   |
| Iron       | 54-2  | 2.49    | 4.51    | 1.71    | 2.90       | 49.87   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.15    | 0.12    | 0.11    | 0.12       | 15.86   | ppb   |
| Lead       | 207-1 | 0.12    | 0.11    | 0.09    | 0.10       | 11.90   | ppb   |
| Lead       | 208-1 | 0.13    | 0.11    | 0.10    | 0.12       | 13.39   | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 4.02    | 9.68    | 2.96    | 5.55       | 65.07   | ppb   |
| Manganese  | 55-2  | 0.07    | 0.25    | 0.05    | 0.13       | 88.08   | ppb   |
| Molybdenum | 94-1  | 0.20    | 0.18    | 0.17    | 0.18       | 8.93    | ppb   |
| Molybdenum | 95-1  | 0.18    | 0.17    | 0.16    | 0.17       | 5.70    | ppb   |
| Molybdenum | 96-1  | 0.20    | 0.17    | 0.15    | 0.17       | 14.59   | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.19    | 0.14    | 0.17       | 15.84   | ppb   |
| Molybdenum | 98-1  | 0.18    | 0.14    | 0.15    | 0.16       | 14.80   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.12    | 0.00    | 0.05       | 133.08  | ppb   |
| Phosphorus | 31-2  | -17.16  | -9.29   | -13.36  | -13.27     |         | ppb   |
| Potassium  | 39-2  | 0.01    | 2.41    | 1.05    | 1.16       | 104.15  | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 82-1  | 0.09    | -0.22   | -0.28   | -0.14      |         | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.17    | 0.06       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.63    | 0.28    | -0.19   | 0.24       | 173.06  | ppb   |
| Silicon    | 28-1  | -7.53   | -7.90   | -7.92   | -7.78      |         | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 18.88   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.03    | 0.03       | 7.17    | ppb   |
| Sodium     | 23-2  | 36.92   | 48.59   | 35.73   | 40.41      | 17.59   | ppb   |
| Strontium  | 86-1  | 0.62    | 0.56    | -0.03   | 0.38       | 94.06   | ppb   |
| Strontium  | 88-1  | 0.36    | 0.33    | 0.29    | 0.33       | 11.21   | ppb   |
| Sulfur     | 34-1  | -535.56 | -559.83 | -588.09 | -561.16    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.04    | 0.05       | 10.20   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05    | 0.05    | 0.05       | 5.41    | ppb   |
| Tin        | 118-1 | 0.02    | 0.03    | 0.03    | 0.03       | 14.85   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.18    | 0.16    | 0.18       | 8.95    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.90   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 21.31   | ppb   |
| Yttrium   | 89-1  |         |         |         | 99         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.12    | 0.85    | 0.08    | 0.35       | 124.22  | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.86   | ppb   |
| Zirconium | 91-1  | 0.02    | 0.03    | 0.02    | 0.03       | 16.88   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28935.30 | 29232.82 | 29194.12 | 29120.74   | 0.56    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.14     | 0.13     | 0.13       | 1.82    | ppb   |
| Arsenic    | 75-2  | 6.73     | 6.80     | 6.84     | 6.79       | 0.87    | ppb   |
| Barium     | 135-1 | 107.61   | 106.67   | 107.03   | 107.10     | 0.45    | ppb   |
| Barium     | 137-1 | 107.76   | 106.03   | 107.15   | 106.98     | 0.82    | ppb   |
| Beryllium  | 9-1   | 0.99     | 1.04     | 0.95     | 0.99       | 4.53    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.94     | 0.91     | 0.84     | 0.90       | 5.85    | ppb   |
| Cadmium    | 106-1 | -0.67    | -2.16    | -1.90    | -1.57      |         | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.08     | 0.11     | 0.13       | 46.43   | ppb   |
| Calcium    | 43-1  | 13304.55 | 13154.54 | 13113.10 | 13190.73   | 0.76    | ppb   |
| Calcium    | 44-1  | 12809.01 | 12841.87 | 12802.52 | 12817.80   | 0.16    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 31.91    | 32.18    | 31.91    | 32.00      | 0.48    | ppb   |
| Cobalt     | 59-2  | 32.11    | 32.16    | 32.02    | 32.10      | 0.22    | ppb   |
| Copper     | 63-2  | 91.50    | 92.02    | 91.12    | 91.55      | 0.50    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 54011.63 | 54953.52 | 54412.42 | 54459.19   | 0.87    | ppb   |
| Iron       | 57-2  | 53048.80 | 53497.07 | 52857.65 | 53134.50   | 0.62    | ppb   |
| Iron       | 54-2  | 54133.30 | 54571.50 | 54537.21 | 54414.00   | 0.45    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 92.02    | 94.84    | 91.77    | 92.88      | 1.84    | ppb   |
| Lead       | 207-1 | 87.92    | 89.62    | 87.63    | 88.39      | 1.22    | ppb   |
| Lead       | 208-1 | 92.54    | 93.31    | 92.56    | 92.81      | 0.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 116        |         | %     |
| Magnesium  | 24-2  | 14600.35 | 14624.60 | 14385.49 | 14536.82   | 0.91    | ppb   |
| Manganese  | 55-2  | 836.96   | 855.34   | 847.99   | 846.77     | 1.09    | ppb   |
| Molybdenum | 94-1  | 10.38    | 10.17    | 10.30    | 10.28      | 1.00    | ppb   |
| Molybdenum | 95-1  | 0.45     | 0.43     | 0.45     | 0.44       | 1.71    | ppb   |
| Molybdenum | 96-1  | 1.87     | 1.91     | 1.91     | 1.90       | 1.46    | ppb   |
| Molybdenum | 97-1  | 0.44     | 0.44     | 0.47     | 0.45       | 4.18    | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.41     | 0.41     | 0.42       | 3.08    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 41.83    | 41.91    | 42.47    | 42.07      | 0.83    | ppb   |
| Phosphorus | 31-2  | 806.47   | 822.99   | 817.15   | 815.54     | 1.03    | ppb   |
| Potassium  | 39-2  | 1058.27  | 1074.40  | 1064.98  | 1065.88    | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 82-1  | 0.40     | 0.23     | 0.21     | 0.28       | 36.89   | ppb   |
| Selenium   | 77-2  | 5.04     | 7.13     | 6.12     | 6.10       | 17.12   | ppb   |
| Selenium   | 78-2  | 1.29     | 0.44     | -0.22    | 0.50       | 150.65  | ppb   |
| Silicon    | 28-1  | 692.55   | 679.85   | 685.81   | 686.07     | 0.93    | ppb   |
| Silver     | 107-1 | 0.17     | 0.14     | 0.13     | 0.15       | 14.41   | ppb   |
| Silver     | 109-1 | 0.17     | 0.12     | 0.12     | 0.13       | 20.74   | ppb   |
| Sodium     | 23-2  | 449.58   | 460.58   | 453.52   | 454.56     | 1.23    | ppb   |
| Strontium  | 86-1  | 1926.84  | 1945.33  | 1944.34  | 1938.83    | 0.54    | ppb   |
| Strontium  | 88-1  | 1984.97  | 1996.98  | 2026.37  | 2002.77    | 1.06    | ppb   |
| Sulfur     | 34-1  | -862.79  | -1016.07 | -1076.32 | -985.06    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.26     | 0.28     | 0.27     | 0.27       | 3.22    | ppb   |
| Thallium   | 205-1 | 0.30     | 0.28     | 0.26     | 0.28       | 6.05    | ppb   |
| Tin        | 118-1 | 1.39     | 1.11     | 1.10     | 1.20       | 13.68   | ppb   |
| Titanium   | 47-1  | 195.04   | 194.89   | 195.97   | 195.30     | 0.30    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.99    | 1.00    | 1.00    | 1.00       | 0.50    | ppb   |
| Vanadium  | 51-2  | 123.91  | 125.11  | 124.71  | 124.58     | 0.49    | ppb   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 121.22  | 120.68  | 120.42  | 120.77     | 0.34    | ppb   |
| Zirconium | 90-1  | 5.38    | 5.40    | 5.43    | 5.40       | 0.44    | ppb   |
| Zirconium | 91-1  | 5.33    | 5.43    | 5.36    | 5.37       | 0.92    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29134.18 | 28709.27 | 28943.54 | 28929.00   | 0.74    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.12     | 0.13     | 0.13       | 2.74    | ppb   |
| Arsenic    | 75-2  | 6.91     | 7.15     | 7.39     | 7.15       | 3.36    | ppb   |
| Barium     | 135-1 | 106.90   | 109.17   | 107.35   | 107.81     | 1.11    | ppb   |
| Barium     | 137-1 | 106.20   | 108.54   | 107.40   | 107.38     | 1.09    | ppb   |
| Beryllium  | 9-1   | 1.00     | 0.93     | 1.03     | 0.99       | 5.11    | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.62     | 0.64     | 0.96     | 0.74       | 25.48   | ppb   |
| Cadmium    | 106-1 | -0.97    | -0.65    | -1.79    | -1.14      |         | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.22     | 0.16     | 0.19       | 15.58   | ppb   |
| Calcium    | 43-1  | 13086.85 | 13346.80 | 13172.15 | 13201.93   | 1.00    | ppb   |
| Calcium    | 44-1  | 12679.63 | 12931.55 | 12752.61 | 12787.93   | 1.01    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 31.87    | 31.88    | 31.94    | 31.90      | 0.12    | ppb   |
| Cobalt     | 59-2  | 32.04    | 32.00    | 32.03    | 32.02      | 0.06    | ppb   |
| Copper     | 63-2  | 91.64    | 91.63    | 92.35    | 91.87      | 0.45    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 54224.16 | 53926.20 | 54683.09 | 54277.81   | 0.70    | ppb   |
| Iron       | 57-2  | 53104.98 | 53222.38 | 53419.59 | 53248.98   | 0.30    | ppb   |
| Iron       | 54-2  | 54183.97 | 53866.17 | 54433.11 | 54161.08   | 0.52    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 90.99    | 92.94    | 93.41    | 92.45      | 1.39    | ppb   |
| Lead       | 207-1 | 86.81    | 88.07    | 89.05    | 87.98      | 1.28    | ppb   |
| Lead       | 208-1 | 91.51    | 92.41    | 93.17    | 92.36      | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 116        |         | %     |
| Magnesium  | 24-2  | 14467.87 | 14354.71 | 14560.23 | 14460.93   | 0.71    | ppb   |
| Manganese  | 55-2  | 839.88   | 830.84   | 848.28   | 839.66     | 1.04    | ppb   |
| Molybdenum | 94-1  | 10.00    | 10.47    | 10.17    | 10.21      | 2.30    | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.42     | 0.45     | 0.42       | 6.67    | ppb   |
| Molybdenum | 96-1  | 1.87     | 1.94     | 1.90     | 1.90       | 1.85    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.43     | 0.41     | 0.41       | 4.00    | ppb   |
| Molybdenum | 98-1  | 0.40     | 0.41     | 0.42     | 0.41       | 2.77    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.86    | 42.58    | 42.48    | 42.64      | 0.47    | ppb   |
| Phosphorus | 31-2  | 815.23   | 803.37   | 791.18   | 803.26     | 1.50    | ppb   |
| Potassium  | 39-2  | 1054.82  | 1053.03  | 1061.46  | 1056.44    | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 82-1  | -0.06    | -0.23    | 0.23     | -0.02      |         | ppb   |
| Selenium   | 77-2  | 5.86     | 4.53     | 3.71     | 4.70       | 23.00   | ppb   |
| Selenium   | 78-2  | 0.95     | 1.20     | 0.85     | 1.00       | 18.05   | ppb   |
| Silicon    | 28-1  | 675.12   | 695.25   | 685.77   | 685.38     | 1.47    | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.10     | 0.10       | 4.41    | ppb   |
| Silver     | 109-1 | 0.10     | 0.10     | 0.10     | 0.10       | 1.70    | ppb   |
| Sodium     | 23-2  | 447.92   | 453.44   | 454.77   | 452.04     | 0.80    | ppb   |
| Strontium  | 86-1  | 1919.70  | 1950.28  | 1936.86  | 1935.61    | 0.79    | ppb   |
| Strontium  | 88-1  | 2015.61  | 2002.00  | 2011.65  | 2009.75    | 0.35    | ppb   |
| Sulfur     | 34-1  | -1349.91 | -1326.40 | -1375.84 | -1350.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.22     | 0.22     | 0.26     | 0.23       | 11.50   | ppb   |
| Thallium   | 205-1 | 0.22     | 0.23     | 0.24     | 0.23       | 3.03    | ppb   |
| Tin        | 118-1 | 1.21     | 1.20     | 1.31     | 1.24       | 4.73    | ppb   |
| Titanium   | 47-1  | 195.02   | 198.46   | 194.95   | 196.14     | 1.02    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.98    | 0.98    | 1.01    | 0.99       | 1.50    | ppb   |
| Vanadium  | 51-2  | 124.07  | 125.55  | 126.28  | 125.30     | 0.90    | ppb   |
| Yttrium   | 89-1  |         |         |         | 112        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 122.19  | 120.76  | 120.49  | 121.15     | 0.76    | ppb   |
| Zirconium | 90-1  | 5.42    | 5.41    | 5.41    | 5.41       | 0.11    | ppb   |
| Zirconium | 91-1  | 5.31    | 5.50    | 5.38    | 5.40       | 1.79    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5965.99  | 6035.88  | 5988.76  | 5996.88    | 0.59    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.03     | 0.03     | 0.03       | 5.18    | ppb   |
| Arsenic    | 75-2  | 1.50     | 1.34     | 1.59     | 1.48       | 8.47    | ppb   |
| Barium     | 135-1 | 21.98    | 21.88    | 21.91    | 21.92      | 0.22    | ppb   |
| Barium     | 137-1 | 21.66    | 22.09    | 22.05    | 21.93      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.28     | 0.21     | 0.30     | 0.26       | 17.79   | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 0.20     | 0.08     | 0.08     | 0.12       | 61.01   | ppb   |
| Cadmium    | 106-1 | -4.12    | -4.02    | -3.63    | -3.92      |         | ppb   |
| Cadmium    | 111-1 | -0.24    | -0.21    | -0.19    | -0.21      |         | ppb   |
| Calcium    | 43-1  | 2690.68  | 2724.04  | 2778.28  | 2731.00    | 1.62    | ppb   |
| Calcium    | 44-1  | 2720.48  | 2777.47  | 2754.71  | 2750.89    | 1.04    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 6.61     | 6.64     | 6.74     | 6.66       | 1.03    | ppb   |
| Cobalt     | 59-2  | 6.54     | 6.73     | 6.74     | 6.67       | 1.67    | ppb   |
| Copper     | 63-2  | 19.31    | 19.48    | 19.26    | 19.35      | 0.60    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 11227.35 | 11274.38 | 11323.71 | 11275.15   | 0.43    | ppb   |
| Iron       | 57-2  | 11199.02 | 11255.60 | 11275.68 | 11243.43   | 0.35    | ppb   |
| Iron       | 54-2  | 11206.78 | 11494.71 | 11420.95 | 11374.15   | 1.31    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 18.87    | 19.39    | 18.52    | 18.92      | 2.31    | ppb   |
| Lead       | 207-1 | 18.04    | 18.56    | 17.89    | 18.16      | 1.92    | ppb   |
| Lead       | 208-1 | 18.22    | 18.59    | 18.03    | 18.28      | 1.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 110        |         | %     |
| Magnesium  | 24-2  | 2873.73  | 2986.10  | 2905.66  | 2921.83    | 1.98    | ppb   |
| Manganese  | 55-2  | 169.88   | 171.27   | 172.82   | 171.32     | 0.86    | ppb   |
| Molybdenum | 94-1  | 2.10     | 2.08     | 2.06     | 2.08       | 0.84    | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.09     | 0.11     | 0.09       | 10.89   | ppb   |
| Molybdenum | 96-1  | 0.42     | 0.38     | 0.40     | 0.40       | 4.13    | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.09     | 0.14     | 0.12       | 21.74   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.08     | 0.08     | 0.09       | 14.30   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.54     | 8.79     | 9.24     | 8.85       | 4.00    | ppb   |
| Phosphorus | 31-2  | 138.15   | 165.30   | 155.26   | 152.90     | 8.98    | ppb   |
| Potassium  | 39-2  | 217.90   | 222.14   | 220.20   | 220.08     | 0.96    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 82-1  | 0.04     | -0.07    | -0.07    | -0.03      |         | ppb   |
| Selenium   | 77-2  | 0.84     | 1.17     | 1.37     | 1.13       | 23.60   | ppb   |
| Selenium   | 78-2  | -0.32    | 0.97     | -0.43    | 0.08       | 1010.02 | ppb   |
| Silicon    | 28-1  | 138.36   | 138.93   | 141.05   | 139.45     | 1.02    | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 10.05   | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.02     | 0.03       | 7.63    | ppb   |
| Sodium     | 23-2  | 116.82   | 118.13   | 116.85   | 117.27     | 0.64    | ppb   |
| Strontium  | 86-1  | 407.98   | 408.59   | 402.49   | 406.35     | 0.83    | ppb   |
| Strontium  | 88-1  | 409.02   | 403.62   | 405.76   | 406.13     | 0.67    | ppb   |
| Sulfur     | 34-1  | -1619.19 | -1567.93 | -1535.18 | -1574.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.08     | 0.07     | 0.08       | 7.12    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.07     | 0.07     | 0.07       | 8.01    | ppb   |
| Tin        | 118-1 | 0.32     | 0.28     | 0.29     | 0.29       | 7.17    | ppb   |
| Titanium   | 47-1  | 39.97    | 40.55    | 40.43    | 40.32      | 0.76    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.20    | 0.21    | 0.20    | 0.20       | 3.28    | ppb   |
| Vanadium  | 51-2  | 25.96   | 25.81   | 26.10   | 25.96      | 0.55    | ppb   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 25.24   | 25.42   | 25.92   | 25.53      | 1.39    | ppb   |
| Zirconium | 90-1  | 1.13    | 1.11    | 1.11    | 1.12       | 1.11    | ppb   |
| Zirconium | 91-1  | 1.10    | 1.11    | 1.14    | 1.12       | 1.77    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29266.55 | 29025.64 | 29140.90 | 29144.36   | 0.41    | ppb   |
| Antimony   | 121-1 | 21.46    | 21.50    | 21.33    | 21.43      | 0.41    | ppb   |
| Arsenic    | 75-2  | 16.25    | 14.69    | 14.86    | 15.27      | 5.59    | ppb   |
| Barium     | 135-1 | 531.52   | 517.28   | 511.19   | 520.00     | 2.01    | ppb   |
| Barium     | 137-1 | 544.33   | 537.25   | 528.99   | 536.86     | 1.43    | ppb   |
| Beryllium  | 9-1   | 11.64    | 11.41    | 11.15    | 11.40      | 2.14    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 12.17    | 11.12    | 11.34    | 11.54      | 4.76    | ppb   |
| Cadmium    | 106-1 | 9.46     | 6.56     | 6.53     | 7.52       | 22.43   | ppb   |
| Cadmium    | 111-1 | 11.22    | 10.96    | 10.90    | 11.03      | 1.57    | ppb   |
| Calcium    | 43-1  | 13236.74 | 13217.15 | 13152.34 | 13202.08   | 0.33    | ppb   |
| Calcium    | 44-1  | 12740.66 | 12883.98 | 12693.63 | 12772.76   | 0.78    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 72.82    | 72.77    | 73.31    | 72.97      | 0.40    | ppb   |
| Cobalt     | 59-2  | 132.22   | 132.53   | 133.07   | 132.60     | 0.32    | ppb   |
| Copper     | 63-2  | 138.57   | 139.27   | 140.20   | 139.35     | 0.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 54853.56 | 54177.17 | 54814.79 | 54615.17   | 0.70    | ppb   |
| Iron       | 57-2  | 53541.51 | 52840.32 | 53628.44 | 53336.76   | 0.81    | ppb   |
| Iron       | 54-2  | 55355.96 | 54818.10 | 54491.68 | 54888.58   | 0.80    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 95.75    | 97.87    | 97.89    | 97.17      | 1.26    | ppb   |
| Lead       | 207-1 | 92.52    | 94.62    | 93.66    | 93.60      | 1.12    | ppb   |
| Lead       | 208-1 | 95.70    | 98.51    | 97.97    | 97.40      | 1.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 114        |         | %     |
| Magnesium  | 24-2  | 14538.08 | 14328.39 | 14590.68 | 14485.72   | 0.96    | ppb   |
| Manganese  | 55-2  | 945.79   | 941.31   | 947.92   | 945.00     | 0.36    | ppb   |
| Molybdenum | 94-1  | 161.86   | 164.08   | 164.42   | 163.45     | 0.85    | ppb   |
| Molybdenum | 95-1  | 185.78   | 188.17   | 187.68   | 187.21     | 0.67    | ppb   |
| Molybdenum | 96-1  | 183.23   | 186.02   | 185.84   | 185.03     | 0.84    | ppb   |
| Molybdenum | 97-1  | 187.27   | 189.83   | 189.16   | 188.76     | 0.70    | ppb   |
| Molybdenum | 98-1  | 187.14   | 190.50   | 187.95   | 188.53     | 0.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 147.37   | 145.60   | 146.89   | 146.62     | 0.63    | ppb   |
| Phosphorus | 31-2  | 803.50   | 760.20   | 809.40   | 791.03     | 3.40    | ppb   |
| Potassium  | 39-2  | 1061.08  | 1055.42  | 1071.34  | 1062.61    | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | 21.13    | 20.10    | 20.34    | 20.52      | 2.65    | ppb   |
| Selenium   | 77-2  | 27.79    | 25.63    | 26.13    | 26.51      | 4.28    | ppb   |
| Selenium   | 78-2  | 24.17    | 24.38    | 24.69    | 24.41      | 1.07    | ppb   |
| Silicon    | 28-1  | 693.64   | 691.23   | 683.42   | 689.43     | 0.77    | ppb   |
| Silver     | 107-1 | 10.89    | 10.96    | 10.91    | 10.92      | 0.31    | ppb   |
| Silver     | 109-1 | 10.90    | 10.94    | 10.81    | 10.88      | 0.60    | ppb   |
| Sodium     | 23-2  | 447.06   | 446.57   | 450.84   | 448.16     | 0.52    | ppb   |
| Strontium  | 86-1  | 1932.63  | 1940.20  | 1944.84  | 1939.22    | 0.32    | ppb   |
| Strontium  | 88-1  | 2023.56  | 2036.36  | 2005.24  | 2021.72    | 0.77    | ppb   |
| Sulfur     | 34-1  | -1611.67 | -1600.35 | -1607.59 | -1606.54   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 9.86     | 10.12    | 9.98     | 9.99       | 1.29    | ppb   |
| Thallium   | 205-1 | 9.56     | 9.91     | 9.98     | 9.81       | 2.30    | ppb   |
| Tin        | 118-1 | 1.25     | 1.17     | 1.16     | 1.20       | 3.93    | ppb   |
| Titanium   | 47-1  | 195.46   | 196.03   | 193.66   | 195.05     | 0.63    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.98    | 1.01    | 1.02    | 1.01       | 2.19    | ppb   |
| Vanadium  | 51-2  | 226.51  | 225.54  | 225.45  | 225.83     | 0.26    | ppb   |
| Yttrium   | 89-1  |         |         |         | 111        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 221.15  | 221.77  | 222.06  | 221.66     | 0.21    | ppb   |
| Zirconium | 90-1  | 5.42    | 5.41    | 5.39    | 5.41       | 0.23    | ppb   |
| Zirconium | 91-1  | 5.41    | 5.47    | 5.45    | 5.44       | 0.61    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49408.84  | 49372.42  | 49712.04  | 49497.76   | 0.38    | ppb   |
| Antimony   | 121-1 | 507.74    | 508.41    | 494.77    | 503.64     | 1.53    | ppb   |
| Arsenic    | 75-2  | 482.46    | 487.55    | 489.12    | 486.38     | 0.72    | ppb   |
| Barium     | 135-1 | 2521.80   | 2560.59   | 2500.70   | 2527.69    | 1.20    | ppb   |
| Barium     | 137-1 | 2526.28   | 2550.94   | 2482.77   | 2519.99    | 1.37    | ppb   |
| Beryllium  | 9-1   | 508.11    | 493.92    | 505.51    | 502.51     | 1.50    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 493.04    | 501.19    | 492.29    | 495.51     | 1.00    | ppb   |
| Cadmium    | 106-1 | 484.31    | 494.46    | 483.72    | 487.50     | 1.24    | ppb   |
| Cadmium    | 111-1 | 475.07    | 483.82    | 472.19    | 477.03     | 1.27    | ppb   |
| Calcium    | 43-1  | 248402.23 | 252498.39 | 253899.24 | 251599.95  | 1.14    | ppb   |
| Calcium    | 44-1  | 250248.55 | 252483.23 | 254804.95 | 252512.24  | 0.90    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 485.20    | 499.14    | 493.54    | 492.63     | 1.42    | ppb   |
| Cobalt     | 59-2  | 475.95    | 488.45    | 480.31    | 481.57     | 1.32    | ppb   |
| Copper     | 63-2  | 4607.44   | 4696.19   | 4668.30   | 4657.31    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 126736.48 | 129524.21 | 128590.08 | 128283.59  | 1.11    | ppb   |
| Iron       | 57-2  | 126463.83 | 128500.59 | 127556.45 | 127506.96  | 0.80    | ppb   |
| Iron       | 54-2  | 125755.22 | 128813.09 | 127534.47 | 127367.59  | 1.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 2527.31   | 2528.54   | 2546.06   | 2533.97    | 0.41    | ppb   |
| Lead       | 207-1 | 2519.86   | 2505.90   | 2532.80   | 2519.52    | 0.53    | ppb   |
| Lead       | 208-1 | 2519.07   | 2513.39   | 2529.04   | 2520.50    | 0.31    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 249600.68 | 250957.47 | 248979.56 | 249845.90  | 0.40    | ppb   |
| Manganese  | 55-2  | 4790.78   | 4950.76   | 4861.66   | 4867.73    | 1.65    | ppb   |
| Molybdenum | 94-1  | 4958.02   | 4932.21   | 5056.03   | 4982.09    | 1.31    | ppb   |
| Molybdenum | 95-1  | 4952.47   | 4960.56   | 5064.52   | 4992.52    | 1.25    | ppb   |
| Molybdenum | 96-1  | 4955.86   | 4996.26   | 5043.39   | 4998.50    | 0.88    | ppb   |
| Molybdenum | 97-1  | 4934.70   | 4960.20   | 5027.67   | 4974.19    | 0.97    | ppb   |
| Molybdenum | 98-1  | 4944.11   | 4944.78   | 5024.54   | 4971.14    | 0.93    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 466.88    | 475.03    | 472.78    | 471.56     | 0.89    | ppb   |
| Phosphorus | 31-2  | 9887.23   | 10029.10  | 9851.77   | 9922.70    | 0.95    | ppb   |
| Potassium  | 39-2  | 122394.40 | 123722.92 | 121490.29 | 122535.87  | 0.92    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 82-1  | 472.28    | 477.70    | 481.01    | 477.00     | 0.92    | ppb   |
| Selenium   | 77-2  | 477.98    | 466.33    | 484.70    | 476.34     | 1.95    | ppb   |
| Selenium   | 78-2  | 463.24    | 462.40    | 475.19    | 466.94     | 1.53    | ppb   |
| Silicon    | 28-1  | 427.16    | 424.80    | 427.74    | 426.57     | 0.37    | ppb   |
| Silver     | 107-1 | 489.85    | 493.55    | 482.40    | 488.60     | 1.16    | ppb   |
| Silver     | 109-1 | 491.31    | 496.74    | 484.95    | 491.00     | 1.20    | ppb   |
| Sodium     | 23-2  | 245493.00 | 250234.75 | 247814.98 | 247847.58  | 0.96    | ppb   |
| Strontium  | 86-1  | 12284.36  | 12259.81  | 12333.97  | 12292.71   | 0.31    | ppb   |
| Strontium  | 88-1  | 12347.85  | 12553.97  | 12549.20  | 12483.67   | 0.94    | ppb   |
| Sulfur     | 34-1  | 9798.79   | 9782.01   | 9795.76   | 9792.19    | 0.09    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 511.43    | 507.06    | 507.61    | 508.70     | 0.47    | ppb   |
| Thallium   | 205-1 | 510.40    | 502.81    | 506.03    | 506.41     | 0.75    | ppb   |
| Tin        | 118-1 | 503.35    | 514.61    | 496.82    | 504.93     | 1.78    | ppb   |
| Titanium   | 47-1  | 4945.08   | 5040.16   | 5033.45   | 5006.23    | 1.06    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 516.81  | 517.57  | 512.04  | 515.47     | 0.58    | ppb   |
| Vanadium  | 51-2  | 499.35  | 494.00  | 488.13  | 493.83     | 1.14    | ppb   |
| Yttrium   | 89-1  |         |         |         | 95         |         | %     |
| Yttrium   | 89-2  |         |         |         | 94         |         | %     |
| Zinc      | 66-2  | 4599.04 | 4645.66 | 4613.71 | 4619.47    | 0.52    | ppb   |
| Zirconium | 90-1  | 496.67  | 493.75  | 504.74  | 498.39     | 1.14    | ppb   |
| Zirconium | 91-1  | 491.29  | 494.80  | 502.99  | 496.36     | 1.21    | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.78    | 6.77    | 6.12    | 6.89       | 12.10   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.24    | 0.21    | 0.24       | 10.65   | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.08    | 0.02    | 0.06       | 53.03   | ppb   |
| Barium     | 135-1 | 0.63    | 0.63    | 0.51    | 0.59       | 11.38   | ppb   |
| Barium     | 137-1 | 0.68    | 0.60    | 0.52    | 0.60       | 13.25   | ppb   |
| Beryllium  | 9-1   | 0.22    | 0.17    | 0.15    | 0.18       | 19.71   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.23    | 0.10    | 0.00    | 0.11       | 104.78  | ppb   |
| Cadmium    | 106-1 | -4.25   | -5.45   | -5.37   | -5.02      |         | ppb   |
| Cadmium    | 111-1 | -0.20   | -0.25   | -0.23   | -0.23      |         | ppb   |
| Calcium    | 43-1  | 68.89   | 65.24   | 54.60   | 62.91      | 11.80   | ppb   |
| Calcium    | 44-1  | 70.54   | 63.66   | 56.77   | 63.66      | 10.82   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.10    | 0.07    | 0.05    | 0.07       | 29.28   | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.06    | 0.03    | 0.05       | 43.14   | ppb   |
| Copper     | 63-2  | 1.00    | 0.95    | 0.72    | 0.89       | 16.82   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 22.74   | 19.90   | 17.15   | 19.93      | 14.04   | ppb   |
| Iron       | 57-2  | 20.67   | 17.51   | 15.74   | 17.97      | 13.90   | ppb   |
| Iron       | 54-2  | 22.95   | 18.41   | 16.78   | 19.38      | 16.51   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.66    | 0.60    | 0.56    | 0.61       | 8.35    | ppb   |
| Lead       | 207-1 | 0.64    | 0.62    | 0.53    | 0.60       | 10.25   | ppb   |
| Lead       | 208-1 | 0.65    | 0.61    | 0.54    | 0.60       | 9.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 38.39   | 32.90   | 29.32   | 33.53      | 13.62   | ppb   |
| Manganese  | 55-2  | 0.78    | 0.70    | 0.57    | 0.68       | 15.66   | ppb   |
| Molybdenum | 94-1  | 1.52    | 1.29    | 1.15    | 1.32       | 14.39   | ppb   |
| Molybdenum | 95-1  | 1.39    | 1.27    | 1.13    | 1.26       | 10.12   | ppb   |
| Molybdenum | 96-1  | 1.38    | 1.29    | 1.13    | 1.26       | 10.20   | ppb   |
| Molybdenum | 97-1  | 1.41    | 1.30    | 1.18    | 1.30       | 8.90    | ppb   |
| Molybdenum | 98-1  | 1.36    | 1.24    | 1.13    | 1.24       | 9.25    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.08    | 0.02    | 0.03       | 139.58  | ppb   |
| Phosphorus | 31-2  | -14.60  | -12.07  | -13.05  | -13.24     |         | ppb   |
| Potassium  | 39-2  | 18.44   | 13.76   | 12.04   | 14.74      | 22.46   | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 82-1  | -0.28   | 0.01    | -0.19   | -0.15      |         | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.19   | 1.19    | -0.75   | 0.09       | 1141.78 | ppb   |
| Silicon    | 28-1  | -8.01   | -7.98   | -7.75   | -7.91      |         | ppb   |
| Silver     | 107-1 | 0.20    | 0.17    | 0.14    | 0.17       | 16.48   | ppb   |
| Silver     | 109-1 | 0.20    | 0.16    | 0.14    | 0.16       | 18.68   | ppb   |
| Sodium     | 23-2  | 65.80   | 59.50   | 53.07   | 59.46      | 10.70   | ppb   |
| Strontium  | 86-1  | 2.38    | 1.98    | 3.42    | 2.60       | 28.74   | ppb   |
| Strontium  | 88-1  | 3.35    | 3.13    | 2.67    | 3.05       | 11.42   | ppb   |
| Sulfur     | 34-1  | -663.79 | -657.17 | -563.51 | -628.16    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.17    | 0.15    | 0.14    | 0.15       | 9.83    | ppb   |
| Thallium   | 205-1 | 0.18    | 0.16    | 0.14    | 0.16       | 13.24   | ppb   |
| Tin        | 118-1 | 0.15    | 0.14    | 0.13    | 0.14       | 6.86    | ppb   |
| Titanium   | 47-1  | 1.41    | 1.22    | 1.14    | 1.25       | 11.07   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.12    | 0.11    | 0.10    | 0.11       | 9.75    | ppb   |
| Vanadium  | 51-2  | 0.08    | 0.07    | 0.06    | 0.07       | 16.96   | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 0.80    | 0.88    | 0.78    | 0.82       | 6.97    | ppb   |
| Zirconium | 90-1  | 0.15    | 0.14    | 0.13    | 0.14       | 5.89    | ppb   |
| Zirconium | 91-1  | 0.17    | 0.15    | 0.14    | 0.15       | 11.70   | ppb   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 123      | 70       | 110      | 101      | 27.45  | cps   |
| Antimony   | 121-1 | 23       | 53       | 27       | 34       | 47.73  | cps   |
| Arsenic    | 75-2  | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Barium     | 135-1 | 43       | 40       | 30       | 38       | 18.36  | cps   |
| Barium     | 137-1 | 47       | 63       | 80       | 63       | 26.31  | cps   |
| Beryllium  | 9-1   | 33       | 50       | 43       | 42       | 19.87  | cps   |
| Bismuth    | 209-1 | 9831193  | 9905555  | 9814523  | 9850424  | 0.49   | cps   |
| Bismuth    | 209-2 | 7787476  | 7789703  | 7781607  | 7786262  | 0.05   | cps   |
| Bromine    | 81-1  | 14467    | 14948    | 14280    | 14565    | 2.36   | cps   |
| Bromine    | 81-2  | 167      | 160      | 113      | 147      | 19.82  | cps   |
| Cadmium    | 108-1 | 47       | 33       | 23       | 34       | 34.00  | cps   |
| Cadmium    | 106-1 | 14017    | 13920    | 14007    | 13981    | 0.38   | cps   |
| Cadmium    | 111-1 | 9786     | 9744     | 9805     | 9778     | 0.32   | cps   |
| Calcium    | 43-1  | 457      | 463      | 477      | 466      | 2.19   | cps   |
| Calcium    | 44-1  | 13050    | 13333    | 13213    | 13199    | 1.08   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 3117     | 3070     | 2917     | 3035     | 3.45   | cps   |
| Cobalt     | 59-2  | 197      | 203      | 190      | 197      | 3.39   | cps   |
| Copper     | 63-2  | 2534     | 2477     | 2597     | 2536     | 2.37   | cps   |
| Dysprosium | 156-1 | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 110      | 47       | 77       | 78       | 40.73  | cps   |
| Erbium     | 164-2 | 63       | 30       | 57       | 50       | 35.28  | cps   |
| Gadolinium | 160-1 | 97       | 103      | 113      | 104      | 8.03   | cps   |
| Gadolinium | 160-2 | 547      | 623      | 597      | 589      | 6.61   | cps   |
| Holmium    | 165-1 | 15018441 | 15236426 | 15110153 | 15121674 | 0.72   | cps   |
| Holmium    | 165-2 | 10759005 | 10673259 | 10770175 | 10734146 | 0.49   | cps   |
| Indium     | 115-1 | 11507353 | 11612212 | 11616918 | 11578828 | 0.53   | cps   |
| Indium     | 115-2 | 4612655  | 4609096  | 4519556  | 4580436  | 1.15   | cps   |
| Iron       | 56-2  | 24530    | 24520    | 24714    | 24588    | 0.44   | cps   |
| Iron       | 57-2  | 1520     | 1490     | 1560     | 1523     | 2.31   | cps   |
| Iron       | 54-2  | 2700     | 2730     | 2940     | 2790     | 4.69   | cps   |
| Krypton    | 83-1  | 157      | 187      | 197      | 180      | 11.56  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 757      | 637      | 677      | 690      | 8.86   | cps   |
| Lead       | 207-1 | 650      | 640      | 540      | 610      | 9.97   | cps   |
| Lead       | 208-1 | 2827     | 2583     | 2600     | 2670     | 5.09   | cps   |
| Lithium    | 6-1   | 1297261  | 1302669  | 1268205  | 1289378  | 1.44   | cps   |
| Magnesium  | 24-2  | 710      | 803      | 747      | 753      | 6.24   | cps   |
| Manganese  | 55-2  | 447      | 393      | 387      | 409      | 8.04   | cps   |
| Molybdenum | 94-1  | 447      | 420      | 497      | 454      | 8.56   | cps   |
| Molybdenum | 95-1  | 360      | 387      | 367      | 371      | 3.74   | cps   |
| Molybdenum | 96-1  | 543      | 390      | 437      | 457      | 17.21  | cps   |
| Molybdenum | 97-1  | 237      | 247      | 260      | 248      | 4.72   | cps   |
| Molybdenum | 98-1  | 640      | 720      | 590      | 650      | 10.09  | cps   |
| Neodymium  | 150-1 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 1080     | 1053     | 1013     | 1049     | 3.20   | cps   |
| Phosphorus | 31-2  | 267      | 293      | 220      | 260      | 14.28  | cps   |
| Potassium  | 39-2  | 52146    | 51841    | 52667    | 52218    | 0.80   | cps   |
| Rhodium    | 103-1 | 10659710 | 10582127 | 10583179 | 10608339 | 0.42   | cps   |
| Rhodium    | 103-2 | 6588147  | 6625448  | 6542758  | 6585451  | 0.63   | cps   |
| Scandium   | 45-1  | 5774090  | 5733380  | 5832907  | 5780126  | 0.87   | cps   |
| Scandium   | 45-2  | 567393   | 567851   | 561903   | 565716   | 0.59   | cps   |
| Selenium   | 82-1  | 552      | 496      | 505      | 518      | 5.82   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 403      | 403      | 377      | 394      | 3.90   | cps   |
| Silicon    | 28-1  | 1245836  | 1237524  | 1230263  | 1237874  | 0.63   | cps   |
| Silver     | 107-1 | 90       | 83       | 103      | 92       | 11.05  | cps   |
| Silver     | 109-1 | 47       | 27       | 37       | 37       | 27.27  | cps   |
| Sodium     | 23-2  | 15805    | 15458    | 15505    | 15589    | 1.21   | cps   |
| Strontium  | 86-1  | 363      | 290      | 283      | 312      | 14.22  | cps   |
| Strontium  | 88-1  | 233      | 210      | 183      | 209      | 11.98  | cps   |
| Sulfur     | 34-1  | 165014   | 167159   | 166641   | 166271   | 0.67   | cps   |
| Terbium    | 159-1 | 15272892 | 15268987 | 15264856 | 15268912 | 0.03   | cps   |
| Terbium    | 159-2 | 10602264 | 10587393 | 10334279 | 10507978 | 1.43   | cps   |
| Thallium   | 203-1 | 163      | 133      | 157      | 151      | 10.42  | cps   |
| Thallium   | 205-1 | 317      | 260      | 303      | 293      | 10.10  | cps   |
| Tin        | 118-1 | 700      | 760      | 757      | 739      | 4.56   | cps   |
| Titanium   | 47-1  | 60       | 53       | 100      | 71       | 35.50  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:29:26 DataFile Name : 004CALB.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 40       | 30       | 37       | 36       | 14.32  | cps   |
| Vanadium  | 51-2  | 17       | 27       | 3        | 16       | 75.27  | cps   |
| Yttrium   | 89-1  | 17226958 | 17165044 | 17484563 | 17292189 | 0.98   | cps   |
| Yttrium   | 89-2  | 5182390  | 5220014  | 5141569  | 5181324  | 0.76   | cps   |
| Zinc      | 66-2  | 313      | 407      | 400      | 373      | 13.95  | cps   |
| Zirconium | 90-1  | 797      | 790      | 780      | 789      | 1.06   | cps   |
| Zirconium | 91-1  | 83       | 87       | 117      | 96       | 19.21  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 707      | 727      | 767      | 733      | 4.17   | cps   |
| Antimony   | 121-1 | 2394     | 2450     | 2454     | 2432     | 1.39   | cps   |
| Arsenic    | 75-2  | 57       | 60       | 60       | 59       | 3.26   | cps   |
| Barium     | 135-1 | 2977     | 3000     | 2974     | 2984     | 0.49   | cps   |
| Barium     | 137-1 | 5158     | 5094     | 5128     | 5127     | 0.62   | cps   |
| Beryllium  | 9-1   | 150      | 187      | 203      | 180      | 15.16  | cps   |
| Bismuth    | 209-1 | 9889488  | 9833503  | 9918812  | 9880601  | 0.44   | cps   |
| Bismuth    | 209-2 | 7792554  | 7813907  | 7776882  | 7794448  | 0.24   | cps   |
| Bromine    | 81-1  | 14604    | 14140    | 14571    | 14438    | 1.79   | cps   |
| Bromine    | 81-2  | 100      | 117      | 130      | 116      | 13.01  | cps   |
| Cadmium    | 108-1 | 40       | 27       | 67       | 44       | 45.82  | cps   |
| Cadmium    | 106-1 | 13586    | 14067    | 14527    | 14060    | 3.35   | cps   |
| Cadmium    | 111-1 | 9742     | 10152    | 10492    | 10129    | 3.71   | cps   |
| Calcium    | 43-1  | 1887     | 2130     | 1903     | 1973     | 6.89   | cps   |
| Calcium    | 44-1  | 36889    | 37340    | 37784    | 37337    | 1.20   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 4291     | 4101     | 4211     | 4201     | 2.27   | cps   |
| Cobalt     | 59-2  | 980      | 1060     | 970      | 1003     | 4.92   | cps   |
| Copper     | 63-2  | 3654     | 3584     | 3477     | 3572     | 2.49   | cps   |
| Dysprosium | 156-1 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 53       | 57       | 87       | 66       | 28.01  | cps   |
| Erbium     | 164-2 | 60       | 33       | 47       | 47       | 28.58  | cps   |
| Gadolinium | 160-1 | 80       | 63       | 97       | 80       | 20.84  | cps   |
| Gadolinium | 160-2 | 683      | 663      | 670      | 672      | 1.51   | cps   |
| Holmium    | 165-1 | 15322115 | 15076488 | 15217173 | 15205259 | 0.81   | cps   |
| Holmium    | 165-2 | 10820063 | 10791164 | 10886269 | 10832499 | 0.45   | cps   |
| Indium     | 115-1 | 11602800 | 11726304 | 11485227 | 11604777 | 1.04   | cps   |
| Indium     | 115-2 | 4630782  | 4616045  | 4621677  | 4622835  | 0.16   | cps   |
| Iron       | 56-2  | 51062    | 47826    | 47729    | 48872    | 3.88   | cps   |
| Iron       | 57-2  | 2170     | 2197     | 2177     | 2181     | 0.64   | cps   |
| Iron       | 54-2  | 4114     | 4087     | 4067     | 4089     | 0.57   | cps   |
| Krypton    | 83-1  | 187      | 213      | 220      | 207      | 8.53   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 1530     | 1617     | 1750     | 1632     | 6.79   | cps   |
| Lead       | 207-1 | 1383     | 1323     | 1363     | 1357     | 2.25   | cps   |
| Lead       | 208-1 | 6491     | 6404     | 6577     | 6491     | 1.34   | cps   |
| Lithium    | 6-1   | 1290919  | 1291474  | 1321189  | 1301194  | 1.33   | cps   |
| Magnesium  | 24-2  | 21115    | 20918    | 21352    | 21128    | 1.03   | cps   |
| Manganese  | 55-2  | 847      | 863      | 827      | 846      | 2.17   | cps   |
| Molybdenum | 94-1  | 2707     | 2614     | 2637     | 2652     | 1.83   | cps   |
| Molybdenum | 95-1  | 3127     | 3220     | 3124     | 3157     | 1.74   | cps   |
| Molybdenum | 96-1  | 3751     | 3400     | 3641     | 3597     | 4.98   | cps   |
| Molybdenum | 97-1  | 2077     | 2027     | 2080     | 2061     | 1.45   | cps   |
| Molybdenum | 98-1  | 4901     | 5074     | 5408     | 5128     | 5.02   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 3        | 8        | 65.47  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 1183     | 1100     | 1253     | 1179     | 6.51   | cps   |
| Phosphorus | 31-2  | 257      | 300      | 293      | 283      | 8.24   | cps   |
| Potassium  | 39-2  | 80699    | 79948    | 80045    | 80231    | 0.51   | cps   |
| Rhodium    | 103-1 | 10887637 | 10709924 | 10789508 | 10795690 | 0.82   | cps   |
| Rhodium    | 103-2 | 6613184  | 6690101  | 6683610  | 6662298  | 0.64   | cps   |
| Scandium   | 45-1  | 5836817  | 5792365  | 5795756  | 5808312  | 0.43   | cps   |
| Scandium   | 45-2  | 568553   | 570087   | 569686   | 569442   | 0.14   | cps   |
| Selenium   | 82-1  | Rejected | Rejected | Rejected |          |        | cps   |
| Selenium   | 77-2  | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Selenium   | 78-2  | 540      | 550      | 410      | 500      | 15.62  | cps   |
| Silicon    | 28-1  | 1260696  | 1255079  | 1264568  | 1260114  | 0.38   | cps   |
| Silver     | 107-1 | 1520     | 1457     | 1463     | 1480     | 2.35   | cps   |
| Silver     | 109-1 | 1380     | 1327     | 1287     | 1331     | 3.52   | cps   |
| Sodium     | 23-2  | 47774    | 47229    | 47563    | 47522    | 0.58   | cps   |
| Strontium  | 86-1  | 653      | 587      | 653      | 631      | 6.10   | cps   |
| Strontium  | 88-1  | 3270     | 3384     | 3317     | 3324     | 1.71   | cps   |
| Sulfur     | 34-1  | 164585   | 164650   | 165094   | 164776   | 0.17   | cps   |
| Terbium    | 159-1 | 15275784 | 15456438 | 15446842 | 15393021 | 0.66   | cps   |
| Terbium    | 159-2 | 10586585 | 10737740 | 10537690 | 10620672 | 0.98   | cps   |
| Thallium   | 203-1 | 1203     | 1223     | 1280     | 1236     | 3.22   | cps   |
| Thallium   | 205-1 | 2960     | 2980     | 2830     | 2924     | 2.79   | cps   |
| Tin        | 118-1 | 5588     | 5548     | 5548     | 5561     | 0.42   | cps   |
| Titanium   | 47-1  | 700      | 827      | 690      | 739      | 10.31  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S01 Instrumnet Name : P7  
Client Sample ID : S01 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:32:41 DataFile Name : 005CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 3667     | 3504     | 3577     | 3583     | 2.28   | cps   |
| Vanadium  | 51-2  | 2084     | 2073     | 2244     | 2134     | 4.47   | cps   |
| Yttrium   | 89-1  | 17604399 | 17519433 | 17392131 | 17505321 | 0.61   | cps   |
| Yttrium   | 89-2  | 5213445  | 5254884  | 5235713  | 5234681  | 0.40   | cps   |
| Zinc      | 66-2  | Rejected | Rejected | Rejected |          |        | cps   |
| Zirconium | 90-1  | 2604     | 2617     | 2564     | 2595     | 1.07   | cps   |
| Zirconium | 91-1  | 523      | 503      | 570      | 532      | 6.43   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5244     | 5021     | 4911     | 5059     | 3.36   | cps   |
| Antimony   | 121-1 | 22771    | 23376    | 23656    | 23268    | 1.94   | cps   |
| Arsenic    | 75-2  | 687      | 640      | 727      | 684      | 6.34   | cps   |
| Barium     | 135-1 | 29557    | 29738    | 29414    | 29570    | 0.55   | cps   |
| Barium     | 137-1 | 51975    | 50931    | 51657    | 51521    | 1.04   | cps   |
| Beryllium  | 9-1   | 1437     | 1343     | 1363     | 1381     | 3.56   | cps   |
| Bismuth    | 209-1 | 10053798 | 10139273 | 9943495  | 10045522 | 0.98   | cps   |
| Bismuth    | 209-2 | 7882940  | 7883898  | 8109749  | 7958862  | 1.64   | cps   |
| Bromine    | 81-1  | 14831    | 15195    | 14684    | 14903    | 1.76   | cps   |
| Bromine    | 81-2  | 143      | 110      | 137      | 130      | 13.57  | cps   |
| Cadmium    | 108-1 | 243      | 243      | 240      | 242      | 0.80   | cps   |
| Cadmium    | 106-1 | 14744    | 14948    | 14524    | 14739    | 1.44   | cps   |
| Cadmium    | 111-1 | 13168    | 13277    | 13166    | 13203    | 0.48   | cps   |
| Calcium    | 43-1  | 14807    | 14857    | 14200    | 14622    | 2.50   | cps   |
| Calcium    | 44-1  | 247170   | 245591   | 247270   | 246677   | 0.38   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 12879    | 12922    | 12882    | 12894    | 0.19   | cps   |
| Cobalt     | 59-2  | 7872     | 8189     | 8159     | 8073     | 2.17   | cps   |
| Copper     | 63-2  | 13109    | 12872    | 12812    | 12931    | 1.21   | cps   |
| Dysprosium | 156-1 | 7        | 17       | 20       | 14       | 48.02  | cps   |
| Dysprosium | 156-2 | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 40       | 80       | 83       | 68       | 35.58  | cps   |
| Erbium     | 164-2 | 37       | 40       | 33       | 37       | 9.10   | cps   |
| Gadolinium | 160-1 | 140      | 77       | 103      | 107      | 29.81  | cps   |
| Gadolinium | 160-2 | 633      | 617      | 613      | 621      | 1.72   | cps   |
| Holmium    | 165-1 | 15521266 | 15505996 | 15449875 | 15492379 | 0.24   | cps   |
| Holmium    | 165-2 | 11017366 | 11050669 | 11124157 | 11064064 | 0.49   | cps   |
| Indium     | 115-1 | 11756351 | 11727653 | 11576030 | 11686678 | 0.83   | cps   |
| Indium     | 115-2 | 4664396  | 4666803  | 4697501  | 4676233  | 0.39   | cps   |
| Iron       | 56-2  | 256522   | 254580   | 251991   | 254364   | 0.89   | cps   |
| Iron       | 57-2  | 7659     | 7512     | 7692     | 7621     | 1.26   | cps   |
| Iron       | 54-2  | 16095    | 15622    | 15615    | 15777    | 1.75   | cps   |
| Krypton    | 83-1  | 260      | 180      | 237      | 226      | 18.24  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 9994     | 10057    | 10014    | 10022    | 0.32   | cps   |
| Lead       | 207-1 | 9156     | 8876     | 8639     | 8891     | 2.91   | cps   |
| Lead       | 208-1 | 40647    | 40841    | 39870    | 40453    | 1.27   | cps   |
| Lithium    | 6-1   | 1358332  | 1318687  | 1336699  | 1337906  | 1.48   | cps   |
| Magnesium  | 24-2  | 203985   | 199608   | 202065   | 201886   | 1.09   | cps   |
| Manganese  | 55-2  | 4351     | 4304     | 4067     | 4241     | 3.58   | cps   |
| Molybdenum | 94-1  | 24127    | 24130    | 23285    | 23847    | 2.04   | cps   |
| Molybdenum | 95-1  | 28211    | 28451    | 28291    | 28317    | 0.43   | cps   |
| Molybdenum | 96-1  | 31771    | 32332    | 31795    | 31966    | 0.99   | cps   |
| Molybdenum | 97-1  | 18392    | 17874    | 17654    | 17973    | 2.11   | cps   |
| Molybdenum | 98-1  | 46320    | 46617    | 46169    | 46369    | 0.49   | cps   |
| Neodymium  | 150-1 | 10       | 23       | 10       | 14       | 53.28  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 2927     | 2924     | 2850     | 2900     | 1.49   | cps   |
| Phosphorus | 31-2  | 717      | 540      | 743      | 667      | 16.58  | cps   |
| Potassium  | 39-2  | 334624   | 334244   | 334429   | 334432   | 0.06   | cps   |
| Rhodium    | 103-1 | 10802457 | 10869566 | 10702748 | 10791590 | 0.78   | cps   |
| Rhodium    | 103-2 | 6676328  | 6711138  | 6808618  | 6732028  | 1.02   | cps   |
| Scandium   | 45-1  | 5818935  | 5866485  | 5790262  | 5825227  | 0.66   | cps   |
| Scandium   | 45-2  | 577179   | 573374   | 573942   | 574831   | 0.36   | cps   |
| Selenium   | 82-1  | 1346     | 1495     | 1410     | 1417     | 5.28   | cps   |
| Selenium   | 77-2  | 117      | 87       | 90       | 98       | 16.82  | cps   |
| Selenium   | 78-2  | 810      | 787      | 763      | 787      | 2.97   | cps   |
| Silicon    | 28-1  | 1281832  | 1235735  | 1263217  | 1260261  | 1.84   | cps   |
| Silver     | 107-1 | 13757    | 14137    | 13633    | 13842    | 1.90   | cps   |
| Silver     | 109-1 | 13296    | 13023    | 13526    | 13282    | 1.90   | cps   |
| Sodium     | 23-2  | 338896   | 337123   | 338095   | 338038   | 0.26   | cps   |
| Strontium  | 86-1  | 3821     | 3640     | 3964     | 3808     | 4.26   | cps   |
| Strontium  | 88-1  | 31951    | 31150    | 31060    | 31387    | 1.56   | cps   |
| Sulfur     | 34-1  | 170217   | 168946   | 168255   | 169139   | 0.59   | cps   |
| Terbium    | 159-1 | 15533348 | 15692709 | 15591538 | 15605865 | 0.52   | cps   |
| Terbium    | 159-2 | 10803872 | 10607615 | 10723714 | 10711734 | 0.92   | cps   |
| Thallium   | 203-1 | 11742    | 11662    | 11795    | 11733    | 0.57   | cps   |
| Thallium   | 205-1 | 28086    | 28450    | 28537    | 28357    | 0.84   | cps   |
| Tin        | 118-1 | 48277    | 47943    | 49414    | 48545    | 1.59   | cps   |
| Titanium   | 47-1  | 6278     | 6938     | 6872     | 6696     | 5.43   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:39:12 DataFile Name : 007CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 37319    | 37379    | 37275    | 37324    | 0.14   | cps   |
| Vanadium  | 51-2  | 21482    | 21532    | 20684    | 21233    | 2.24   | cps   |
| Yttrium   | 89-1  | 17685241 | 17630857 | 17671074 | 17662391 | 0.16   | cps   |
| Yttrium   | 89-2  | 5271643  | 5250418  | 5335041  | 5285701  | 0.83   | cps   |
| Zinc      | 66-2  | 5021     | 4888     | 5104     | 5004     | 2.18   | cps   |
| Zirconium | 90-1  | 20090    | 20040    | 20077    | 20069    | 0.13   | cps   |
| Zirconium | 91-1  | 4107     | 4471     | 4527     | 4368     | 5.22   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 221478   | 223122   | 222077   | 222225   | 0.37   | cps   |
| Antimony   | 121-1 | 542840   | 551891   | 557726   | 550819   | 1.36   | cps   |
| Arsenic    | 75-2  | 30668    | 30638    | 30258    | 30521    | 0.75   | cps   |
| Barium     | 135-1 | 702641   | 716650   | 715131   | 711474   | 1.08   | cps   |
| Barium     | 137-1 | 1230716  | 1259138  | 1254926  | 1248260  | 1.23   | cps   |
| Beryllium  | 9-1   | 61779    | 63168    | 63452    | 62800    | 1.43   | cps   |
| Bismuth    | 209-1 | 10593537 | 10040208 | 10230992 | 10288245 | 2.73   | cps   |
| Bismuth    | 209-2 | 7861358  | 8002859  | 7827164  | 7897127  | 1.18   | cps   |
| Bromine    | 81-1  | 15084    | 14681    | 14674    | 14813    | 1.59   | cps   |
| Bromine    | 81-2  | 70       | 123      | 83       | 92       | 30.10  | cps   |
| Cadmium    | 108-1 | 10647    | 11001    | 11151    | 10933    | 2.37   | cps   |
| Cadmium    | 106-1 | 30352    | 29199    | 28561    | 29371    | 3.09   | cps   |
| Cadmium    | 111-1 | 155250   | 155539   | 154734   | 155174   | 0.26   | cps   |
| Calcium    | 43-1  | 135788   | 137484   | 135146   | 136139   | 0.89   | cps   |
| Calcium    | 44-1  | 2175247  | 2157282  | 2154539  | 2162356  | 0.52   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 227648   | 227057   | 225041   | 226582   | 0.60   | cps   |
| Cobalt     | 59-2  | 353462   | 351209   | 347325   | 350665   | 0.89   | cps   |
| Copper     | 63-2  | 2642332  | 2602571  | 2586732  | 2610545  | 1.10   | cps   |
| Dysprosium | 156-1 | 40       | 30       | 47       | 39       | 21.57  | cps   |
| Dysprosium | 156-2 | 63       | 83       | 63       | 70       | 16.50  | cps   |
| Erbium     | 164-1 | 130      | 103      | 73       | 102      | 27.74  | cps   |
| Erbium     | 164-2 | 87       | 63       | 53       | 68       | 25.24  | cps   |
| Gadolinium | 160-1 | 117      | 110      | 100      | 109      | 7.71   | cps   |
| Gadolinium | 160-2 | 590      | 653      | 610      | 618      | 5.24   | cps   |
| Holmium    | 165-1 | 16106786 | 15581600 | 15578912 | 15755766 | 1.93   | cps   |
| Holmium    | 165-2 | 10913510 | 11087003 | 10892808 | 10964440 | 0.97   | cps   |
| Indium     | 115-1 | 12261658 | 11767199 | 11620432 | 11883096 | 2.83   | cps   |
| Indium     | 115-2 | 4577119  | 4593355  | 4557633  | 4576036  | 0.39   | cps   |
| Iron       | 56-2  | 10440384 | 10539794 | 10559422 | 10513200 | 0.61   | cps   |
| Iron       | 57-2  | 270992   | 270755   | 269439   | 270395   | 0.31   | cps   |
| Iron       | 54-2  | 597247   | 593820   | 592760   | 594609   | 0.39   | cps   |
| Krypton    | 83-1  | 193      | 160      | 147      | 167      | 14.42  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 2400374  | 2439967  | 2475371  | 2438570  | 1.54   | cps   |
| Lead       | 207-1 | 2144203  | 2185918  | 2208266  | 2179462  | 1.49   | cps   |
| Lead       | 208-1 | 9811195  | 9897830  | 10098065 | 9935696  | 1.48   | cps   |
| Lithium    | 6-1   | 1407112  | 1361042  | 1361042  | 1376399  | 1.93   | cps   |
| Magnesium  | 24-2  | 1854691  | 1816641  | 1826375  | 1832569  | 1.08   | cps   |
| Manganese  | 55-2  | 1771531  | 1787731  | 1780190  | 1779818  | 0.46   | cps   |
| Molybdenum | 94-1  | 1908356  | 1924621  | 1932268  | 1921748  | 0.64   | cps   |
| Molybdenum | 95-1  | 2715020  | 2752881  | 2766878  | 2744926  | 0.98   | cps   |
| Molybdenum | 96-1  | 2993811  | 3052172  | 3032806  | 3026263  | 0.98   | cps   |
| Molybdenum | 97-1  | 1696670  | 1711862  | 1725828  | 1711453  | 0.85   | cps   |
| Molybdenum | 98-1  | 4372627  | 4441782  | 4446958  | 4420456  | 0.94   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 67       | 56       | 18.33  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 13       | 19       | 36.75  | cps   |
| Nickel     | 60-2  | 89230    | 90175    | 89629    | 89678    | 0.53   | cps   |
| Phosphorus | 31-2  | 11801    | 11531    | 11544    | 11626    | 1.31   | cps   |
| Potassium  | 39-2  | 1354033  | 1355420  | 1325279  | 1344911  | 1.27   | cps   |
| Rhodium    | 103-1 | 11315420 | 10727223 | 10674518 | 10905720 | 3.26   | cps   |
| Rhodium    | 103-2 | 6427418  | 6512055  | 6553654  | 6497709  | 0.99   | cps   |
| Scandium   | 45-1  | 6088088  | 5747716  | 5753798  | 5863201  | 3.32   | cps   |
| Scandium   | 45-2  | 557344   | 556363   | 548805   | 554171   | 0.84   | cps   |
| Selenium   | 82-1  | 9488     | 9674     | 9469     | 9544     | 1.19   | cps   |
| Selenium   | 77-2  | 1047     | 1030     | 917      | 998      | 7.09   | cps   |
| Selenium   | 78-2  | 4141     | 3814     | 3887     | 3947     | 4.34   | cps   |
| Silicon    | 28-1  | 4565410  | 4604006  | 4564304  | 4577907  | 0.49   | cps   |
| Silver     | 107-1 | 709264   | 726569   | 724187   | 720007   | 1.30   | cps   |
| Silver     | 109-1 | 673333   | 689155   | 684880   | 682456   | 1.20   | cps   |
| Sodium     | 23-2  | 3216761  | 3138202  | 3182195  | 3179053  | 1.24   | cps   |
| Strontium  | 86-1  | 165970   | 167625   | 169885   | 167827   | 1.17   | cps   |
| Strontium  | 88-1  | 1481385  | 1507809  | 1509339  | 1499511  | 1.05   | cps   |
| Sulfur     | 34-1  | 203949   | 200858   | 199754   | 201521   | 1.08   | cps   |
| Terbium    | 159-1 | 16574251 | 15771497 | 15620849 | 15988866 | 3.21   | cps   |
| Terbium    | 159-2 | 10966594 | 10658745 | 10721704 | 10782348 | 1.51   | cps   |
| Thallium   | 203-1 | 577500   | 587092   | 592245   | 585612   | 1.28   | cps   |
| Thallium   | 205-1 | 1358458  | 1385143  | 1394241  | 1379281  | 1.35   | cps   |
| Tin        | 118-1 | 454178   | 460981   | 462833   | 459331   | 0.99   | cps   |
| Titanium   | 47-1  | 618166   | 627280   | 621079   | 622175   | 0.75   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:42:30 DataFile Name : 008CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 1909074  | 1975495  | 1996253  | 1960274  | 2.32   | cps   |
| Vanadium  | 51-2  | 193990   | 196725   | 194716   | 195144   | 0.73   | cps   |
| Yttrium   | 89-1  | 18301277 | 17552934 | 17326646 | 17726952 | 2.88   | cps   |
| Yttrium   | 89-2  | 5110367  | 5157790  | 5142009  | 5136722  | 0.47   | cps   |
| Zinc      | 66-2  | 429468   | 430939   | 428141   | 429516   | 0.33   | cps   |
| Zirconium | 90-1  | 909296   | 928564   | 923857   | 920572   | 1.09   | cps   |
| Zirconium | 91-1  | 202444   | 206817   | 207042   | 205434   | 1.26   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 510589   | 509742   | 507056   | 509129   | 0.36   | cps   |
| Antimony   | 121-1 | 1317223  | 1332482  | 1324355  | 1324687  | 0.58   | cps   |
| Arsenic    | 75-2  | 70151    | 69940    | 70677    | 70256    | 0.54   | cps   |
| Barium     | 135-1 | 1767760  | 1796206  | 1781223  | 1781730  | 0.80   | cps   |
| Barium     | 137-1 | 3103802  | 3160680  | 3145092  | 3136525  | 0.94   | cps   |
| Beryllium  | 9-1   | 150628   | 150053   | 150440   | 150374   | 0.19   | cps   |
| Bismuth    | 209-1 | 10168306 | 10168285 | 10011384 | 10115992 | 0.90   | cps   |
| Bismuth    | 209-2 | 7826623  | 7754052  | 7740212  | 7773629  | 0.60   | cps   |
| Bromine    | 81-1  | 13973    | 14230    | 13349    | 13851    | 3.27   | cps   |
| Bromine    | 81-2  | 103      | 87       | 127      | 106      | 19.04  | cps   |
| Cadmium    | 108-1 | 26167    | 26628    | 25806    | 26200    | 1.57   | cps   |
| Cadmium    | 106-1 | 50196    | 49912    | 48661    | 49590    | 1.65   | cps   |
| Cadmium    | 111-1 | 352576   | 356630   | 355920   | 355042   | 0.61   | cps   |
| Calcium    | 43-1  | 316389   | 317426   | 314822   | 316212   | 0.41   | cps   |
| Calcium    | 44-1  | 5037890  | 4993867  | 4936390  | 4989382  | 1.02   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 517534   | 512258   | 509370   | 513054   | 0.81   | cps   |
| Cobalt     | 59-2  | 806480   | 795899   | 797509   | 799963   | 0.71   | cps   |
| Copper     | 63-2  | 5988698  | 5977408  | 5914716  | 5960274  | 0.67   | cps   |
| Dysprosium | 156-1 | 47       | 60       | 80       | 62       | 26.96  | cps   |
| Dysprosium | 156-2 | 110      | 97       | 127      | 111      | 13.53  | cps   |
| Erbium     | 164-1 | 137      | 133      | 130      | 133      | 2.50   | cps   |
| Erbium     | 164-2 | 43       | 70       | 67       | 60       | 24.22  | cps   |
| Gadolinium | 160-1 | 127      | 93       | 127      | 116      | 16.66  | cps   |
| Gadolinium | 160-2 | 697      | 640      | 620      | 652      | 6.10   | cps   |
| Holmium    | 165-1 | 15525193 | 15609947 | 15382488 | 15505876 | 0.74   | cps   |
| Holmium    | 165-2 | 10874755 | 10813354 | 10629338 | 10772482 | 1.19   | cps   |
| Indium     | 115-1 | 11496981 | 11455628 | 11401375 | 11451328 | 0.42   | cps   |
| Indium     | 115-2 | 4488392  | 4372634  | 4368552  | 4409859  | 1.54   | cps   |
| Iron       | 56-2  | 24189032 | 23962303 | 24111304 | 24087546 | 0.48   | cps   |
| Iron       | 57-2  | 627269   | 620241   | 615946   | 621152   | 0.92   | cps   |
| Iron       | 54-2  | 1328505  | 1364694  | 1355111  | 1349436  | 1.39   | cps   |
| Krypton    | 83-1  | 133      | 170      | 160      | 154      | 12.27  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 6075670  | 6018914  | 6090731  | 6061772  | 0.62   | cps   |
| Lead       | 207-1 | 5342432  | 5370808  | 5358908  | 5357383  | 0.27   | cps   |
| Lead       | 208-1 | 24373167 | 24503545 | 24560515 | 24479076 | 0.39   | cps   |
| Lithium    | 6-1   | 1386306  | 1382256  | 1368668  | 1379077  | 0.67   | cps   |
| Magnesium  | 24-2  | 4212842  | 4188989  | 4141986  | 4181272  | 0.86   | cps   |
| Manganese  | 55-2  | 4074088  | 4086547  | 4088869  | 4083168  | 0.19   | cps   |
| Molybdenum | 94-1  | 4566916  | 4601230  | 4498976  | 4555707  | 1.14   | cps   |
| Molybdenum | 95-1  | 6518024  | 6543609  | 6471559  | 6511064  | 0.56   | cps   |
| Molybdenum | 96-1  | 7126468  | 7232752  | 7174867  | 7178029  | 0.74   | cps   |
| Molybdenum | 97-1  | 4035711  | 4086293  | 4052566  | 4058190  | 0.63   | cps   |
| Molybdenum | 98-1  | 10545780 | 10597382 | 10421687 | 10521616 | 0.86   | cps   |
| Neodymium  | 150-1 | 127      | 150      | 147      | 141      | 8.94   | cps   |
| Neodymium  | 150-2 | 57       | 40       | 60       | 52       | 20.52  | cps   |
| Nickel     | 60-2  | 203910   | 201154   | 200123   | 201729   | 0.97   | cps   |
| Phosphorus | 31-2  | 26420    | 26483    | 26249    | 26384    | 0.46   | cps   |
| Potassium  | 39-2  | 3050902  | 2999924  | 2972876  | 3007901  | 1.32   | cps   |
| Rhodium    | 103-1 | 10390114 | 10291932 | 10125851 | 10269299 | 1.30   | cps   |
| Rhodium    | 103-2 | 6333622  | 6236844  | 6247827  | 6272764  | 0.84   | cps   |
| Scandium   | 45-1  | 5575077  | 5483328  | 5396567  | 5484991  | 1.63   | cps   |
| Scandium   | 45-2  | 530345   | 527218   | 519517   | 525693   | 1.06   | cps   |
| Selenium   | 82-1  | 21654    | 21598    | 21495    | 21582    | 0.37   | cps   |
| Selenium   | 77-2  | 2470     | 2420     | 2404     | 2431     | 1.43   | cps   |
| Selenium   | 78-2  | 8446     | 8162     | 8319     | 8309     | 1.71   | cps   |
| Silicon    | 28-1  | 8985901  | 8978702  | 8810239  | 8924947  | 1.11   | cps   |
| Silver     | 107-1 | 1727195  | 1714166  | 1713332  | 1718231  | 0.45   | cps   |
| Silver     | 109-1 | 1632627  | 1656303  | 1632383  | 1640438  | 0.84   | cps   |
| Sodium     | 23-2  | 7425902  | 7365426  | 7286464  | 7359264  | 0.95   | cps   |
| Strontium  | 86-1  | 395306   | 398793   | 396478   | 396859   | 0.45   | cps   |
| Strontium  | 88-1  | 3614761  | 3591309  | 3609141  | 3605070  | 0.34   | cps   |
| Sulfur     | 34-1  | 243018   | 241295   | 237812   | 240709   | 1.10   | cps   |
| Terbium    | 159-1 | 15579971 | 15838888 | 15488021 | 15635627 | 1.16   | cps   |
| Terbium    | 159-2 | 10809449 | 10574061 | 10463652 | 10615721 | 1.66   | cps   |
| Thallium   | 203-1 | 1409092  | 1433712  | 1437295  | 1426699  | 1.08   | cps   |
| Thallium   | 205-1 | 3646778  | 3691454  | 3663961  | 3667397  | 0.61   | cps   |
| Tin        | 118-1 | 1083106  | 1111635  | 1093614  | 1096119  | 1.32   | cps   |
| Titanium   | 47-1  | 1472152  | 1451925  | 1450139  | 1458072  | 0.84   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:45:30 DataFile Name : 009CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 4925813  | 4981384  | 4974600  | 4960599  | 0.61   | cps   |
| Vanadium  | 51-2  | 449739   | 448657   | 445482   | 447959   | 0.49   | cps   |
| Yttrium   | 89-1  | 17285026 | 16969909 | 16766982 | 17007306 | 1.53   | cps   |
| Yttrium   | 89-2  | 4981174  | 4956020  | 4848557  | 4928584  | 1.43   | cps   |
| Zinc      | 66-2  | 997302   | 989582   | 985538   | 990807   | 0.60   | cps   |
| Zirconium | 90-1  | 2242022  | 2246533  | 2196970  | 2228508  | 1.23   | cps   |
| Zirconium | 91-1  | 487594   | 489588   | 483871   | 487018   | 0.60   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 992375   | 1009774  | 1010618  | 1004256  | 1.03   | cps   |
| Antimony   | 121-1 | 2725751  | 2769069  | 2803333  | 2766051  | 1.41   | cps   |
| Arsenic    | 75-2  | 141638   | 140386   | 136285   | 139436   | 2.01   | cps   |
| Barium     | 135-1 | 3596689  | 3651301  | 3724466  | 3657485  | 1.75   | cps   |
| Barium     | 137-1 | 6284491  | 6347376  | 6328803  | 6320223  | 0.51   | cps   |
| Beryllium  | 9-1   | 293462   | 301908   | 301311   | 298894   | 1.58   | cps   |
| Bismuth    | 209-1 | 9740099  | 9936564  | 9942121  | 9872928  | 1.17   | cps   |
| Bismuth    | 209-2 | 7702646  | 7655007  | 7680731  | 7679461  | 0.31   | cps   |
| Bromine    | 81-1  | 12922    | 13029    | 12806    | 12919    | 0.87   | cps   |
| Bromine    | 81-2  | 80       | 90       | 87       | 86       | 5.95   | cps   |
| Cadmium    | 108-1 | 50564    | 52150    | 51815    | 51510    | 1.62   | cps   |
| Cadmium    | 106-1 | 82757    | 85258    | 85238    | 84418    | 1.70   | cps   |
| Cadmium    | 111-1 | 695429   | 712661   | 708614   | 705568   | 1.28   | cps   |
| Calcium    | 43-1  | 623441   | 633368   | 621516   | 626108   | 1.02   | cps   |
| Calcium    | 44-1  | 9807038  | 9905808  | 9844009  | 9852285  | 0.51   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 1015955  | 1001982  | 1001991  | 1006643  | 0.80   | cps   |
| Cobalt     | 59-2  | 1635408  | 1604922  | 1553810  | 1598047  | 2.58   | cps   |
| Copper     | 63-2  | 11831750 | 11640190 | 11438577 | 11636839 | 1.69   | cps   |
| Dysprosium | 156-1 | 123      | 130      | 113      | 122      | 6.86   | cps   |
| Dysprosium | 156-2 | 233      | 187      | 217      | 212      | 11.14  | cps   |
| Erbium     | 164-1 | 117      | 153      | 133      | 134      | 13.66  | cps   |
| Erbium     | 164-2 | 90       | 67       | 83       | 80       | 15.02  | cps   |
| Gadolinium | 160-1 | 90       | 160      | 157      | 136      | 29.13  | cps   |
| Gadolinium | 160-2 | 543      | 623      | 607      | 591      | 7.14   | cps   |
| Holmium    | 165-1 | 15246587 | 15295312 | 15177922 | 15239940 | 0.39   | cps   |
| Holmium    | 165-2 | 10623505 | 10770976 | 10647048 | 10680509 | 0.74   | cps   |
| Indium     | 115-1 | 10913174 | 10845267 | 10907855 | 10888765 | 0.35   | cps   |
| Indium     | 115-2 | 4195209  | 4120734  | 4157078  | 4157674  | 0.90   | cps   |
| Iron       | 56-2  | 48516591 | 47697741 | 46708591 | 47640974 | 1.90   | cps   |
| Iron       | 57-2  | 1242691  | 1232666  | 1211466  | 1228941  | 1.30   | cps   |
| Iron       | 54-2  | 2707838  | 2590576  | 2593330  | 2630581  | 2.54   | cps   |
| Krypton    | 83-1  | 150      | 137      | 167      | 151      | 9.95   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 12507602 | 12674839 | 12647767 | 12610069 | 0.71   | cps   |
| Lead       | 207-1 | 10939911 | 11204905 | 11088359 | 11077725 | 1.20   | cps   |
| Lead       | 208-1 | 50135801 | 51255488 | 51052942 | 50814744 | 1.17   | cps   |
| Lithium    | 6-1   | 1329972  | 1341189  | 1345132  | 1338764  | 0.59   | cps   |
| Magnesium  | 24-2  | 8354151  | 8397718  | 8336700  | 8362856  | 0.38   | cps   |
| Manganese  | 55-2  | 8195737  | 8071611  | 7922367  | 8063238  | 1.70   | cps   |
| Molybdenum | 94-1  | 9003943  | 9208205  | 9176749  | 9129632  | 1.20   | cps   |
| Molybdenum | 95-1  | 12931513 | 13226041 | 13013594 | 13057050 | 1.16   | cps   |
| Molybdenum | 96-1  | 14256924 | 14398740 | 14268330 | 14307998 | 0.55   | cps   |
| Molybdenum | 97-1  | 8185830  | 8201979  | 8179051  | 8188953  | 0.14   | cps   |
| Molybdenum | 98-1  | 21078018 | 21240583 | 21112381 | 21143661 | 0.41   | cps   |
| Neodymium  | 150-1 | 237      | 217      | 313      | 256      | 19.97  | cps   |
| Neodymium  | 150-2 | 90       | 97       | 77       | 88       | 11.60  | cps   |
| Nickel     | 60-2  | 403446   | 397664   | 392792   | 397967   | 1.34   | cps   |
| Phosphorus | 31-2  | 50299    | 50978    | 51125    | 50801    | 0.87   | cps   |
| Potassium  | 39-2  | 5769576  | 5754068  | 5853541  | 5792395  | 0.92   | cps   |
| Rhodium    | 103-1 | 9814269  | 9792829  | 9727930  | 9778343  | 0.46   | cps   |
| Rhodium    | 103-2 | 5981669  | 5934140  | 5946106  | 5953972  | 0.42   | cps   |
| Scandium   | 45-1  | 5171727  | 5145114  | 5162001  | 5159614  | 0.26   | cps   |
| Scandium   | 45-2  | 481881   | 486484   | 492212   | 486859   | 1.06   | cps   |
| Selenium   | 82-1  | 41603    | 42552    | 42460    | 42205    | 1.24   | cps   |
| Selenium   | 77-2  | 4701     | 4651     | 4487     | 4613     | 2.42   | cps   |
| Selenium   | 78-2  | 15642    | 15505    | 15645    | 15597    | 0.51   | cps   |
| Silicon    | 28-1  | 16348258 | 16535679 | 16371002 | 16418313 | 0.62   | cps   |
| Silver     | 107-1 | 3450634  | 3514605  | 3421412  | 3462217  | 1.38   | cps   |
| Silver     | 109-1 | 3274859  | 3320172  | 3277631  | 3290888  | 0.77   | cps   |
| Sodium     | 23-2  | 14664063 | 14777274 | 14598312 | 14679883 | 0.62   | cps   |
| Strontium  | 86-1  | 789799   | 800451   | 800637   | 796962   | 0.78   | cps   |
| Strontium  | 88-1  | 7069841  | 7311350  | 7206422  | 7195871  | 1.68   | cps   |
| Sulfur     | 34-1  | 312593   | 312974   | 313038   | 312868   | 0.08   | cps   |
| Terbium    | 159-1 | 15193484 | 15337410 | 15447218 | 15326038 | 0.83   | cps   |
| Terbium    | 159-2 | 10336550 | 10258551 | 10335217 | 10310106 | 0.43   | cps   |
| Thallium   | 203-1 | 3126698  | 3212156  | 3136173  | 3158342  | 1.48   | cps   |
| Thallium   | 205-1 | 7411637  | 7504782  | 7610646  | 7509022  | 1.33   | cps   |
| Tin        | 118-1 | 2236607  | 2282737  | 2341006  | 2286783  | 2.29   | cps   |
| Titanium   | 47-1  | 2843050  | 2871655  | 2856042  | 2856916  | 0.50   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:48:24 DataFile Name : 010CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 10103247 | 10560377 | 10553469 | 10405698 | 2.52   | cps   |
| Vanadium  | 51-2  | 882040   | 868955   | 880602   | 877199   | 0.82   | cps   |
| Yttrium   | 89-1  | 16109359 | 16194341 | 16243198 | 16182299 | 0.42   | cps   |
| Yttrium   | 89-2  | 4646591  | 4604451  | 4689221  | 4646755  | 0.91   | cps   |
| Zinc      | 66-2  | 2003811  | 2007586  | 1947483  | 1986294  | 1.69   | cps   |
| Zirconium | 90-1  | 4371762  | 4503030  | 4497325  | 4457372  | 1.66   | cps   |
| Zirconium | 91-1  | 965670   | 984876   | 978478   | 976341   | 1.00   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1968060  | 1961251  | 1949430  | 1959580  | 0.48   | cps   |
| Antimony   | 121-1 | 5226371  | 5291711  | 5339438  | 5285840  | 1.07   | cps   |
| Arsenic    | 75-2  | 263483   | 262360   | 262337   | 262727   | 0.25   | cps   |
| Barium     | 135-1 | 6908933  | 7010804  | 6948141  | 6955959  | 0.74   | cps   |
| Barium     | 137-1 | 12136234 | 12261782 | 12338099 | 12245372 | 0.83   | cps   |
| Beryllium  | 9-1   | 558710   | 566823   | 562913   | 562816   | 0.72   | cps   |
| Bismuth    | 209-1 | 9843056  | 9967928  | 9766926  | 9859303  | 1.03   | cps   |
| Bismuth    | 209-2 | 7530801  | 7490988  | 7447324  | 7489704  | 0.56   | cps   |
| Bromine    | 81-1  | 12165    | 11992    | 11852    | 12003    | 1.31   | cps   |
| Bromine    | 81-2  | 50       | 113      | 67       | 77       | 42.82  | cps   |
| Cadmium    | 108-1 | 96330    | 97078    | 97532    | 96980    | 0.63   | cps   |
| Cadmium    | 106-1 | 148183   | 148217   | 147870   | 148090   | 0.13   | cps   |
| Cadmium    | 111-1 | 1302786  | 1324329  | 1331581  | 1319566  | 1.13   | cps   |
| Calcium    | 43-1  | 1151927  | 1167678  | 1162811  | 1160805  | 0.69   | cps   |
| Calcium    | 44-1  | 18161763 | 18476553 | 18322805 | 18320373 | 0.86   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 1940269  | 1925923  | 1905413  | 1923868  | 0.91   | cps   |
| Cobalt     | 59-2  | 3070904  | 3061540  | 3057442  | 3063295  | 0.23   | cps   |
| Copper     | 63-2  | 21940353 | 21883673 | 22088039 | 21970688 | 0.48   | cps   |
| Dysprosium | 156-1 | 200      | 203      | 253      | 219      | 13.65  | cps   |
| Dysprosium | 156-2 | 427      | 413      | 433      | 424      | 2.40   | cps   |
| Erbium     | 164-1 | 170      | 207      | 160      | 179      | 13.74  | cps   |
| Erbium     | 164-2 | 150      | 150      | 140      | 147      | 3.94   | cps   |
| Gadolinium | 160-1 | 177      | 157      | 117      | 150      | 20.37  | cps   |
| Gadolinium | 160-2 | 680      | 590      | 530      | 600      | 12.58  | cps   |
| Holmium    | 165-1 | 14917731 | 15205831 | 15165703 | 15096422 | 1.03   | cps   |
| Holmium    | 165-2 | 10603184 | 10497956 | 10583396 | 10561512 | 0.53   | cps   |
| Indium     | 115-1 | 10423457 | 10516934 | 10583531 | 10507974 | 0.77   | cps   |
| Indium     | 115-2 | 4049386  | 4108328  | 4064108  | 4073941  | 0.75   | cps   |
| Iron       | 56-2  | 90642825 | 90401029 | 90743072 | 90595642 | 0.19   | cps   |
| Iron       | 57-2  | 2291850  | 2281392  | 2292786  | 2288676  | 0.28   | cps   |
| Iron       | 54-2  | 5044342  | 4960548  | 4984631  | 4996507  | 0.86   | cps   |
| Krypton    | 83-1  | 133      | 157      | 167      | 152      | 11.24  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2      | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|-----------|----------|----------|--------|-------|
| Lead       | 206-1 | 24329856 | 24827620  | 24502295 | 24553257 | 1.03   | cps   |
| Lead       | 207-1 | 21577217 | 21767787  | 21947067 | 21764024 | 0.85   | cps   |
| Lead       | 208-1 | 98841489 | 100135317 | 99923319 | 99633375 | 0.70   | cps   |
| Lithium    | 6-1   | 1328836  | 1336636   | 1313906  | 1326459  | 0.87   | cps   |
| Magnesium  | 24-2  | 15930033 | 15913051  | 15923305 | 15922129 | 0.05   | cps   |
| Manganese  | 55-2  | 15383829 | 15389339  | 15419456 | 15397541 | 0.12   | cps   |
| Molybdenum | 94-1  | 17237654 | 17551760  | 17246240 | 17345218 | 1.03   | cps   |
| Molybdenum | 95-1  | 24691222 | 24972803  | 24810640 | 24824889 | 0.57   | cps   |
| Molybdenum | 96-1  | 27260578 | 27367355  | 27308993 | 27312309 | 0.20   | cps   |
| Molybdenum | 97-1  | 15506304 | 15618463  | 15434813 | 15519860 | 0.60   | cps   |
| Molybdenum | 98-1  | 40162264 | 40661511  | 40018894 | 40280890 | 0.84   | cps   |
| Neodymium  | 150-1 | 463      | 510       | 487      | 487      | 4.79   | cps   |
| Neodymium  | 150-2 | 127      | 117       | 133      | 126      | 6.68   | cps   |
| Nickel     | 60-2  | 741707   | 737717    | 738352   | 739259   | 0.29   | cps   |
| Phosphorus | 31-2  | 95328    | 94956     | 95217    | 95167    | 0.20   | cps   |
| Potassium  | 39-2  | 11087043 | 11036186  | 11006938 | 11043389 | 0.37   | cps   |
| Rhodium    | 103-1 | 9176421  | 9288200   | 9227722  | 9230781  | 0.61   | cps   |
| Rhodium    | 103-2 | 5731688  | 5833169   | 5807097  | 5790651  | 0.91   | cps   |
| Scandium   | 45-1  | 4833022  | 4890129   | 4840478  | 4854543  | 0.64   | cps   |
| Scandium   | 45-2  | 475171   | 474511    | 473384   | 474355   | 0.19   | cps   |
| Selenium   | 82-1  | 77977    | 79054     | 78610    | 78547    | 0.69   | cps   |
| Selenium   | 77-2  | 8586     | 8329      | 8886     | 8600     | 3.24   | cps   |
| Selenium   | 78-2  | 29613    | 28411     | 29730    | 29251    | 2.50   | cps   |
| Silicon    | 28-1  | 29077852 | 29293563  | 28878219 | 29083211 | 0.71   | cps   |
| Silver     | 107-1 | 6469939  | 6497281   | 6459989  | 6475736  | 0.30   | cps   |
| Silver     | 109-1 | 6101320  | 6220663   | 6128522  | 6150168  | 1.02   | cps   |
| Sodium     | 23-2  | 27915209 | 27722050  | 27864940 | 27834066 | 0.36   | cps   |
| Strontium  | 86-1  | 1551460  | 1520557   | 1534307  | 1535441  | 1.01   | cps   |
| Strontium  | 88-1  | 13737484 | 13744630  | 13802990 | 13761701 | 0.26   | cps   |
| Sulfur     | 34-1  | 438296   | 437158    | 434124   | 436526   | 0.49   | cps   |
| Terbium    | 159-1 | 14944426 | 15070044  | 15287031 | 15100501 | 1.15   | cps   |
| Terbium    | 159-2 | 10280145 | 10372171  | 10223307 | 10291874 | 0.73   | cps   |
| Thallium   | 203-1 | 6049914  | 6250148   | 6206503  | 6168855  | 1.71   | cps   |
| Thallium   | 205-1 | 14476552 | 14775538  | 14782600 | 14678230 | 1.19   | cps   |
| Tin        | 118-1 | 4366733  | 4397921   | 4399437  | 4388030  | 0.42   | cps   |
| Titanium   | 47-1  | 5318809  | 5365181   | 5278388  | 5320792  | 0.82   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:51:09 DataFile Name : 011CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 20566751 | 20725692 | 21026121 | 20772855 | 1.12   | cps   |
| Vanadium  | 51-2  | 1723708  | 1694312  | 1686129  | 1701383  | 1.16   | cps   |
| Yttrium   | 89-1  | 15562345 | 15622858 | 15668634 | 15617946 | 0.34   | cps   |
| Yttrium   | 89-2  | 4606358  | 4605021  | 4530717  | 4580699  | 0.95   | cps   |
| Zinc      | 66-2  | 3707238  | 3687763  | 3739599  | 3711534  | 0.71   | cps   |
| Zirconium | 90-1  | 8397756  | 8517871  | 8525505  | 8480377  | 0.84   | cps   |
| Zirconium | 91-1  | 1831639  | 1904372  | 1881685  | 1872565  | 1.99   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3830743   | 3784892   | 3817942   | 3811192   | 0.62   | cps   |
| Antimony   | 121-1 | 9997524   | 10196479  | 10132778  | 10108927  | 1.01   | cps   |
| Arsenic    | 75-2  | 507713    | 505809    | 511138    | 508220    | 0.53   | cps   |
| Barium     | 135-1 | 13311712  | 13628088  | 13595678  | 13511826  | 1.29   | cps   |
| Barium     | 137-1 | 23373051  | 23620334  | 23875483  | 23622956  | 1.06   | cps   |
| Beryllium  | 9-1   | 1051449   | 1097089   | 1113533   | 1087357   | 2.96   | cps   |
| Bismuth    | 209-1 | 9606923   | 9689359   | 9671482   | 9655922   | 0.45   | cps   |
| Bismuth    | 209-2 | 7375544   | 7396564   | 7192773   | 7321627   | 1.53   | cps   |
| Bromine    | 81-1  | 11998     | 11765     | 11685     | 11816     | 1.38   | cps   |
| Bromine    | 81-2  | 93        | 53        | 90        | 79        | 28.14  | cps   |
| Cadmium    | 108-1 | 179836    | 183130    | 183496    | 182154    | 1.11   | cps   |
| Cadmium    | 106-1 | 261973    | 266239    | 267450    | 265221    | 1.08   | cps   |
| Cadmium    | 111-1 | 2498522   | 2552001   | 2544810   | 2531777   | 1.15   | cps   |
| Calcium    | 43-1  | 2145975   | 2172681   | 2174167   | 2164274   | 0.73   | cps   |
| Calcium    | 44-1  | 34599768  | 35433076  | 35422054  | 35151633  | 1.36   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 3753471   | 3735096   | 3773874   | 3754147   | 0.52   | cps   |
| Cobalt     | 59-2  | 5858648   | 5813098   | 5844200   | 5838649   | 0.40   | cps   |
| Copper     | 63-2  | 41975385  | 41644040  | 41963299  | 41860908  | 0.45   | cps   |
| Dysprosium | 156-1 | 373       | 397       | 413       | 394       | 5.09   | cps   |
| Dysprosium | 156-2 | 897       | 880       | 843       | 873       | 3.12   | cps   |
| Erbium     | 164-1 | 210       | 350       | 267       | 276       | 25.56  | cps   |
| Erbium     | 164-2 | 217       | 163       | 247       | 209       | 20.20  | cps   |
| Gadolinium | 160-1 | 203       | 263       | 283       | 250       | 16.65  | cps   |
| Gadolinium | 160-2 | 583       | 640       | 703       | 642       | 9.35   | cps   |
| Holmium    | 165-1 | 15192315  | 14962453  | 14953761  | 15036176  | 0.90   | cps   |
| Holmium    | 165-2 | 10451995  | 10594358  | 10294134  | 10446829  | 1.44   | cps   |
| Indium     | 115-1 | 10344508  | 10323212  | 10299473  | 10322398  | 0.22   | cps   |
| Indium     | 115-2 | 4047727   | 3979904   | 3926144   | 3984592   | 1.53   | cps   |
| Iron       | 56-2  | 176526451 | 174188524 | 175205984 | 175306986 | 0.67   | cps   |
| Iron       | 57-2  | 4413432   | 4403281   | 4400735   | 4405816   | 0.15   | cps   |
| Iron       | 54-2  | 9806026   | 9683531   | 9730843   | 9740133   | 0.63   | cps   |
| Krypton    | 83-1  | 130       | 140       | 177       | 149       | 16.50  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 46239076  | 47123621  | 47669453  | 47010717  | 1.54   | cps   |
| Lead       | 207-1 | 40520039  | 41888709  | 42148373  | 41519040  | 2.11   | cps   |
| Lead       | 208-1 | 187248361 | 192176905 | 194277090 | 191234119 | 1.89   | cps   |
| Lithium    | 6-1   | 1268045   | 1307429   | 1303537   | 1293004   | 1.68   | cps   |
| Magnesium  | 24-2  | 30853145  | 30530956  | 31140435  | 30841512  | 0.99   | cps   |
| Manganese  | 55-2  | 30179452  | 29807712  | 30180029  | 30055731  | 0.71   | cps   |
| Molybdenum | 94-1  | 33157194  | 33650539  | 33916797  | 33574843  | 1.15   | cps   |
| Molybdenum | 95-1  | 47325156  | 47848848  | 48619019  | 47931008  | 1.36   | cps   |
| Molybdenum | 96-1  | 51930784  | 52710258  | 53728664  | 52789902  | 1.71   | cps   |
| Molybdenum | 97-1  | 29706785  | 30141114  | 30327815  | 30058571  | 1.06   | cps   |
| Molybdenum | 98-1  | 76558631  | 77588151  | 78355797  | 77500859  | 1.16   | cps   |
| Neodymium  | 150-1 | 973       | 870       | 837       | 893       | 7.98   | cps   |
| Neodymium  | 150-2 | 307       | 287       | 237       | 277       | 13.03  | cps   |
| Nickel     | 60-2  | 1403303   | 1411441   | 1418245   | 1410996   | 0.53   | cps   |
| Phosphorus | 31-2  | 185743    | 182298    | 183920    | 183987    | 0.94   | cps   |
| Potassium  | 39-2  | 21637324  | 21580191  | 21659270  | 21625595  | 0.19   | cps   |
| Rhodium    | 103-1 | 9103627   | 9017358   | 8958793   | 9026592   | 0.81   | cps   |
| Rhodium    | 103-2 | 5746900   | 5617909   | 5569660   | 5644823   | 1.62   | cps   |
| Scandium   | 45-1  | 4883445   | 4890424   | 4830598   | 4868155   | 0.67   | cps   |
| Scandium   | 45-2  | 479234    | 476463    | 474070    | 476589    | 0.54   | cps   |
| Selenium   | 82-1  | 144646    | 146457    | 147304    | 146136    | 0.93   | cps   |
| Selenium   | 77-2  | 16790     | 16332     | 16713     | 16612     | 1.47   | cps   |
| Selenium   | 78-2  | 57183     | 55544     | 55654     | 56127     | 1.63   | cps   |
| Silicon    | 28-1  | 52817066  | 53455238  | 52842979  | 53038428  | 0.68   | cps   |
| Silver     | 107-1 | 12048181  | 12345394  | 12174300  | 12189292  | 1.22   | cps   |
| Silver     | 109-1 | 11379041  | 11646853  | 11718630  | 11581508  | 1.55   | cps   |
| Sodium     | 23-2  | 54193984  | 53944759  | 54356556  | 54165100  | 0.38   | cps   |
| Strontium  | 86-1  | 2975029   | 3074354   | 3023979   | 3024454   | 1.64   | cps   |
| Strontium  | 88-1  | 26031580  | 26679195  | 26283438  | 26331404  | 1.24   | cps   |
| Sulfur     | 34-1  | 702720    | 707930    | 712356    | 707669    | 0.68   | cps   |
| Terbium    | 159-1 | 15209332  | 15029430  | 15174914  | 15137892  | 0.63   | cps   |
| Terbium    | 159-2 | 10295992  | 10297307  | 10065843  | 10219714  | 1.30   | cps   |
| Thallium   | 203-1 | 11607489  | 11857365  | 11840249  | 11768368  | 1.19   | cps   |
| Thallium   | 205-1 | 27881445  | 28185460  | 28487065  | 28184656  | 1.07   | cps   |
| Tin        | 118-1 | 8277787   | 8376775   | 8374383   | 8342982   | 0.68   | cps   |
| Titanium   | 47-1  | 10093042  | 10280372  | 10348109  | 10240508  | 1.29   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:53:55 DataFile Name : 012CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 39433189 | 40039558 | 40673944 | 40048897 | 1.55   | cps   |
| Vanadium  | 51-2  | 3337799  | 3331616  | 3353081  | 3340832  | 0.33   | cps   |
| Yttrium   | 89-1  | 15610290 | 15586244 | 15435809 | 15544114 | 0.61   | cps   |
| Yttrium   | 89-2  | 4642598  | 4583112  | 4510617  | 4578775  | 1.44   | cps   |
| Zinc      | 66-2  | 7065872  | 7099678  | 7103377  | 7089642  | 0.29   | cps   |
| Zirconium | 90-1  | 16147208 | 16555669 | 16563769 | 16422215 | 1.45   | cps   |
| Zirconium | 91-1  | 3617405  | 3666470  | 3704848  | 3662908  | 1.20   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 20601678  | 20778166  | 20753506  | 20711117  | 0.46   | cps   |
| Antimony   | 121-1 | 9030      | 9093      | 8236      | 8786      | 5.44   | cps   |
| Arsenic    | 75-2  | 343       | 350       | 330       | 341       | 2.99   | cps   |
| Barium     | 135-1 | 7108      | 6585      | 6385      | 6693      | 5.58   | cps   |
| Barium     | 137-1 | 12242     | 11288     | 11118     | 11549     | 5.25   | cps   |
| Beryllium  | 9-1   | 463       | 347       | 323       | 378       | 19.86  | cps   |
| Bismuth    | 209-1 | 8756691   | 8680956   | 8547592   | 8661746   | 1.22   | cps   |
| Bismuth    | 209-2 | 6633471   | 6591119   | 6582836   | 6602475   | 0.41   | cps   |
| Bromine    | 81-1  | 13056     | 12699     | 12999     | 12918     | 1.48   | cps   |
| Bromine    | 81-2  | 90        | 130       | 80        | 100       | 26.46  | cps   |
| Cadmium    | 108-1 | 150       | 127       | 70        | 116       | 35.60  | cps   |
| Cadmium    | 106-1 | 12582     | 12128     | 12689     | 12467     | 2.39   | cps   |
| Cadmium    | 111-1 | 9326      | 8995      | 9457      | 9259      | 2.57   | cps   |
| Calcium    | 43-1  | 11250921  | 11386434  | 11458850  | 11365401  | 0.93   | cps   |
| Calcium    | 44-1  | 184154451 | 185590944 | 186235337 | 185326911 | 0.57   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 12419     | 9468      | 8867      | 10252     | 18.55  | cps   |
| Cobalt     | 59-2  | 17167     | 17360     | 17383     | 17303     | 0.69   | cps   |
| Copper     | 63-2  | 12459     | 12348     | 12729     | 12512     | 1.56   | cps   |
| Dysprosium | 156-1 | 453       | 413       | 420       | 429       | 5.00   | cps   |
| Dysprosium | 156-2 | 347       | 350       | 380       | 359       | 5.12   | cps   |
| Erbium     | 164-1 | 473       | 427       | 507       | 469       | 8.57   | cps   |
| Erbium     | 164-2 | 310       | 297       | 387       | 331       | 14.67  | cps   |
| Gadolinium | 160-1 | 510       | 453       | 473       | 479       | 6.00   | cps   |
| Gadolinium | 160-2 | 790       | 793       | 777       | 787       | 1.12   | cps   |
| Holmium    | 165-1 | 14681655  | 14871828  | 14545736  | 14699740  | 1.11   | cps   |
| Holmium    | 165-2 | 10209361  | 10365048  | 10211668  | 10262026  | 0.87   | cps   |
| Indium     | 115-1 | 10047586  | 10044925  | 10123502  | 10072004  | 0.44   | cps   |
| Indium     | 115-2 | 4047256   | 4017819   | 4026957   | 4030677   | 0.37   | cps   |
| Iron       | 56-2  | 893289000 | 893612493 | 898986280 | 895295924 | 0.36   | cps   |
| Iron       | 57-2  | 22649790  | 22882605  | 22550563  | 22694319  | 0.75   | cps   |
| Iron       | 54-2  | 48787726  | 48985084  | 48759554  | 48844121  | 0.25   | cps   |
| Krypton    | 83-1  | 197       | 183       | 190       | 190       | 3.51   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 17338     | 15953     | 15068     | 16120     | 7.10   | cps   |
| Lead       | 207-1 | 15099     | 14218     | 13403     | 14240     | 5.95   | cps   |
| Lead       | 208-1 | 69086     | 63802     | 61345     | 64744     | 6.11   | cps   |
| Lithium    | 6-1   | 1254469   | 1250506   | 1284751   | 1263242   | 1.48   | cps   |
| Magnesium  | 24-2  | 164109358 | 166760184 | 165578791 | 165482778 | 0.80   | cps   |
| Manganese  | 55-2  | 17287     | 16482     | 16643     | 16804     | 2.53   | cps   |
| Molybdenum | 94-1  | 11655     | 10584     | 10557     | 10932     | 5.73   | cps   |
| Molybdenum | 95-1  | 12489     | 10741     | 9903      | 11044     | 11.94  | cps   |
| Molybdenum | 96-1  | 22547     | 21356     | 20641     | 21515     | 4.48   | cps   |
| Molybdenum | 97-1  | 7472      | 7012      | 6278      | 6921      | 8.70   | cps   |
| Molybdenum | 98-1  | 19029     | 16540     | 15031     | 16867     | 11.97  | cps   |
| Neodymium  | 150-1 | 240       | 223       | 250       | 238       | 5.67   | cps   |
| Neodymium  | 150-2 | 103       | 107       | 130       | 113       | 12.82  | cps   |
| Nickel     | 60-2  | 7815      | 7849      | 7575      | 7747      | 1.93   | cps   |
| Phosphorus | 31-2  | 367       | 320       | 333       | 340       | 7.07   | cps   |
| Potassium  | 39-2  | 116381612 | 118228132 | 118024312 | 117544685 | 0.86   | cps   |
| Rhodium    | 103-1 | 8621420   | 8601541   | 8591365   | 8604775   | 0.18   | cps   |
| Rhodium    | 103-2 | 5455091   | 5451126   | 5454776   | 5453664   | 0.04   | cps   |
| Scandium   | 45-1  | 5049693   | 5110191   | 5154419   | 5104768   | 1.03   | cps   |
| Scandium   | 45-2  | 506069    | 509817    | 510259    | 508715    | 0.45   | cps   |
| Selenium   | 82-1  | 597       | 637       | 584       | 606       | 4.53   | cps   |
| Selenium   | 77-2  | 0         | 7         | 10        | 6         | 91.64  | cps   |
| Selenium   | 78-2  | 340       | 327       | 387       | 351       | 8.97   | cps   |
| Silicon    | 28-1  | 720051    | 716799    | 722170    | 719673    | 0.38   | cps   |
| Silver     | 107-1 | 3260      | 3177      | 2700      | 3046      | 9.92   | cps   |
| Silver     | 109-1 | 3074      | 2680      | 2600      | 2785      | 9.10   | cps   |
| Sodium     | 23-2  | 283724236 | 284923982 | 285347322 | 284665180 | 0.30   | cps   |
| Strontium  | 86-1  | 9423      | 9006      | 9220      | 9216      | 2.26   | cps   |
| Strontium  | 88-1  | 81363     | 81725     | 81316     | 81468     | 0.27   | cps   |
| Sulfur     | 34-1  | 126535    | 129025    | 131779    | 129113    | 2.03   | cps   |
| Terbium    | 159-1 | 14929930  | 14683820  | 14784221  | 14799324  | 0.84   | cps   |
| Terbium    | 159-2 | 10048136  | 10016121  | 10076940  | 10047066  | 0.30   | cps   |
| Thallium   | 203-1 | 2394      | 1970      | 1720      | 2028      | 16.79  | cps   |
| Thallium   | 205-1 | 5835      | 5164      | 4541      | 5180      | 12.49  | cps   |
| Tin        | 118-1 | 3707      | 3641      | 3134      | 3494      | 8.98   | cps   |
| Titanium   | 47-1  | 2397      | 2104      | 2037      | 2179      | 8.79   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 13:56:39 DataFile Name : 013CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 6982     | 7443     | 5014     | 6480     | 19.91  | cps   |
| Vanadium  | 51-2  | 937      | 913      | 933      | 928      | 1.36   | cps   |
| Yttrium   | 89-1  | 15627798 | 15697521 | 15552515 | 15625945 | 0.46   | cps   |
| Yttrium   | 89-2  | 4727873  | 4747012  | 4736823  | 4737236  | 0.20   | cps   |
| Zinc      | 66-2  | 11448    | 10951    | 11298    | 11232    | 2.27   | cps   |
| Zirconium | 90-1  | 12022    | 11435    | 11511    | 11656    | 2.74   | cps   |
| Zirconium | 91-1  | 2614     | 2457     | 2644     | 2571     | 3.90   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 101922   | 101130   | 101050   | 101367   | 0.48   | cps   |
| Antimony   | 121-1 | 2257869  | 2295189  | 2279496  | 2277518  | 0.82   | cps   |
| Arsenic    | 75-2  | 117769   | 116976   | 117403   | 117383   | 0.34   | cps   |
| Barium     | 135-1 | 287786   | 289179   | 289255   | 288740   | 0.29   | cps   |
| Barium     | 137-1 | 504972   | 505330   | 507264   | 505855   | 0.24   | cps   |
| Beryllium  | 9-1   | 126893   | 127165   | 129884   | 127981   | 1.29   | cps   |
| Bismuth    | 209-1 | 10448165 | 10285415 | 10401921 | 10378500 | 0.81   | cps   |
| Bismuth    | 209-2 | 8103235  | 8115951  | 8092892  | 8104026  | 0.14   | cps   |
| Bromine    | 81-1  | 12759    | 13356    | 12726    | 12947    | 2.74   | cps   |
| Bromine    | 81-2  | 120      | 77       | 93       | 97       | 22.61  | cps   |
| Cadmium    | 108-1 | 23729    | 23900    | 23746    | 23792    | 0.39   | cps   |
| Cadmium    | 106-1 | 38915    | 38935    | 38721    | 38857    | 0.30   | cps   |
| Cadmium    | 111-1 | 301723   | 298740   | 302218   | 300894   | 0.63   | cps   |
| Calcium    | 43-1  | 50430    | 50046    | 50888    | 50455    | 0.84   | cps   |
| Calcium    | 44-1  | 824443   | 822673   | 822910   | 823342   | 0.12   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 432468   | 431955   | 431637   | 432020   | 0.10   | cps   |
| Cobalt     | 59-2  | 672991   | 667492   | 667883   | 669456   | 0.46   | cps   |
| Copper     | 63-2  | 459840   | 457350   | 456609   | 457933   | 0.37   | cps   |
| Dysprosium | 156-1 | 7        | 17       | 13       | 12       | 41.65  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 20       | 18       | 21.66  | cps   |
| Erbium     | 164-1 | 77       | 80       | 53       | 70       | 20.76  | cps   |
| Erbium     | 164-2 | 73       | 57       | 50       | 60       | 20.03  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 113      | 82       | 32.76  | cps   |
| Gadolinium | 160-2 | 523      | 543      | 637      | 568      | 10.65  | cps   |
| Holmium    | 165-1 | 15847110 | 15791999 | 15667403 | 15768837 | 0.58   | cps   |
| Holmium    | 165-2 | 11001944 | 11127569 | 11049658 | 11059723 | 0.57   | cps   |
| Indium     | 115-1 | 11414595 | 11423984 | 11228946 | 11355842 | 0.97   | cps   |
| Indium     | 115-2 | 4518223  | 4472805  | 4434884  | 4475304  | 0.93   | cps   |
| Iron       | 56-2  | 7994657  | 7869884  | 7896029  | 7920190  | 0.83   | cps   |
| Iron       | 57-2  | 204631   | 203982   | 201198   | 203270   | 0.90   | cps   |
| Iron       | 54-2  | 459246   | 455021   | 454471   | 456246   | 0.57   | cps   |
| Krypton    | 83-1  | 143      | 170      | 150      | 154      | 8.98   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 2133704  | 2131849  | 2127193  | 2130915  | 0.16   | cps   |
| Lead       | 207-1 | 1668121  | 1687637  | 1688440  | 1681399  | 0.68   | cps   |
| Lead       | 208-1 | 8245980  | 8265355  | 8299311  | 8270215  | 0.33   | cps   |
| Lithium    | 6-1   | 1445511  | 1455743  | 1411334  | 1437529  | 1.62   | cps   |
| Magnesium  | 24-2  | 410569   | 410416   | 406981   | 409322   | 0.50   | cps   |
| Manganese  | 55-2  | 339716   | 339483   | 335545   | 338248   | 0.69   | cps   |
| Molybdenum | 94-1  | 14309553 | 14262980 | 14242478 | 14271670 | 0.24   | cps   |
| Molybdenum | 95-1  | 25240894 | 25143045 | 24980425 | 25121455 | 0.52   | cps   |
| Molybdenum | 96-1  | 27360855 | 27216282 | 27022292 | 27199810 | 0.62   | cps   |
| Molybdenum | 97-1  | 15807103 | 15721514 | 15717198 | 15748605 | 0.32   | cps   |
| Molybdenum | 98-1  | 40725099 | 41042274 | 40224593 | 40663989 | 1.01   | cps   |
| Neodymium  | 150-1 | 20       | 20       | 30       | 23       | 24.74  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Nickel     | 60-2  | 170797   | 171046   | 170018   | 170620   | 0.31   | cps   |
| Phosphorus | 31-2  | 297      | 257      | 197      | 250      | 20.13  | cps   |
| Potassium  | 39-2  | 1021447  | 1018094  | 1018331  | 1019291  | 0.18   | cps   |
| Rhodium    | 103-1 | 10380008 | 10276948 | 10139361 | 10265439 | 1.18   | cps   |
| Rhodium    | 103-2 | 6492615  | 6461578  | 6411083  | 6455092  | 0.64   | cps   |
| Scandium   | 45-1  | 5340119  | 5284063  | 5341044  | 5321742  | 0.61   | cps   |
| Scandium   | 45-2  | 522282   | 520551   | 520547   | 521127   | 0.19   | cps   |
| Selenium   | 82-1  | 34022    | 34345    | 34002    | 34123    | 0.57   | cps   |
| Selenium   | 77-2  | 3891     | 4047     | 3851     | 3929     | 2.65   | cps   |
| Selenium   | 78-2  | 13730    | 13686    | 13890    | 13769    | 0.78   | cps   |
| Silicon    | 28-1  | 664857   | 657375   | 641299   | 654511   | 1.84   | cps   |
| Silver     | 107-1 | 656735   | 667713   | 661955   | 662134   | 0.83   | cps   |
| Silver     | 109-1 | 624242   | 629612   | 630910   | 628255   | 0.56   | cps   |
| Sodium     | 23-2  | 1229918  | 1214517  | 1197343  | 1213926  | 1.34   | cps   |
| Strontium  | 86-1  | 1073     | 1153     | 1113     | 1113     | 3.59   | cps   |
| Strontium  | 88-1  | 7916     | 7689     | 7549     | 7718     | 2.40   | cps   |
| Sulfur     | 34-1  | 138158   | 139725   | 136886   | 138256   | 1.03   | cps   |
| Terbium    | 159-1 | 15978457 | 15786462 | 15544314 | 15769744 | 1.38   | cps   |
| Terbium    | 159-2 | 10829147 | 10660116 | 10729967 | 10739743 | 0.79   | cps   |
| Thallium   | 203-1 | 2581718  | 2599270  | 2663855  | 2614948  | 1.65   | cps   |
| Thallium   | 205-1 | 6295741  | 6256744  | 6226422  | 6259636  | 0.56   | cps   |
| Tin        | 118-1 | 950      | 1050     | 1053     | 1018     | 5.77   | cps   |
| Titanium   | 47-1  | 547      | 433      | 407      | 462      | 16.08  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICV001 Instrumnet Name : P7  
Client Sample ID : ICV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:04:12 DataFile Name : 014ICV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 383      | 310      | 283      | 326      | 15.91  | cps   |
| Vanadium  | 51-2  | 365002   | 368591   | 364672   | 366088   | 0.59   | cps   |
| Yttrium   | 89-1  | 16804346 | 16676294 | 16598647 | 16693095 | 0.62   | cps   |
| Yttrium   | 89-2  | 4943533  | 4920873  | 4928730  | 4931045  | 0.23   | cps   |
| Zinc      | 66-2  | 164044   | 161590   | 164700   | 163445   | 1.00   | cps   |
| Zirconium | 90-1  | 1173     | 1200     | 1180     | 1185     | 1.17   | cps   |
| Zirconium | 91-1  | 353      | 310      | 380      | 348      | 10.16  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 257      | 217      | 207      | 227      | 11.67  | cps   |
| Antimony   | 121-1 | 680      | 593      | 553      | 609      | 10.63  | cps   |
| Arsenic    | 75-2  | 23       | 13       | 7        | 14       | 58.06  | cps   |
| Barium     | 135-1 | 43       | 60       | 37       | 47       | 25.75  | cps   |
| Barium     | 137-1 | 127      | 107      | 100      | 111      | 12.49  | cps   |
| Beryllium  | 9-1   | 113      | 137      | 90       | 113      | 20.59  | cps   |
| Bismuth    | 209-1 | 10404668 | 10386332 | 10289723 | 10360241 | 0.60   | cps   |
| Bismuth    | 209-2 | 7998863  | 7921692  | 7951557  | 7957371  | 0.49   | cps   |
| Bromine    | 81-1  | 13066    | 13183    | 13163    | 13137    | 0.48   | cps   |
| Bromine    | 81-2  | 87       | 53       | 90       | 77       | 26.45  | cps   |
| Cadmium    | 108-1 | 33       | 37       | 43       | 38       | 13.48  | cps   |
| Cadmium    | 106-1 | 13423    | 12913    | 13343    | 13226    | 2.08   | cps   |
| Cadmium    | 111-1 | 9406     | 9050     | 9350     | 9269     | 2.07   | cps   |
| Calcium    | 43-1  | 423      | 430      | 460      | 438      | 4.46   | cps   |
| Calcium    | 44-1  | 12853    | 12613    | 12543    | 12669    | 1.28   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 2977     | 3104     | 3057     | 3046     | 2.10   | cps   |
| Cobalt     | 59-2  | 143      | 200      | 157      | 167      | 17.77  | cps   |
| Copper     | 63-2  | 2517     | 2464     | 2384     | 2455     | 2.73   | cps   |
| Dysprosium | 156-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 63       | 77       | 77       | 72       | 10.66  | cps   |
| Erbium     | 164-2 | 50       | 50       | 33       | 44       | 21.66  | cps   |
| Gadolinium | 160-1 | 87       | 77       | 67       | 77       | 13.04  | cps   |
| Gadolinium | 160-2 | 523      | 633      | 553      | 570      | 9.98   | cps   |
| Holmium    | 165-1 | 15659263 | 15482225 | 15429649 | 15523712 | 0.77   | cps   |
| Holmium    | 165-2 | 11008082 | 10880321 | 10907467 | 10931957 | 0.62   | cps   |
| Indium     | 115-1 | 11487905 | 11458319 | 11320699 | 11422308 | 0.78   | cps   |
| Indium     | 115-2 | 4459510  | 4462190  | 4489587  | 4470429  | 0.37   | cps   |
| Iron       | 56-2  | 27575    | 26917    | 27398    | 27297    | 1.25   | cps   |
| Iron       | 57-2  | 1387     | 1327     | 1507     | 1407     | 6.52   | cps   |
| Iron       | 54-2  | 2710     | 2770     | 2847     | 2776     | 2.47   | cps   |
| Krypton    | 83-1  | 147      | 150      | 180      | 159      | 11.55  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 1240     | 1177     | 1110     | 1176     | 5.53   | cps   |
| Lead       | 207-1 | 1043     | 1000     | 967      | 1003     | 3.83   | cps   |
| Lead       | 208-1 | 4857     | 4694     | 4340     | 4630     | 5.70   | cps   |
| Lithium    | 6-1   | 1404177  | 1404188  | 1417848  | 1408737  | 0.56   | cps   |
| Magnesium  | 24-2  | 1010     | 963      | 1053     | 1009     | 4.46   | cps   |
| Manganese  | 55-2  | 587      | 470      | 443      | 500      | 15.25  | cps   |
| Molybdenum | 94-1  | 1357     | 1347     | 1253     | 1319     | 4.32   | cps   |
| Molybdenum | 95-1  | 2017     | 1787     | 1540     | 1781     | 13.38  | cps   |
| Molybdenum | 96-1  | 2277     | 2003     | 1877     | 2052     | 9.96   | cps   |
| Molybdenum | 97-1  | 1237     | 1140     | 1127     | 1168     | 5.14   | cps   |
| Molybdenum | 98-1  | 3127     | 2750     | 2980     | 2953     | 6.43   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 920      | 927      | 983      | 943      | 3.69   | cps   |
| Phosphorus | 31-2  | 237      | 247      | 263      | 249      | 5.41   | cps   |
| Potassium  | 39-2  | 45628    | 45779    | 46715    | 46040    | 1.28   | cps   |
| Rhodium    | 103-1 | 10431116 | 10324232 | 10388868 | 10381405 | 0.52   | cps   |
| Rhodium    | 103-2 | 6429944  | 6421558  | 6361519  | 6404340  | 0.58   | cps   |
| Scandium   | 45-1  | 5405018  | 5409124  | 5364265  | 5392802  | 0.46   | cps   |
| Scandium   | 45-2  | 526005   | 521873   | 521346   | 523075   | 0.49   | cps   |
| Selenium   | 82-1  | 518      | 482      | 509      | 503      | 3.67   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 340      | 373      | 367      | 360      | 4.90   | cps   |
| Silicon    | 28-1  | 661984   | 660405   | 673883   | 665424   | 1.11   | cps   |
| Silver     | 107-1 | 263      | 257      | 267      | 262      | 1.94   | cps   |
| Silver     | 109-1 | 293      | 200      | 133      | 209      | 38.47  | cps   |
| Sodium     | 23-2  | 27638    | 27565    | 26429    | 27211    | 2.49   | cps   |
| Strontium  | 86-1  | 347      | 297      | 317      | 320      | 7.86   | cps   |
| Strontium  | 88-1  | 303      | 250      | 263      | 272      | 10.20  | cps   |
| Sulfur     | 34-1  | 144707   | 146255   | 144960   | 145307   | 0.57   | cps   |
| Terbium    | 159-1 | 15721926 | 15655661 | 15600626 | 15659404 | 0.39   | cps   |
| Terbium    | 159-2 | 10721610 | 10524377 | 10504380 | 10583456 | 1.13   | cps   |
| Thallium   | 203-1 | 417      | 413      | 357      | 396      | 8.52   | cps   |
| Thallium   | 205-1 | 1060     | 877      | 980      | 972      | 9.45   | cps   |
| Tin        | 118-1 | 820      | 863      | 853      | 846      | 2.68   | cps   |
| Titanium   | 47-1  | 63       | 97       | 70       | 77       | 23.01  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICB001 Instrumnet Name : P7  
Client Sample ID : ICB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:09:46 DataFile Name : 015CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 27       | 73       | 50       | 50       | 46.66  | cps   |
| Vanadium  | 51-2  | 37       | 40       | 30       | 36       | 14.32  | cps   |
| Yttrium   | 89-1  | 16864174 | 16677908 | 16833526 | 16791869 | 0.59   | cps   |
| Yttrium   | 89-2  | 5035622  | 4916015  | 4979756  | 4977131  | 1.20   | cps   |
| Zinc      | 66-2  | 413      | 397      | 380      | 397      | 4.20   | cps   |
| Zirconium | 90-1  | 863      | 773      | 887      | 841      | 7.12   | cps   |
| Zirconium | 91-1  | 87       | 130      | 147      | 121      | 25.57  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 18952933  | 18764269  | 18831433  | 18849545  | 0.51   | cps   |
| Antimony   | 121-1 | 11511     | 11938     | 11845     | 11765     | 1.91   | cps   |
| Arsenic    | 75-2  | 227       | 170       | 200       | 199       | 14.25  | cps   |
| Barium     | 135-1 | 3931      | 4027      | 3931      | 3963      | 1.41   | cps   |
| Barium     | 137-1 | 6935      | 7025      | 7145      | 7035      | 1.50   | cps   |
| Beryllium  | 9-1   | 420       | 437       | 393       | 417       | 5.25   | cps   |
| Bismuth    | 209-1 | 9658370   | 9759579   | 9682242   | 9700064   | 0.55   | cps   |
| Bismuth    | 209-2 | 7413047   | 7438188   | 7548158   | 7466465   | 0.96   | cps   |
| Bromine    | 81-1  | 13937     | 14430     | 14517     | 14295     | 2.19   | cps   |
| Bromine    | 81-2  | 303       | 297       | 330       | 310       | 5.69   | cps   |
| Cadmium    | 108-1 | 1780      | 1787      | 1703      | 1757      | 2.64   | cps   |
| Cadmium    | 106-1 | 12485     | 12816     | 12722     | 12675     | 1.34   | cps   |
| Cadmium    | 111-1 | 9664      | 9810      | 9903      | 9793      | 1.23   | cps   |
| Calcium    | 43-1  | 2302425   | 2324308   | 2345934   | 2324222   | 0.94   | cps   |
| Calcium    | 44-1  | 37249569  | 37368934  | 37865355  | 37494619  | 0.87   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 83462     | 84170     | 83355     | 83662     | 0.53   | cps   |
| Cobalt     | 59-2  | 8269      | 7972      | 7976      | 8072      | 2.11   | cps   |
| Copper     | 63-2  | 33581     | 34132     | 34262     | 33992     | 1.06   | cps   |
| Dysprosium | 156-1 | 60        | 57        | 33        | 50        | 29.06  | cps   |
| Dysprosium | 156-2 | 60        | 53        | 33        | 49        | 28.39  | cps   |
| Erbium     | 164-1 | 87        | 90        | 133       | 103       | 25.20  | cps   |
| Erbium     | 164-2 | 77        | 83        | 87        | 82        | 6.19   | cps   |
| Gadolinium | 160-1 | 110       | 140       | 133       | 128       | 12.33  | cps   |
| Gadolinium | 160-2 | 653       | 657       | 580       | 630       | 6.88   | cps   |
| Holmium    | 165-1 | 15331513  | 15580075  | 15627580  | 15513056  | 1.02   | cps   |
| Holmium    | 165-2 | 10835962  | 10868674  | 10917189  | 10873942  | 0.38   | cps   |
| Indium     | 115-1 | 10844553  | 10727670  | 10776481  | 10782901  | 0.54   | cps   |
| Indium     | 115-2 | 4327759   | 4306328   | 4238494   | 4290860   | 1.09   | cps   |
| Iron       | 56-2  | 378405581 | 377289101 | 379029914 | 378241532 | 0.23   | cps   |
| Iron       | 57-2  | 9490734   | 9363875   | 9514440   | 9456350   | 0.86   | cps   |
| Iron       | 54-2  | 20558498  | 20558893  | 20445024  | 20520805  | 0.32   | cps   |
| Krypton    | 83-1  | 133       | 153       | 183       | 157       | 16.06  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 48242    | 46877    | 46081    | 47067    | 2.32   | cps   |
| Lead       | 207-1 | 38822    | 37569    | 36108    | 37499    | 3.62   | cps   |
| Lead       | 208-1 | 183574   | 177304   | 173882   | 178253   | 2.76   | cps   |
| Lithium    | 6-1   | 1373288  | 1334643  | 1353735  | 1353889  | 1.43   | cps   |
| Magnesium  | 24-2  | 32975152 | 32833946 | 32649654 | 32819584 | 0.50   | cps   |
| Manganese  | 55-2  | 25882    | 25796    | 26263    | 25980    | 0.96   | cps   |
| Molybdenum | 94-1  | 5657686  | 5742555  | 5721431  | 5707224  | 0.77   | cps   |
| Molybdenum | 95-1  | 9994425  | 10010946 | 10023436 | 10009602 | 0.15   | cps   |
| Molybdenum | 96-1  | 10820349 | 10772180 | 10954649 | 10849060 | 0.87   | cps   |
| Molybdenum | 97-1  | 6273897  | 6355777  | 6253694  | 6294456  | 0.86   | cps   |
| Molybdenum | 98-1  | 16254441 | 16350482 | 16300967 | 16301964 | 0.29   | cps   |
| Neodymium  | 150-1 | 70       | 63       | 60       | 64       | 7.90   | cps   |
| Neodymium  | 150-2 | 40       | 43       | 43       | 42       | 4.55   | cps   |
| Nickel     | 60-2  | 8809     | 9256     | 9140     | 9068     | 2.56   | cps   |
| Phosphorus | 31-2  | 1017508  | 1014155  | 1015317  | 1015660  | 0.17   | cps   |
| Potassium  | 39-2  | 45386586 | 45509076 | 45564574 | 45486745 | 0.20   | cps   |
| Rhodium    | 103-1 | 9440929  | 9368047  | 9298587  | 9369188  | 0.76   | cps   |
| Rhodium    | 103-2 | 6007057  | 5912121  | 5881610  | 5933596  | 1.10   | cps   |
| Scandium   | 45-1  | 5016970  | 5056980  | 5109673  | 5061207  | 0.92   | cps   |
| Scandium   | 45-2  | 502772   | 503470   | 500319   | 502187   | 0.33   | cps   |
| Selenium   | 82-1  | 504      | 510      | 424      | 479      | 9.97   | cps   |
| Selenium   | 77-2  | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 357      | 407      | 293      | 352      | 16.13  | cps   |
| Silicon    | 28-1  | 675120   | 671539   | 682670   | 676443   | 0.84   | cps   |
| Silver     | 107-1 | 1010     | 720      | 727      | 819      | 20.22  | cps   |
| Silver     | 109-1 | 730      | 653      | 643      | 676      | 7.02   | cps   |
| Sodium     | 23-2  | 56969431 | 56808027 | 56375692 | 56717717 | 0.54   | cps   |
| Strontium  | 86-1  | 106854   | 107012   | 109594   | 107820   | 1.43   | cps   |
| Strontium  | 88-1  | 936486   | 943097   | 961095   | 946893   | 1.35   | cps   |
| Sulfur     | 34-1  | 3407243  | 3409432  | 3457797  | 3424824  | 0.83   | cps   |
| Terbium    | 159-1 | 15489447 | 15719897 | 15515491 | 15574945 | 0.81   | cps   |
| Terbium    | 159-2 | 10638504 | 10440125 | 10590979 | 10556536 | 0.98   | cps   |
| Thallium   | 203-1 | 1427     | 1590     | 1610     | 1542     | 6.52   | cps   |
| Thallium   | 205-1 | 3677     | 3621     | 3921     | 3739     | 4.26   | cps   |
| Tin        | 118-1 | 2294     | 2347     | 2294     | 2311     | 1.33   | cps   |
| Titanium   | 47-1  | 2221953  | 2212475  | 2258082  | 2230837  | 1.08   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSA001 Instrumnet Name : P7  
Client Sample ID : ICSA001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:13:04 DataFile Name : 016ICSA.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 700      | 637      | 703      | 680      | 5.52   | cps   |
| Vanadium  | 51-2  | 777      | 713      | 720      | 737      | 4.72   | cps   |
| Yttrium   | 89-1  | 16139453 | 16124617 | 16268075 | 16177382 | 0.49   | cps   |
| Yttrium   | 89-2  | 4881031  | 4885367  | 4784930  | 4850443  | 1.17   | cps   |
| Zinc      | 66-2  | 8956     | 8786     | 8693     | 8812     | 1.52   | cps   |
| Zirconium | 90-1  | 1023     | 987      | 1070     | 1027     | 4.07   | cps   |
| Zirconium | 91-1  | 177      | 223      | 210      | 203      | 11.82  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 19048327  | 18783130  | 18938634  | 18923364  | 0.70   | cps   |
| Antimony   | 121-1 | 227637    | 230753    | 231101    | 229831    | 0.83   | cps   |
| Arsenic    | 75-2  | 11224     | 11178     | 11541     | 11314     | 1.75   | cps   |
| Barium     | 135-1 | 60766     | 60561     | 61934     | 61087     | 1.21   | cps   |
| Barium     | 137-1 | 106351    | 107814    | 107799    | 107321    | 0.78   | cps   |
| Beryllium  | 9-1   | 23481     | 23895     | 23818     | 23731     | 0.93   | cps   |
| Bismuth    | 209-1 | 9744033   | 9895086   | 9871256   | 9836792   | 0.83   | cps   |
| Bismuth    | 209-2 | 7519542   | 7539418   | 7512924   | 7523961   | 0.18   | cps   |
| Bromine    | 81-1  | 14120     | 14774     | 14851     | 14582     | 2.75   | cps   |
| Bromine    | 81-2  | 337       | 387       | 343       | 356       | 7.64   | cps   |
| Cadmium    | 108-1 | 5134      | 5264      | 5011      | 5137      | 2.47   | cps   |
| Cadmium    | 106-1 | 18322     | 17697     | 17731     | 17917     | 1.96   | cps   |
| Cadmium    | 111-1 | 63954     | 63346     | 63349     | 63550     | 0.55   | cps   |
| Calcium    | 43-1  | 2351567   | 2408652   | 2391902   | 2384040   | 1.23   | cps   |
| Calcium    | 44-1  | 38533298  | 38414969  | 38623654  | 38523973  | 0.27   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 165102    | 165315    | 165295    | 165237    | 0.07   | cps   |
| Cobalt     | 59-2  | 132992    | 133531    | 135034    | 133853    | 0.79   | cps   |
| Copper     | 63-2  | 119922    | 121352    | 122012    | 121095    | 0.88   | cps   |
| Dysprosium | 156-1 | 53        | 43        | 43        | 47        | 12.37  | cps   |
| Dysprosium | 156-2 | 57        | 37        | 43        | 46        | 22.36  | cps   |
| Erbium     | 164-1 | 110       | 120       | 127       | 119       | 7.06   | cps   |
| Erbium     | 164-2 | 73        | 80        | 50        | 68        | 23.24  | cps   |
| Gadolinium | 160-1 | 147       | 137       | 127       | 137       | 7.32   | cps   |
| Gadolinium | 160-2 | 577       | 667       | 583       | 609       | 8.24   | cps   |
| Holmium    | 165-1 | 15729167  | 15908397  | 15957351  | 15864972  | 0.76   | cps   |
| Holmium    | 165-2 | 11001486  | 11033321  | 11031491  | 11022099  | 0.16   | cps   |
| Indium     | 115-1 | 11027148  | 11027344  | 11088862  | 11047784  | 0.32   | cps   |
| Indium     | 115-2 | 4259523   | 4316798   | 4275942   | 4284087   | 0.69   | cps   |
| Iron       | 56-2  | 377655674 | 379248568 | 378590888 | 378498377 | 0.21   | cps   |
| Iron       | 57-2  | 9513106   | 9423003   | 9499735   | 9478615   | 0.51   | cps   |
| Iron       | 54-2  | 20599436  | 20563306  | 20621662  | 20594801  | 0.14   | cps   |
| Krypton    | 83-1  | 187       | 173       | 187       | 182       | 4.22   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 239067   | 242396   | 241642   | 241035   | 0.72   | cps   |
| Lead       | 207-1 | 199615   | 202861   | 203653   | 202043   | 1.06   | cps   |
| Lead       | 208-1 | 928176   | 943897   | 944148   | 938741   | 0.97   | cps   |
| Lithium    | 6-1   | 1360978  | 1354568  | 1369099  | 1361549  | 0.53   | cps   |
| Magnesium  | 24-2  | 33299030 | 32930904 | 32950114 | 33060016 | 0.63   | cps   |
| Manganese  | 55-2  | 90929    | 92703    | 90124    | 91252    | 1.45   | cps   |
| Molybdenum | 94-1  | 5863026  | 5841609  | 5873718  | 5859451  | 0.28   | cps   |
| Molybdenum | 95-1  | 10197415 | 10300476 | 10362512 | 10286801 | 0.81   | cps   |
| Molybdenum | 96-1  | 11066464 | 11124661 | 11090212 | 11093779 | 0.26   | cps   |
| Molybdenum | 97-1  | 6398317  | 6430714  | 6451492  | 6426841  | 0.42   | cps   |
| Molybdenum | 98-1  | 16730370 | 16672293 | 16723369 | 16708677 | 0.19   | cps   |
| Neodymium  | 150-1 | 57       | 63       | 43       | 54       | 18.71  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 53       | 36       | 47.19  | cps   |
| Nickel     | 60-2  | 40167    | 40027    | 41100    | 40431    | 1.44   | cps   |
| Phosphorus | 31-2  | 1024657  | 1022319  | 1024671  | 1023882  | 0.13   | cps   |
| Potassium  | 39-2  | 45866369 | 46333986 | 46238169 | 46146175 | 0.54   | cps   |
| Rhodium    | 103-1 | 9574534  | 9599045  | 9614098  | 9595893  | 0.21   | cps   |
| Rhodium    | 103-2 | 6038585  | 6047533  | 5992442  | 6026187  | 0.49   | cps   |
| Scandium   | 45-1  | 5223971  | 5219038  | 5223256  | 5222088  | 0.05   | cps   |
| Scandium   | 45-2  | 515019   | 516710   | 516699   | 516143   | 0.19   | cps   |
| Selenium   | 82-1  | 3516     | 3663     | 3525     | 3568     | 2.31   | cps   |
| Selenium   | 77-2  | 370      | 367      | 390      | 376      | 3.36   | cps   |
| Selenium   | 78-2  | 1523     | 1563     | 1493     | 1527     | 2.30   | cps   |
| Silicon    | 28-1  | 736977   | 730267   | 739679   | 735641   | 0.66   | cps   |
| Silver     | 107-1 | 249472   | 253518   | 254040   | 252343   | 0.99   | cps   |
| Silver     | 109-1 | 237803   | 241015   | 242509   | 240442   | 1.00   | cps   |
| Sodium     | 23-2  | 57541484 | 56911926 | 57250891 | 57234767 | 0.55   | cps   |
| Strontium  | 86-1  | 110057   | 111391   | 111596   | 111014   | 0.75   | cps   |
| Strontium  | 88-1  | 974557   | 977626   | 979869   | 977351   | 0.27   | cps   |
| Sulfur     | 34-1  | 3483786  | 3484149  | 3427040  | 3464992  | 0.95   | cps   |
| Terbium    | 159-1 | 15919892 | 15996371 | 16022357 | 15979540 | 0.33   | cps   |
| Terbium    | 159-2 | 10573685 | 10645376 | 10630974 | 10616678 | 0.36   | cps   |
| Thallium   | 203-1 | 241681   | 246200   | 247205   | 245029   | 1.20   | cps   |
| Thallium   | 205-1 | 572109   | 576902   | 580893   | 576635   | 0.76   | cps   |
| Tin        | 118-1 | 2427     | 2027     | 2160     | 2205     | 9.24   | cps   |
| Titanium   | 47-1  | 2262318  | 2299126  | 2272094  | 2277846  | 0.84   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : ICSAB001 Instrumnet Name : P7  
Client Sample ID : ICSAB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:16:07 DataFile Name : 017ICSB.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 683      | 630      | 670      | 661      | 4.20   | cps   |
| Vanadium  | 51-2  | 71053    | 71760    | 71719    | 71511    | 0.56   | cps   |
| Yttrium   | 89-1  | 16812155 | 16605461 | 16608151 | 16675256 | 0.71   | cps   |
| Yttrium   | 89-2  | 4937273  | 4952792  | 4846210  | 4912091  | 1.17   | cps   |
| Zinc      | 66-2  | 23953    | 24754    | 24664    | 24457    | 1.79   | cps   |
| Zirconium | 90-1  | 1017     | 1067     | 917      | 1000     | 7.64   | cps   |
| Zirconium | 91-1  | 193      | 183      | 213      | 197      | 7.77   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10262375  | 10397643  | 10261204  | 10307074  | 0.76   | cps   |
| Antimony   | 121-1 | 5141429   | 5212854   | 5228684   | 5194323   | 0.89   | cps   |
| Arsenic    | 75-2  | 257585    | 258089    | 256463    | 257379    | 0.32   | cps   |
| Barium     | 135-1 | 6912654   | 6919601   | 6975115   | 6935790   | 0.49   | cps   |
| Barium     | 137-1 | 12058831  | 12137874  | 12101171  | 12099292  | 0.33   | cps   |
| Beryllium  | 9-1   | 534679    | 540428    | 541962    | 539023    | 0.71   | cps   |
| Bismuth    | 209-1 | 9483862   | 9526173   | 9486567   | 9498867   | 0.25   | cps   |
| Bismuth    | 209-2 | 7098765   | 7119723   | 7114603   | 7111030   | 0.15   | cps   |
| Bromine    | 81-1  | 13546     | 12979     | 12902     | 13143     | 2.68   | cps   |
| Bromine    | 81-2  | 90        | 113       | 113       | 106       | 12.76  | cps   |
| Cadmium    | 108-1 | 91842     | 91315     | 92338     | 91832     | 0.56   | cps   |
| Cadmium    | 106-1 | 140306    | 141683    | 141521    | 141170    | 0.53   | cps   |
| Cadmium    | 111-1 | 1237291   | 1248824   | 1241837   | 1242651   | 0.47   | cps   |
| Calcium    | 43-1  | 5734767   | 5831876   | 5765228   | 5777290   | 0.86   | cps   |
| Calcium    | 44-1  | 93945372  | 95409029  | 94846472  | 94733624  | 0.78   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 1962468   | 1974824   | 1951068   | 1962787   | 0.61   | cps   |
| Cobalt     | 59-2  | 3010773   | 3017076   | 2957423   | 2995091   | 1.09   | cps   |
| Copper     | 63-2  | 21054900  | 20987713  | 20807653  | 20950089  | 0.61   | cps   |
| Dysprosium | 156-1 | 390       | 440       | 383       | 404       | 7.66   | cps   |
| Dysprosium | 156-2 | 573       | 520       | 553       | 549       | 4.91   | cps   |
| Erbium     | 164-1 | 393       | 303       | 397       | 364       | 14.53  | cps   |
| Erbium     | 164-2 | 237       | 240       | 217       | 231       | 5.46   | cps   |
| Gadolinium | 160-1 | 333       | 290       | 323       | 316       | 7.19   | cps   |
| Gadolinium | 160-2 | 830       | 813       | 830       | 824       | 1.17   | cps   |
| Holmium    | 165-1 | 15402923  | 15343465  | 15240087  | 15328825  | 0.54   | cps   |
| Holmium    | 165-2 | 10619005  | 10720078  | 10678292  | 10672458  | 0.48   | cps   |
| Indium     | 115-1 | 10654216  | 10554139  | 10567572  | 10591976  | 0.51   | cps   |
| Indium     | 115-2 | 4163176   | 4212479   | 4042837   | 4139497   | 2.11   | cps   |
| Iron       | 56-2  | 453968513 | 457159353 | 452741007 | 454622958 | 0.50   | cps   |
| Iron       | 57-2  | 11528960  | 11560671  | 11465186  | 11518272  | 0.42   | cps   |
| Iron       | 54-2  | 24633072  | 25027134  | 24568415  | 24742874  | 1.00   | cps   |
| Krypton    | 83-1  | 173       | 170       | 180       | 174       | 2.92   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 23478233  | 23371845  | 23551971  | 23467350  | 0.39   | cps   |
| Lead       | 207-1 | 20515371  | 20682771  | 20720738  | 20639627  | 0.53   | cps   |
| Lead       | 208-1 | 94027917  | 94680488  | 94893086  | 94533830  | 0.48   | cps   |
| Lithium    | 6-1   | 1324766   | 1323018   | 1337531   | 1328438   | 0.60   | cps   |
| Magnesium  | 24-2  | 82842589  | 83059990  | 82130650  | 82677743  | 0.59   | cps   |
| Manganese  | 55-2  | 15370658  | 15534126  | 15425291  | 15443358  | 0.54   | cps   |
| Molybdenum | 94-1  | 17624582  | 17639094  | 17625626  | 17629767  | 0.05   | cps   |
| Molybdenum | 95-1  | 24996094  | 25162338  | 24775058  | 24977830  | 0.78   | cps   |
| Molybdenum | 96-1  | 27249614  | 27563804  | 27530325  | 27447914  | 0.63   | cps   |
| Molybdenum | 97-1  | 15548844  | 15729162  | 15740486  | 15672831  | 0.69   | cps   |
| Molybdenum | 98-1  | 40353536  | 40744358  | 40403026  | 40500307  | 0.53   | cps   |
| Neodymium  | 150-1 | 570       | 633       | 643       | 616       | 6.46   | cps   |
| Neodymium  | 150-2 | 217       | 227       | 227       | 223       | 2.59   | cps   |
| Nickel     | 60-2  | 713464    | 719196    | 709927    | 714196    | 0.65   | cps   |
| Phosphorus | 31-2  | 96924     | 98551     | 97954     | 97810     | 0.84   | cps   |
| Potassium  | 39-2  | 57085807  | 57869009  | 57493899  | 57482905  | 0.68   | cps   |
| Rhodium    | 103-1 | 9191860   | 9197352   | 9220933   | 9203382   | 0.17   | cps   |
| Rhodium    | 103-2 | 5755497   | 5776656   | 5656561   | 5729571   | 1.12   | cps   |
| Scandium   | 45-1  | 5177094   | 5174109   | 5139018   | 5163407   | 0.41   | cps   |
| Scandium   | 45-2  | 507767    | 510462    | 504952    | 507727    | 0.54   | cps   |
| Selenium   | 82-1  | 73733     | 74116     | 74166     | 74005     | 0.32   | cps   |
| Selenium   | 77-2  | 8236      | 8212      | 8232      | 8227      | 0.15   | cps   |
| Selenium   | 78-2  | 27776     | 28127     | 27953     | 27952     | 0.63   | cps   |
| Silicon    | 28-1  | 25300508  | 25512755  | 25274791  | 25362685  | 0.51   | cps   |
| Silver     | 107-1 | 6104018   | 6120379   | 6175102   | 6133167   | 0.61   | cps   |
| Silver     | 109-1 | 5726786   | 5849936   | 5850823   | 5809182   | 1.23   | cps   |
| Sodium     | 23-2  | 140741601 | 141598061 | 140290708 | 140876790 | 0.47   | cps   |
| Strontium  | 86-1  | 1582167   | 1581304   | 1577816   | 1580429   | 0.15   | cps   |
| Strontium  | 88-1  | 13966797  | 13836876  | 13866534  | 13890069  | 0.49   | cps   |
| Sulfur     | 34-1  | 437849    | 439219    | 439836    | 438968    | 0.23   | cps   |
| Terbium    | 159-1 | 15553289  | 15435407  | 15323365  | 15437354  | 0.74   | cps   |
| Terbium    | 159-2 | 10328139  | 10431018  | 10312704  | 10357287  | 0.62   | cps   |
| Thallium   | 203-1 | 5918042   | 5893471   | 5876521   | 5896012   | 0.35   | cps   |
| Thallium   | 205-1 | 14050349  | 13999050  | 13903642  | 13984347  | 0.53   | cps   |
| Tin        | 118-1 | 4235663   | 4365327   | 4307680   | 4302890   | 1.51   | cps   |
| Titanium   | 47-1  | 5394437   | 5467417   | 5505968   | 5455941   | 1.04   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV001 Instrumnet Name : P7  
Client Sample ID : CCV001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:19:11 DataFile Name : 018CCV.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 20182256 | 20158552 | 20447508 | 20262772 | 0.79   | cps   |
| Vanadium  | 51-2  | 1745538  | 1769249  | 1742709  | 1752499  | 0.83   | cps   |
| Yttrium   | 89-1  | 16373256 | 16200699 | 16369816 | 16314590 | 0.60   | cps   |
| Yttrium   | 89-2  | 4804199  | 4840194  | 4772671  | 4805688  | 0.70   | cps   |
| Zinc      | 66-2  | 3506038  | 3521143  | 3480541  | 3502574  | 0.59   | cps   |
| Zirconium | 90-1  | 8667508  | 8618620  | 8677874  | 8654667  | 0.37   | cps   |
| Zirconium | 91-1  | 1868082  | 1912276  | 1910221  | 1896860  | 1.31   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 307      | 950      | 250      | 502      | 77.44  | cps   |
| Antimony   | 121-1 | 657      | 540      | 623      | 607      | 9.91   | cps   |
| Arsenic    | 75-2  | 10       | 43       | 0        | 18       | 127.63 | cps   |
| Barium     | 135-1 | 240      | 183      | 220      | 214      | 13.40  | cps   |
| Barium     | 137-1 | 447      | 410      | 313      | 390      | 17.66  | cps   |
| Beryllium  | 9-1   | 107      | 83       | 77       | 89       | 17.72  | cps   |
| Bismuth    | 209-1 | 10476074 | 10664131 | 10598969 | 10579724 | 0.90   | cps   |
| Bismuth    | 209-2 | 8138949  | 8153954  | 8183486  | 8158796  | 0.28   | cps   |
| Bromine    | 81-1  | 13817    | 14020    | 13373    | 13736    | 2.41   | cps   |
| Bromine    | 81-2  | 120      | 197      | 173      | 163      | 24.06  | cps   |
| Cadmium    | 108-1 | 40       | 20       | 20       | 27       | 43.30  | cps   |
| Cadmium    | 106-1 | 13270    | 13626    | 13710    | 13535    | 1.73   | cps   |
| Cadmium    | 111-1 | 9377     | 9595     | 9646     | 9539     | 1.50   | cps   |
| Calcium    | 43-1  | 587      | 523      | 533      | 548      | 6.22   | cps   |
| Calcium    | 44-1  | 15472    | 15422    | 14908    | 15267    | 2.04   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 3174     | 2957     | 3080     | 3070     | 3.54   | cps   |
| Cobalt     | 59-2  | 163      | 1128     | 180      | 490      | 112.57 | cps   |
| Copper     | 63-2  | 3624     | 8029     | 3470     | 5041     | 51.35  | cps   |
| Dysprosium | 156-1 | 27       | 10       | 3        | 13       | 90.16  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 77       | 80       | 87       | 81       | 6.28   | cps   |
| Erbium     | 164-2 | 40       | 73       | 47       | 53       | 33.07  | cps   |
| Gadolinium | 160-1 | 127      | 80       | 67       | 91       | 34.58  | cps   |
| Gadolinium | 160-2 | 590      | 617      | 547      | 584      | 6.05   | cps   |
| Holmium    | 165-1 | 15614980 | 15994753 | 16020449 | 15876727 | 1.43   | cps   |
| Holmium    | 165-2 | 11184243 | 11293398 | 11204259 | 11227300 | 0.52   | cps   |
| Indium     | 115-1 | 11582292 | 11817730 | 11749440 | 11716487 | 1.03   | cps   |
| Indium     | 115-2 | 4714830  | 4691593  | 4637184  | 4681202  | 0.85   | cps   |
| Iron       | 56-2  | 34871    | 171606   | 31486    | 79321    | 100.78 | cps   |
| Iron       | 57-2  | 1523     | 6123     | 1610     | 3086     | 85.27  | cps   |
| Iron       | 54-2  | 3227     | 3647     | 3057     | 3310     | 9.18   | cps   |
| Krypton    | 83-1  | 153      | 160      | 183      | 166      | 9.52   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 2234     | 1953     | 1880     | 2022     | 9.22   | cps   |
| Lead       | 207-1 | 1700     | 1637     | 1493     | 1610     | 6.58   | cps   |
| Lead       | 208-1 | 8438     | 7624     | 7274     | 7779     | 7.67   | cps   |
| Lithium    | 6-1   | 1393302  | 1395681  | 1424866  | 1404616  | 1.25   | cps   |
| Magnesium  | 24-2  | 2164     | 4171     | 1780     | 2705     | 47.48  | cps   |
| Manganese  | 55-2  | 653      | 1274     | 570      | 832      | 46.18  | cps   |
| Molybdenum | 94-1  | 1183     | 1120     | 1083     | 1129     | 4.48   | cps   |
| Molybdenum | 95-1  | 1307     | 1283     | 1217     | 1269     | 3.68   | cps   |
| Molybdenum | 96-1  | 1573     | 1487     | 1297     | 1452     | 9.75   | cps   |
| Molybdenum | 97-1  | 867      | 887      | 713      | 822      | 11.53  | cps   |
| Molybdenum | 98-1  | 2200     | 1900     | 1890     | 1997     | 8.82   | cps   |
| Neodymium  | 150-1 | 20       | 7        | 10       | 12       | 56.76  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 1053     | 1207     | 1013     | 1091     | 9.36   | cps   |
| Phosphorus | 31-2  | 203      | 287      | 243      | 244      | 17.05  | cps   |
| Potassium  | 39-2  | 50560    | 51665    | 50992    | 51072    | 1.09   | cps   |
| Rhodium    | 103-1 | 10367007 | 10558827 | 10603408 | 10509747 | 1.20   | cps   |
| Rhodium    | 103-2 | 6732806  | 6590621  | 6601692  | 6641706  | 1.19   | cps   |
| Scandium   | 45-1  | 5340245  | 5513612  | 5541318  | 5465058  | 1.99   | cps   |
| Scandium   | 45-2  | 547684   | 546523   | 546651   | 546953   | 0.12   | cps   |
| Selenium   | 82-1  | 520      | 485      | 464      | 489      | 5.78   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 437      | 413      | 383      | 411      | 6.50   | cps   |
| Silicon    | 28-1  | 705109   | 705779   | 708237   | 706375   | 0.23   | cps   |
| Silver     | 107-1 | 527      | 397      | 470      | 464      | 14.03  | cps   |
| Silver     | 109-1 | 390      | 350      | 373      | 371      | 5.41   | cps   |
| Sodium     | 23-2  | 37746    | 44817    | 36948    | 39837    | 10.87  | cps   |
| Strontium  | 86-1  | 387      | 390      | 303      | 360      | 13.64  | cps   |
| Strontium  | 88-1  | 623      | 603      | 543      | 590      | 7.06   | cps   |
| Sulfur     | 34-1  | 136479   | 140118   | 139896   | 138831   | 1.47   | cps   |
| Terbium    | 159-1 | 15731878 | 16047275 | 15746185 | 15841779 | 1.12   | cps   |
| Terbium    | 159-2 | 11062732 | 10964773 | 10851341 | 10959615 | 0.97   | cps   |
| Thallium   | 203-1 | 843      | 783      | 727      | 784      | 7.44   | cps   |
| Thallium   | 205-1 | 2037     | 1937     | 1893     | 1956     | 3.76   | cps   |
| Tin        | 118-1 | 960      | 1027     | 1030     | 1006     | 3.93   | cps   |
| Titanium   | 47-1  | 287      | 283      | 260      | 277      | 5.25   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB001 Instrumnet Name : P7  
Client Sample ID : CCB001 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:25:10 DataFile Name : 020CCBE.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 663      | 620      | 453      | 579      | 19.15  | cps   |
| Vanadium  | 51-2  | 53       | 63       | 47       | 54       | 15.40  | cps   |
| Yttrium   | 89-1  | 16874608 | 17399353 | 17022646 | 17098869 | 1.58   | cps   |
| Yttrium   | 89-2  | 5208261  | 5196686  | 5197681  | 5200876  | 0.12   | cps   |
| Zinc      | 66-2  | 463      | 1064     | 423      | 650      | 55.17  | cps   |
| Zirconium | 90-1  | 1053     | 1173     | 1140     | 1122     | 5.52   | cps   |
| Zirconium | 91-1  | 187      | 220      | 183      | 197      | 10.31  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6990678   | 6988417   | 7048391   | 7009162   | 0.48   | cps   |
| Antimony   | 121-1 | 1547      | 1617      | 1587      | 1583      | 2.22   | cps   |
| Arsenic    | 75-2  | 4221      | 4281      | 4334      | 4278      | 1.33   | cps   |
| Barium     | 135-1 | 328409    | 328458    | 328141    | 328336    | 0.05   | cps   |
| Barium     | 137-1 | 575421    | 571254    | 574808    | 573828    | 0.39   | cps   |
| Beryllium  | 9-1   | 1297      | 1350      | 1243      | 1297      | 4.11   | cps   |
| Bismuth    | 209-1 | 11079164  | 10810314  | 11019662  | 10969713  | 1.29   | cps   |
| Bismuth    | 209-2 | 8339660   | 8315476   | 8424115   | 8359750   | 0.68   | cps   |
| Bromine    | 81-1  | 18188     | 18585     | 18819     | 18531     | 1.72   | cps   |
| Bromine    | 81-2  | 1223      | 1243      | 1120      | 1196      | 5.54   | cps   |
| Cadmium    | 108-1 | 233       | 230       | 213       | 226       | 4.75   | cps   |
| Cadmium    | 106-1 | 15311     | 15018     | 15028     | 15119     | 1.10   | cps   |
| Cadmium    | 111-1 | 11398     | 11175     | 11200     | 11258     | 1.09   | cps   |
| Calcium    | 43-1  | 354397    | 353352    | 351852    | 353200    | 0.36   | cps   |
| Calcium    | 44-1  | 5566377   | 5627541   | 5604145   | 5599354   | 0.55   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 153478    | 153116    | 153371    | 153322    | 0.12   | cps   |
| Cobalt     | 59-2  | 236929    | 234779    | 236098    | 235935    | 0.46   | cps   |
| Copper     | 63-2  | 486927    | 484574    | 484589    | 485363    | 0.28   | cps   |
| Dysprosium | 156-1 | 49049     | 49062     | 47932     | 48681     | 1.33   | cps   |
| Dysprosium | 156-2 | 40030     | 41177     | 41551     | 40919     | 1.94   | cps   |
| Erbium     | 164-1 | 49671     | 49541     | 49534     | 49582     | 0.16   | cps   |
| Erbium     | 164-2 | 34813     | 34800     | 34927     | 34847     | 0.20   | cps   |
| Gadolinium | 160-1 | 48319     | 47681     | 47340     | 47780     | 1.04   | cps   |
| Gadolinium | 160-2 | 35635     | 34763     | 35331     | 35243     | 1.26   | cps   |
| Holmium    | 165-1 | 16766976  | 16769740  | 16648080  | 16728265  | 0.42   | cps   |
| Holmium    | 165-2 | 11737241  | 11575282  | 11772870  | 11695131  | 0.90   | cps   |
| Indium     | 115-1 | 12211838  | 12145039  | 12161167  | 12172681  | 0.29   | cps   |
| Indium     | 115-2 | 4792565   | 4709758   | 4839769   | 4780697   | 1.38   | cps   |
| Iron       | 56-2  | 226408110 | 227937743 | 227932223 | 227426026 | 0.39   | cps   |
| Iron       | 57-2  | 5635720   | 5623668   | 5611585   | 5623658   | 0.21   | cps   |
| Iron       | 54-2  | 12392023  | 12361171  | 12475937  | 12409710  | 0.48   | cps   |
| Krypton    | 83-1  | 243       | 223       | 213       | 227       | 6.74   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 999812   | 1005451  | 991744   | 999003   | 0.69   | cps   |
| Lead       | 207-1 | 844106   | 839558   | 836810   | 840158   | 0.44   | cps   |
| Lead       | 208-1 | 4086050  | 4019931  | 4064938  | 4056973  | 0.83   | cps   |
| Lithium    | 6-1   | 1490521  | 1487564  | 1494871  | 1490985  | 0.25   | cps   |
| Magnesium  | 24-2  | 5641786  | 5591829  | 5554976  | 5596197  | 0.78   | cps   |
| Manganese  | 55-2  | 3158654  | 3194128  | 3198090  | 3183624  | 0.68   | cps   |
| Molybdenum | 94-1  | 43157    | 42378    | 42705    | 42747    | 0.91   | cps   |
| Molybdenum | 95-1  | 3030     | 2957     | 3020     | 3003     | 1.32   | cps   |
| Molybdenum | 96-1  | 12559    | 12876    | 12842    | 12759    | 1.37   | cps   |
| Molybdenum | 97-1  | 1873     | 1907     | 2000     | 1927     | 3.41   | cps   |
| Molybdenum | 98-1  | 4808     | 4647     | 4557     | 4671     | 2.71   | cps   |
| Neodymium  | 150-1 | 71058    | 71007    | 70394    | 70820    | 0.52   | cps   |
| Neodymium  | 150-2 | 43370    | 42995    | 43637    | 43334    | 0.74   | cps   |
| Nickel     | 60-2  | 75710    | 75053    | 76795    | 75853    | 1.16   | cps   |
| Phosphorus | 31-2  | 9747     | 9833     | 9863     | 9814     | 0.62   | cps   |
| Potassium  | 39-2  | 634911   | 636996   | 638155   | 636687   | 0.26   | cps   |
| Rhodium    | 103-1 | 10939132 | 10772753 | 10989767 | 10900551 | 1.04   | cps   |
| Rhodium    | 103-2 | 6807846  | 6756018  | 6955557  | 6839807  | 1.51   | cps   |
| Scandium   | 45-1  | 5968913  | 6019097  | 6012454  | 6000155  | 0.45   | cps   |
| Scandium   | 45-2  | 593734   | 587502   | 593329   | 591522   | 0.59   | cps   |
| Selenium   | 82-1  | 637      | 608      | 602      | 616      | 3.08   | cps   |
| Selenium   | 77-2  | 103      | 147      | 127      | 126      | 17.28  | cps   |
| Selenium   | 78-2  | 513      | 457      | 413      | 461      | 10.88  | cps   |
| Silicon    | 28-1  | 46371919 | 45928233 | 46267906 | 46189353 | 0.50   | cps   |
| Silver     | 107-1 | 2490     | 2030     | 1960     | 2160     | 13.33  | cps   |
| Silver     | 109-1 | 2227     | 1630     | 1580     | 1812     | 19.85  | cps   |
| Sodium     | 23-2  | 315451   | 319380   | 317858   | 317563   | 0.62   | cps   |
| Strontium  | 86-1  | 284260   | 287417   | 286033   | 285903   | 0.55   | cps   |
| Strontium  | 88-1  | 2566994  | 2586420  | 2613176  | 2588863  | 0.90   | cps   |
| Sulfur     | 34-1  | 140993   | 136722   | 134428   | 137381   | 2.43   | cps   |
| Terbium    | 159-1 | 16930226 | 17082864 | 17009145 | 17007412 | 0.45   | cps   |
| Terbium    | 159-2 | 11460410 | 11248737 | 11390823 | 11366657 | 0.95   | cps   |
| Thallium   | 203-1 | 3731     | 3867     | 3794     | 3797     | 1.80   | cps   |
| Thallium   | 205-1 | 10007    | 9126     | 8866     | 9333     | 6.41   | cps   |
| Tin        | 118-1 | 13937    | 11388    | 11275    | 12200    | 12.34  | cps   |
| Titanium   | 47-1  | 247563   | 249441   | 250549   | 249184   | 0.61   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05 Instrumnet Name : P7  
Client Sample ID : MJNBZ5 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:28:25 DataFile Name : 021SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 45822    | 45153    | 45758    | 45578    | 0.81   | cps   |
| Vanadium  | 51-2  | 518505   | 518059   | 521520   | 519361   | 0.36   | cps   |
| Yttrium   | 89-1  | 18895860 | 18924356 | 18842846 | 18887687 | 0.22   | cps   |
| Yttrium   | 89-2  | 5580191  | 5601139  | 5631672  | 5604334  | 0.46   | cps   |
| Zinc      | 66-2  | 109014   | 107392   | 108218   | 108208   | 0.75   | cps   |
| Zirconium | 90-1  | 108990   | 109659   | 109632   | 109427   | 0.35   | cps   |
| Zirconium | 91-1  | 23940    | 24400    | 23980    | 24107    | 1.06   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7166595   | 7052258   | 7058550   | 7092468   | 0.91   | cps   |
| Antimony   | 121-1 | 1497      | 1433      | 1537      | 1489      | 3.50   | cps   |
| Arsenic    | 75-2  | 4457      | 4511      | 4671      | 4546      | 2.44   | cps   |
| Barium     | 135-1 | 330768    | 332333    | 332157    | 331753    | 0.26   | cps   |
| Barium     | 137-1 | 574959    | 578136    | 581489    | 578195    | 0.56   | cps   |
| Beryllium  | 9-1   | 1313      | 1227      | 1333      | 1291      | 4.39   | cps   |
| Bismuth    | 209-1 | 11155190  | 11047114  | 11062494  | 11088266  | 0.53   | cps   |
| Bismuth    | 209-2 | 8572671   | 8335726   | 8405093   | 8437830   | 1.44   | cps   |
| Bromine    | 81-1  | 19376     | 20207     | 19837     | 19807     | 2.10   | cps   |
| Bromine    | 81-2  | 1177      | 1350      | 1103      | 1210      | 10.47  | cps   |
| Cadmium    | 108-1 | 170       | 170       | 240       | 193       | 20.90  | cps   |
| Cadmium    | 106-1 | 15435     | 15278     | 15198     | 15304     | 0.79   | cps   |
| Cadmium    | 111-1 | 11532     | 11439     | 11457     | 11476     | 0.43   | cps   |
| Calcium    | 43-1  | 361847    | 364218    | 361877    | 362648    | 0.38   | cps   |
| Calcium    | 44-1  | 5719598   | 5756974   | 5715707   | 5730760   | 0.40   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 156067    | 155907    | 155068    | 155681    | 0.34   | cps   |
| Cobalt     | 59-2  | 240697    | 240105    | 238577    | 239793    | 0.46   | cps   |
| Copper     | 63-2  | 496528    | 495814    | 496088    | 496143    | 0.07   | cps   |
| Dysprosium | 156-1 | 49450     | 48691     | 49263     | 49134     | 0.81   | cps   |
| Dysprosium | 156-2 | 40722     | 41394     | 41661     | 41259     | 1.17   | cps   |
| Erbium     | 164-1 | 49785     | 50203     | 49427     | 49805     | 0.78   | cps   |
| Erbium     | 164-2 | 35308     | 35194     | 34626     | 35043     | 1.04   | cps   |
| Gadolinium | 160-1 | 47684     | 48363     | 48116     | 48054     | 0.71   | cps   |
| Gadolinium | 160-2 | 35602     | 35966     | 36156     | 35908     | 0.78   | cps   |
| Holmium    | 165-1 | 16947712  | 16742785  | 16767586  | 16819361  | 0.66   | cps   |
| Holmium    | 165-2 | 11851409  | 11845119  | 11878937  | 11858488  | 0.15   | cps   |
| Indium     | 115-1 | 12415262  | 12305962  | 12329176  | 12350133  | 0.47   | cps   |
| Indium     | 115-2 | 4826940   | 4803572   | 4831020   | 4820511   | 0.31   | cps   |
| Iron       | 56-2  | 231428130 | 229836657 | 231382017 | 230882268 | 0.39   | cps   |
| Iron       | 57-2  | 5744178   | 5748870   | 5728568   | 5740538   | 0.19   | cps   |
| Iron       | 54-2  | 12628950  | 12537444  | 12578032  | 12581476  | 0.36   | cps   |
| Krypton    | 83-1  | 270       | 273       | 257       | 267       | 3.31   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 995439   | 1006932  | 1013384  | 1005252  | 0.90   | cps   |
| Lead       | 207-1 | 839160   | 843123   | 853656   | 845313   | 0.89   | cps   |
| Lead       | 208-1 | 4068046  | 4068471  | 4107324  | 4081280  | 0.55   | cps   |
| Lithium    | 6-1   | 1499949  | 1497881  | 1477675  | 1491835  | 0.82   | cps   |
| Magnesium  | 24-2  | 5692159  | 5639795  | 5679290  | 5670415  | 0.48   | cps   |
| Manganese  | 55-2  | 3227248  | 3188061  | 3231505  | 3215605  | 0.74   | cps   |
| Molybdenum | 94-1  | 42398    | 44451    | 43347    | 43399    | 2.37   | cps   |
| Molybdenum | 95-1  | 2784     | 2934     | 3137     | 2951     | 6.01   | cps   |
| Molybdenum | 96-1  | 12802    | 13296    | 13123    | 13074    | 1.92   | cps   |
| Molybdenum | 97-1  | 1770     | 1897     | 1823     | 1830     | 3.48   | cps   |
| Molybdenum | 98-1  | 4551     | 4664     | 4794     | 4670     | 2.61   | cps   |
| Neodymium  | 150-1 | 71326    | 71493    | 70850    | 71223    | 0.47   | cps   |
| Neodymium  | 150-2 | 42628    | 42785    | 43537    | 42983    | 1.13   | cps   |
| Nickel     | 60-2  | 78953    | 78323    | 77579    | 78285    | 0.88   | cps   |
| Phosphorus | 31-2  | 10027    | 9873     | 9660     | 9853     | 1.87   | cps   |
| Potassium  | 39-2  | 644524   | 642630   | 642661   | 643272   | 0.17   | cps   |
| Rhodium    | 103-1 | 11144829 | 11056087 | 11162076 | 11120997 | 0.51   | cps   |
| Rhodium    | 103-2 | 6974804  | 6956048  | 6873429  | 6934760  | 0.78   | cps   |
| Scandium   | 45-1  | 6195645  | 6114939  | 6156084  | 6155556  | 0.66   | cps   |
| Scandium   | 45-2  | 604521   | 603680   | 599328   | 602510   | 0.46   | cps   |
| Selenium   | 82-1  | 565      | 536      | 622      | 574      | 7.62   | cps   |
| Selenium   | 77-2  | 123      | 93       | 77       | 98       | 24.19  | cps   |
| Selenium   | 78-2  | 503      | 510      | 487      | 500      | 2.40   | cps   |
| Silicon    | 28-1  | 46955438 | 47686313 | 47370539 | 47337430 | 0.77   | cps   |
| Silver     | 107-1 | 1483     | 1583     | 1533     | 1533     | 3.26   | cps   |
| Silver     | 109-1 | 1410     | 1343     | 1397     | 1383     | 2.55   | cps   |
| Sodium     | 23-2  | 320056   | 323344   | 321905   | 321768   | 0.51   | cps   |
| Strontium  | 86-1  | 288536   | 293827   | 292685   | 291683   | 0.95   | cps   |
| Strontium  | 88-1  | 2655650  | 2644025  | 2664776  | 2654817  | 0.39   | cps   |
| Sulfur     | 34-1  | 128498   | 127675   | 126733   | 127635   | 0.69   | cps   |
| Terbium    | 159-1 | 17165201 | 16888446 | 17166027 | 17073225 | 0.94   | cps   |
| Terbium    | 159-2 | 11557525 | 11467508 | 11402277 | 11475770 | 0.68   | cps   |
| Thallium   | 203-1 | 3117     | 3170     | 3761     | 3349     | 10.66  | cps   |
| Thallium   | 205-1 | 7642     | 7649     | 8002     | 7765     | 2.65   | cps   |
| Tin        | 118-1 | 12472    | 12149    | 13381    | 12667    | 5.04   | cps   |
| Titanium   | 47-1  | 256930   | 258056   | 255208   | 256731   | 0.56   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-06 Instrumnet Name : P7  
Client Sample ID : MJNBZ5D Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:31:36 DataFile Name : 022SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 45487    | 45270    | 46387    | 45715    | 1.30   | cps   |
| Vanadium  | 51-2  | 528616   | 534184   | 533400   | 532067   | 0.57   | cps   |
| Yttrium   | 89-1  | 19251276 | 19297346 | 19355429 | 19301350 | 0.27   | cps   |
| Yttrium   | 89-2  | 5735027  | 5611442  | 5620375  | 5655615  | 1.22   | cps   |
| Zinc      | 66-2  | 111882   | 110421   | 109380   | 110561   | 1.14   | cps   |
| Zirconium | 90-1  | 111855   | 111993   | 112225   | 112024   | 0.17   | cps   |
| Zirconium | 91-1  | 24297    | 25228    | 24768    | 24764    | 1.88   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1401010  | 1405872  | 1385230  | 1397371  | 0.77   | cps   |
| Antimony   | 121-1 | 390      | 423      | 403      | 406      | 4.14   | cps   |
| Arsenic    | 75-2  | 917      | 827      | 960      | 901      | 7.55   | cps   |
| Barium     | 135-1 | 66477    | 65433    | 65737    | 65882    | 0.82   | cps   |
| Barium     | 137-1 | 114620   | 115548   | 115773   | 115314   | 0.53   | cps   |
| Beryllium  | 9-1   | 380      | 303      | 400      | 361      | 14.13  | cps   |
| Bismuth    | 209-1 | 10819867 | 10521028 | 10837141 | 10726012 | 1.66   | cps   |
| Bismuth    | 209-2 | 8270398  | 8199449  | 8199137  | 8222995  | 0.50   | cps   |
| Bromine    | 81-1  | 16132    | 16272    | 15939    | 16114    | 1.04   | cps   |
| Bromine    | 81-2  | 347      | 340      | 360      | 349      | 2.92   | cps   |
| Cadmium    | 108-1 | 80       | 53       | 53       | 62       | 24.75  | cps   |
| Cadmium    | 106-1 | 14187    | 14054    | 14210    | 14150    | 0.60   | cps   |
| Cadmium    | 111-1 | 10072    | 10027    | 10130    | 10076    | 0.51   | cps   |
| Calcium    | 43-1  | 71906    | 71461    | 72639    | 72002    | 0.83   | cps   |
| Calcium    | 44-1  | 1190488  | 1192925  | 1179448  | 1187620  | 0.60   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 33330    | 33237    | 33430    | 33332    | 0.29   | cps   |
| Cobalt     | 59-2  | 47070    | 48030    | 47756    | 47619    | 1.04   | cps   |
| Copper     | 63-2  | 101904   | 101971   | 100162   | 101346   | 1.01   | cps   |
| Dysprosium | 156-1 | 9410     | 9437     | 9650     | 9499     | 1.39   | cps   |
| Dysprosium | 156-2 | 7842     | 8583     | 8156     | 8194     | 4.54   | cps   |
| Erbium     | 164-1 | 9727     | 10144    | 9844     | 9905     | 2.17   | cps   |
| Erbium     | 164-2 | 6825     | 6638     | 6892     | 6785     | 1.94   | cps   |
| Gadolinium | 160-1 | 9130     | 9693     | 9226     | 9350     | 3.22   | cps   |
| Gadolinium | 160-2 | 7592     | 7409     | 7699     | 7567     | 1.94   | cps   |
| Holmium    | 165-1 | 16634850 | 16515974 | 16461529 | 16537451 | 0.54   | cps   |
| Holmium    | 165-2 | 11448913 | 11466623 | 11454671 | 11456736 | 0.08   | cps   |
| Indium     | 115-1 | 12273123 | 12015936 | 12126485 | 12138515 | 1.06   | cps   |
| Indium     | 115-2 | 4759752  | 4792589  | 4741876  | 4764739  | 0.54   | cps   |
| Iron       | 56-2  | 45762786 | 45579981 | 45461971 | 45601579 | 0.33   | cps   |
| Iron       | 57-2  | 1157594  | 1153955  | 1147997  | 1153182  | 0.42   | cps   |
| Iron       | 54-2  | 2495708  | 2538898  | 2505140  | 2513248  | 0.90   | cps   |
| Krypton    | 83-1  | 203      | 180      | 220      | 201      | 9.99   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 200841   | 200608   | 197408   | 199619   | 0.96   | cps   |
| Lead       | 207-1 | 169635   | 169709   | 168586   | 169310   | 0.37   | cps   |
| Lead       | 208-1 | 787836   | 781593   | 781017   | 783482   | 0.48   | cps   |
| Lithium    | 6-1   | 1419616  | 1433180  | 1387088  | 1413294  | 1.68   | cps   |
| Magnesium  | 24-2  | 1079915  | 1112968  | 1075501  | 1089461  | 1.88   | cps   |
| Manganese  | 55-2  | 623482   | 623431   | 624723   | 623879   | 0.12   | cps   |
| Molybdenum | 94-1  | 8783     | 8816     | 8723     | 8774     | 0.54   | cps   |
| Molybdenum | 95-1  | 903      | 897      | 1003     | 934      | 6.39   | cps   |
| Molybdenum | 96-1  | 3074     | 2907     | 2977     | 2986     | 2.80   | cps   |
| Molybdenum | 97-1  | 707      | 583      | 757      | 682      | 13.08  | cps   |
| Molybdenum | 98-1  | 1620     | 1420     | 1460     | 1500     | 7.06   | cps   |
| Neodymium  | 150-1 | 13557    | 14344    | 13767    | 13889    | 2.94   | cps   |
| Neodymium  | 150-2 | 8586     | 8286     | 8870     | 8580     | 3.40   | cps   |
| Nickel     | 60-2  | 15868    | 16172    | 16823    | 16288    | 2.99   | cps   |
| Phosphorus | 31-2  | 1960     | 2247     | 2120     | 2109     | 6.81   | cps   |
| Potassium  | 39-2  | 169364   | 170223   | 168029   | 169205   | 0.65   | cps   |
| Rhodium    | 103-1 | 11192833 | 10953010 | 11039875 | 11061906 | 1.10   | cps   |
| Rhodium    | 103-2 | 6918081  | 6883219  | 6787564  | 6862955  | 0.98   | cps   |
| Scandium   | 45-1  | 5956511  | 5847594  | 5828759  | 5877621  | 1.17   | cps   |
| Scandium   | 45-2  | 577078   | 572376   | 568408   | 572621   | 0.76   | cps   |
| Selenium   | 82-1  | 552      | 540      | 539      | 544      | 1.29   | cps   |
| Selenium   | 77-2  | 17       | 23       | 27       | 22       | 22.91  | cps   |
| Selenium   | 78-2  | 390      | 477      | 377      | 414      | 13.10  | cps   |
| Silicon    | 28-1  | 10265960 | 10114575 | 10216698 | 10199078 | 0.76   | cps   |
| Silver     | 107-1 | 433      | 497      | 490      | 473      | 7.35   | cps   |
| Silver     | 109-1 | 410      | 363      | 360      | 378      | 7.40   | cps   |
| Sodium     | 23-2  | 91436    | 91536    | 90085    | 91019    | 0.89   | cps   |
| Strontium  | 86-1  | 58268    | 59101    | 58004    | 58458    | 0.98   | cps   |
| Strontium  | 88-1  | 509969   | 509696   | 510450   | 510038   | 0.07   | cps   |
| Sulfur     | 34-1  | 114051   | 113739   | 114501   | 114097   | 0.34   | cps   |
| Terbium    | 159-1 | 16771879 | 16579490 | 16635840 | 16662403 | 0.59   | cps   |
| Terbium    | 159-2 | 11092889 | 11197101 | 11252568 | 11180852 | 0.73   | cps   |
| Thallium   | 203-1 | 1290     | 1203     | 1143     | 1212     | 6.08   | cps   |
| Thallium   | 205-1 | 2884     | 2577     | 2514     | 2658     | 7.45   | cps   |
| Tin        | 118-1 | 3777     | 3364     | 3457     | 3533     | 6.14   | cps   |
| Titanium   | 47-1  | 50681    | 50477    | 50169    | 50443    | 0.51   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-05LX5 Instrumnet Name : P7  
Client Sample ID : MJNBZ5L Dilution Factor : 5  
Date & Time Acquired : 2025-01-09 14:34:45 DataFile Name : 023SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 9003     | 9207     | 8926     | 9045     | 1.60   | cps   |
| Vanadium  | 51-2  | 105609   | 104136   | 104559   | 104768   | 0.72   | cps   |
| Yttrium   | 89-1  | 18211632 | 18444914 | 18375092 | 18343879 | 0.65   | cps   |
| Yttrium   | 89-2  | 5399369  | 5410862  | 5314957  | 5375063  | 0.97   | cps   |
| Zinc      | 66-2  | 22363    | 22340    | 22614    | 22439    | 0.68   | cps   |
| Zirconium | 90-1  | 22784    | 22624    | 22604    | 22671    | 0.44   | cps   |
| Zirconium | 91-1  | 4838     | 4964     | 5051     | 4951     | 2.17   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7170994   | 7087325   | 7049603   | 7102640   | 0.87   | cps   |
| Antimony   | 121-1 | 244356    | 245805    | 246025    | 245395    | 0.37   | cps   |
| Arsenic    | 75-2  | 10250     | 9176      | 9393      | 9607      | 5.91   | cps   |
| Barium     | 135-1 | 1612342   | 1574985   | 1570293   | 1585873   | 1.45   | cps   |
| Barium     | 137-1 | 2889169   | 2862158   | 2843291   | 2864872   | 0.80   | cps   |
| Beryllium  | 9-1   | 14310     | 14357     | 13926     | 14198     | 1.66   | cps   |
| Bismuth    | 209-1 | 10983762  | 10718117  | 10768233  | 10823371  | 1.30   | cps   |
| Bismuth    | 209-2 | 8372543   | 8235121   | 8113288   | 8240317   | 1.57   | cps   |
| Bromine    | 81-1  | 18405     | 19600     | 19837     | 19280     | 3.98   | cps   |
| Bromine    | 81-2  | 1093      | 1137      | 1223      | 1151      | 5.75   | cps   |
| Cadmium    | 108-1 | 2550      | 2344      | 2410      | 2435      | 4.33   | cps   |
| Cadmium    | 106-1 | 18108     | 17344     | 17491     | 17648     | 2.30   | cps   |
| Cadmium    | 111-1 | 42655     | 42068     | 42251     | 42325     | 0.71   | cps   |
| Calcium    | 43-1  | 362033    | 361518    | 362928    | 362160    | 0.20   | cps   |
| Calcium    | 44-1  | 5684977   | 5749099   | 5714438   | 5716171   | 0.56   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 351038    | 349601    | 348873    | 349837    | 0.31   | cps   |
| Cobalt     | 59-2  | 988767    | 987678    | 982503    | 986316    | 0.34   | cps   |
| Copper     | 63-2  | 746535    | 747679    | 745696    | 746637    | 0.13   | cps   |
| Dysprosium | 156-1 | 48714     | 48159     | 48707     | 48527     | 0.66   | cps   |
| Dysprosium | 156-2 | 40649     | 41969     | 40973     | 41197     | 1.67   | cps   |
| Erbium     | 164-1 | 49193     | 50548     | 49644     | 49795     | 1.39   | cps   |
| Erbium     | 164-2 | 34967     | 34389     | 34359     | 34572     | 0.99   | cps   |
| Gadolinium | 160-1 | 47039     | 47861     | 47697     | 47533     | 0.92   | cps   |
| Gadolinium | 160-2 | 36013     | 35589     | 35361     | 35654     | 0.93   | cps   |
| Holmium    | 165-1 | 16839454  | 16709043  | 16855009  | 16801169  | 0.48   | cps   |
| Holmium    | 165-2 | 11657882  | 11621624  | 11432672  | 11570726  | 1.05   | cps   |
| Indium     | 115-1 | 12207415  | 12184109  | 12215080  | 12202202  | 0.13   | cps   |
| Indium     | 115-2 | 4802595   | 4779439   | 4648581   | 4743538   | 1.75   | cps   |
| Iron       | 56-2  | 233198310 | 229525010 | 230076410 | 230933243 | 0.86   | cps   |
| Iron       | 57-2  | 5768727   | 5673472   | 5704769   | 5715656   | 0.85   | cps   |
| Iron       | 54-2  | 12851577  | 12682637  | 12490436  | 12674883  | 1.43   | cps   |
| Krypton    | 83-1  | 220       | 280       | 277       | 259       | 13.03  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 1031404  | 1028684  | 1033667  | 1031252  | 0.24   | cps   |
| Lead       | 207-1 | 880626   | 878755   | 873956   | 877779   | 0.39   | cps   |
| Lead       | 208-1 | 4189083  | 4207593  | 4204136  | 4200271  | 0.23   | cps   |
| Lithium    | 6-1   | 1449240  | 1483075  | 1471986  | 1468100  | 1.17   | cps   |
| Magnesium  | 24-2  | 5697404  | 5595785  | 5645456  | 5646215  | 0.90   | cps   |
| Manganese  | 55-2  | 3619915  | 3590293  | 3582028  | 3597412  | 0.55   | cps   |
| Molybdenum | 94-1  | 678777   | 682866   | 686169   | 682604   | 0.54   | cps   |
| Molybdenum | 95-1  | 1112494  | 1118249  | 1118406  | 1116383  | 0.30   | cps   |
| Molybdenum | 96-1  | 1208000  | 1217048  | 1219251  | 1214767  | 0.49   | cps   |
| Molybdenum | 97-1  | 702813   | 707004   | 706462   | 705426   | 0.32   | cps   |
| Molybdenum | 98-1  | 1813314  | 1831933  | 1812389  | 1819212  | 0.61   | cps   |
| Neodymium  | 150-1 | 70217    | 71399    | 70850    | 70822    | 0.84   | cps   |
| Neodymium  | 150-2 | 43420    | 42353    | 42892    | 42888    | 1.24   | cps   |
| Nickel     | 60-2  | 267666   | 263545   | 263416   | 264876   | 0.91   | cps   |
| Phosphorus | 31-2  | 9850     | 9310     | 9793     | 9651     | 3.08   | cps   |
| Potassium  | 39-2  | 645478   | 640106   | 642919   | 642834   | 0.42   | cps   |
| Rhodium    | 103-1 | 10993697 | 11015611 | 11010628 | 11006645 | 0.10   | cps   |
| Rhodium    | 103-2 | 7006526  | 6856411  | 6790459  | 6884465  | 1.61   | cps   |
| Scandium   | 45-1  | 6128714  | 6129065  | 6183243  | 6147007  | 0.51   | cps   |
| Scandium   | 45-2  | 602156   | 600069   | 594515   | 598913   | 0.66   | cps   |
| Selenium   | 82-1  | 4460     | 4237     | 4292     | 4330     | 2.68   | cps   |
| Selenium   | 77-2  | 573      | 523      | 540      | 546      | 4.67   | cps   |
| Selenium   | 78-2  | 2100     | 2094     | 2140     | 2111     | 1.20   | cps   |
| Silicon    | 28-1  | 47686228 | 47527844 | 47421448 | 47545173 | 0.28   | cps   |
| Silver     | 107-1 | 150531   | 152010   | 152750   | 151764   | 0.74   | cps   |
| Silver     | 109-1 | 143162   | 144124   | 143737   | 143674   | 0.34   | cps   |
| Sodium     | 23-2  | 318222   | 316790   | 316706   | 317239   | 0.27   | cps   |
| Strontium  | 86-1  | 290591   | 289514   | 291009   | 290371   | 0.27   | cps   |
| Strontium  | 88-1  | 2667175  | 2663685  | 2630236  | 2653699  | 0.77   | cps   |
| Sulfur     | 34-1  | 117621   | 118038   | 118817   | 118159   | 0.51   | cps   |
| Terbium    | 159-1 | 16830482 | 16892897 | 17043357 | 16922245 | 0.65   | cps   |
| Terbium    | 159-2 | 11375050 | 11264885 | 11222600 | 11287512 | 0.70   | cps   |
| Thallium   | 203-1 | 132961   | 133136   | 132036   | 132711   | 0.45   | cps   |
| Thallium   | 205-1 | 308418   | 312090   | 315593   | 312034   | 1.15   | cps   |
| Tin        | 118-1 | 12572    | 11912    | 11905    | 12130    | 3.16   | cps   |
| Titanium   | 47-1  | 254738   | 255489   | 254634   | 254954   | 0.18   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : P5347-07 Instrumnet Name : P7  
Client Sample ID : MJNBZ5S Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:37:59 DataFile Name : 024SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 44865    | 45203    | 45882    | 45317    | 1.14   | cps   |
| Vanadium  | 51-2  | 961315   | 953862   | 944653   | 953277   | 0.88   | cps   |
| Yttrium   | 89-1  | 19258857 | 19112758 | 19165609 | 19179075 | 0.39   | cps   |
| Yttrium   | 89-2  | 5617376  | 5560726  | 5628086  | 5602063  | 0.65   | cps   |
| Zinc      | 66-2  | 201376   | 201237   | 199635   | 200749   | 0.48   | cps   |
| Zirconium | 90-1  | 111899   | 110911   | 110871   | 111227   | 0.52   | cps   |
| Zirconium | 91-1  | 24748    | 24851    | 24841    | 24813    | 0.23   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10491130  | 10294363  | 10477825  | 10421106  | 1.06   | cps   |
| Antimony   | 121-1 | 5296921   | 5270034   | 5243694   | 5270217   | 0.50   | cps   |
| Arsenic    | 75-2  | 265953    | 264714    | 265065    | 265244    | 0.24   | cps   |
| Barium     | 135-1 | 7008152   | 7070483   | 7059889   | 7046175   | 0.47   | cps   |
| Barium     | 137-1 | 12284224  | 12324832  | 12264380  | 12291145  | 0.25   | cps   |
| Beryllium  | 9-1   | 537012    | 539408    | 542254    | 539558    | 0.49   | cps   |
| Bismuth    | 209-1 | 9421592   | 9558514   | 9477681   | 9485929   | 0.73   | cps   |
| Bismuth    | 209-2 | 7309112   | 7247030   | 7279163   | 7278435   | 0.43   | cps   |
| Bromine    | 81-1  | 13897     | 13973     | 13640     | 13837     | 1.26   | cps   |
| Bromine    | 81-2  | 70        | 90        | 90        | 83        | 13.86  | cps   |
| Cadmium    | 108-1 | 93300     | 94237     | 94639     | 94059     | 0.73   | cps   |
| Cadmium    | 106-1 | 140548    | 142282    | 142622    | 141817    | 0.78   | cps   |
| Cadmium    | 111-1 | 1246049   | 1260712   | 1258208   | 1254990   | 0.62   | cps   |
| Calcium    | 43-1  | 5907751   | 5930093   | 5916653   | 5918165   | 0.19   | cps   |
| Calcium    | 44-1  | 96995935  | 96638625  | 96769279  | 96801280  | 0.19   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 2011045   | 2031433   | 2030505   | 2024327   | 0.57   | cps   |
| Cobalt     | 59-2  | 3083986   | 3107897   | 3089334   | 3093739   | 0.41   | cps   |
| Copper     | 63-2  | 21434534  | 21453439  | 21557826  | 21481933  | 0.31   | cps   |
| Dysprosium | 156-1 | 403       | 403       | 447       | 418       | 5.99   | cps   |
| Dysprosium | 156-2 | 573       | 603       | 560       | 579       | 3.83   | cps   |
| Erbium     | 164-1 | 370       | 397       | 350       | 372       | 6.29   | cps   |
| Erbium     | 164-2 | 253       | 220       | 247       | 240       | 7.35   | cps   |
| Gadolinium | 160-1 | 333       | 293       | 323       | 317       | 6.57   | cps   |
| Gadolinium | 160-2 | 707       | 703       | 820       | 743       | 8.93   | cps   |
| Holmium    | 165-1 | 15562594  | 15652267  | 15498257  | 15571039  | 0.50   | cps   |
| Holmium    | 165-2 | 10982366  | 10834151  | 10864957  | 10893824  | 0.72   | cps   |
| Indium     | 115-1 | 10796294  | 10715818  | 10840088  | 10784066  | 0.58   | cps   |
| Indium     | 115-2 | 4220460   | 4179524   | 4230777   | 4210254   | 0.64   | cps   |
| Iron       | 56-2  | 466881820 | 468547126 | 470223660 | 468550869 | 0.36   | cps   |
| Iron       | 57-2  | 11805861  | 11779670  | 11820214  | 11801915  | 0.17   | cps   |
| Iron       | 54-2  | 25297305  | 25445129  | 25466379  | 25402937  | 0.36   | cps   |
| Krypton    | 83-1  | 187       | 157       | 180       | 174       | 9.03   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 23334120  | 23684804  | 23647225  | 23555383  | 0.82   | cps   |
| Lead       | 207-1 | 20557032  | 20740257  | 20785633  | 20694307  | 0.58   | cps   |
| Lead       | 208-1 | 94515121  | 95672460  | 95454243  | 95213941  | 0.65   | cps   |
| Lithium    | 6-1   | 1250325   | 1291982   | 1269020   | 1270442   | 1.64   | cps   |
| Magnesium  | 24-2  | 84756040  | 83680154  | 83922922  | 84119705  | 0.67   | cps   |
| Manganese  | 55-2  | 15888486  | 16122979  | 16004905  | 16005457  | 0.73   | cps   |
| Molybdenum | 94-1  | 17996671  | 17732320  | 17971303  | 17900098  | 0.81   | cps   |
| Molybdenum | 95-1  | 25678443  | 25475157  | 25714058  | 25622553  | 0.50   | cps   |
| Molybdenum | 96-1  | 28288822  | 28247530  | 28190613  | 28242322  | 0.17   | cps   |
| Molybdenum | 97-1  | 16034737  | 15963936  | 15997564  | 15998746  | 0.22   | cps   |
| Molybdenum | 98-1  | 41480154  | 41090239  | 41279480  | 41283291  | 0.47   | cps   |
| Neodymium  | 150-1 | 527       | 590       | 637       | 584       | 9.45   | cps   |
| Neodymium  | 150-2 | 223       | 253       | 257       | 244       | 7.51   | cps   |
| Nickel     | 60-2  | 732753    | 732095    | 736547    | 733798    | 0.33   | cps   |
| Phosphorus | 31-2  | 100873    | 100470    | 99773     | 100372    | 0.55   | cps   |
| Potassium  | 39-2  | 59014101  | 58578479  | 58147422  | 58580001  | 0.74   | cps   |
| Rhodium    | 103-1 | 9424770   | 9347485   | 9252057   | 9341437   | 0.93   | cps   |
| Rhodium    | 103-2 | 5871662   | 5876961   | 5847819   | 5865481   | 0.26   | cps   |
| Scandium   | 45-1  | 5336181   | 5269474   | 5228525   | 5278060   | 1.03   | cps   |
| Scandium   | 45-2  | 521821    | 512411    | 517980    | 517404    | 0.91   | cps   |
| Selenium   | 82-1  | 75673     | 75805     | 75462     | 75647     | 0.23   | cps   |
| Selenium   | 77-2  | 8626      | 8289      | 8599      | 8505      | 2.20   | cps   |
| Selenium   | 78-2  | 28417     | 27940     | 28648     | 28335     | 1.27   | cps   |
| Silicon    | 28-1  | 26008133  | 25547139  | 25516171  | 25690481  | 1.07   | cps   |
| Silver     | 107-1 | 6199644   | 6206572   | 6202389   | 6202868   | 0.06   | cps   |
| Silver     | 109-1 | 5907908   | 5935074   | 5924097   | 5922359   | 0.23   | cps   |
| Sodium     | 23-2  | 143550675 | 143684651 | 143841855 | 143692393 | 0.10   | cps   |
| Strontium  | 86-1  | 1598270   | 1579869   | 1571398   | 1583179   | 0.87   | cps   |
| Strontium  | 88-1  | 14096066  | 14194736  | 14028412  | 14106405  | 0.59   | cps   |
| Sulfur     | 34-1  | 462551    | 456246    | 453125    | 457307    | 1.05   | cps   |
| Terbium    | 159-1 | 15419109  | 15320567  | 15663999  | 15467892  | 1.14   | cps   |
| Terbium    | 159-2 | 10614169  | 10479331  | 10478749  | 10524083  | 0.74   | cps   |
| Thallium   | 203-1 | 5910025   | 5944716   | 5900863   | 5918535   | 0.39   | cps   |
| Thallium   | 205-1 | 14114114  | 14106194  | 14076605  | 14098971  | 0.14   | cps   |
| Tin        | 118-1 | 4339525   | 4408220   | 4351321   | 4366355   | 0.84   | cps   |
| Titanium   | 47-1  | 5609664   | 5646047   | 5594716   | 5616809   | 0.47   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCV002 Instrumnet Name : P7  
Client Sample ID : CCV002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:50:33 DataFile Name : 025SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 20255940 | 20580320 | 20188239 | 20341499 | 1.03   | cps   |
| Vanadium  | 51-2  | 1836452  | 1784038  | 1781991  | 1800827  | 1.71   | cps   |
| Yttrium   | 89-1  | 16681445 | 16522419 | 16335028 | 16512964 | 1.05   | cps   |
| Yttrium   | 89-2  | 4913700  | 4839770  | 4830560  | 4861343  | 0.94   | cps   |
| Zinc      | 66-2  | 3622216  | 3592952  | 3607025  | 3607398  | 0.41   | cps   |
| Zirconium | 90-1  | 8816245  | 8680911  | 8773512  | 8756890  | 0.79   | cps   |
| Zirconium | 91-1  | 1939212  | 1934450  | 1944187  | 1939283  | 0.25   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1800     | 1580     | 1440     | 1607     | 11.30  | cps   |
| Antimony   | 121-1 | 2970     | 2677     | 2410     | 2686     | 10.43  | cps   |
| Arsenic    | 75-2  | 53       | 57       | 23       | 44       | 41.31  | cps   |
| Barium     | 135-1 | 1890     | 1853     | 1547     | 1763     | 10.69  | cps   |
| Barium     | 137-1 | 3574     | 3117     | 2760     | 3150     | 12.94  | cps   |
| Beryllium  | 9-1   | 297      | 250      | 217      | 254      | 15.79  | cps   |
| Bismuth    | 209-1 | 10795455 | 10642549 | 10809316 | 10749107 | 0.86   | cps   |
| Bismuth    | 209-2 | 8244694  | 8260720  | 8221905  | 8242440  | 0.24   | cps   |
| Bromine    | 81-1  | 14023    | 14110    | 14531    | 14221    | 1.91   | cps   |
| Bromine    | 81-2  | 173      | 163      | 130      | 156      | 14.59  | cps   |
| Cadmium    | 108-1 | 83       | 57       | 37       | 59       | 39.75  | cps   |
| Cadmium    | 106-1 | 13747    | 13246    | 13470    | 13487    | 1.86   | cps   |
| Cadmium    | 111-1 | 9898     | 9609     | 9816     | 9774     | 1.52   | cps   |
| Calcium    | 43-1  | 2110     | 2033     | 1747     | 1963     | 9.75   | cps   |
| Calcium    | 44-1  | 40331    | 37831    | 34553    | 37571    | 7.71   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 3300     | 3187     | 3124     | 3204     | 2.79   | cps   |
| Cobalt     | 59-2  | 670      | 603      | 373      | 549      | 28.36  | cps   |
| Copper     | 63-2  | 7235     | 6978     | 5888     | 6700     | 10.68  | cps   |
| Dysprosium | 156-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Dysprosium | 156-2 | 13       | 7        | 3        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 73       | 70       | 80       | 74       | 6.84   | cps   |
| Erbium     | 164-2 | 63       | 60       | 60       | 61       | 3.15   | cps   |
| Gadolinium | 160-1 | 70       | 73       | 73       | 72       | 2.66   | cps   |
| Gadolinium | 160-2 | 577      | 630      | 670      | 626      | 7.48   | cps   |
| Holmium    | 165-1 | 16127393 | 16013587 | 16200824 | 16113935 | 0.59   | cps   |
| Holmium    | 165-2 | 11227802 | 11358994 | 11195719 | 11260838 | 0.77   | cps   |
| Indium     | 115-1 | 11852401 | 11758507 | 11805129 | 11805346 | 0.40   | cps   |
| Indium     | 115-2 | 4623165  | 4622636  | 4589222  | 4611675  | 0.42   | cps   |
| Iron       | 56-2  | 109824   | 99077    | 88699    | 99200    | 10.65  | cps   |
| Iron       | 57-2  | 3440     | 3137     | 2970     | 3183     | 7.49   | cps   |
| Iron       | 54-2  | 7419     | 6478     | 6148     | 6682     | 9.87   | cps   |
| Krypton    | 83-1  | 193      | 170      | 197      | 187      | 7.79   | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 7702     | 7045     | 6642     | 7130     | 7.51   | cps   |
| Lead       | 207-1 | 6665     | 6395     | 5605     | 6221     | 8.86   | cps   |
| Lead       | 208-1 | 30797    | 28949    | 26100    | 28615    | 8.27   | cps   |
| Lithium    | 6-1   | 1375603  | 1419562  | 1374381  | 1389849  | 1.85   | cps   |
| Magnesium  | 24-2  | 14163    | 12245    | 11004    | 12471    | 12.76  | cps   |
| Manganese  | 55-2  | 3044     | 2770     | 2327     | 2714     | 13.33  | cps   |
| Molybdenum | 94-1  | 6185     | 5314     | 4747     | 5416     | 13.37  | cps   |
| Molybdenum | 95-1  | 7815     | 7185     | 6415     | 7138     | 9.83   | cps   |
| Molybdenum | 96-1  | 8629     | 8072     | 7085     | 7929     | 9.86   | cps   |
| Molybdenum | 97-1  | 4994     | 4637     | 4197     | 4610     | 8.66   | cps   |
| Molybdenum | 98-1  | 12452    | 11425    | 10407    | 11428    | 8.95   | cps   |
| Neodymium  | 150-1 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 993      | 1133     | 1027     | 1051     | 6.96   | cps   |
| Phosphorus | 31-2  | 227      | 253      | 243      | 241      | 5.59   | cps   |
| Potassium  | 39-2  | 58853    | 56551    | 55765    | 57056    | 2.81   | cps   |
| Rhodium    | 103-1 | 10625129 | 10515245 | 10557826 | 10566067 | 0.52   | cps   |
| Rhodium    | 103-2 | 6637186  | 6677153  | 6624816  | 6646385  | 0.41   | cps   |
| Scandium   | 45-1  | 5445000  | 5476895  | 5393302  | 5438399  | 0.78   | cps   |
| Scandium   | 45-2  | 538305   | 538527   | 539194   | 538675   | 0.09   | cps   |
| Selenium   | 82-1  | 471      | 520      | 484      | 492      | 5.17   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 383      | 467      | 343      | 398      | 15.82  | cps   |
| Silicon    | 28-1  | 690679   | 696356   | 699019   | 695352   | 0.61   | cps   |
| Silver     | 107-1 | 2717     | 2294     | 1983     | 2331     | 15.79  | cps   |
| Silver     | 109-1 | 2537     | 2080     | 1760     | 2126     | 18.37  | cps   |
| Sodium     | 23-2  | 54519    | 50743    | 46921    | 50728    | 7.49   | cps   |
| Strontium  | 86-1  | 633      | 580      | 770      | 661      | 14.82  | cps   |
| Strontium  | 88-1  | 4174     | 3921     | 3350     | 3815     | 11.06  | cps   |
| Sulfur     | 34-1  | 135027   | 136032   | 136944   | 136001   | 0.71   | cps   |
| Terbium    | 159-1 | 16294042 | 16085805 | 16332704 | 16237517 | 0.82   | cps   |
| Terbium    | 159-2 | 10960511 | 10836151 | 10774787 | 10857150 | 0.87   | cps   |
| Thallium   | 203-1 | 2430     | 2120     | 2044     | 2198     | 9.32   | cps   |
| Thallium   | 205-1 | 6028     | 5201     | 4711     | 5313     | 12.53  | cps   |
| Tin        | 118-1 | 2184     | 2040     | 2014     | 2079     | 4.40   | cps   |
| Titanium   | 47-1  | 1697     | 1487     | 1370     | 1518     | 10.91  | cps   |

LB Number : LB134219 Operator : Jaswal  
Lab Sample ID : CCB002 Instrumnet Name : P7  
Client Sample ID : CCB002 Dilution Factor : 1  
Date & Time Acquired : 2025-01-09 14:53:15 DataFile Name : 026SMPL.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 5241     | 5058     | 4374     | 4891     | 9.34   | cps   |
| Vanadium  | 51-2  | 323      | 267      | 237      | 276      | 15.97  | cps   |
| Yttrium   | 89-1  | 17283853 | 17318103 | 17201756 | 17267904 | 0.35   | cps   |
| Yttrium   | 89-2  | 5191910  | 5138015  | 5130158  | 5153361  | 0.65   | cps   |
| Zinc      | 66-2  | 1003     | 1073     | 987      | 1021     | 4.50   | cps   |
| Zirconium | 90-1  | 3497     | 3364     | 3180     | 3347     | 4.75   | cps   |
| Zirconium | 91-1  | 800      | 697      | 657      | 718      | 10.30  | cps   |