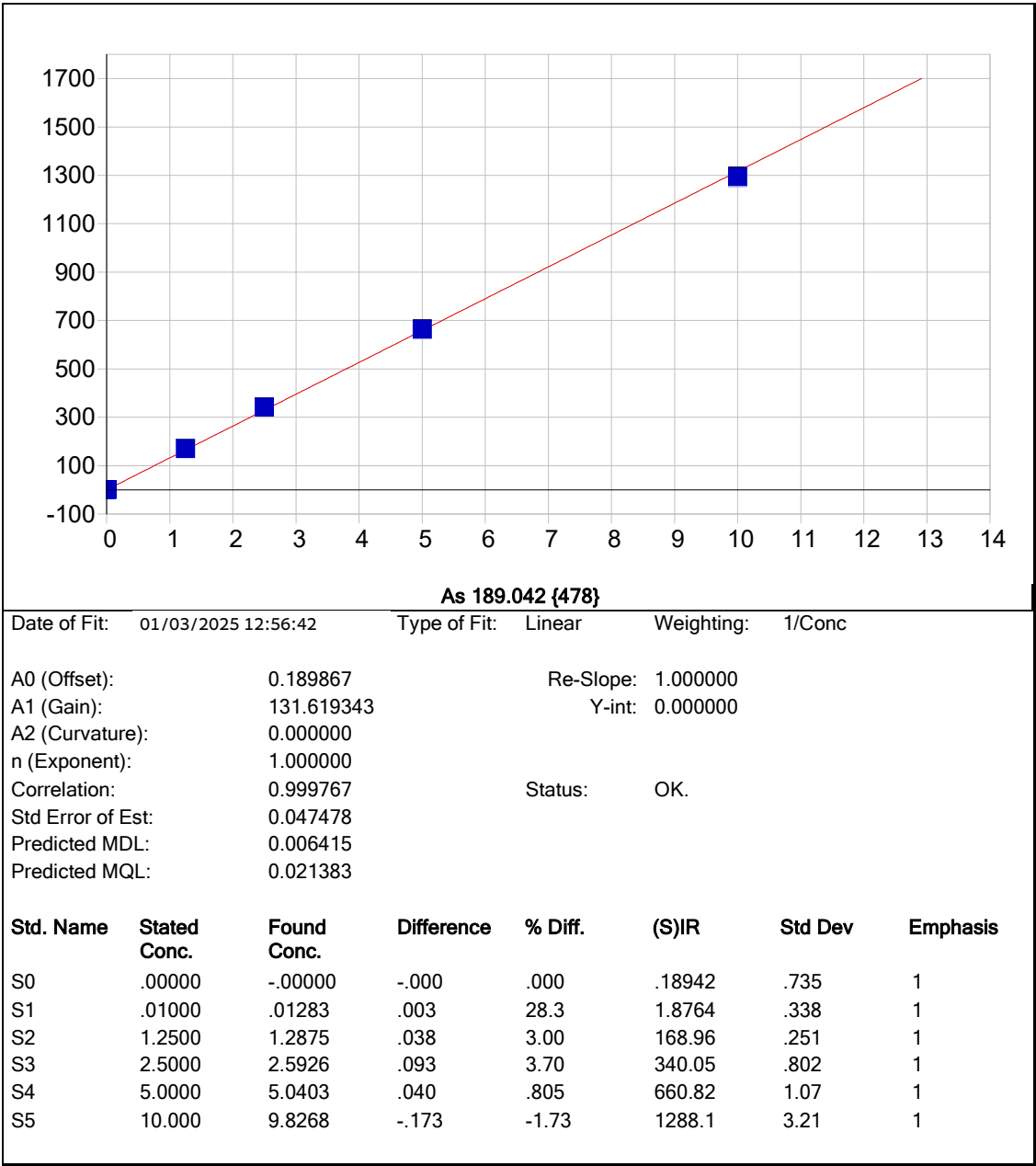
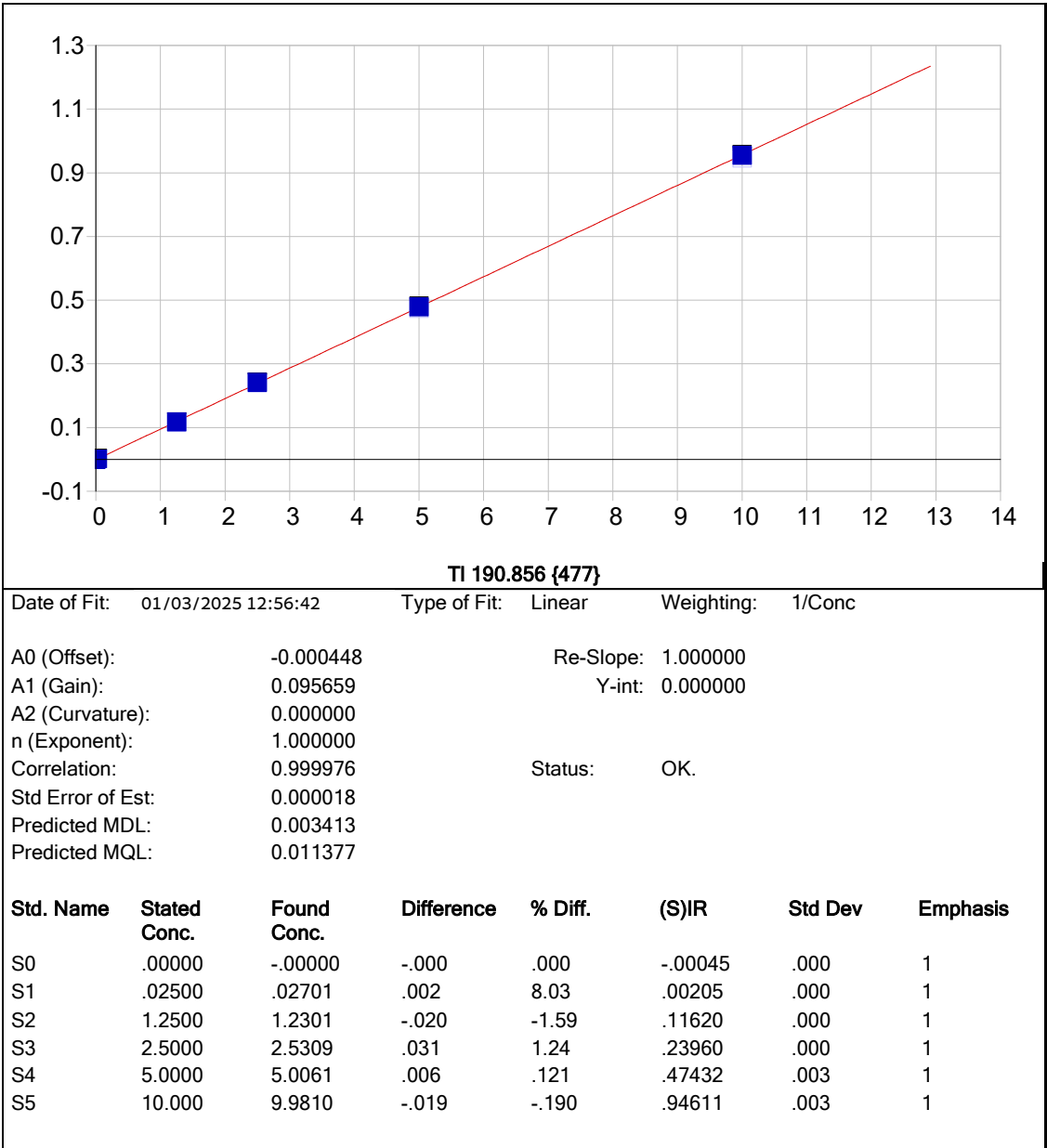
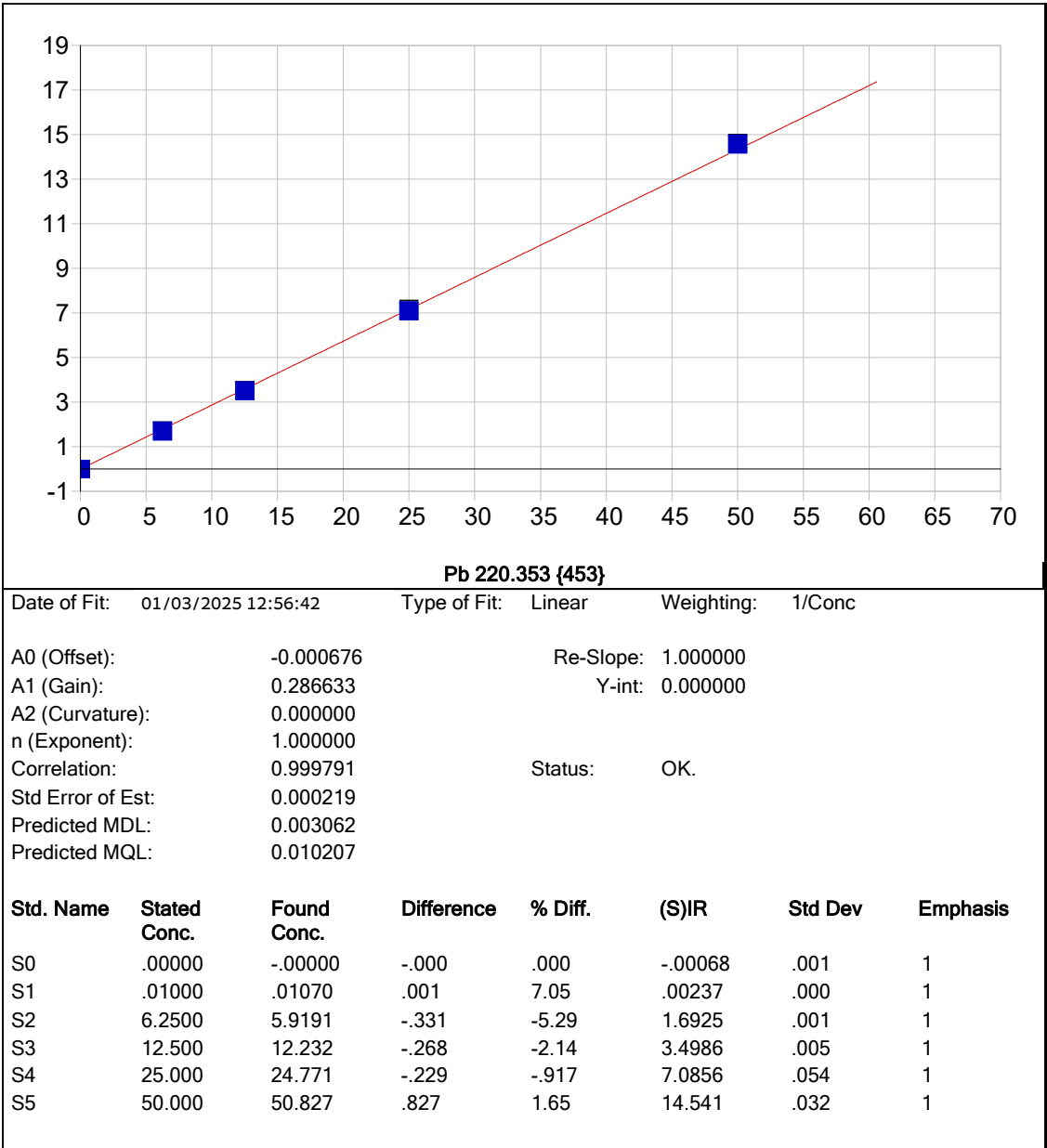
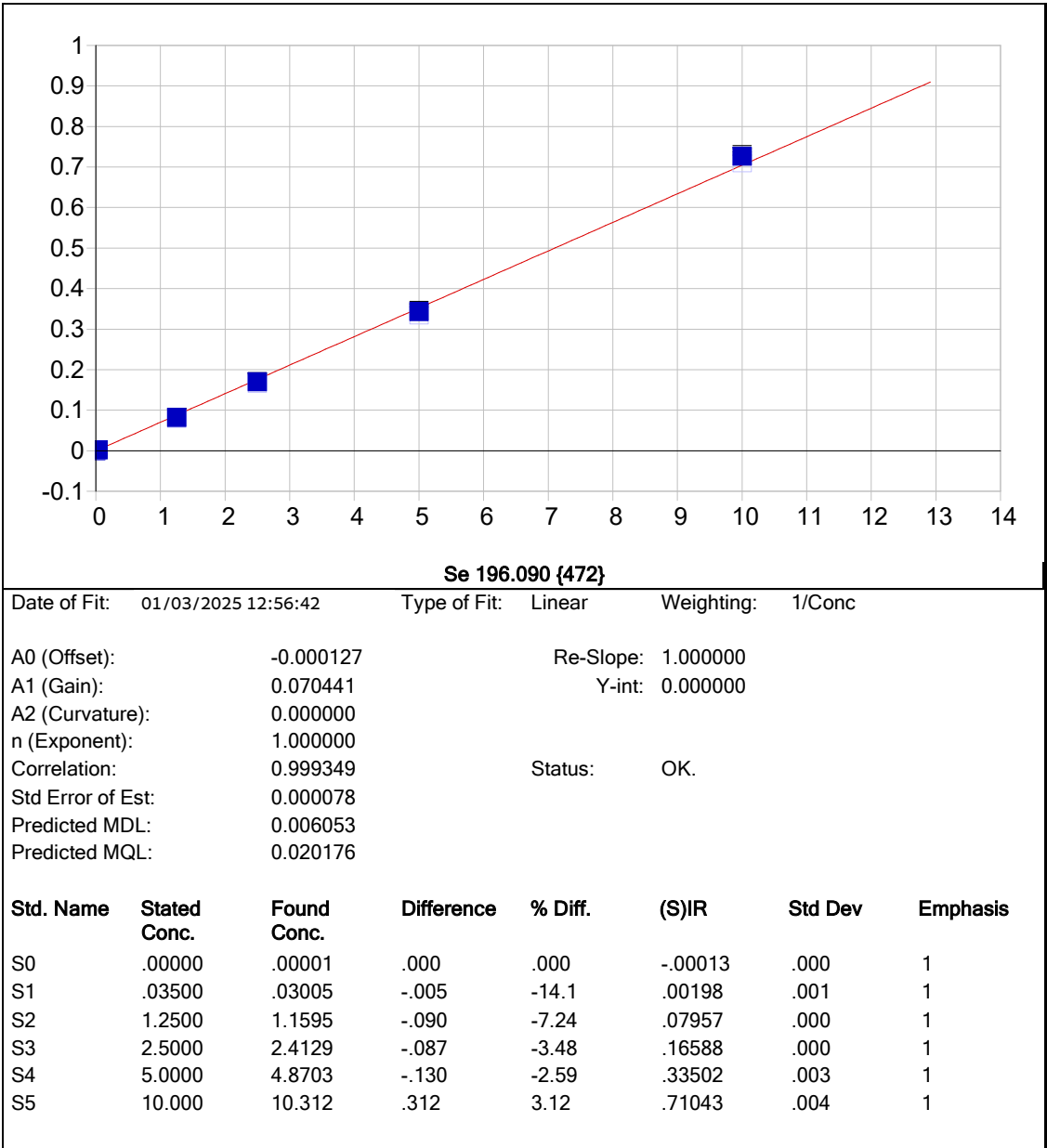






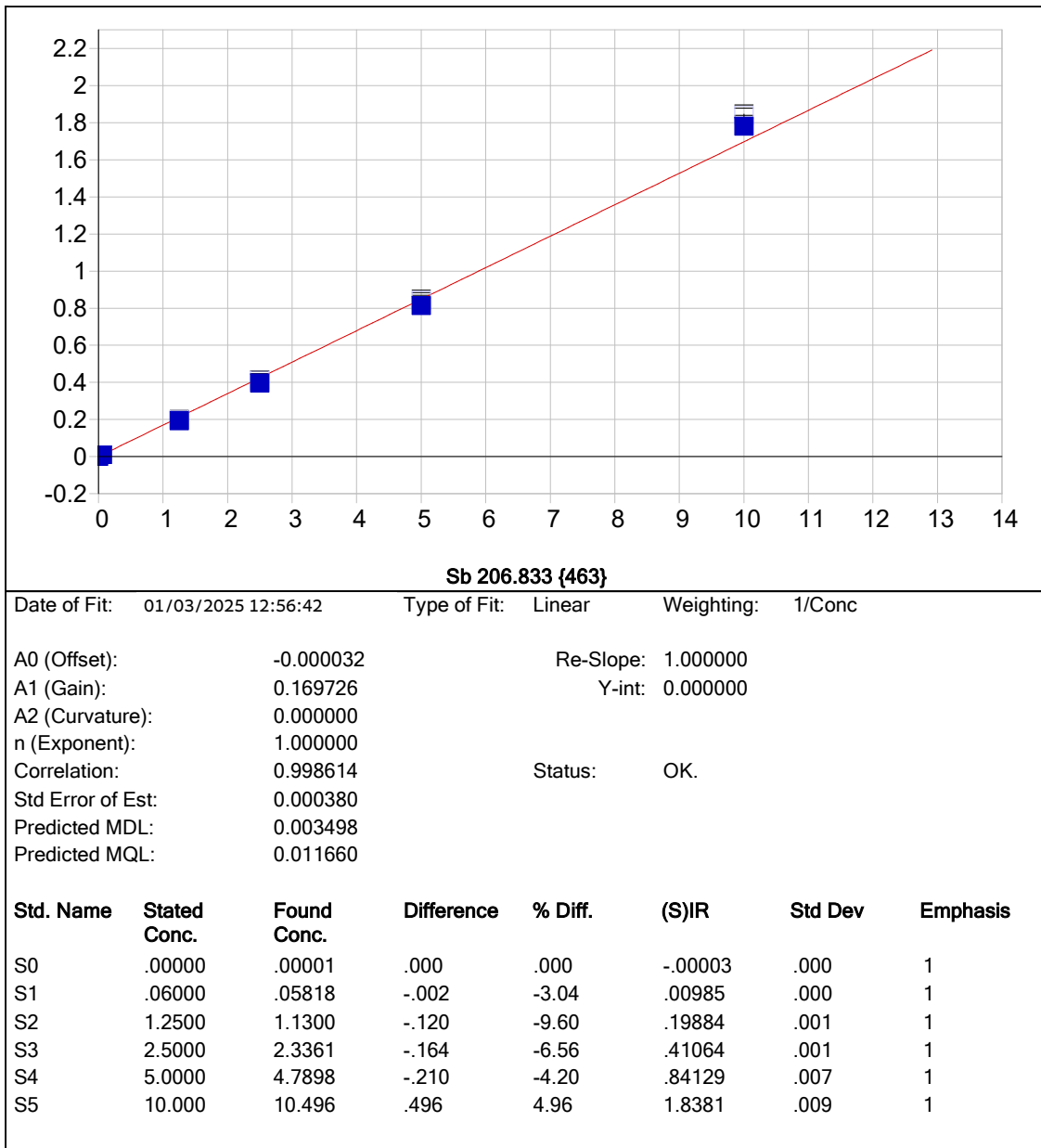


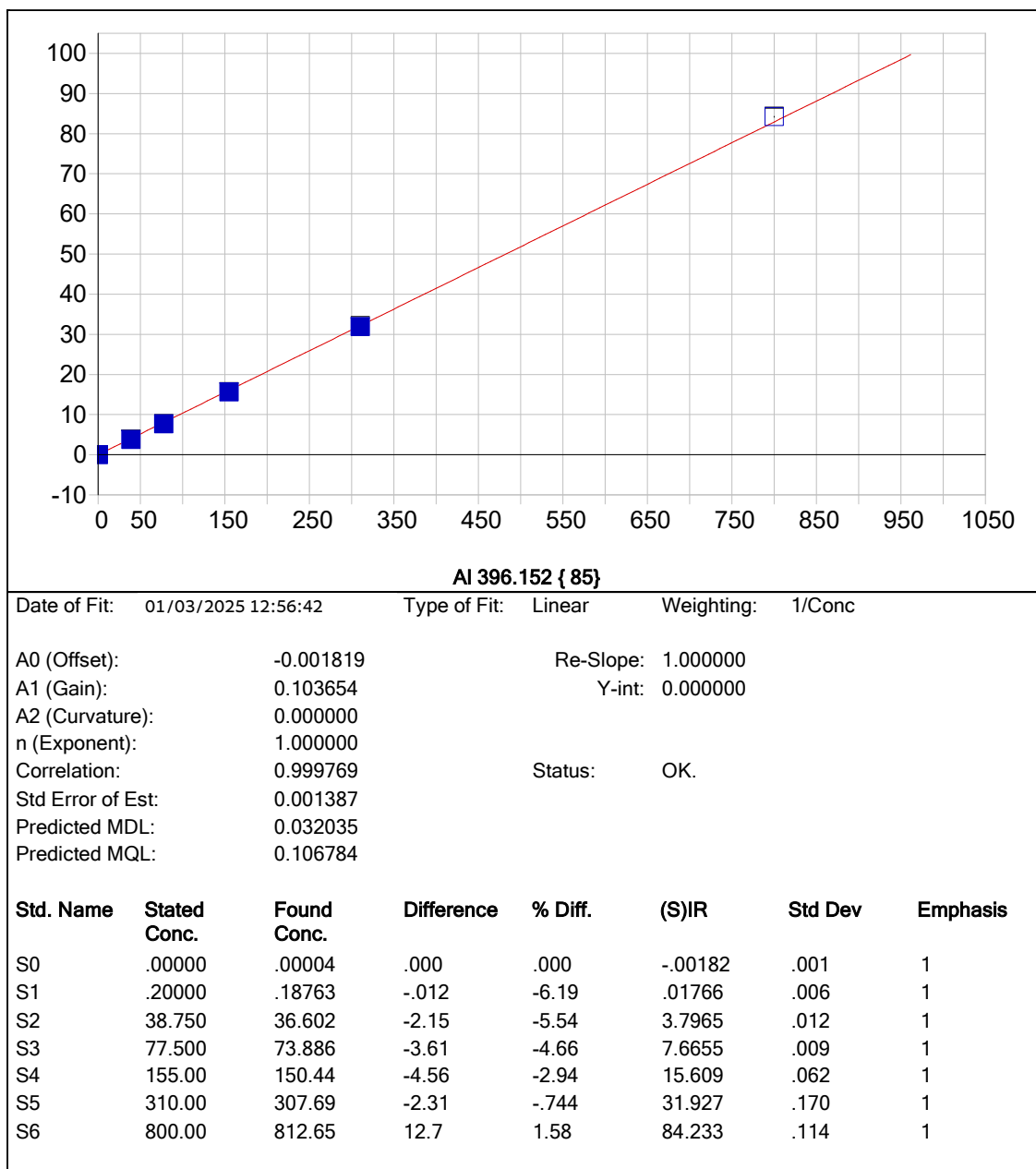


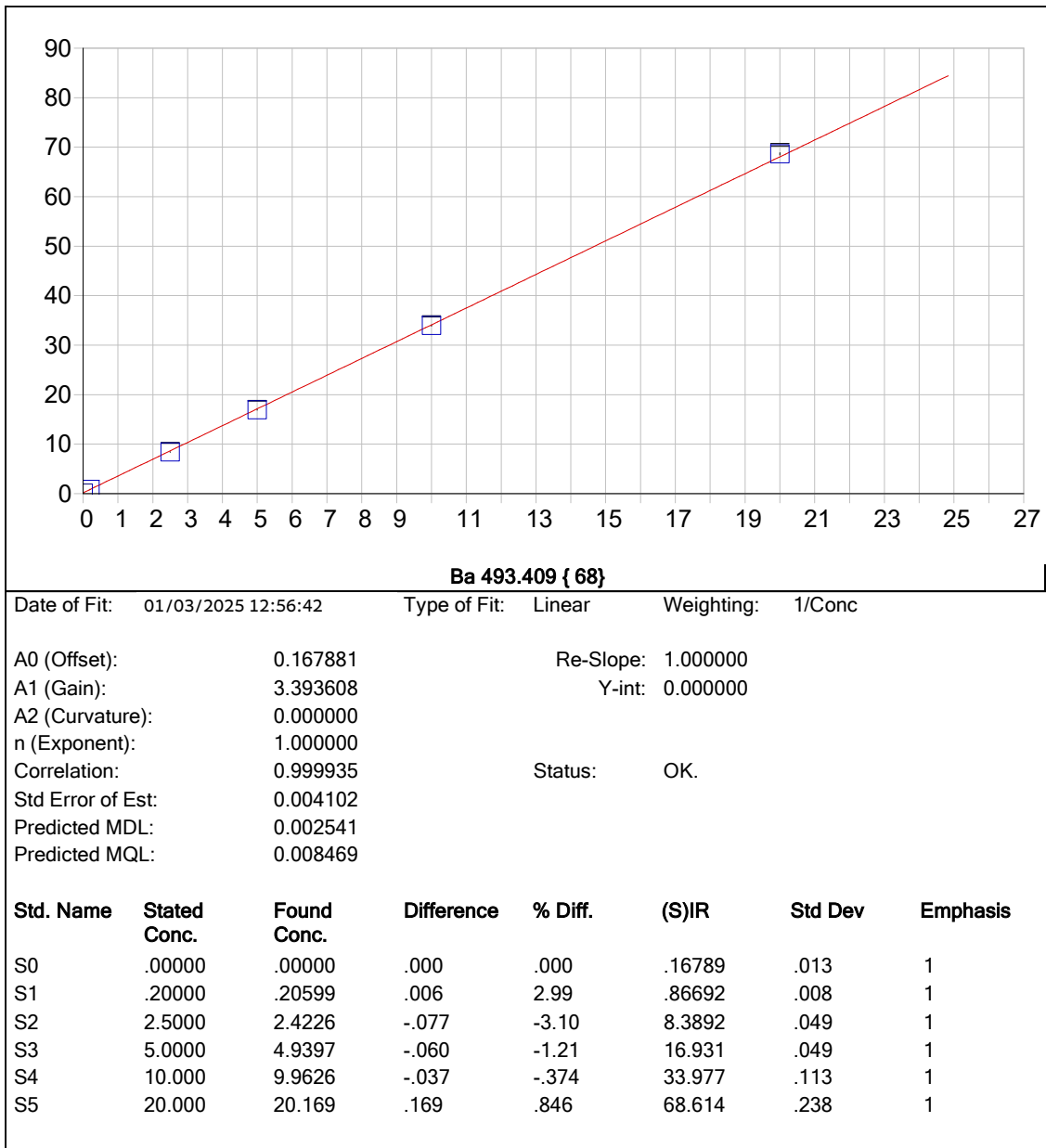


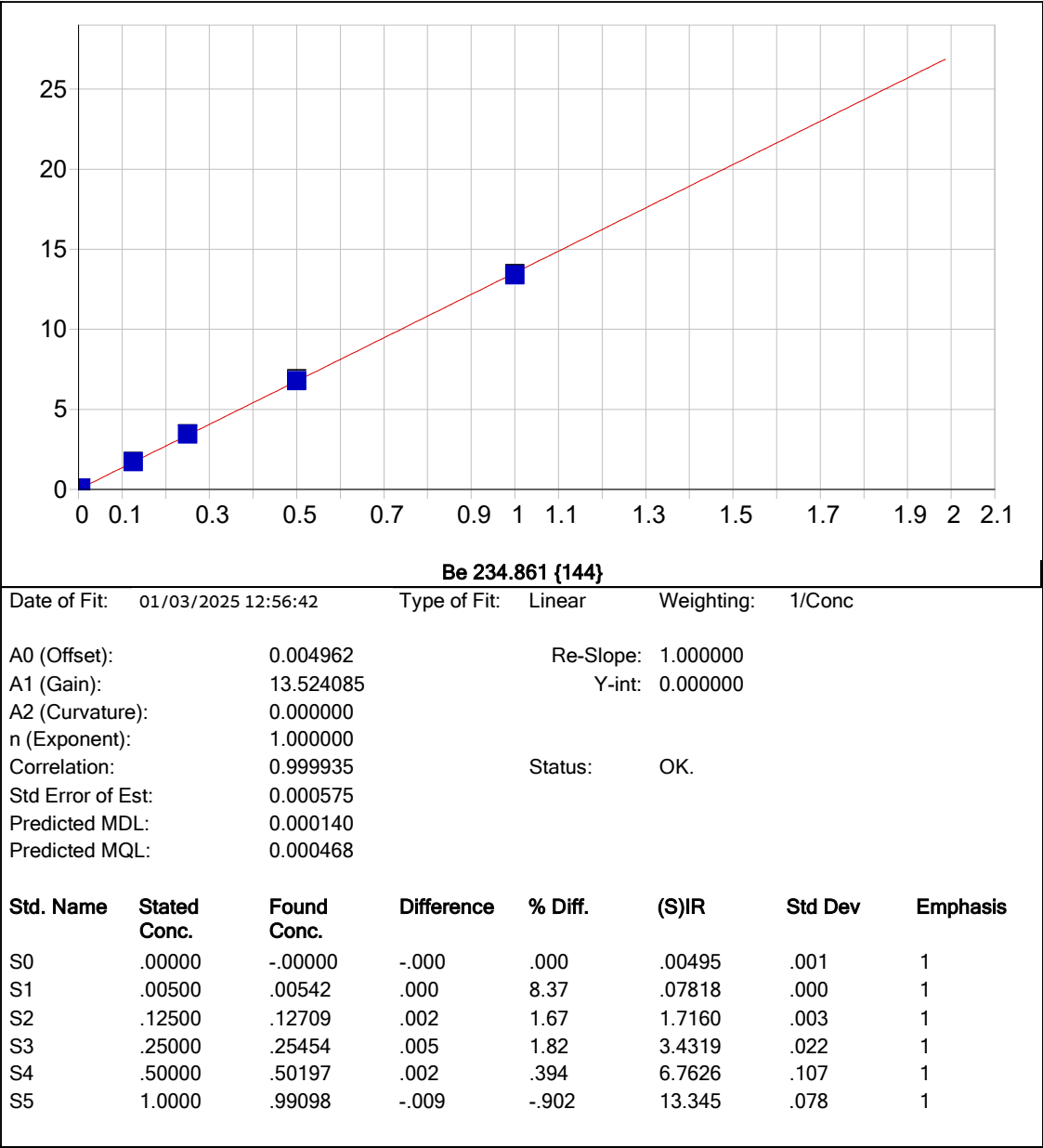
Date of Fit: 01/03/2025 12:56:42      Type of Fit: Linear      Weighting: 1/Conc

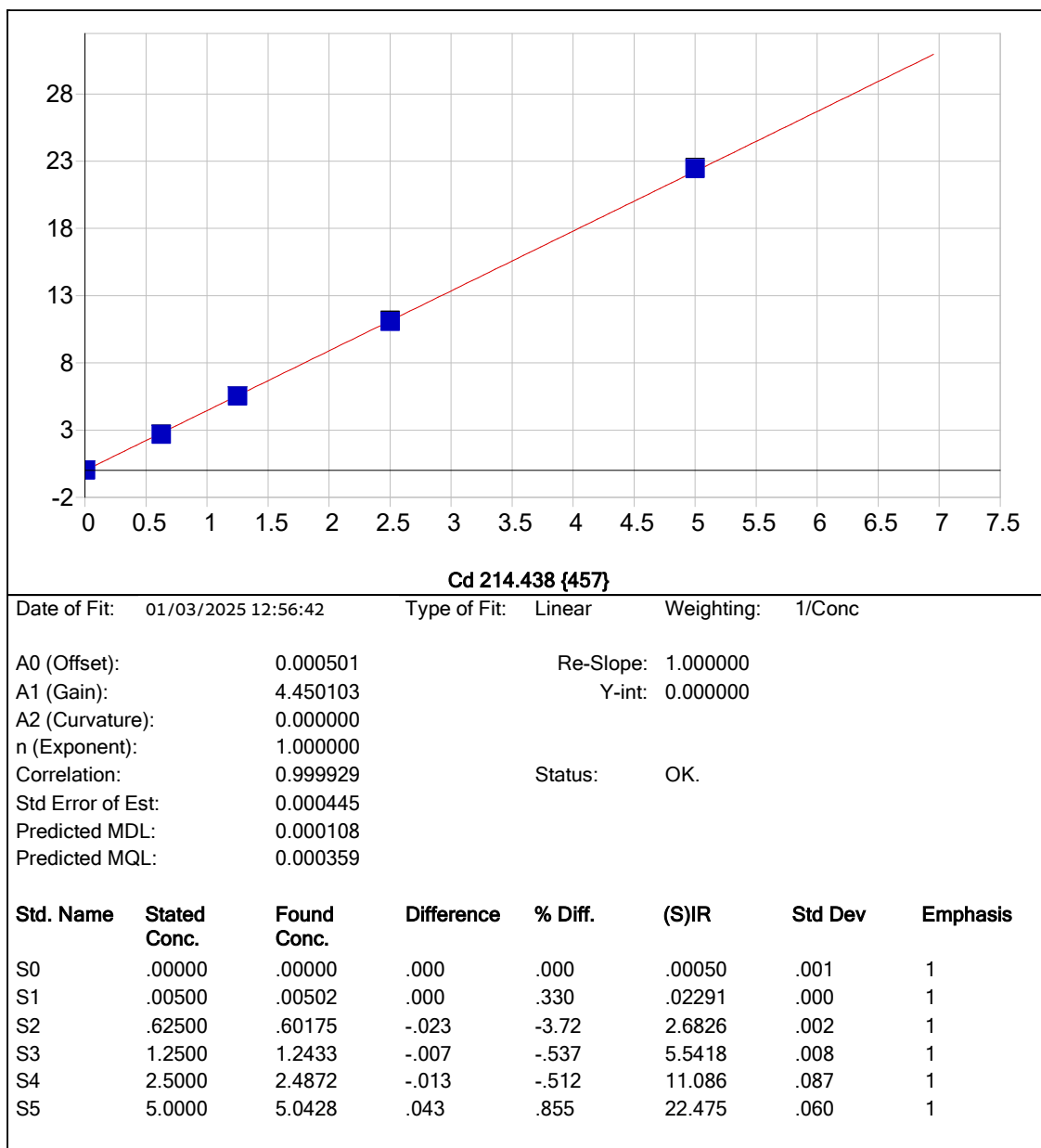
A0 (Offset): -0.000127      Re-Slope: 1.000000  
A1 (Gain): 0.070441      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999349      Status: OK.  
Std Error of Est: 0.000078  
Predicted MDL: 0.006053  
Predicted MQL: 0.020176

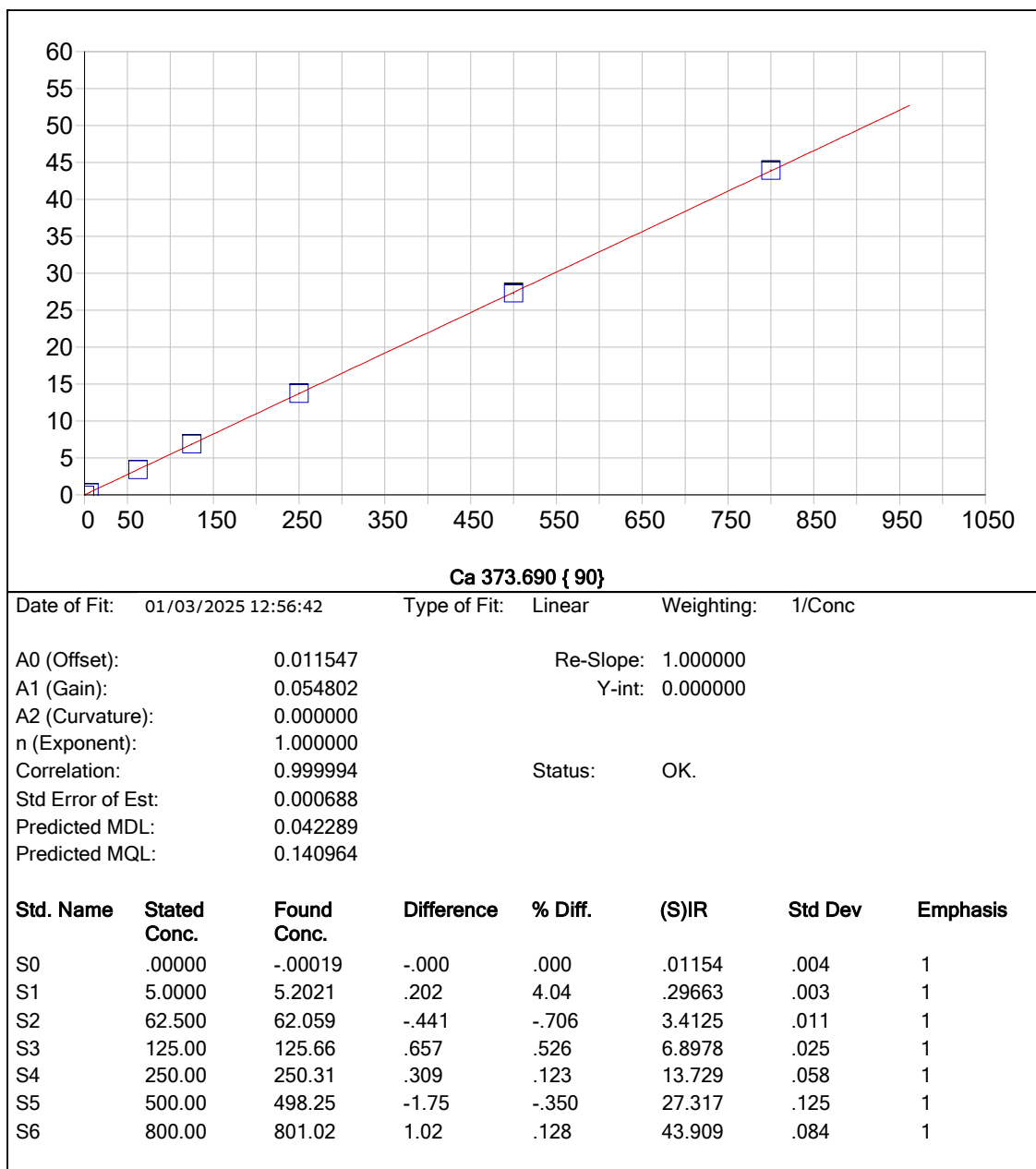




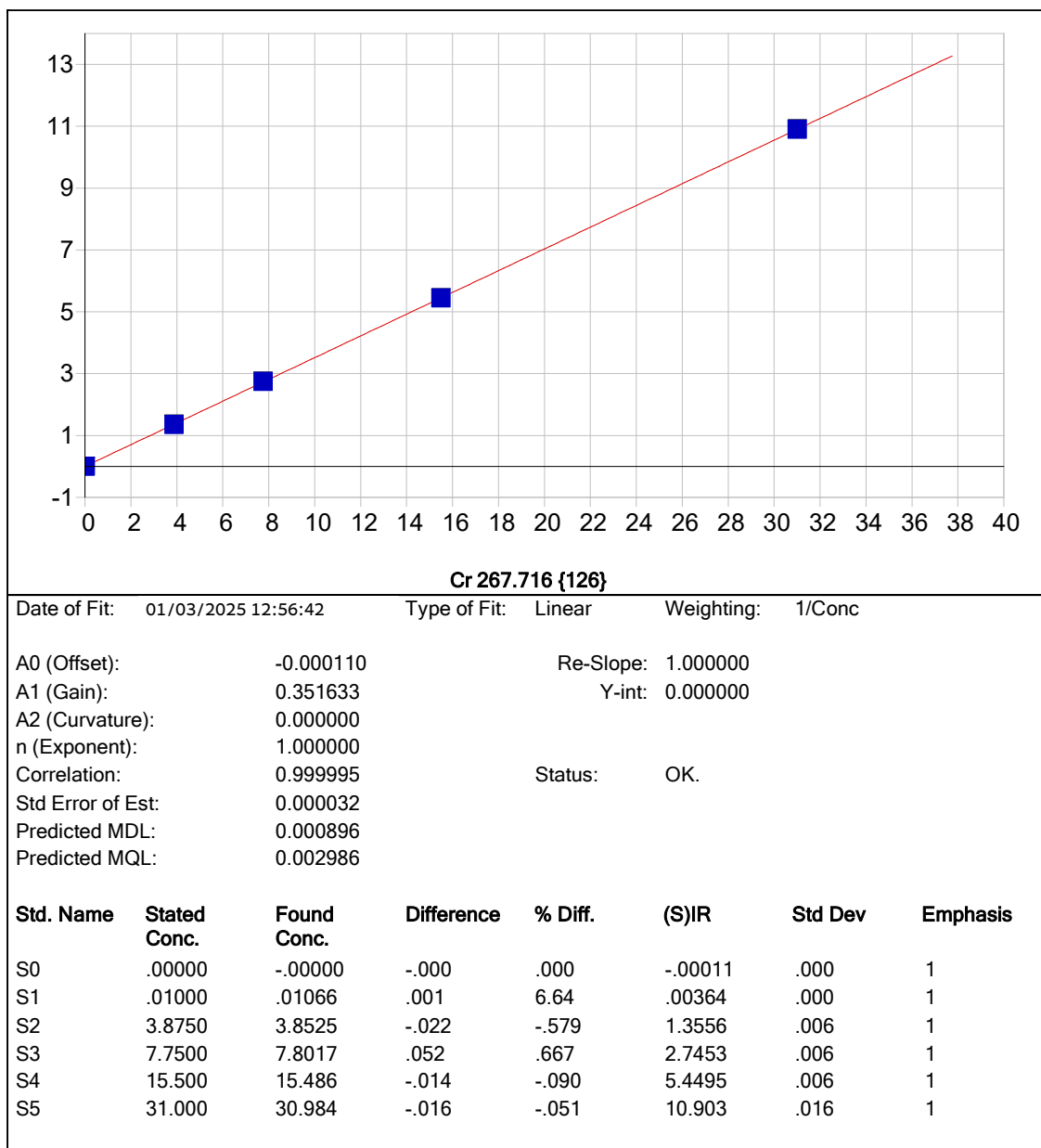


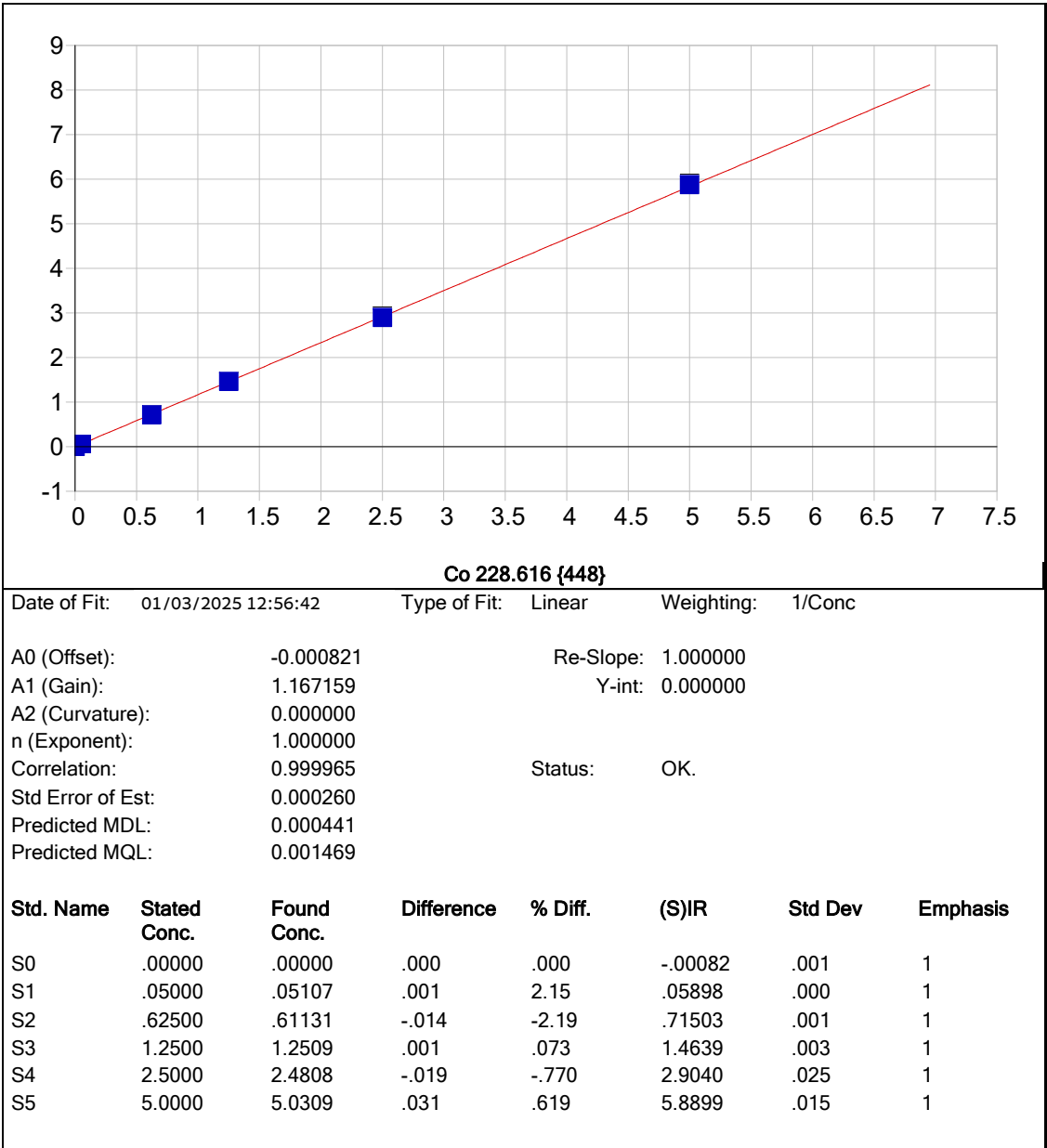


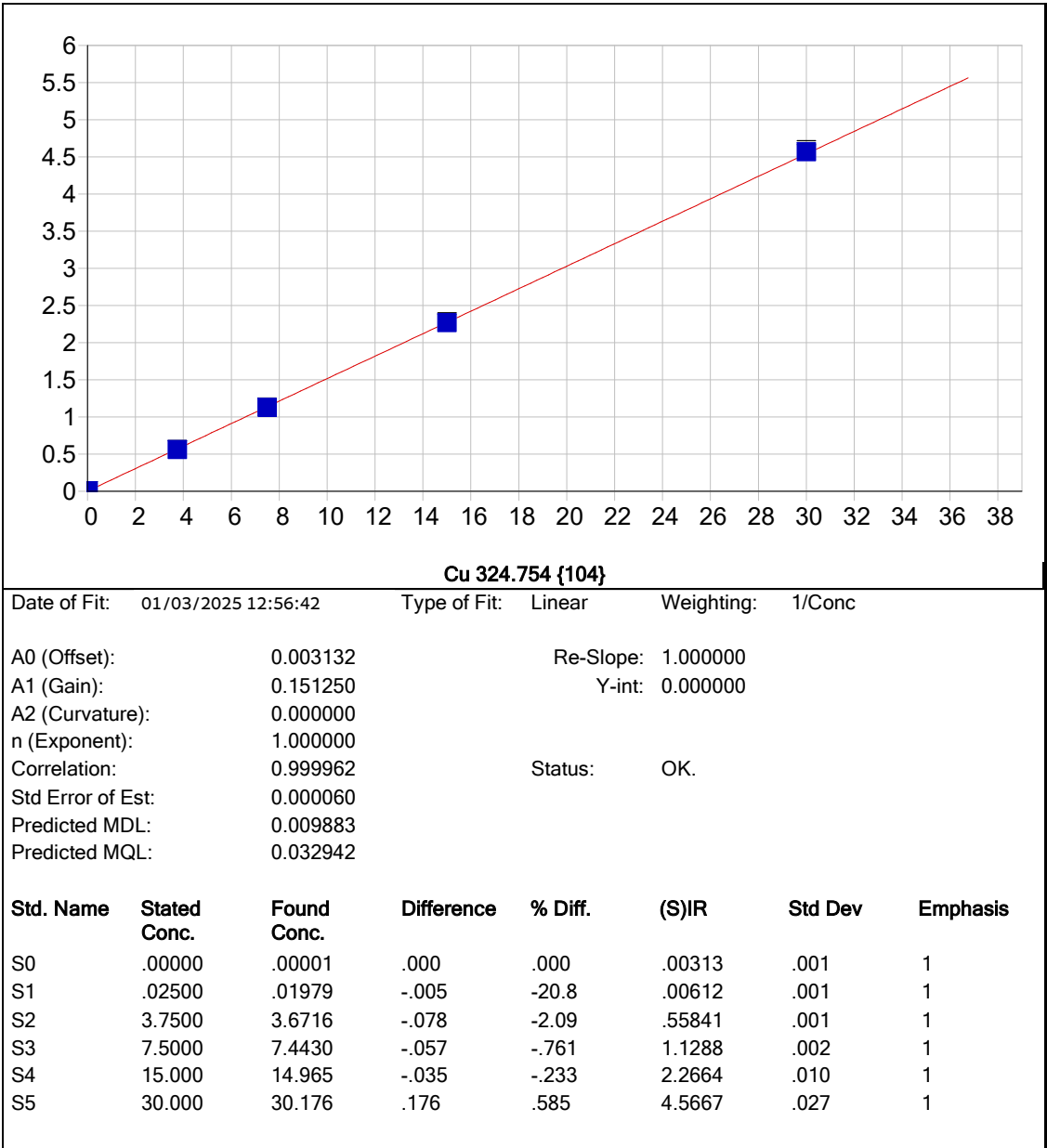


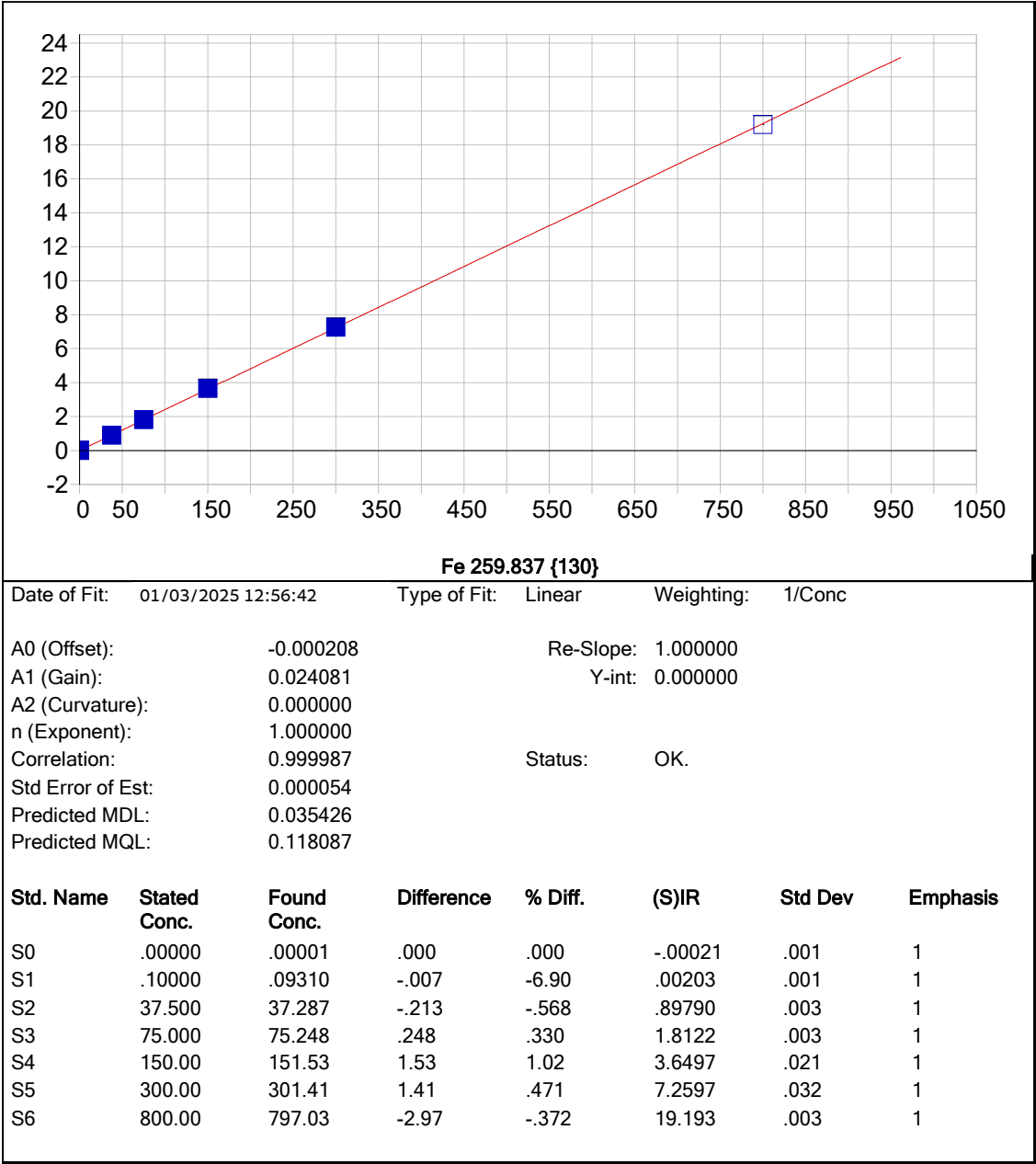


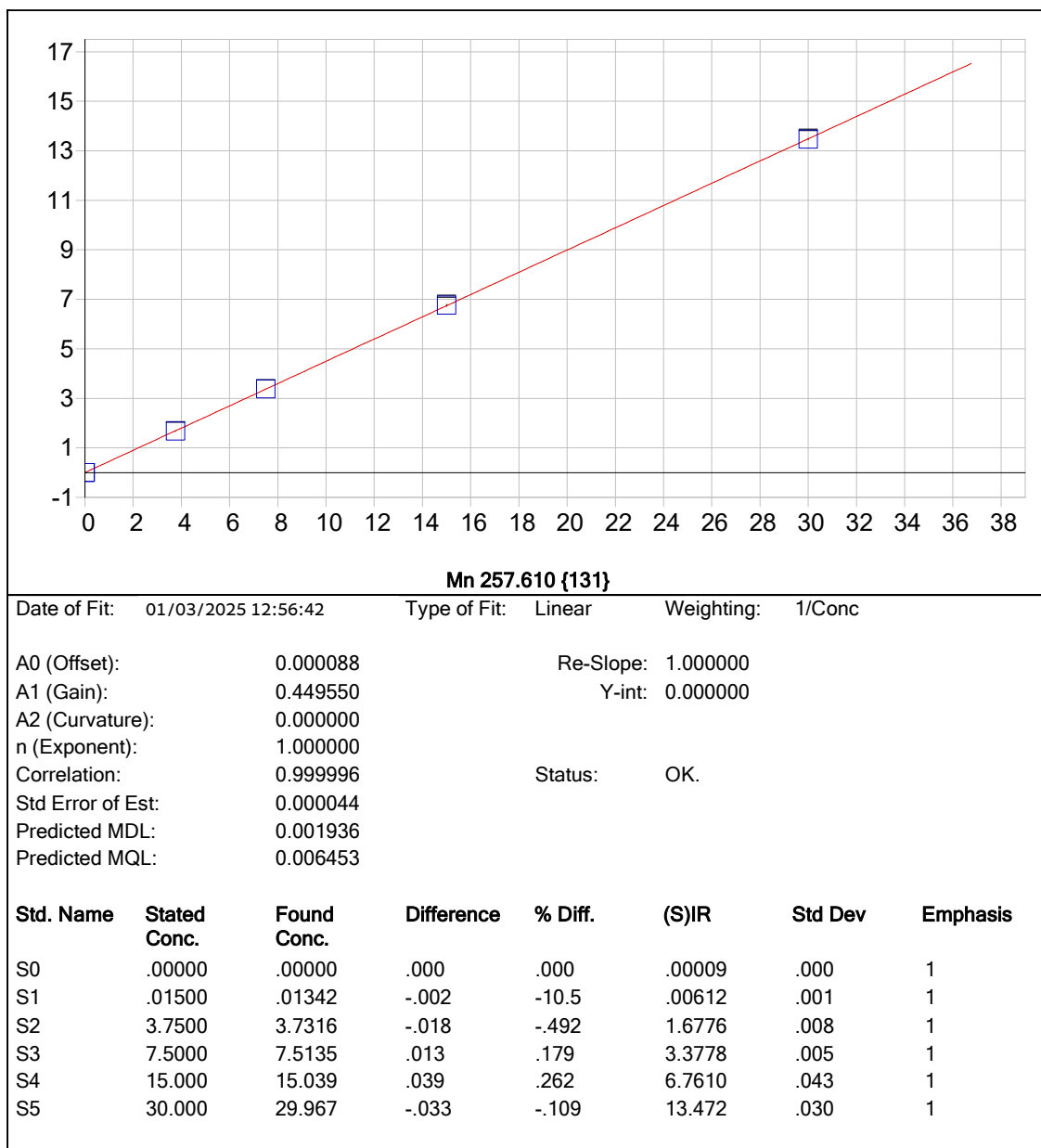


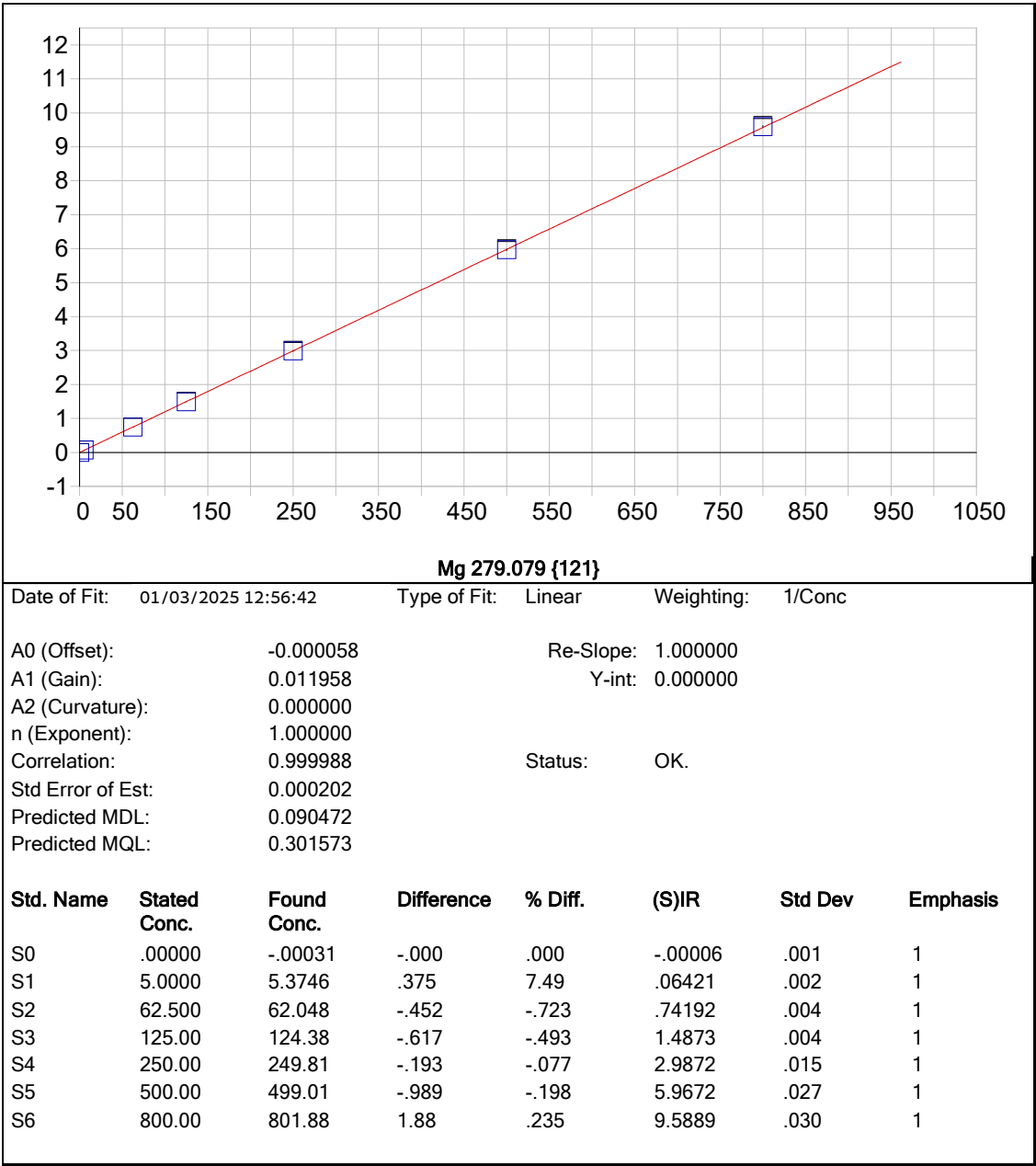


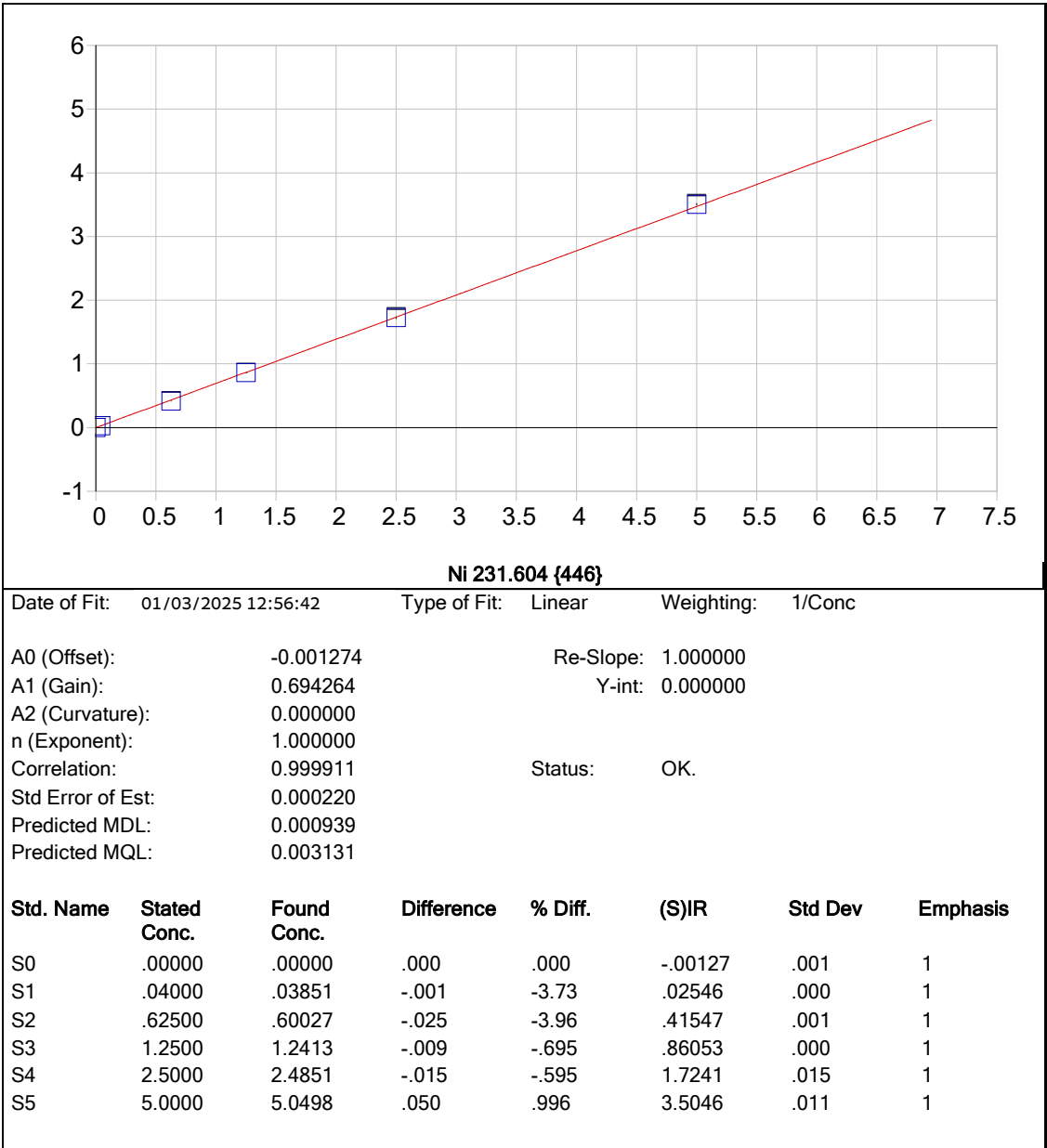


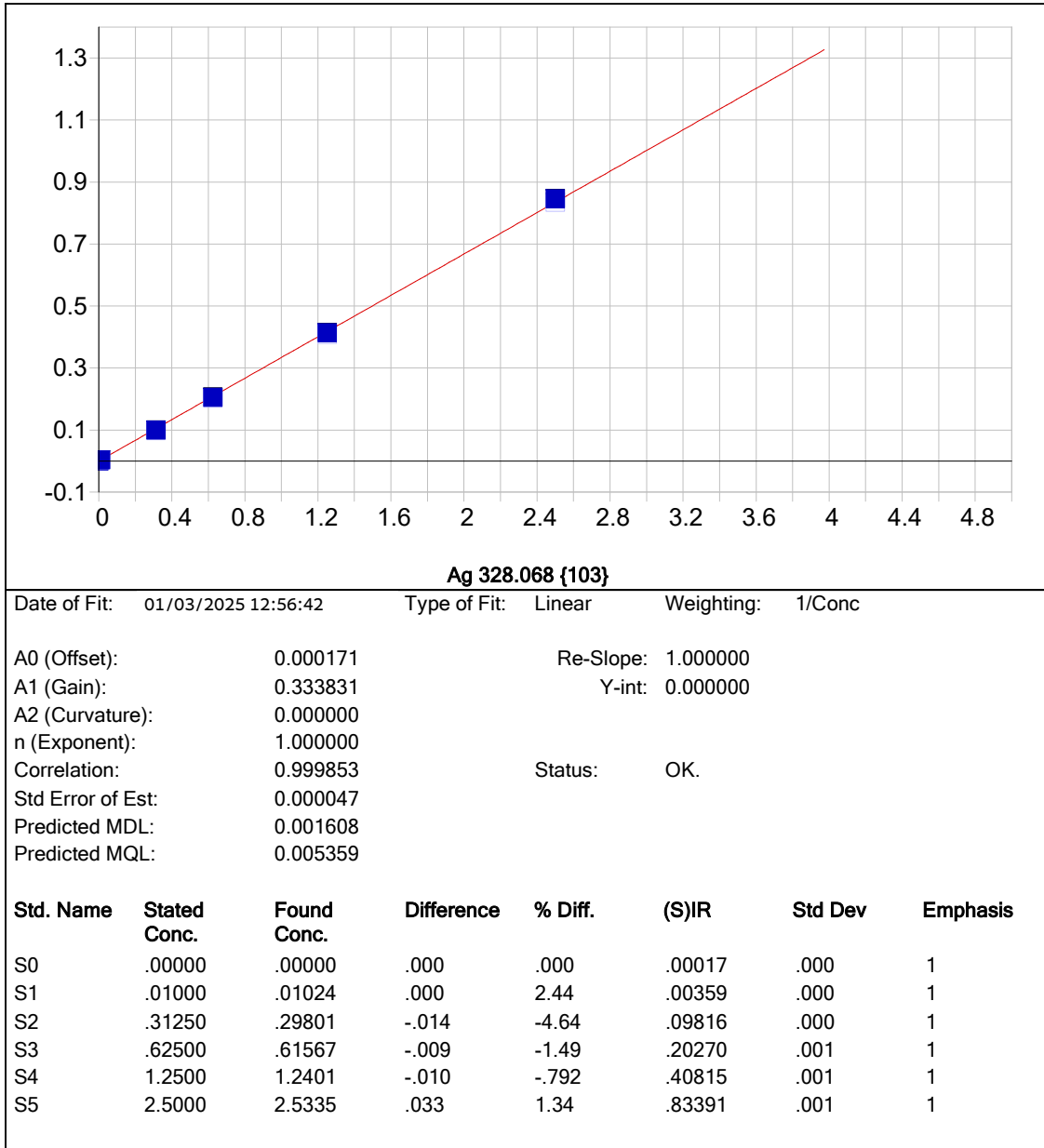




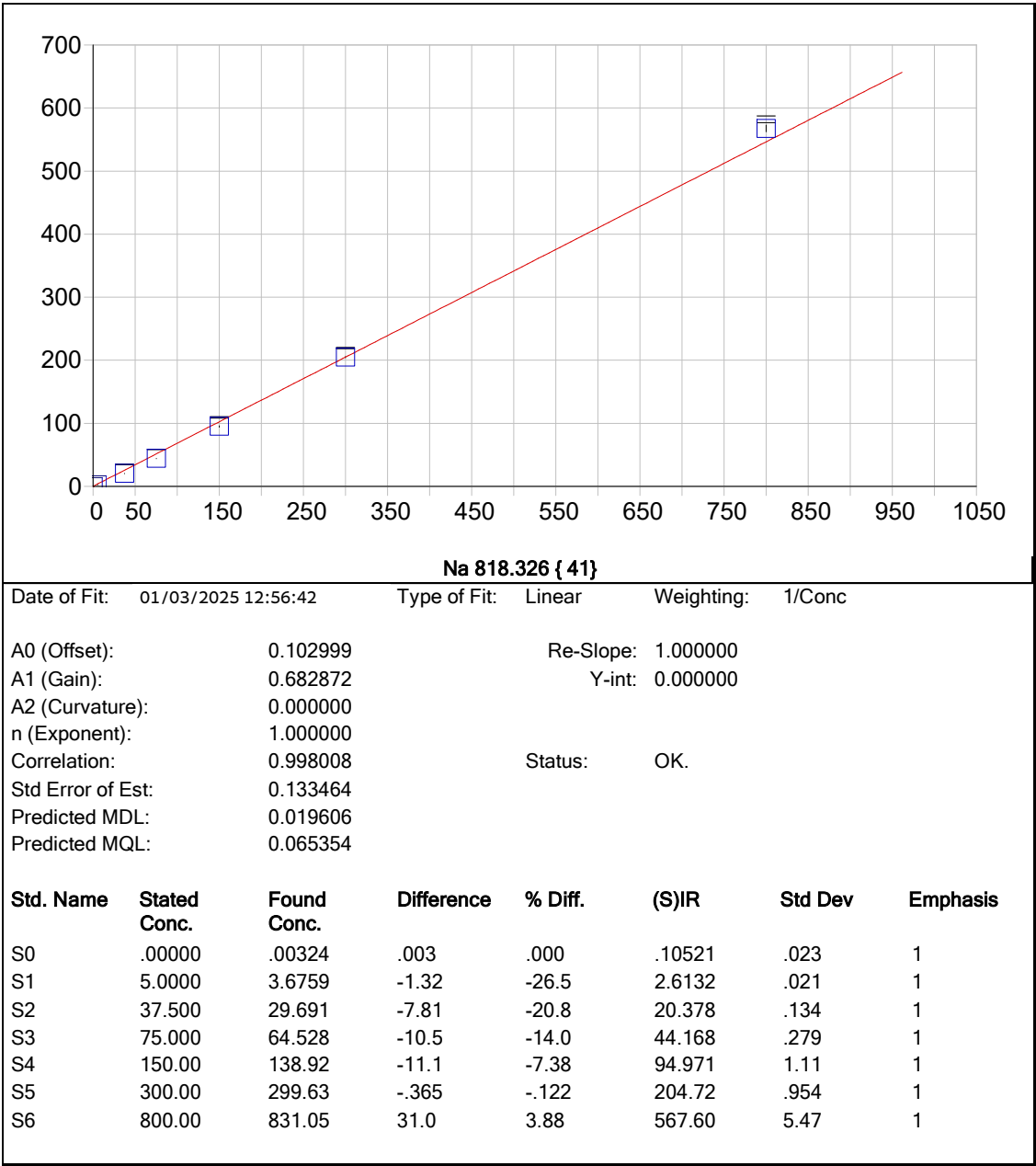


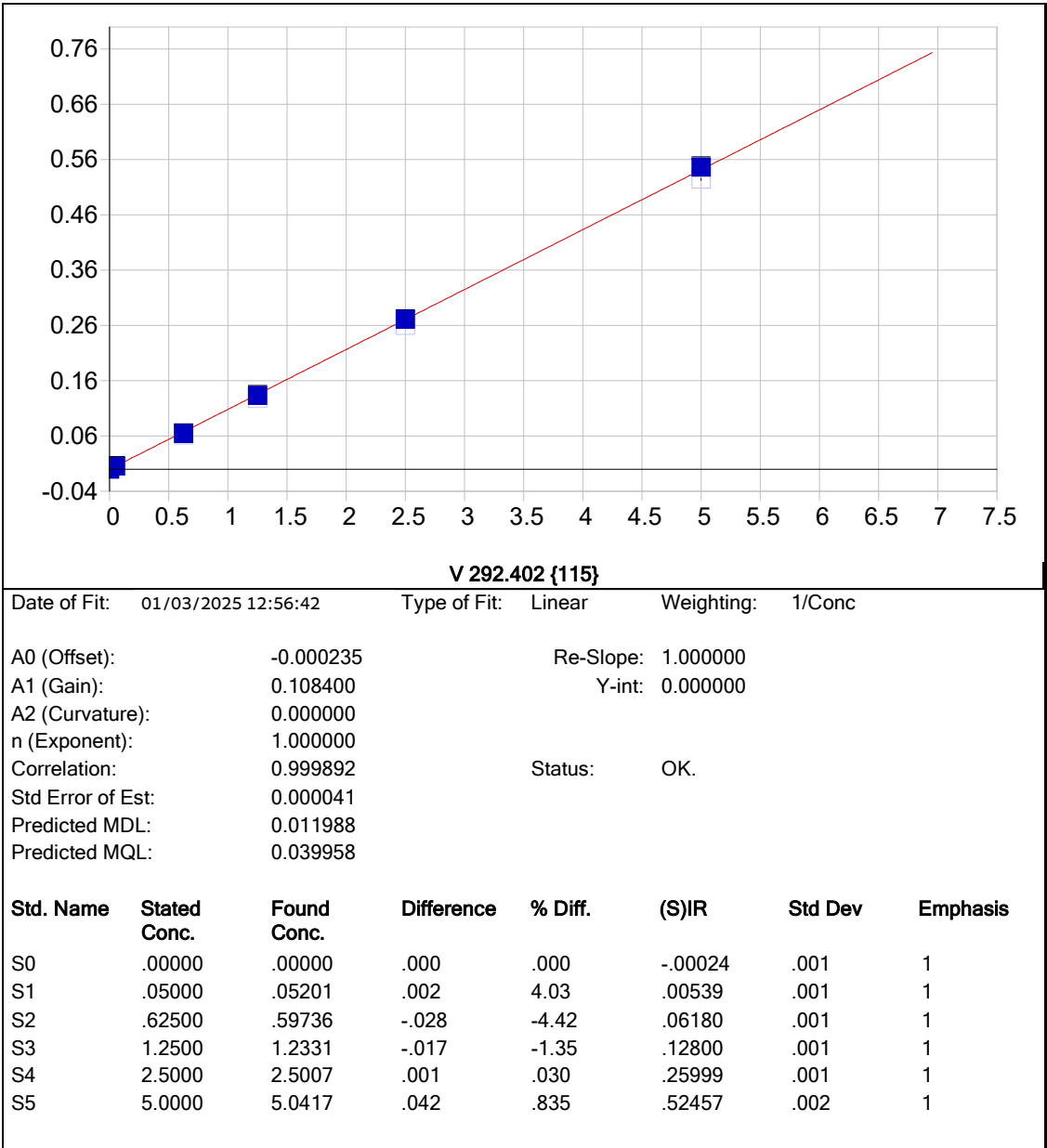


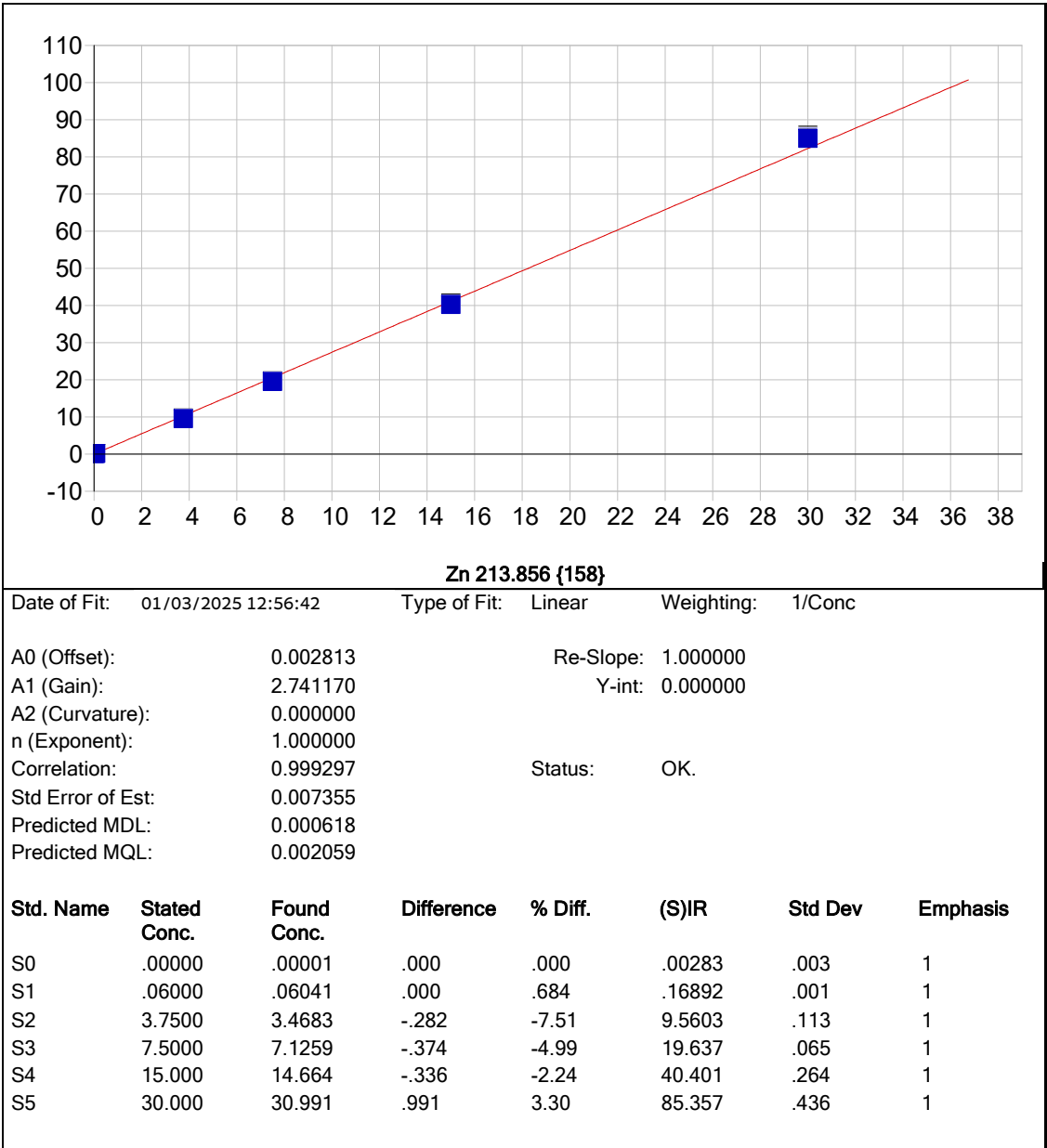


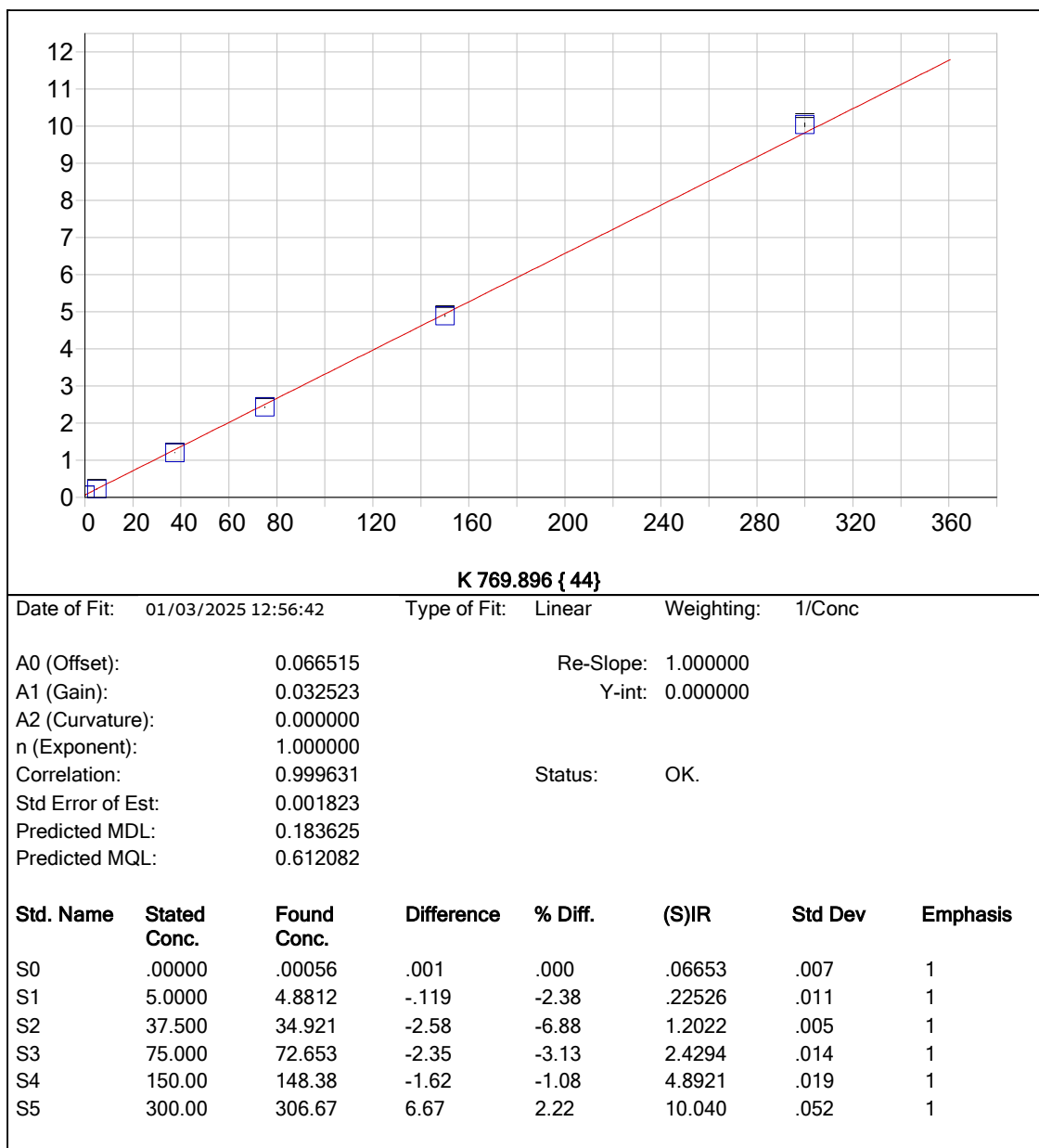


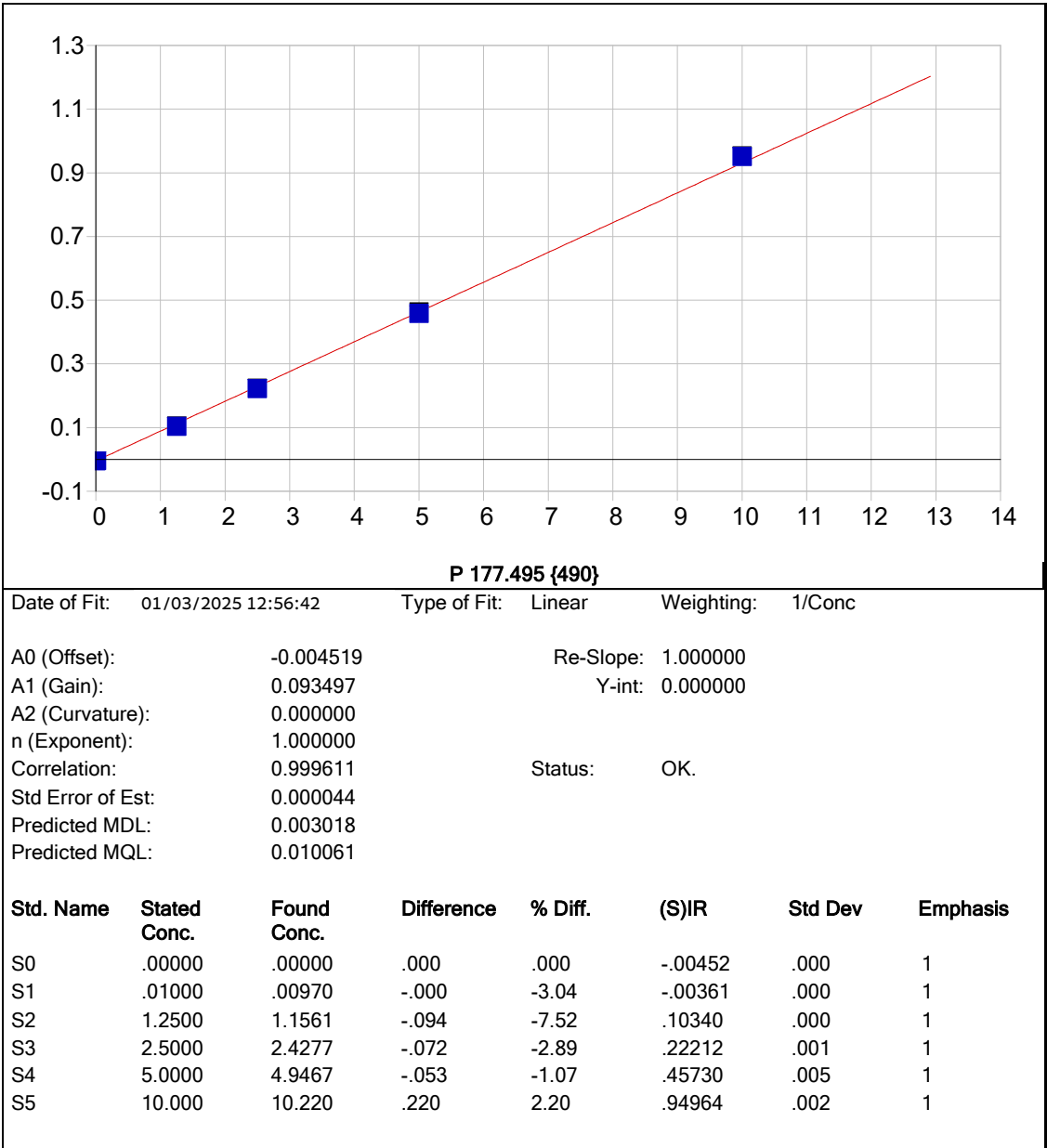


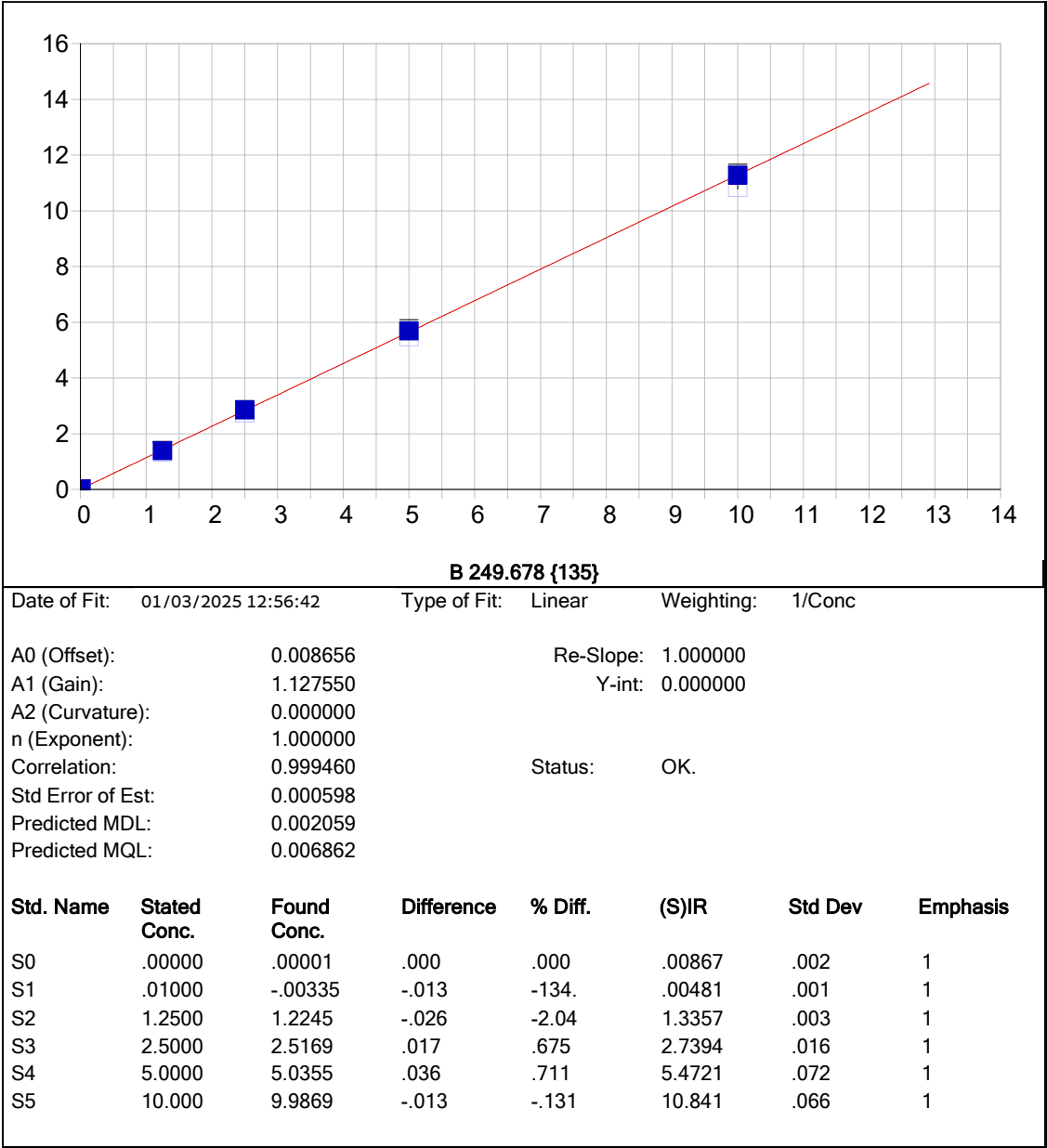


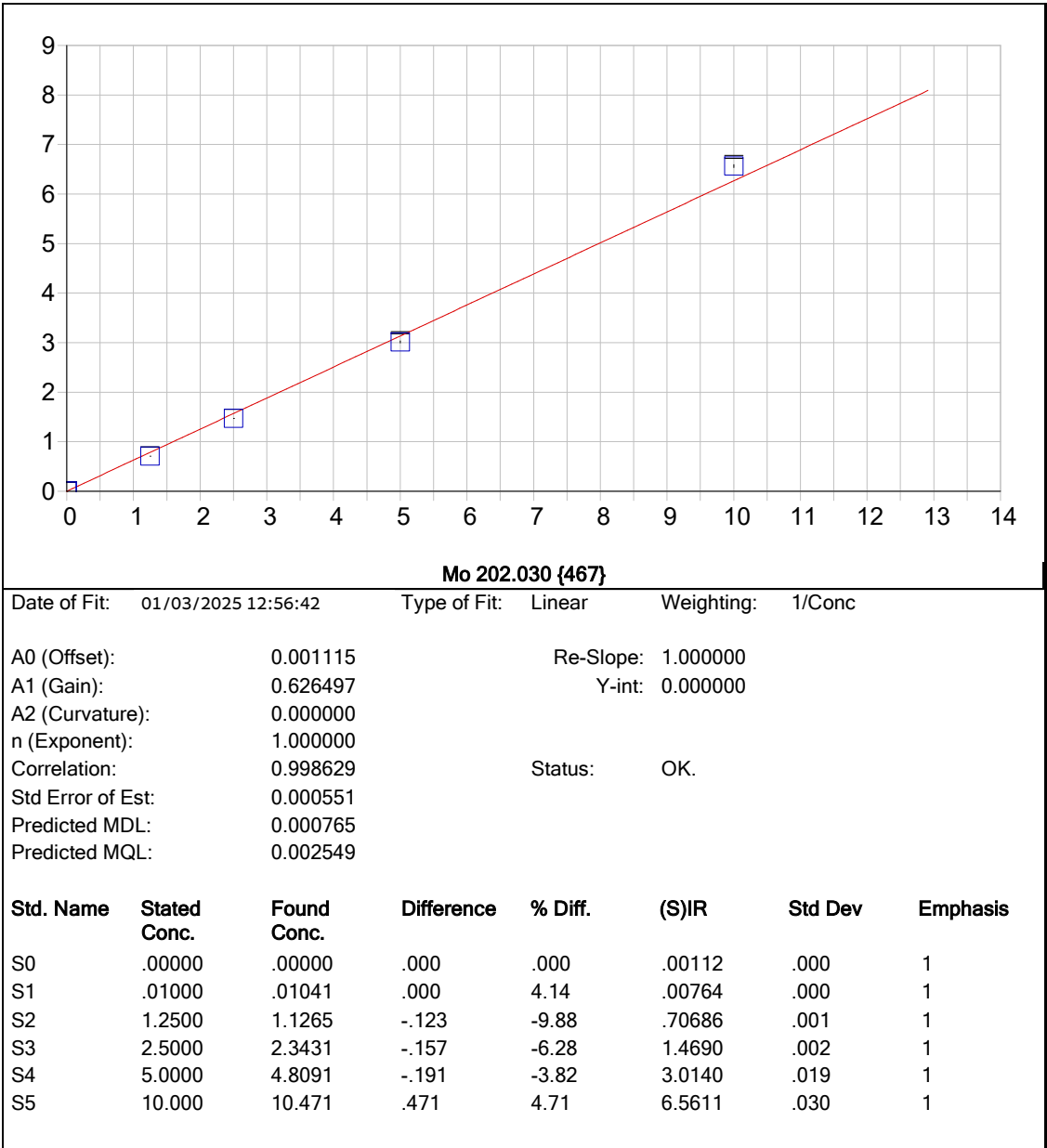


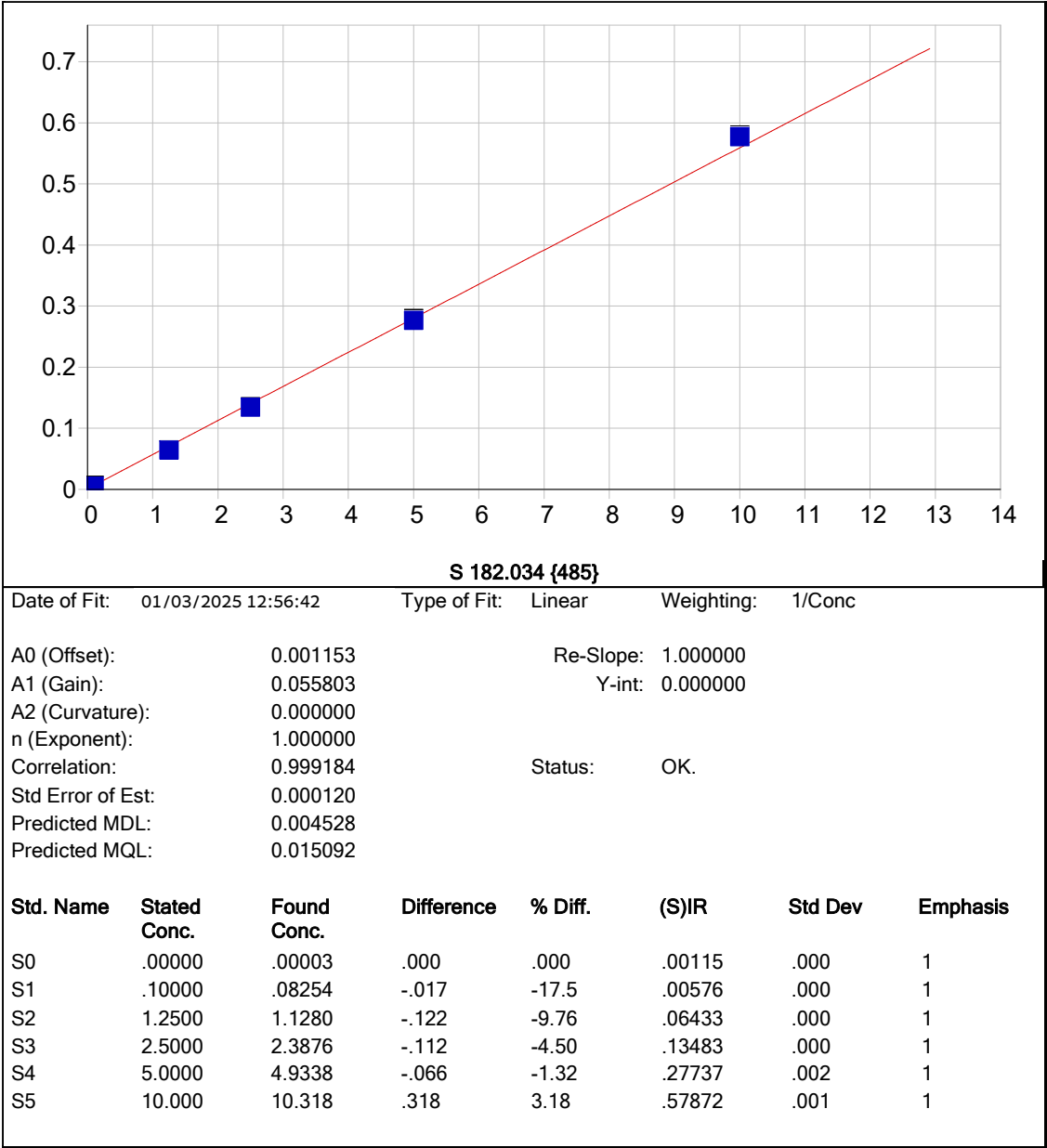




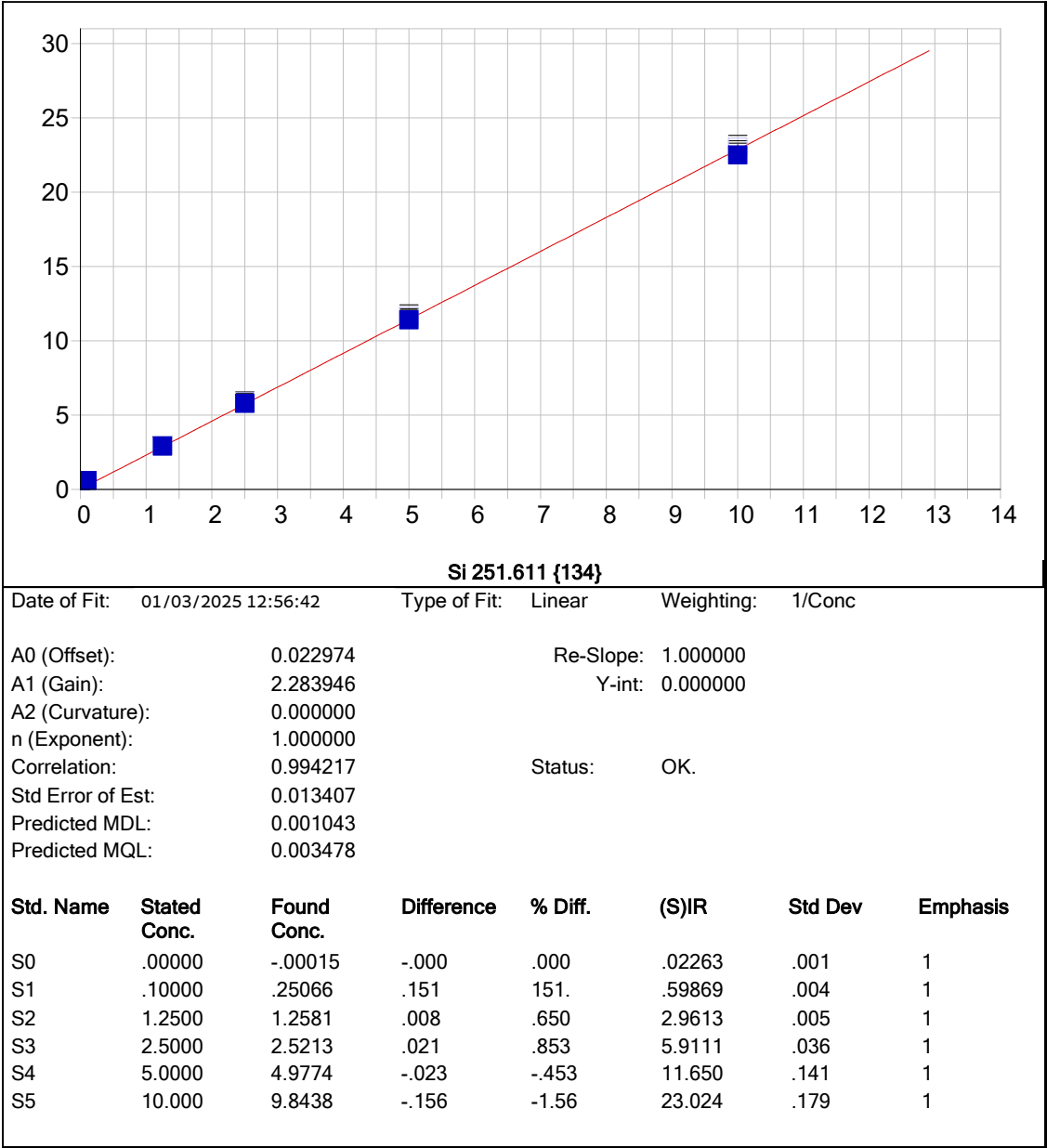


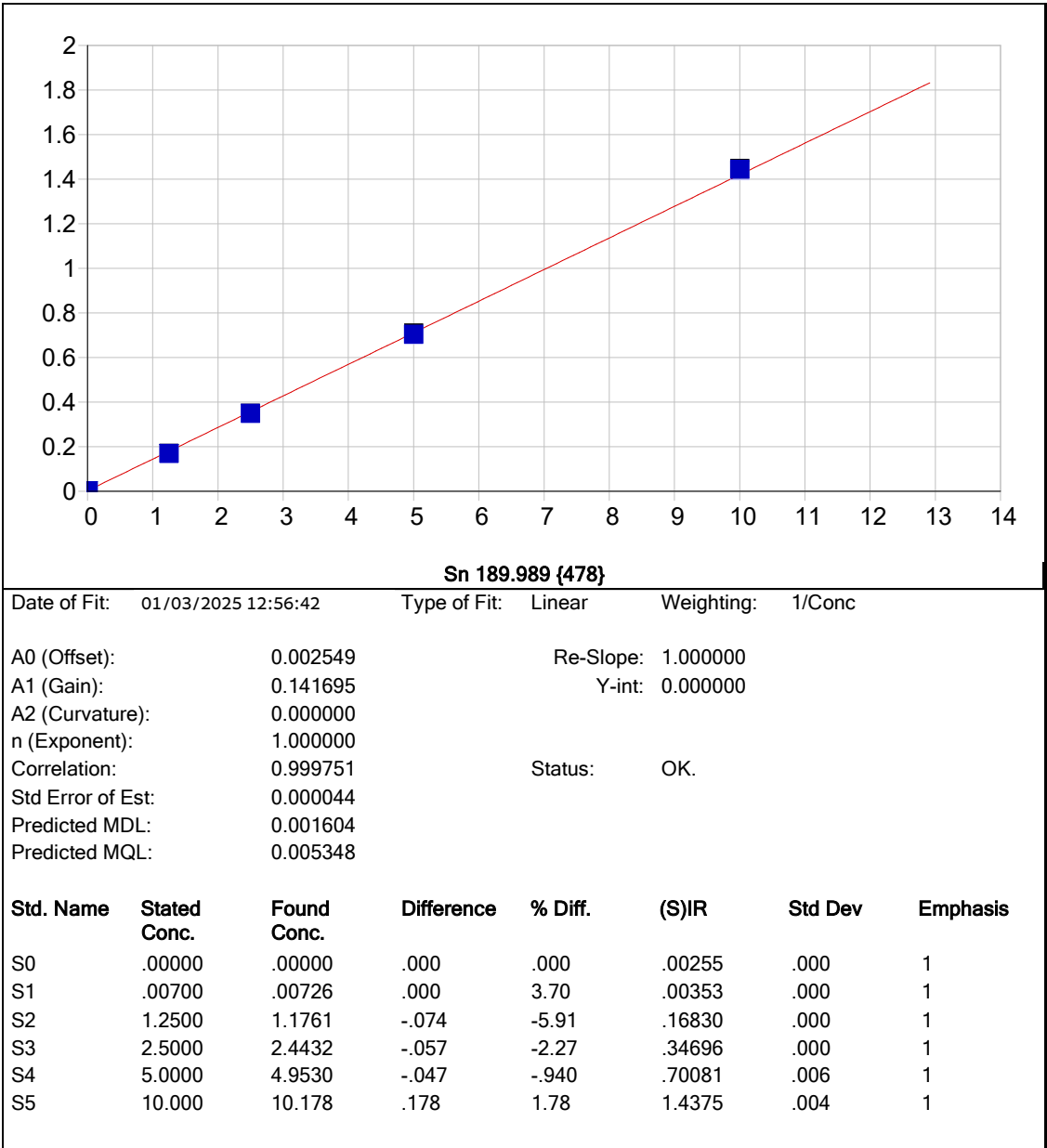


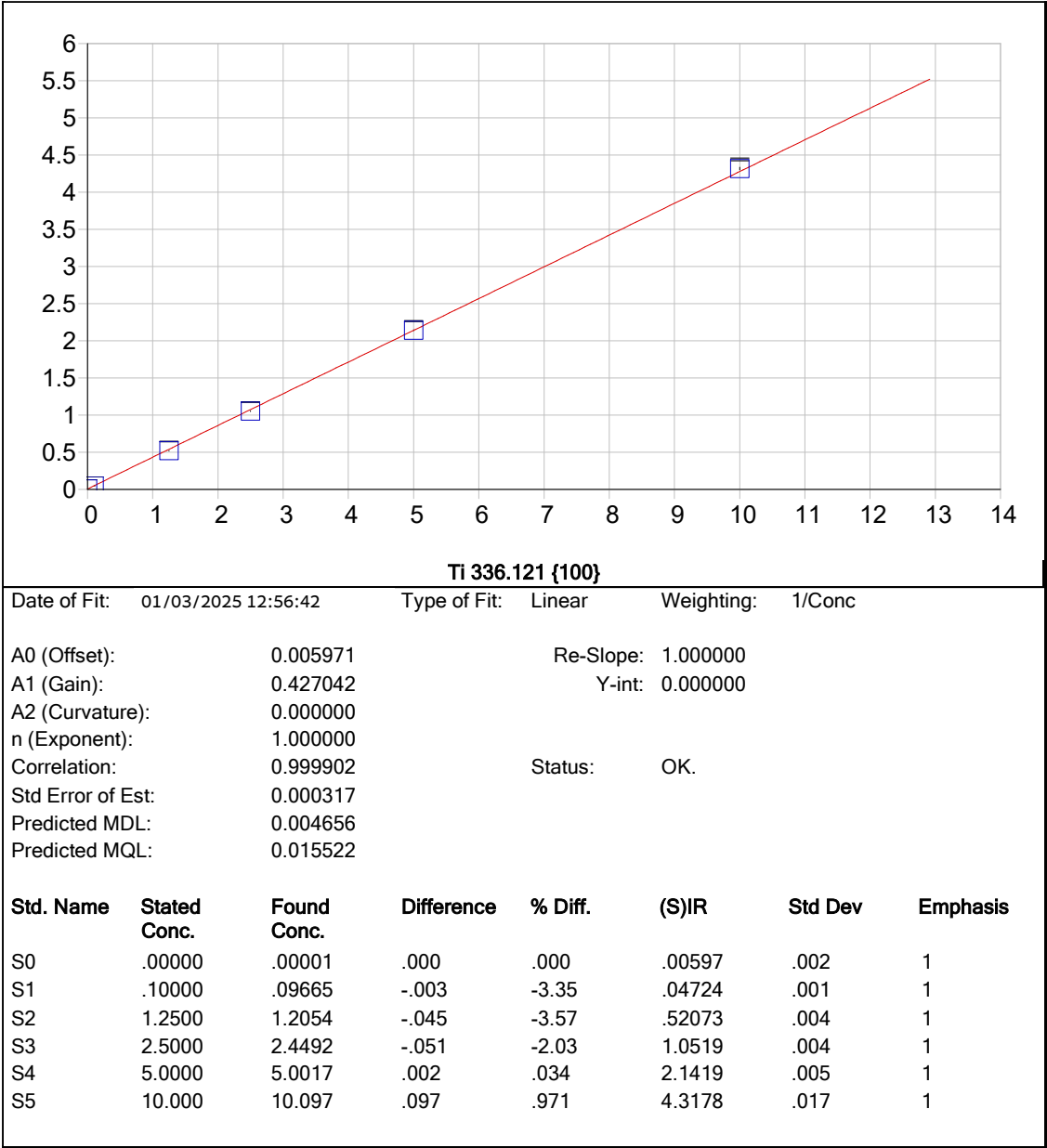


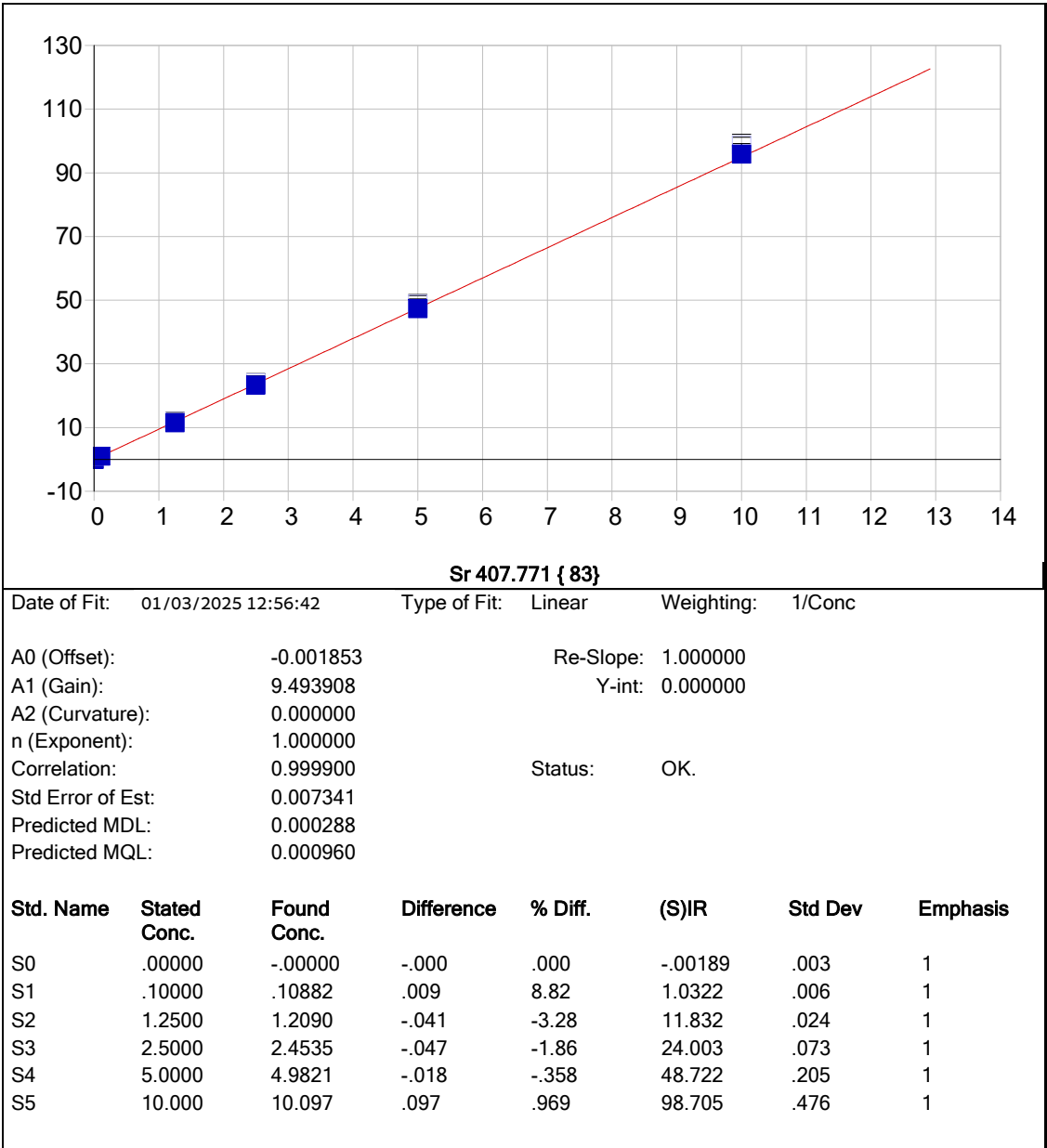


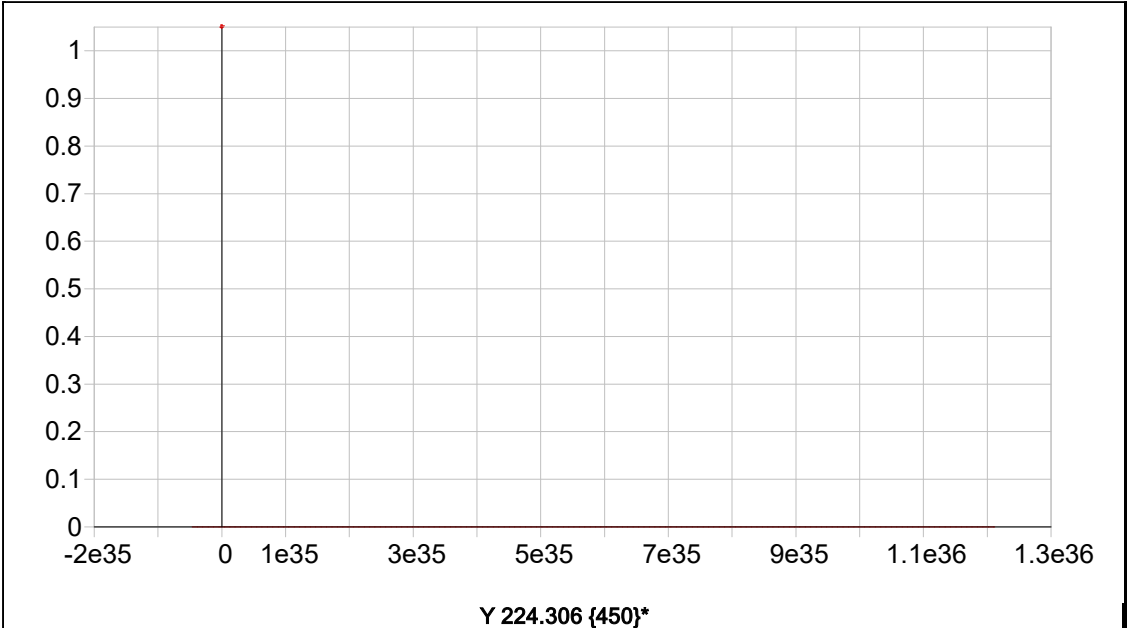






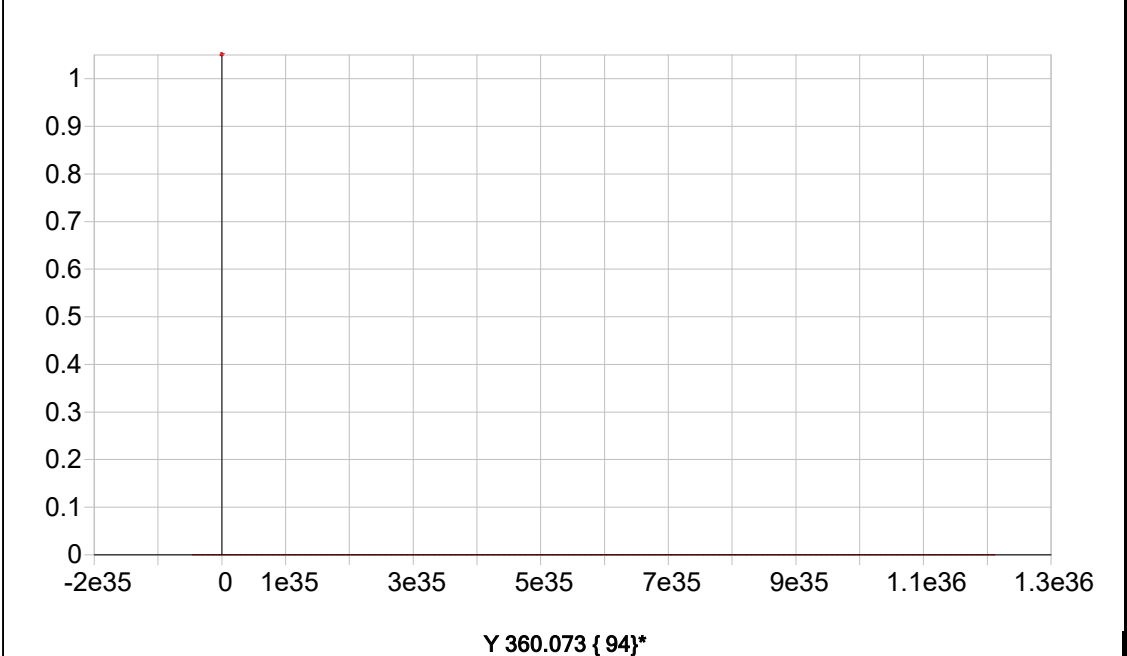




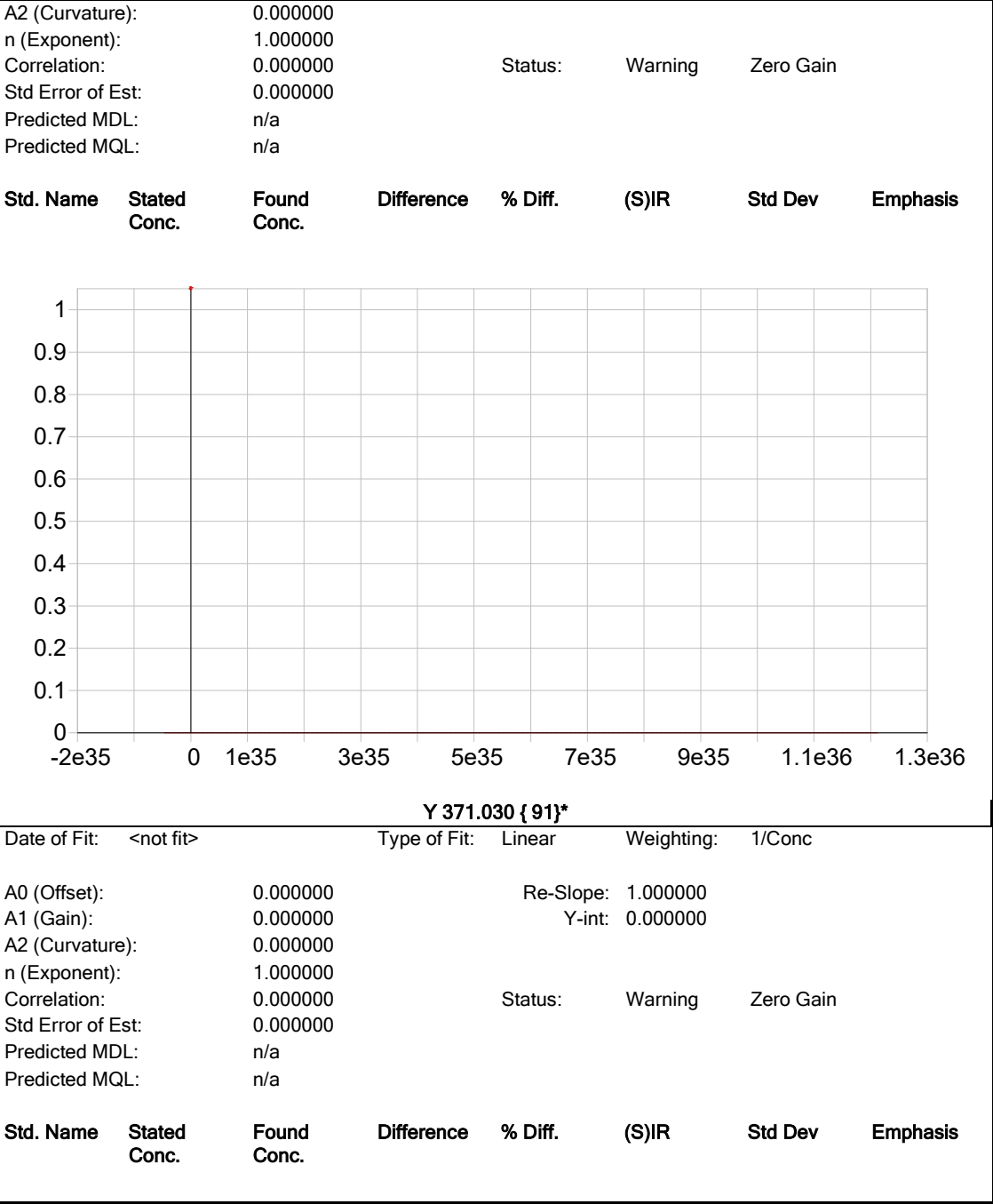


|                   |           |              |           |            |           |
|-------------------|-----------|--------------|-----------|------------|-----------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | Y-int:    | 0.000000   |           |
| A2 (Curvature):   | 0.000000  |              |           |            |           |
| n (Exponent):     | 1.000000  |              |           |            |           |
| Correlation:      | 0.000000  |              | Status:   | Warning    | Zero Gain |
| Std Error of Est: | 0.000000  |              |           |            |           |
| Predicted MDL:    | n/a       |              |           |            |           |
| Predicted MQL:    | n/a       |              |           |            |           |

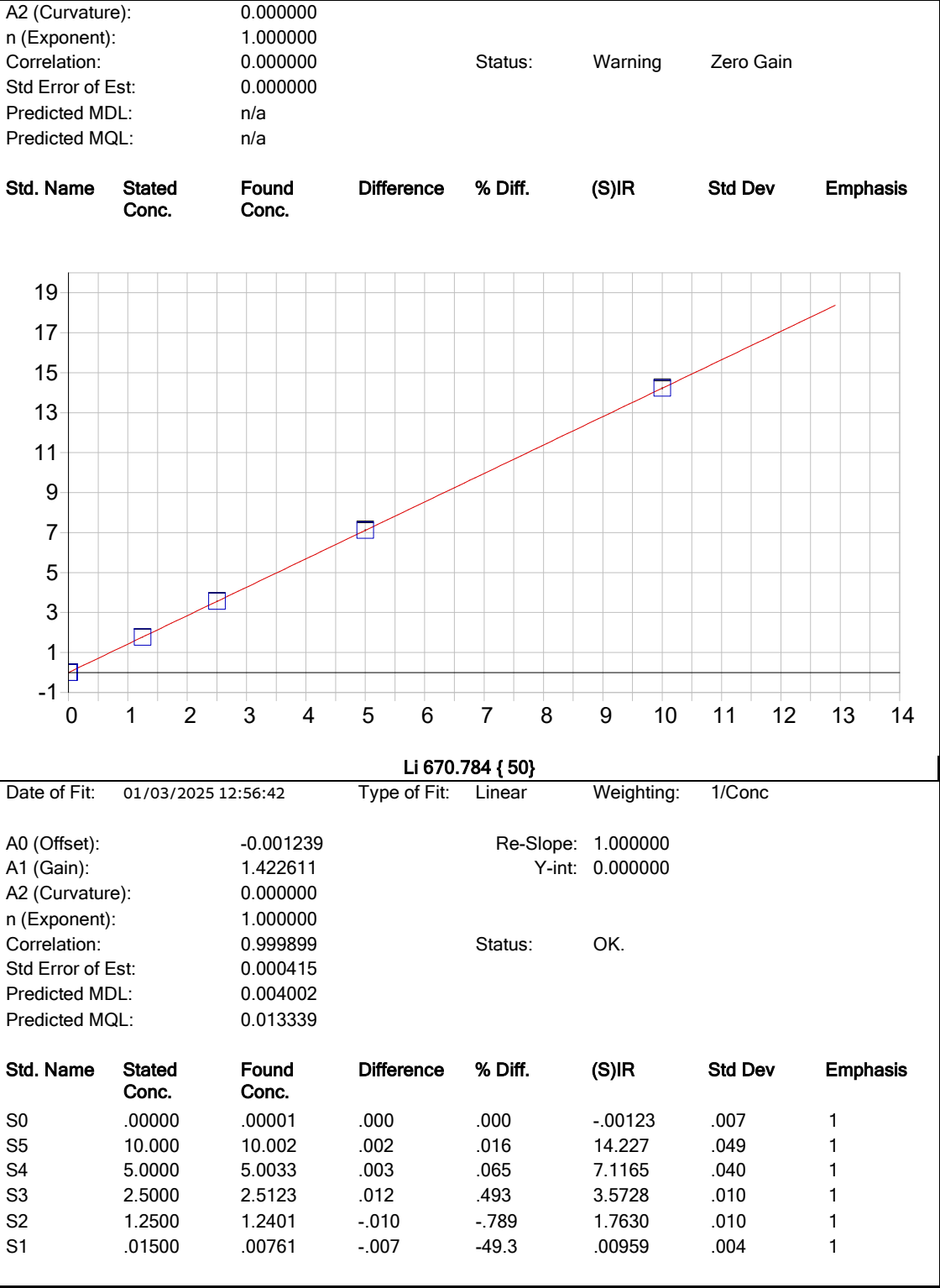
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):   | 0.000000  | Y-int:       | 0.000000 |            |        |









Sample Name: S0      Acquired: 01/03/2025 12:30:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .18942  | -.00045 | -.00068 | -.00013 | -.00003 | -.00182 | .16789  | .00495  |
| Stddev | .73516  | .00019  | .00084  | .00013  | .00028  | .00132  | .01289  | .00085  |
| %RSD   | 388.12  | 42.871  | 124.62  | 103.21  | 913.66  | 72.647  | 7.6797  | 17.133  |
| #1     | .51771  | -.00063 | .00027  | -.00016 | -.00029 | -.00182 | .17402  | .00464  |
| #2     | .70324  | -.00046 | -.00097 | .00002  | .00027  | -.00313 | .15307  | .00431  |
| #3     | -.65269 | -.00025 | -.00133 | -.00024 | -.00007 | -.00050 | .17657  | .00592  |
| Elem   | Cd2144  | Ca3736  | Cr2677  | Co2286  | Cu3247  | Fe2598  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .00050  | .01154  | -.00011 | -.00082 | .00313  | -.00021 | .00009  | -.00006 |
| Stddev | .00070  | .00374  | .00029  | .00052  | .00124  | .00138  | .00046  | .00061  |
| %RSD   | 139.75  | 32.422  | 266.35  | 63.572  | 39.727  | 661.19  | 516.90  | 987.55  |
| #1     | .00126  | .01560  | -.00045 | -.00026 | .00170  | .00138  | .00059  | -.00075 |
| #2     | .00038  | .01078  | .00009  | -.00129 | .00392  | -.00106 | -.00032 | .00018  |
| #3     | -.00013 | .00824  | .00003  | -.00092 | .00378  | -.00095 | -.00001 | .00038  |
| Elem   | Ni2316  | Ag3280  | Na8183  | V_2924  | Zn2138  | K_7698  | P_1774  | B_2496  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00127 | .00017  | .10521  | -.00024 | .00283  | .06653  | -.00452 | .00867  |
| Stddev | .00083  | .00025  | .02252  | .00077  | .00289  | .00672  | .00048  | .00227  |
| %RSD   | 64.946  | 146.34  | 21.405  | 326.65  | 101.96  | 10.103  | 10.520  | 26.163  |
| #1     | -.00217 | .00038  | .08203  | -.00111 | -.00009 | .07404  | -.00400 | .00636  |
| #2     | -.00109 | .00024  | .12701  | .00032  | .00290  | .06108  | -.00494 | .00877  |
| #3     | -.00055 | -.00011 | .10661  | .00009  | .00568  | .06448  | -.00461 | .01089  |
| Elem   | Mo2020  | S_1820  | Si2516  | Sn1899  | Ti3361  | Sr4077  | Li6707  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00112  | .00115  | .02263  | .00255  | .00597  | -.00189 | -.00123 |         |
| Stddev | .00025  | .00011  | .00105  | .00015  | .00246  | .00318  | .00694  |         |
| %RSD   | 22.223  | 9.1721  | 4.6347  | 5.8331  | 41.198  | 167.93  | 564.67  |         |
| #1     | .00138  | .00121  | .02229  | .00272  | .00755  | -.00246 | .00663  |         |
| #2     | .00089  | .00122  | .02381  | .00247  | .00314  | .00153  | -.00381 |         |
| #3     | .00108  | .00103  | .02180  | .00246  | .00724  | -.00475 | -.00650 |         |

Sample Name: S0      Acquired: 01/03/2025 12:30:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1824.8 | 18450. | 1803.1 | 1377.2 | 2021.2 |
| Stddev    | 9.7    | 147.   | 42.2   | 7.2    | 5.7    |
| %RSD      | .53010 | .79791 | 2.3388 | .52281 | .28371 |
| #1        | 1835.0 | 18606. | 1754.7 | 1382.9 | 2026.6 |
| #2        | 1815.8 | 18430. | 1822.1 | 1379.6 | 2015.1 |
| #3        | 1823.5 | 18314. | 1832.3 | 1369.1 | 2021.8 |

Sample Name: S1      Acquired: 01/03/2025 12:34:13      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.8764 | .00205 | .00237 | .00198 | .00985 | .01766 | .86692 | .07818 |
| Stddev | .3376  | .00027 | .00042 | .00065 | .00028 | .00619 | .00785 | .00035 |
| %RSD   | 17.990 | 13.099 | 17.706 | 32.805 | 2.8941 | 35.056 | .90573 | .44755 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8125 | .00180 | .00200 | .00127 | .00988 | .01714 | .87553 | .07858 |
| #2 | 1.5753 | .00201 | .00283 | .00254 | .01011 | .01175 | .86015 | .07805 |
| #3 | 2.2414 | .00233 | .00229 | .00214 | .00955 | .02410 | .86509 | .07792 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02291 | .29663 | .00364 | .05898 | .00612 | .00203 | .00612 | .06421 |
| Stddev | .00038 | .00275 | .00008 | .00050 | .00103 | .00077 | .00137 | .00181 |
| %RSD   | 1.6700 | .92738 | 2.1600 | .84645 | 16.818 | 37.897 | 22.364 | 2.8175 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02319 | .29980 | .00373 | .05950 | .00661 | .00274 | .00599 | .06531 |
| #2 | .02247 | .29525 | .00358 | .05850 | .00682 | .00121 | .00755 | .06520 |
| #3 | .02307 | .29485 | .00361 | .05894 | .00494 | .00215 | .00482 | .06212 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774  | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .02546 | .00359 | 2.6132 | .00539 | .16892 | .22526 | -.00361 | .00481 |
| Stddev | .00039 | .00030 | .0210  | .00141 | .00080 | .01069 | .00014  | .00101 |
| %RSD   | 1.5301 | 8.3398 | .80184 | 26.199 | .47594 | 4.7437 | 3.8376  | 20.938 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02524 | .00354 | 2.6359 | .00376 | .16939 | .23197 | -.00345 | .00421 |
| #2 | .02523 | .00332 | 2.5945 | .00628 | .16799 | .23088 | -.00369 | .00426 |
| #3 | .02591 | .00391 | 2.6092 | .00613 | .16937 | .21294 | -.00369 | .00598 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00764 | .00576 | .59869 | .00353 | .04724 | 1.0322 | .00959 |
| Stddev | .00039 | .00033 | .00383 | .00015 | .00068 | .0065  | .00447 |
| %RSD   | 5.1646 | 5.7329 | .63948 | 4.3733 | 1.4319 | .62491 | 46.593 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00741 | .00539 | .60263 | .00348 | .04646 | 1.0391 | .01080 |
| #2 | .00809 | .00602 | .59846 | .00341 | .04761 | 1.0310 | .01333 |
| #3 | .00742 | .00587 | .59498 | .00371 | .04765 | 1.0264 | .00464 |

Sample Name: S1      Acquired: 01/03/2025 12:34:13      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1820.7 | 18414. | 1818.6 | 1356.0 | 2032.1 |
| Stddev    | 6.2    | 95.    | 9.8    | 6.2    | 3.6    |
| %RSD      | .33854 | .51445 | .54150 | .46037 | .17955 |
| #1        | 1813.9 | 18424. | 1808.1 | 1352.8 | 2028.3 |
| #2        | 1822.5 | 18503. | 1827.5 | 1363.2 | 2032.5 |
| #3        | 1825.8 | 18315. | 1820.3 | 1352.1 | 2035.5 |

Sample Name: S2      Acquired: 01/03/2025 12:38:19      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 168.96 | .11620 | 1.6925 | .07957 | .19884 | 3.7965 | 8.3892 | 1.7160 |
| Stddev | .25    | .00033 | .0014  | .00025 | .00060 | .0124  | .0485  | .0032  |
| %RSD   | .14865 | .28735 | .08196 | .31365 | .30340 | .32692 | .57818 | .18754 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 168.98 | .11657 | 1.6929 | .07946 | .19891 | 3.8051 | 8.4374 | 1.7133 |
| #2 | 168.70 | .11591 | 1.6909 | .07940 | .19941 | 3.7823 | 8.3898 | 1.7151 |
| #3 | 169.20 | .11612 | 1.6936 | .07986 | .19821 | 3.8022 | 8.3404 | 1.7195 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.6826 | 3.4125 | 1.3556 | .71503 | .55841 | .89790 | 1.6776 | .74192 |
| Stddev | .0017  | .0112  | .0058  | .00110 | .00053 | .00267 | .0082  | .00352 |
| %RSD   | .06273 | .32808 | .42876 | .15390 | .09504 | .29723 | .48995 | .47381 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6846 | 3.4233 | 1.3599 | .71605 | .55780 | .90042 | 1.6865 | .74597 |
| #2 | 2.6818 | 3.4132 | 1.3579 | .71387 | .55879 | .89511 | 1.6760 | .73964 |
| #3 | 2.6815 | 3.4010 | 1.3490 | .71518 | .55863 | .89817 | 1.6703 | .74015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .41547 | .09816 | 20.378 | .06180 | 9.5603 | 1.2022 | .10340 | 1.3357 |
| Stddev | .00098 | .00015 | .134   | .00102 | .1128  | .0053  | .00046 | .0026  |
| %RSD   | .23504 | .15473 | .65919 | 1.6555 | 1.1794 | .43845 | .44959 | .19596 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .41660 | .09824 | 20.483 | .06087 | 9.6857 | 1.2066 | .10297 | 1.3334 |
| #2 | .41491 | .09824 | 20.425 | .06290 | 9.5280 | 1.2038 | .10333 | 1.3386 |
| #3 | .41490 | .09798 | 20.227 | .06164 | 9.4672 | 1.1964 | .10390 | 1.3351 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .70686 | .06433 | 2.9613 | .16830 | .52073 | 11.832 | 1.7630 |
| Stddev | .00111 | .00027 | .0046  | .00034 | .00352 | .024   | .0098  |
| %RSD   | .15667 | .41387 | .15651 | .20237 | .67691 | .20140 | .55363 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .70807 | .06453 | 2.9594 | .16864 | .51792 | 11.857 | 1.7739 |
| #2 | .70662 | .06442 | 2.9666 | .16832 | .51958 | 11.810 | 1.7599 |
| #3 | .70590 | .06402 | 2.9579 | .16796 | .52468 | 11.830 | 1.7552 |

Sample Name: S2      Acquired: 01/03/2025 12:38:19      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1732.4 | 17980. | 1781.5 | 1298.5 | 1852.5 |
| Stddev    | 3.2    | 211.   | 13.6   | 18.4   | 4.0    |
| %RSD      | .18354 | 1.1749 | .76139 | 1.4200 | .21676 |
| #1        | 1730.0 | 17816. | 1770.9 | 1279.5 | 1848.3 |
| #2        | 1731.2 | 17905. | 1776.7 | 1299.7 | 1852.9 |
| #3        | 1736.0 | 18218. | 1796.7 | 1316.3 | 1856.3 |

Sample Name: S3      Acquired: 01/03/2025 12:42:11      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 340.05 | .23960 | 3.4986 | .16588 | .41064 | 7.6655 | 16.931 | 3.4319 |
| Stddev | .80    | .00035 | .0051  | .00037 | .00122 | .0088  | .049   | .0219  |
| %RSD   | .23599 | .14736 | .14643 | .22012 | .29655 | .11471 | .28783 | .63788 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 340.23 | .23940 | 3.5021 | .16552 | .41045 | 7.6556 | 16.956 | 3.4528 |
| #2 | 340.74 | .24001 | 3.4927 | .16586 | .41194 | 7.6723 | 16.962 | 3.4337 |
| #3 | 339.17 | .23940 | 3.5010 | .16625 | .40953 | 7.6685 | 16.875 | 3.4092 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.5418 | 6.8978 | 2.7453 | 1.4639 | 1.1288 | 1.8122 | 3.3778 | 1.4873 |
| Stddev | .0084  | .0251  | .0059  | .0029  | .0024  | .0033  | .0054  | .0041  |
| %RSD   | .15243 | .36437 | .21499 | .20034 | .21059 | .18007 | .16100 | .27844 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.5416 | 6.9166 | 2.7506 | 1.4638 | 1.1311 | 1.8113 | 3.3796 | 1.4904 |
| #2 | 5.5334 | 6.9075 | 2.7464 | 1.4610 | 1.1288 | 1.8159 | 3.3821 | 1.4890 |
| #3 | 5.5503 | 6.8692 | 2.7389 | 1.4669 | 1.1263 | 1.8096 | 3.3716 | 1.4826 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .86053 | .20270 | 44.168 | .12800 | 19.637 | 2.4294 | .22212 | 2.7394 |
| Stddev | .00023 | .00097 | .279   | .00126 | .065   | .0143  | .00086 | .0158  |
| %RSD   | .02715 | .47690 | .63188 | .98797 | .33075 | .58759 | .38805 | .57583 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .86056 | .20317 | 44.449 | .12927 | 19.690 | 2.4435 | .22172 | 2.7536 |
| #2 | .86028 | .20334 | 44.164 | .12799 | 19.657 | 2.4297 | .22154 | 2.7420 |
| #3 | .86074 | .20158 | 43.891 | .12674 | 19.564 | 2.4149 | .22311 | 2.7224 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.4690 | .13483 | 5.9111 | .34696 | 1.0519 | 24.003 | 3.5728 |
| Stddev | .0020  | .00039 | .0358  | .00014 | .0041  | .073   | .0098  |
| %RSD   | .13575 | .28728 | .60589 | .03916 | .39273 | .30247 | .27287 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4674 | .13454 | 5.9464 | .34687 | 1.0478 | 23.944 | 3.5841 |
| #2 | 1.4684 | .13468 | 5.9122 | .34712 | 1.0560 | 24.084 | 3.5672 |
| #3 | 1.4713 | .13527 | 5.8748 | .34690 | 1.0518 | 23.981 | 3.5672 |

Sample Name: S3      Acquired: 01/03/2025 12:42:11      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1661.1 | 17448. | 1761.6 | 1240.8 | 1765.9 |
| Stddev    | 4.0    | 40.    | 8.7    | 2.9    | 6.0    |
| %RSD      | .24354 | .22822 | .49442 | .23208 | .33992 |
| #1        | 1661.7 | 17405. | 1751.8 | 1237.5 | 1764.1 |
| #2        | 1664.7 | 17483. | 1764.8 | 1242.8 | 1772.6 |
| #3        | 1656.7 | 17457. | 1768.3 | 1242.1 | 1761.0 |



Sample Name: S4      Acquired: 01/03/2025 12:45:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 660.82 | .47432 | 7.0856 | .33502 | .84129 | 15.609 | 33.977 | 6.7626 |
| Stddev | 1.07   | .00317 | .0541  | .00280 | .00655 | .062   | .113   | .1068  |
| %RSD   | .16136 | .66833 | .76371 | .83553 | .77897 | .39599 | .33161 | 1.5799 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 660.69 | .47647 | 7.1168 | .33746 | .84317 | 15.637 | 34.024 | 6.8371 |
| #2 | 659.83 | .47068 | 7.0232 | .33196 | .83400 | 15.653 | 34.059 | 6.8105 |
| #3 | 661.95 | .47581 | 7.1169 | .33562 | .84670 | 15.539 | 33.848 | 6.6402 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.086 | 13.729 | 5.4495 | 2.9040 | 2.2664 | 3.6497 | 6.7610 | 2.9872 |
| Stddev | .087   | .058   | .0060  | .0253  | .0096  | .0211  | .0427  | .0146  |
| %RSD   | .78537 | .42420 | .10912 | .87001 | .42412 | .57798 | .63121 | .48712 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.137 | 13.778 | 5.4428 | 2.9202 | 2.2772 | 3.6632 | 6.7807 | 2.9970 |
| #2 | 10.985 | 13.744 | 5.4514 | 2.8749 | 2.2631 | 3.6605 | 6.7902 | 2.9941 |
| #3 | 11.135 | 13.665 | 5.4543 | 2.9170 | 2.2588 | 3.6254 | 6.7120 | 2.9705 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.7241 | .40815 | 94.971 | .25999 | 40.401 | 4.8921 | .45730 | 5.4721 |
| Stddev | .0148  | .00079 | 1.111  | .00087 | .264   | .0190  | .00487 | .0720  |
| %RSD   | .85952 | .19381 | 1.1703 | .33451 | .65300 | .38832 | 1.0651 | 1.3153 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7355 | .40758 | 95.495 | .25935 | 40.339 | 4.8988 | .46004 | 5.5356 |
| #2 | 1.7073 | .40781 | 95.723 | .26098 | 40.691 | 4.9069 | .45168 | 5.4867 |
| #3 | 1.7293 | .40905 | 93.694 | .25963 | 40.174 | 4.8707 | .46019 | 5.3939 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 3.0140 | .27737 | 11.650 | .70081 | 2.1419 | 48.722 | 7.1165 |  |
| Stddev | .0193  | .00217 | .141   | .00556 | .0052  | .205   | .0396  |  |
| %RSD   | .64100 | .78323 | 1.2105 | .79268 | .24282 | .42097 | .55597 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.0257 | .27833 | 11.743 | .70381 | 2.1442 | 48.901 | 7.1557 |  |
| #2 | 2.9917 | .27488 | 11.720 | .69440 | 2.1456 | 48.765 | 7.1172 |  |
| #3 | 3.0246 | .27889 | 11.488 | .70422 | 2.1359 | 48.498 | 7.0765 |  |

Sample Name: S4      Acquired: 01/03/2025 12:45:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1564.9 | 16891. | 1724.5 | 1158.3 | 1684.7 |
| Stddev    | 9.2    | 74.    | 19.3   | 7.4    | 12.2   |
| %RSD      | .58525 | .43994 | 1.1220 | .64272 | .72660 |
| #1        | 1557.2 | 16976. | 1715.3 | 1162.1 | 1675.2 |
| #2        | 1575.1 | 16863. | 1711.5 | 1149.7 | 1698.5 |
| #3        | 1562.5 | 16835. | 1746.8 | 1163.1 | 1680.4 |

Sample Name: S5      Acquired: 01/03/2025 12:49:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1288.1 | .94611 | 14.541 | .71043 | 1.8381 | 31.927 | 68.614 | 13.345 |
| Stddev | 3.2    | .00324 | .032   | .00373 | .0089  | .171   | .238   | .078   |
| %RSD   | .24887 | .34218 | .21873 | .52559 | .48151 | .53403 | .34748 | .58340 |
| #1     | 1284.7 | .94581 | 14.534 | .71308 | 1.8434 | 31.839 | 68.423 | 13.287 |
| #2     | 1291.1 | .94304 | 14.512 | .70616 | 1.8279 | 32.123 | 68.881 | 13.434 |
| #3     | 1288.3 | .94949 | 14.575 | .71204 | 1.8431 | 31.818 | 68.538 | 13.314 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 22.475 | 27.317 | 10.903 | 5.8899 | 4.5667 | 7.2597 | 13.472 | 5.9672 |
| Stddev | .060   | .125   | .016   | .0150  | .0271  | .0320  | .030   | .0265  |
| %RSD   | .26644 | .45720 | .14718 | .25536 | .59382 | .44107 | .22595 | .44436 |
| #1     | 22.453 | 27.255 | 10.896 | 5.8881 | 4.5637 | 7.2675 | 13.468 | 5.9585 |
| #2     | 22.430 | 27.460 | 10.922 | 5.8758 | 4.5952 | 7.2872 | 13.504 | 5.9970 |
| #3     | 22.543 | 27.235 | 10.892 | 5.9058 | 4.5412 | 7.2245 | 13.444 | 5.9461 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.5046 | .83391 | 204.72 | .52457 | 85.357 | 10.040 | .94964 | 10.841 |
| Stddev | .0106  | .00125 | .95    | .00192 | .436   | .052   | .00220 | .066   |
| %RSD   | .30281 | .14985 | .46604 | .36615 | .51086 | .51968 | .23126 | .61060 |
| #1     | 3.5045 | .83459 | 203.95 | .52579 | 84.863 | 10.002 | .94810 | 10.788 |
| #2     | 3.4940 | .83466 | 205.79 | .52556 | 85.521 | 10.100 | .94867 | 10.915 |
| #3     | 3.5153 | .83246 | 204.41 | .52236 | 85.687 | 10.018 | .95216 | 10.819 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 6.5611 | .57872 | 23.024 | 1.4375 | 4.3178 | 98.705 | 14.227 |  |
| Stddev | .0300  | .00104 | .179   | .0038  | .0165  | .476   | .049   |  |
| %RSD   | .45658 | .17894 | .77700 | .26261 | .38281 | .48213 | .34690 |  |
| #1     | 6.5714 | .57967 | 22.903 | 1.4366 | 4.3085 | 98.530 | 14.197 |  |
| #2     | 6.5274 | .57762 | 23.230 | 1.4343 | 4.3369 | 99.244 | 14.284 |  |
| #3     | 6.5845 | .57888 | 22.940 | 1.4417 | 4.3081 | 98.342 | 14.201 |  |

Sample Name: S5      Acquired: 01/03/2025 12:49:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1398.4 | 16253. | 1695.1 | 1034.0 | 1582.9 |
| Stddev    | 8.7    | 42.    | 12.3   | 3.9    | 4.9    |
| %RSD      | .62488 | .25617 | .72484 | .37986 | .31178 |
| #1        | 1392.7 | 16255. | 1701.8 | 1038.5 | 1580.8 |
| #2        | 1408.5 | 16210. | 1680.9 | 1032.3 | 1588.6 |
| #3        | 1394.1 | 16293. | 1702.5 | 1031.3 | 1579.4 |

Sample Name: S6      Acquired: 01/03/2025 12:53:37      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 84.233 | 43.909 | 19.193 | 9.5889 | 567.60 |
| Stddev | .114   | .084   | .003   | .0302  | 5.47   |
| %RSD   | .13541 | .19200 | .01321 | .31438 | .96315 |
| #1     | 84.293 | 43.971 | 19.190 | 9.6081 | 572.90 |
| #2     | 84.305 | 43.943 | 19.194 | 9.6044 | 567.91 |
| #3     | 84.102 | 43.813 | 19.195 | 9.5542 | 561.98 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 1639.9 |
| Stddev    | 9.6    |
| %RSD      | .58272 |
| #1        | 1638.1 |
| #2        | 1631.4 |
| #3        | 1650.3 |

Sample Name: ICV051      Acquired: 01/03/2025 13:04:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.079059 | 1.000783 | .9840480 | .9477416 | .9086755 | 2.403445 |
| Stddev | .005416  | .005579  | .0040799 | .0053265 | .0024773 | .009321  |
| %RSD   | .5019244 | .5574760 | .4146069 | .5620190 | .2726300 | .3878239 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.084504 | 1.001600 | .9884115 | .9436416 | .9113250 | 2.413351 |
| #2 | 1.079000 | 1.005909 | .9834043 | .9458213 | .9082847 | 2.394847 |
| #3 | 1.073673 | .994841  | .9803281 | .9537620 | .9064168 | 2.402138 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5176620 | .5321191 | .5019377 | 10.19293 | .5505940 | .5066093 |
| Stddev | .0008384 | .0031001 | .0006478 | .07120   | .0022569 | .0004314 |
| %RSD   | .1619579 | .5825914 | .1290665 | .6984986 | .4099001 | .0851485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5180862 | .5329223 | .5025631 | 10.24929 | .5529878 | .5063505 |
| #2 | .5166963 | .5347385 | .5019805 | 10.11292 | .5502892 | .5063701 |
| #3 | .5182035 | .5286964 | .5012696 | 10.21658 | .5485050 | .5071072 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4953439 | 10.34324 | .5377142 | 6.225183 | .5153662 | .2476684 |
| Stddev | .0188414 | .09141   | .0055930 | .131177  | .0011326 | .0021007 |
| %RSD   | 3.803696 | .8837320 | 1.040145 | 2.107193 | .2197625 | .8481806 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5075821 | 10.38469 | .5437723 | 6.333317 | .5166226 | .2500775 |
| #2 | .4736471 | 10.40658 | .5327471 | 6.262972 | .5150524 | .2462192 |
| #3 | .5048027 | 10.23846 | .5366231 | 6.079260 | .5144236 | .2467083 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.35818 | .5140353 | .9468246 | 9.172970 | F .0001987 | F -.018514 |
| Stddev | .08303   | .0167179 | .0038610 | .214650  | .0015950   | .003559    |
| %RSD   | .8015656 | 3.252285 | .4077866 | 2.340025 | 802.8371   | 19.22587   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.41849 | .5333166 | .9495476 | 9.262558 | .0020025 | -.020546 |
| #2 | 10.39257 | .5035808 | .9424059 | 9.328314 | -.001025 | -.014404 |
| #3 | 10.26348 | .5052086 | .9485204 | 8.928039 | -.000381 | -.020592 |

Sample Name: ICV051      Acquired: 01/03/2025 13:04:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV051      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0007138 | F .0017593 | F .0011466 | F -.000558 | F .0001971 | F -.009303 |
| Stddev | .0000815   | .0037057   | .0014510   | .001580    | .0016027   | .000173    |
| %RSD   | 11.42263   | 210.6430   | 126.5497   | 283.2711   | 813.1978   | 1.855027   |
| #1     | .0006811   | -.002456   | .0027984   | .000025    | .0020262   | -.009257   |
| #2     | .0006536   | .003232    | .0005638   | .000648    | -.000961   | -.009158   |
| #3     | .0008066   | .004503    | .0000776   | -.002346   | -.000474   | -.009494   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0107418 |
| Stddev | .0035811   |
| %RSD   | 33.33813   |
| #1     | .0066452   |
| #2     | .0132779   |
| #3     | .0123023   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1827.928 | 18579.01 | 1819.376 | 1371.695 | 2011.115 |
| Stddev    | 3.347    | 129.75   | 17.681   | 9.916    | 1.243    |
| %RSD      | .1830786 | .6983698 | .9718325 | .7229208 | .0617882 |
| #1        | 1828.681 | 18430.85 | 1803.870 | 1360.276 | 2011.275 |
| #2        | 1830.834 | 18633.85 | 1815.628 | 1378.141 | 2012.269 |
| #3        | 1824.269 | 18672.35 | 1838.631 | 1376.669 | 2009.800 |

Sample Name: ICB051      Acquired: 01/03/2025 13:08:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001678 | -.000540 | -.003326 | .0020707 | .0010064 | .0159920 |
| Stddev | .001402  | .005331  | .001558  | .0119618 | .0017427 | .0135202 |
| %RSD   | 83.51609 | 987.5499 | 46.84722 | 577.6809 | 173.1600 | 84.54358 |
| #1     | -.002770 | .001577  | -.002417 | -.011233 | -.000471 | .0266014 |
| #2     | -.002166 | .003408  | -.005126 | .011938  | .000563  | .0206057 |
| #3     | -.000098 | -.006604 | -.002437 | .005507  | .002928  | .0007688 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002780 | -.000086 | .0000569 | -.029325 | -.000664 | -.000321 |
| Stddev | .001158  | .000246  | .0000937 | .025924  | .000896  | .000282  |
| %RSD   | 41.65419 | 284.9883 | 164.8110 | 88.40165 | 134.8524 | 87.64895 |
| #1     | -.001448 | .000194  | .0001246 | -.038552 | -.001488 | -.000448 |
| #2     | -.003347 | -.000267 | -.000050 | -.049372 | -.000794 | -.000518 |
| #3     | -.003546 | -.000185 | .000096  | -.000050 | .000289  | .000001  |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001843 | -.014824 | .0009410 | -.203380 | -.000523 | .0005124 |
| Stddev | .001506  | .026210  | .0010680 | .012513  | .001038  | .0002923 |
| %RSD   | 81.69471 | 176.8063 | 113.5021 | 6.152678 | 198.6388 | 57.05547 |
| #1     | -.000114 | .010669  | -.000204 | -.193495 | .000676  | .0001924 |
| #2     | -.002550 | -.013444 | .001910  | -.217449 | -.001117 | .0007655 |
| #3     | -.002865 | -.041698 | .001117  | -.199196 | -.001127 | .0005792 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0542194 | .0002697 | -.000697 | .2552889 | .0017364 | .0022724 |
| Stddev | .0261786 | .0066870 | .000873  | .1455996 | .0027666 | .0015308 |
| %RSD   | 48.28277 | 2479.452 | 125.2438 | 57.03327 | 159.3314 | 67.36654 |
| #1     | .0786614 | -.006387 | .000310  | .2890208 | -.000922 | .0039886 |
| #2     | .0574016 | .000209  | -.001155 | .0957840 | .004600  | .0010476 |
| #3     | .0265951 | .006987  | -.001246 | .3810619 | .001532  | .0017809 |



Sample Name: ICB051      Acquired: 01/03/2025 13:08:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000004 | -.009380 | -.000948 | -.001624 | -.007239 | -.000293 |
| Stddev | .000378  | .000532  | .000819  | .001830  | .007378  | .000206  |
| %RSD   | 9111.552 | 5.673457 | 86.38896 | 112.7436 | 101.9213 | 70.35167 |
| #1     | .000323  | -.009789 | -.000039 | -.003079 | -.006387 | -.000056 |
| #2     | -.000418 | -.009572 | -.001176 | -.002223 | -.000324 | -.000392 |
| #3     | .000083  | -.008778 | -.001629 | .000432  | -.015006 | -.000431 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0156638 |
| Stddev | .0032264   |
| %RSD   | 20.59781   |
| #1     | .0192310   |
| #2     | .0129497   |
| #3     | .0148105   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1820.013 | 18635.04 | 1813.771 | 1371.427 | 2022.737 |
| Stddev    | 5.651    | 35.45    | 6.025    | 2.752    | 6.694    |
| %RSD      | .3104649 | .1902292 | .3321910 | .2006578 | .3309291 |
| #1        | 1824.133 | 18606.14 | 1806.814 | 1369.703 | 2029.871 |
| #2        | 1822.334 | 18674.60 | 1817.309 | 1374.601 | 2021.748 |
| #3        | 1813.572 | 18624.40 | 1817.190 | 1369.978 | 2016.593 |

Sample Name: ICSA051      Acquired: 01/03/2025 13:12:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074544 | .0031927 | -.000350 | .0169467 | .0233405 | 244.8810 |
| Stddev | .0028776 | .0010692 | .002556  | .0045644 | .0074442 | .5007    |
| %RSD   | 38.60308 | 33.48892 | 730.1681 | 26.93388 | 31.89368 | .2044758 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0082358 | .0019621 | .002397  | .0220975 | .0313350 | 244.6140 |
| #2 | .0098607 | .0038943 | -.002658 | .0153383 | .0166080 | 245.4586 |
| #3 | .0042668 | .0037217 | -.000789 | .0134042 | .0220785 | 244.5703 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041890 | .0019645 | .0021107 | 252.3211 | .0534663 | .0363422 |
| Stddev | .0029083 | .0000934 | .0001189 | .7491    | .0002414 | .0004795 |
| %RSD   | 69.42647 | 4.751618 | 5.631994 | .2968848 | .4514145 | 1.319545 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008918 | .0018814 | .0022029 | 252.8266 | .0532529 | .0365528 |
| #2 | .0063891 | .0019468 | .0021527 | 252.6763 | .0534179 | .0366804 |
| #3 | .0052860 | .0020655 | .0019766 | 251.4605 | .0537282 | .0357934 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000283 | 102.0354 | .0044010 | 264.1299 | .0018849 | -.006753 |
| Stddev | .005782  | .5953    | .0018022 | 1.4337   | .0010950 | .000927  |
| %RSD   | 2040.190 | .5834603 | 40.94927 | .5428190 | 58.09576 | 13.72872 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .005084  | 101.5976 | .0062082 | 263.6457 | .0027456 | -.007350 |
| #2 | .000473  | 102.7133 | .0043909 | 265.7431 | .0006524 | -.005685 |
| #3 | -.006407 | 101.7954 | .0026039 | 263.0009 | .0022566 | -.007224 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2071856 | .0017684 | -.032666 | .0861641 | .0071669 | F -.219530 |
| Stddev | .0209173 | .0085567 | .000985  | .0735077 | .0062138 | .001848    |
| %RSD   | 10.09591 | 483.8631 | 3.015075 | 85.31120 | 86.70161 | .8418727   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2007468 | -.004086 | -.032418 | .0309454 | .0042483 | -.220731 |
| #2 | .2305653 | .011588  | -.033752 | .0579475 | .0029497 | -.220458 |
| #3 | .1902446 | -.002197 | -.031830 | .1695996 | .0143027 | -.217402 |

Sample Name: ICSA051      Acquired: 01/03/2025 13:12:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0081297 | .0138816 | -.001839 | F .0111155 | -.004819 | .0064564 |
| Stddev | .0005213 | .0104981 | .001419  | .0039043   | .004548  | .0007771 |
| %RSD   | 6.412075 | 75.62620 | 77.17797 | 35.12515   | 94.37831 | 12.03555 |
| #1     | .0076981 | .0094780 | -.001027 | .0095089   | -.002040 | .0073255 |
| #2     | .0087089 | .0063024 | -.001013 | .0155668   | -.010067 | .0058286 |
| #3     | .0079820 | .0258644 | -.003478 | .0082708   | -.002349 | .0062152 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.001568 |
| Stddev | .001975  |
| %RSD   | 125.9578 |
| #1     | -.003410 |
| #2     | -.001812 |
| #3     | .000518  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1692.588 | 17180.64 | 1728.607 | 1266.222 | 1760.400 |
| Stddev    | .918     | 67.10    | 13.037   | 8.884    | 1.596    |
| %RSD      | .0542317 | .3905779 | .7541819 | .7015793 | .0906691 |
| #1        | 1693.348 | 17103.58 | 1714.526 | 1259.510 | 1760.454 |
| #2        | 1692.848 | 17226.22 | 1731.039 | 1262.861 | 1761.968 |
| #3        | 1691.568 | 17212.11 | 1740.257 | 1276.296 | 1758.777 |

Sample Name: ICSAB051      Acquired: 01/03/2025 13:30:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1105540 | .1052969 | .0544834 | .0735933 | .5945946 | 230.8458 |
| Stddev | .0080456 | .0065868 | .0033071 | .0050908 | .0044290 | .9807    |
| %RSD   | 7.277566 | 6.255427 | 6.069845 | 6.917484 | .7448683 | .4248267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1162164 | .1127920 | .0528712 | .0783855 | .5996829 | 231.6659 |
| #2 | .1013443 | .1004300 | .0522917 | .0682490 | .5916061 | 231.1121 |
| #3 | .1141014 | .1026687 | .0582874 | .0741455 | .5924947 | 229.7595 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5441400 | .5552487 | 1.055092 | 239.6750 | .6124890 | .5427696 |
| Stddev | .0018021 | .0023227 | .001014  | .2022    | .0026829 | .0003458 |
| %RSD   | .3311800 | .4183199 | .0961180 | .0843463 | .4380385 | .0637054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5445500 | .5579299 | 1.055829 | 239.8271 | .6129932 | .5431115 |
| #2 | .5457018 | .5538496 | 1.053936 | 239.7523 | .6148840 | .5424201 |
| #3 | .5421683 | .5539665 | 1.055512 | 239.4456 | .6095897 | .5427771 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4890100 | 96.76802 | .5454623 | 249.7248 | 1.038176 | .2026830 |
| Stddev | .0128040 | .37460   | .0018664 | 1.2368   | .001052  | .0007037 |
| %RSD   | 2.618346 | .3871141 | .3421752 | .4952697 | .1013504 | .3471667 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4819625 | 97.03379 | .5475985 | 250.7535 | 1.037403 | .2018753 |
| #2 | .5037895 | 96.93069 | .5446414 | 250.0684 | 1.039374 | .2030101 |
| #3 | .4812781 | 96.33958 | .5441470 | 248.3525 | 1.037750 | .2031635 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2104516 | .5378842 | .9708969 | -.223013 | .0043904 | F -.219165 |
| Stddev | .0208074 | .0171337 | .0045171 | .120993  | .0020025 | .005399    |
| %RSD   | 9.887017 | 3.185393 | .4652503 | 54.25390 | 45.61145 | 2.463546   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2333080 | .5576102 | .9756062 | -.114204 | .0020830 | -.220218 |
| #2 | .2054371 | .5267063 | .9666004 | -.201524 | .0054133 | -.223960 |
| #3 | .1926097 | .5293361 | .9704840 | -.353311 | .0056749 | -.213317 |

Sample Name: ICSAB051      Acquired: 01/03/2025 13:30:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0086263 | .0182254 | .0009593 | F .0123274 | -.008717 | .0065345 |
| Stddev | .0004469 | .0042271 | .0020325 | .0025319   | .003474  | .0006708 |
| %RSD   | 5.180852 | 23.19328 | 211.8658 | 20.53885   | 39.85083 | 10.26592 |
| #1     | .0087816 | .0223269 | -.000795 | .0150875   | -.006967 | .0072819 |
| #2     | .0089748 | .0138830 | .000487  | .0101125   | -.006466 | .0059844 |
| #3     | .0081224 | .0184663 | .003186  | .0117823   | -.012717 | .0063373 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.005403 |
| Stddev | .002291  |
| %RSD   | 42.40050 |
| #1     | -.007739 |
| #2     | -.005307 |
| #3     | -.003161 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1709.771 | 17271.25 | 1745.795 | 1280.182 | 1779.074 |
| Stddev    | 1.419    | 10.56    | 7.348    | 2.108    | 4.179    |
| %RSD      | .0830215 | .0611155 | .4208926 | .1646849 | .2348716 |
| #1        | 1708.202 | 17269.46 | 1737.318 | 1277.764 | 1775.207 |
| #2        | 1710.143 | 17261.71 | 1749.733 | 1281.637 | 1783.507 |
| #3        | 1710.967 | 17282.59 | 1750.335 | 1281.144 | 1778.507 |

Sample Name: CCV100      Acquired: 01/03/2025 13:34:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV100      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.986542 | 4.888869 | 24.96035 | 4.959169 | 4.936823 | 409.8822 | 10.29827 |
| Stddev | .021184  | .014230  | .03067   | .009875  | .008344  | 2.0706   | .02405   |
| %RSD   | .4248263 | .2910782 | .1228653 | .1991356 | .1690088 | .5051680 | .2335037 |
| #1     | 5.010969 | 4.904279 | 24.99569 | 4.969753 | 4.940028 | 412.2683 | 10.32410 |
| #2     | 4.973209 | 4.876223 | 24.94460 | 4.950201 | 4.943089 | 408.5579 | 10.29418 |
| #3     | 4.975449 | 4.886106 | 24.94076 | 4.957552 | 4.927352 | 408.8204 | 10.27653 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5159455 | 2.506042 | 414.1373 | 15.76837 | 2.524426 | 15.47551 | 413.9884 |
| Stddev | .0018574 | .004692  | 1.1884   | .00939   | .004612  | .07478   | 1.5830   |
| %RSD   | .3599902 | .1872386 | .2869548 | .0595784 | .1826846 | .4832305 | .3823762 |
| #1     | .5166609 | 2.511041 | 415.4750 | 15.75756 | 2.528553 | 15.55762 | 415.8040 |
| #2     | .5173387 | 2.501733 | 413.7337 | 15.77307 | 2.519448 | 15.45759 | 413.2635 |
| #3     | .5138368 | 2.505353 | 413.2034 | 15.77449 | 2.525278 | 15.41131 | 412.8977 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.39325 | 412.7765 | 2.526445 | 1.272928 | 415.9639 | 2.588262 | 15.03302 |
| Stddev | .08296   | .7637    | .002099  | .004559  | .6968    | .010486  | .07294   |
| %RSD   | .5389299 | .1850042 | .0830893 | .3581761 | .1675212 | .4051173 | .4851728 |
| #1     | 15.48847 | 413.5144 | 2.528868 | 1.272814 | 416.6049 | 2.576922 | 14.95422 |
| #2     | 15.35473 | 411.9895 | 2.525184 | 1.277543 | 416.0648 | 2.590257 | 15.04667 |
| #3     | 15.33656 | 412.8257 | 2.525282 | 1.268426 | 415.2222 | 2.597606 | 15.09816 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.3900 | 4.973658 | 4.525969 | 4.904945 | 5.015445 | 5.096419 | 5.047130 |
| Stddev | .5998    | .013484  | .008418  | .003580  | .011632  | .012706  | .005707  |
| %RSD   | .3810702 | .2710985 | .1859825 | .0729829 | .2319246 | .2493104 | .1130646 |
| #1     | 157.9709 | 4.978503 | 4.534763 | 4.907976 | 5.025276 | 5.089665 | 5.053592 |
| #2     | 157.4261 | 4.984049 | 4.525156 | 4.905863 | 5.002604 | 5.111075 | 5.042784 |
| #3     | 156.7730 | 4.958421 | 4.517987 | 4.900996 | 5.018455 | 5.088516 | 5.045013 |

Sample Name: CCV100      Acquired: 01/03/2025 13:34:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV100      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.155402 | 4.904750 | 5.130397 |
| Stddev | .033260  | .024801  | .005420  |
| %RSD   | .6451533 | .5056618 | .1056432 |
| #1     | 5.191528 | 4.932799 | 5.136491 |
| #2     | 5.148626 | 4.895734 | 5.126117 |
| #3     | 5.126051 | 4.885718 | 5.128584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1513.393 | 16280.49 | 1677.318 | 1115.052 | 1626.775 |
| Stddev    | 2.244    | 51.21    | 7.334    | .185     | 3.115    |
| %RSD      | .1482801 | .3145708 | .4372331 | .0165880 | .1914730 |
| #1        | 1514.556 | 16224.38 | 1670.440 | 1115.177 | 1627.064 |
| #2        | 1514.817 | 16292.37 | 1676.479 | 1115.139 | 1629.735 |
| #3        | 1510.807 | 16324.72 | 1685.036 | 1114.839 | 1623.525 |

Sample Name: CCB100      Acquired: 01/03/2025 13:37:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB100      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001673 | -.000109 | -.001720 | -.001678 | .0011823 | .0043281 | -.005963 |
| Stddev | .001996  | .002282  | .001178  | .005821  | .0020692 | .0369288 | .002205  |
| %RSD   | 119.2523 | 2100.830 | 68.48507 | 346.8483 | 175.0116 | 853.2392 | 36.97314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000375  | .002349  | -.003023 | -.005494 | .0019486 | .0468252 | -.007397 |
| #2 | -.001783 | -.002162 | -.000731 | -.004561 | -.001161 | -.013883 | -.003424 |
| #3 | -.003612 | -.000513 | -.001405 | .005021  | .002759  | -.019958 | -.007068 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000062 | -.000056 | -.054609 | .0005948 | -.000125 | -.005152 | -.011386 |
| Stddev | .000108  | .000080  | .062180  | .0003527 | .000141  | .002911  | .044593  |
| %RSD   | 174.0617 | 142.9535 | 113.8630 | 59.30461 | 113.4247 | 56.49256 | 391.6566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000048  | -.000045 | -.105681 | .0009925 | -.000184 | -.007033 | .017063  |
| #2 | -.000066 | -.000142 | .014631  | .0004720 | .000037  | -.001800 | .011559  |
| #3 | -.000168 | .000018  | -.072779 | .0003199 | -.000227 | -.006624 | -.062780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000100 | -.066178 | -.001313 | .0004146 | .0296641 | .0041681 | -.001602 |
| Stddev | .001889  | .089846  | .000687  | .0006153 | .0316405 | .0169984 | .000202  |
| %RSD   | 1898.503 | 135.7641 | 52.31042 | 148.3967 | 106.6627 | 407.8167 | 12.62427 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000635  | .023991  | -.000704 | .0005626 | .0602277 | -.014529 | -.001382 |
| #2 | .001312  | -.155698 | -.001177 | .0009425 | .0317180 | .008343  | -.001645 |
| #3 | -.002246 | -.066828 | -.002058 | -.000261 | -.002953 | .018690  | -.001779 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1852553 | -.001183 | .0113102 | .0001302 | -.009330 | .0001185 | -.000501 |
| Stddev | .2963684 | .002583  | .0028380 | .0005292 | .002434  | .0010695 | .000370  |
| %RSD   | 159.9784 | 218.4345 | 25.09257 | 406.3843 | 26.08802 | 902.4208 | 73.81336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2568894 | -.003763 | .0124735 | .0001383 | -.009235 | .0009452 | -.000928 |
| #2 | .4392409 | .001404  | .0133817 | .0006553 | -.006945 | -.001089 | -.000269 |
| #3 | -.140365 | -.001190 | .0080754 | -.000403 | -.011810 | .000500  | -.000307 |



Sample Name: CCB100      Acquired: 01/03/2025 13:37:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB100      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002872 | -.000215 | .0009120 |
| Stddev | .000308  | .000142  | .0009635 |
| %RSD   | 10.73001 | 66.00238 | 105.6438 |
| #1     | -.002846 | -.000163 | -.000184 |
| #2     | -.003193 | -.000106 | .001625  |
| #3     | -.002578 | -.000375 | .001295  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1832.373 | 18733.64 | 1824.587 | 1384.055 | 2038.329 |
| Stddev    | 2.951    | 99.02    | 10.851   | 5.080    | 1.184    |
| %RSD      | .1610259 | .5285894 | .5947188 | .3670705 | .0581008 |
| #1        | 1835.752 | 18620.28 | 1824.262 | 1378.224 | 2037.168 |
| #2        | 1830.303 | 18803.24 | 1813.902 | 1386.420 | 2039.535 |
| #3        | 1831.066 | 18777.42 | 1835.597 | 1387.523 | 2038.286 |

Sample Name: PB165852BL      Acquired: 01/03/2025 13:42:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS852      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037663 | .0006222 | -.001517 | .0047876 | .0011304 | .0006822 | -.001840 |
| Stddev | .0036811 | .0006579 | .000459  | .0035549 | .0030864 | .0365169 | .001057  |
| %RSD   | 97.73913 | 105.7340 | 30.24262 | 74.25247 | 273.0374 | 5352.980 | 57.47859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073179 | .0013428 | -.001089 | .0048024 | .0028365 | .0201295 | -.000661 |
| #2 | -.000032 | .0004705 | -.002001 | .0012253 | -.002432 | -.041443 | -.002152 |
| #3 | .004013  | .0000534 | -.001461 | .0083350 | .002987  | .023360  | -.002706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001204 | .0000162 | -.066570 | -.000764 | -.000122 | .0001484 | .0172846 |
| Stddev | .0001137 | .0000757 | .045542  | .000467  | .000559  | .0008256 | .0108082 |
| %RSD   | 94.43201 | 466.3137 | 68.41177 | 61.13512 | 460.0232 | 556.5042 | 62.53072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002015 | -.000010 | -.050597 | -.000955 | .000198  | .0009089 | .0093394 |
| #2 | .0001692 | -.000043 | -.031167 | -.001105 | .000205  | -.000730 | .0129223 |
| #3 | -.000010 | .000101  | -.117946 | -.000232 | -.000767 | .000266  | .0295922 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000866 | -.040454 | -.000709 | .0000172 | -.006236 | .0030196 | -.000342 |
| Stddev | .0020389 | .110406  | .000828  | .0011003 | .013062  | .0095672 | .000098  |
| %RSD   | 2353.598 | 272.9208 | 116.7753 | 6395.401 | 209.4542 | 316.8316 | 28.65628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011814 | .016969  | -.000590 | -.000932 | -.009859 | -.000010 | -.000367 |
| #2 | .0013443 | .029408  | -.001589 | -.000239 | .008255  | -.004666 | -.000425 |
| #3 | -.002266 | -.167737 | .000053  | .001223  | -.017103 | .013735  | -.000234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0937974 | .0041862 | .0011967 | -.000397 | -.014803 | -.002279 | -.001164 |
| Stddev | .2338474 | .0030986 | .0033432 | .000526  | .003329  | .000222  | .000959  |
| %RSD   | 249.3112 | 74.01978 | 279.3636 | 132.4196 | 22.49207 | 9.733178 | 82.41282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1938777 | .0007447 | .0022868 | -.000508 | -.018530 | -.002094 | -.001672 |
| #2 | .2609497 | .0050593 | -.002555 | .000175  | -.012123 | -.002218 | -.001761 |
| #3 | -.173435 | .0067545 | .003859  | -.000858 | -.013755 | -.002525 | -.000057 |

Sample Name: PB165852BL      Acquired: 01/03/2025 13:42:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS852      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.008980 | -.000218 | -.004448 |
| Stddev | .003964  | .000238  | .003409  |
| %RSD   | 44.14217 | 109.2675 | 76.64680 |
| #1     | -.012598 | -.000355 | -.008035 |
| #2     | -.009599 | -.000356 | -.001250 |
| #3     | -.004743 | .000057  | -.004058 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1829.139 | 18690.37 | 1820.079 | 1372.637 | 2033.793 |
| Stddev    | .681     | 20.81    | 4.763    | 2.285    | 3.489    |
| %RSD      | .0372424 | .1113499 | .2616869 | .1664422 | .1715561 |
| #1        | 1828.526 | 18675.20 | 1814.928 | 1371.277 | 2031.371 |
| #2        | 1829.873 | 18681.82 | 1824.323 | 1375.275 | 2037.792 |
| #3        | 1829.020 | 18714.09 | 1820.988 | 1371.360 | 2032.216 |

Sample Name: PB165852BS      Acquired: 01/03/2025 13:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS852      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0250250 | .0518862 | .0157661 | .0594546 | .1105526 | .3988026 |
| Stddev | .0041921 | .0020297 | .0015937 | .0045048 | .0013525 | .0600675 |
| %RSD   | 16.75158 | 3.911763 | 10.10853 | 7.576796 | 1.223423 | 15.06195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0225822 | .0532774 | .0175515 | .0645941 | .1114249 | .3379441 |
| #2 | .0298656 | .0495572 | .0152597 | .0575792 | .1089945 | .4004174 |
| #3 | .0226274 | .0528241 | .0144871 | .0561906 | .1112383 | .4580464 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4003362 | .0105701 | .0097297 | 9.988173 | .0204020 | .1001975 |
| Stddev | .0021663 | .0000230 | .0000123 | .084163  | .0003443 | .0002855 |
| %RSD   | .5411200 | .2173352 | .1268051 | .8426285 | 1.687662 | .2849299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4028335 | .0105966 | .0097304 | 9.894825 | .0204993 | .0999532 |
| #2 | .3992113 | .0105553 | .0097171 | 10.01144 | .0200195 | .1001279 |
| #3 | .3989637 | .0105585 | .0097417 | 10.05826 | .0206872 | .1005113 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0502458 | .2231042 | .0313630 | 10.36965 | .0773147 | .0197099 |
| Stddev | .0091431 | .0269094 | .0012290 | .07067   | .0007438 | .0001884 |
| %RSD   | 18.19669 | 12.06136 | 3.918549 | .6815015 | .9620995 | .9557383 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0566011 | .1982645 | .0299499 | 10.29705 | .0767018 | .0198989 |
| #2 | .0543690 | .2516906 | .0321826 | 10.43822 | .0771001 | .0197085 |
| #3 | .0397672 | .2193575 | .0319564 | 10.37368 | .0781423 | .0195222 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.503226 | .0940941 | .1157011 | 9.373038 | .0184724 | F -.001123 |
| Stddev | .037973  | .0119299 | .0006724 | .112839  | .0041228 | .001484    |
| %RSD   | .5060839 | 12.67871 | .5811491 | 1.203873 | 22.31891 | 132.1102   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.547072 | .1048238 | .1162108 | 9.487120 | .0171592 | -.002757 |
| #2 | 7.481442 | .0962111 | .1149390 | 9.261484 | .0151661 | -.000752 |
| #3 | 7.481163 | .0812474 | .1159535 | 9.370511 | .0230918 | .000140  |

Sample Name: PB165852BS      Acquired: 01/03/2025 13:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS852      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0197065 | .1681094 | F .4872956 | .0121342 | .1981951 | .2098052 |
| Stddev | .0007934 | .0039046 | .0012669   | .0005946 | .0041570 | .0004595 |
| %RSD   | 4.026101 | 2.322655 | .2599880   | 4.899934 | 2.097422 | .2189954 |
| #1     | .0202328 | .1721535 | .4871023   | .0127934 | .2019885 | .2094059 |
| #2     | .0187940 | .1678133 | .4861365   | .0119711 | .1937512 | .2097023 |
| #3     | .0200929 | .1643612 | .4886481   | .0116383 | .1988456 | .2103074 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0252894 |
| Stddev | .0040789 |
| %RSD   | 16.12885 |
| #1     | .0298455 |
| #2     | .0219776 |
| #3     | .0240450 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1818.570 | 18354.06 | 1800.244 | 1357.495 | 2014.601 |
| Stddev    | 2.965    | 5.86     | 2.906    | 2.364    | 3.055    |
| %RSD      | .1630611 | .0319269 | .1614237 | .1741272 | .1516552 |
| #1        | 1816.884 | 18347.50 | 1801.732 | 1357.068 | 2011.727 |
| #2        | 1821.994 | 18355.87 | 1796.895 | 1355.374 | 2017.810 |
| #3        | 1816.831 | 18358.79 | 1802.104 | 1360.043 | 2014.266 |

Sample Name: PB165860BL      Acquired: 01/03/2025 13:50:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS860      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019130 | -.001470 | -.004329 | .0003007 | .0014815 | .0138906 | .0008215 |
| Stddev | .0023410 | .004553  | .001458  | .0061589 | .0032747 | .0134101 | .0036393 |
| %RSD   | 122.3757 | 309.7723 | 33.68230 | 2048.229 | 221.0437 | 96.54137 | 443.0249 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004311 | .002598  | -.003251 | -.005587 | .0015450 | .0293753 | .0048148 |
| #2 | .0006960 | -.006389 | -.005989 | .006699  | .0047240 | .0061656 | -.002309 |
| #3 | .0046119 | -.000619 | -.003749 | -.000210 | -.001825 | .0061308 | -.000042 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000119 | .0000148 | -.062357 | -.000153 | -.000137 | .0026251 | .0327388 |
| Stddev | .000117  | .0001146 | .006475  | .000324  | .000323  | .0094465 | .0176262 |
| %RSD   | 97.74664 | 772.5520 | 10.38335 | 211.3306 | 235.9532 | 359.8527 | 53.83888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000161 | -.000110 | -.066170 | .000105  | -.000482 | -.003388 | .0288588 |
| #2 | .000012  | .000040  | -.054881 | -.000517 | .000158  | -.002250 | .0519818 |
| #3 | -.000210 | .000115  | -.066020 | -.000049 | -.000087 | .013513  | .0173759 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002707 | -.150011 | .0001080 | .0014815 | -.005553 | -.002012 | -.000217 |
| Stddev | .0008248 | .151300  | .0000723 | .0010095 | .028111  | .016189  | .000533  |
| %RSD   | 304.6645 | 100.8591 | 66.95756 | 68.14452 | 506.2711 | 804.7698 | 245.5462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008751 | -.324285 | .0001913 | .0006726 | -.037957 | -.020138 | -.000089 |
| #2 | -.000669 | -.052233 | .0000714 | .0011589 | .012287  | .011006  | -.000803 |
| #3 | .000606  | -.073516 | .0000613 | .0026128 | .009012  | .003097  | .000240  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0821578 | -.002990 | -.002805 | -.000524 | -.007115 | -.000941 | -.000561 |
| Stddev | .1998575 | .002523  | .001905  | .000966  | .000988  | .000699  | .001343  |
| %RSD   | 243.2604 | 84.39956 | 67.91559 | 184.3627 | 13.88060 | 74.22252 | 239.5626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2209570 | -.000088 | -.003589 | .000349  | -.007786 | -.001385 | -.000499 |
| #2 | -.146911 | -.004670 | -.004193 | -.001562 | -.007578 | -.000136 | -.001934 |
| #3 | .172427  | -.004211 | -.000633 | -.000359 | -.005981 | -.001303 | .000751  |

Sample Name: PB165860BL      Acquired: 01/03/2025 13:50:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS860      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003543 | -.000290 | -.007045 |
| Stddev | .003927  | .000146  | .002857  |
| %RSD   | 110.8506 | 50.46603 | 40.55214 |
| #1     | -.008018 | -.000132 | -.004593 |
| #2     | -.001941 | -.000318 | -.006360 |
| #3     | -.000670 | -.000421 | -.010182 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1822.483 | 18456.07 | 1818.392 | 1370.460 | 2018.780 |
| Stddev    | 4.598    | 24.38    | 7.214    | 8.296    | 2.542    |
| %RSD      | .2522965 | .1321130 | .3967109 | .6053716 | .1259367 |
| #1        | 1826.273 | 18429.68 | 1817.951 | 1360.881 | 2019.225 |
| #2        | 1817.368 | 18477.76 | 1811.409 | 1375.349 | 2016.044 |
| #3        | 1823.807 | 18460.78 | 1825.816 | 1375.150 | 2021.070 |

Sample Name: PB165861BL      Acquired: 01/03/2025 13:58:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS861      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018887 | .0006285 | -.001874 | .0024279 | .0008751 | .0094990 | -.000254 |
| Stddev | .0022029 | .0018584 | .001880  | .0037931 | .0035719 | .0318746 | .005352  |
| %RSD   | 116.6329 | 295.6639 | 100.2851 | 156.2292 | 408.1533 | 335.5583 | 2104.490 |
| #1     | .0027767 | .0025859 | -.001550 | -.001620 | .0023139 | .0348138 | .005917  |
| #2     | .0035091 | -.001112 | -.003895 | .005901  | -.003192 | -.026296 | -.003625 |
| #3     | -.000620 | .000412  | -.000178 | .003003  | .003503  | .019979  | -.003055 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000334 | -.000044 | -.031025 | -.000153 | -.000385 | -.012164 | -.010027 |
| Stddev | .0000204 | .000074  | .031703  | .000477  | .000403  | .008894  | .035932  |
| %RSD   | 61.03721 | 167.1007 | 102.1860 | 312.1413 | 104.6443 | 73.12060 | 358.3327 |
| #1     | .0000533 | -.000001 | -.039845 | -.000704 | .000046  | -.013301 | -.038345 |
| #2     | .0000344 | -.000002 | .004154  | .000117  | -.000449 | -.020435 | -.022130 |
| #3     | .0000126 | -.000130 | -.057384 | .000129  | -.000752 | -.002756 | .030393  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006743 | -.121367 | .0000944 | .0011024 | -.001239 | .0044215 | -.000371 |
| Stddev | .0008268 | .132425  | .0003490 | .0011685 | .006994  | .0040341 | .000115  |
| %RSD   | 122.6211 | 109.1112 | 369.8074 | 106.0005 | 564.3448 | 91.23721 | 31.06509 |
| #1     | -.000130 | -.045836 | .0002309 | .0003400 | .005421  | .0077193 | -.000495 |
| #2     | .001522  | -.274274 | -.000302 | .0024477 | -.000614 | -.000076 | -.000267 |
| #3     | .000631  | -.043990 | .000355  | .0005194 | -.008525 | .005622  | -.000352 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.163308 | -.002702 | -.002315 | -.000444 | -.010022 | -.000348 | -.000382 |
| Stddev | .287078  | .001975  | .001276  | .000543  | .002846  | .001686  | .001533  |
| %RSD   | 175.7894 | 73.07371 | 55.09868 | 122.3213 | 28.39921 | 484.1239 | 401.8829 |
| #1     | -.026963 | -.000756 | -.002795 | -.000566 | -.009709 | -.000188 | .001334  |
| #2     | -.493151 | -.002648 | -.000869 | .000150  | -.013012 | .001252  | -.000858 |
| #3     | .030190  | -.004704 | -.003281 | -.000917 | -.007345 | -.002108 | -.001620 |



Sample Name: PB165861BL      Acquired: 01/03/2025 13:58:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS861      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005132 | -.000347 | -.008406 |
| Stddev | .010249  | .000529  | .001737  |
| %RSD   | 199.7020 | 152.4971 | 20.66167 |
| #1     | -.012895 | .000197  | -.006918 |
| #2     | .006486  | -.000378 | -.010314 |
| #3     | -.008988 | -.000859 | -.007986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1828.715 | 18458.90 | 1819.945 | 1371.574 | 2025.503 |
| Stddev    | 2.200    | 28.51    | 5.342    | 9.817    | 1.686    |
| %RSD      | .1202984 | .1544278 | .2935020 | .7157297 | .0832574 |
| #1        | 1827.343 | 18468.38 | 1818.322 | 1381.209 | 2026.567 |
| #2        | 1827.550 | 18426.87 | 1825.910 | 1361.585 | 2023.559 |
| #3        | 1831.252 | 18481.46 | 1815.603 | 1371.927 | 2026.384 |

Sample Name: PB165860BS      Acquired: 01/03/2025 14:02:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS860      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0193195 | .0492350 | .0163697 | .0612387 | .1049310 | .3831966   |
| Stddev | .0023566 | .0032124 | .0037183 | .0014774 | .0023419 | .0383136   |
| %RSD   | 12.19812 | 6.524680 | 22.71474 | 2.412576 | 2.231805 | 9.998427   |
| #1     | .0171396 | .0470602 | .0142344 | .0623174 | .1030004 | .3557476   |
| #2     | .0218200 | .0529248 | .0206633 | .0618440 | .1075361 | .4269685   |
| #3     | .0189989 | .0477201 | .0142115 | .0595547 | .1042565 | .3668736   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .3896520 | .0101830 | .0094183 | 9.846625 | .0202288 | .0969317   |
| Stddev | .0031118 | .0001771 | .0001501 | .056521  | .0009897 | .0003192   |
| %RSD   | .7986004 | 1.739516 | 1.593584 | .5740187 | 4.892683 | .3293569   |
| #1     | .3915122 | .0100284 | .0094295 | 9.904793 | .0213623 | .0970440   |
| #2     | .3860596 | .0101443 | .0092630 | 9.843176 | .0197879 | .0965714   |
| #3     | .3913841 | .0103763 | .0095625 | 9.791908 | .0195361 | .0971796   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0457529 | .1855780 | .0324484 | 10.09392 | .0753242 | .0203176   |
| Stddev | .0040047 | .0222975 | .0019845 | .08930   | .0008301 | .0006710   |
| %RSD   | 8.752791 | 12.01516 | 6.115858 | .8847360 | 1.102044 | 3.302533   |
| #1     | .0475997 | .2101065 | .0347178 | 10.17789 | .0761153 | .0208380   |
| #2     | .0485008 | .1800917 | .0310390 | 10.10376 | .0753972 | .0205544   |
| #3     | .0411581 | .1665358 | .0315883 | 10.00010 | .0744599 | .0195603   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.325321 | .1041099 | .1155368 | 8.960629 | .0176373 | F -.004256 |
| Stddev | .016844  | .0106574 | .0009398 | .122477  | .0016351 | .000549    |
| %RSD   | .2299479 | 10.23668 | .8133831 | 1.366835 | 9.270521 | 12.89914   |
| #1     | 7.336719 | .1164029 | .1149333 | 9.095491 | .0161202 | -.003997   |
| #2     | 7.305973 | .0984546 | .1166195 | 8.930072 | .0174226 | -.004887   |
| #3     | 7.333271 | .0974721 | .1150575 | 8.856323 | .0193692 | -.003885   |

Sample Name: PB165860BS      Acquired: 01/03/2025 14:02:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS860      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0195393 | .1644094 | F .4794011 | .0114457 | .1922740 | .2063134 |
| Stddev | .0006922 | .0022170 | .0006802   | .0021509 | .0044392 | .0007081 |
| %RSD   | 3.542550 | 1.348467 | .1418929   | 18.79216 | 2.308762 | .3432220 |
| #1     | .0195946 | .1631838 | .4795976   | .0134419 | .1947723 | .2071163 |
| #2     | .0188211 | .1630758 | .4799615   | .0117272 | .1871486 | .2060457 |
| #3     | .0202022 | .1669687 | .4786443   | .0091679 | .1949010 | .2057781 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0220965 |
| Stddev | .0035708 |
| %RSD   | 16.15987 |
| #1     | .0230173 |
| #2     | .0181555 |
| #3     | .0251166 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1804.212 | 18250.19 | 1797.329 | 1348.219 | 1999.843 |
| Stddev    | 4.713    | 120.46   | 10.041   | 7.670    | 7.620    |
| %RSD      | .2612361 | .6600644 | .5586411 | .5688699 | .3810326 |
| #1        | 1806.012 | 18126.55 | 1787.732 | 1351.024 | 2001.666 |
| #2        | 1807.759 | 18256.83 | 1796.494 | 1339.542 | 2006.387 |
| #3        | 1798.863 | 18367.20 | 1807.761 | 1354.092 | 1991.478 |

Sample Name: PB165861BS      Acquired: 01/03/2025 14:06:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS861      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0226678 | .0557892 | .0204420 | .0657766 | .1094461 | .4390022 |
| Stddev | .0035805 | .0005129 | .0031689 | .0047820 | .0007720 | .0109290 |
| %RSD   | 15.79538 | .9193454 | 15.50218 | 7.270085 | .7053771 | 2.489513 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0262553 | .0551979 | .0239848 | .0652854 | .1091194 | .4385687 |
| #2 | .0190944 | .0560558 | .0178779 | .0707852 | .1103277 | .4282964 |
| #3 | .0226536 | .0561138 | .0194631 | .0612591 | .1088911 | .4501415 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4046647 | .0106969 | .0097361 | 10.14209 | .0213897 | .1011931 |
| Stddev | .0028052 | .0001779 | .0001086 | .07096   | .0004931 | .0002976 |
| %RSD   | .6932181 | 1.662923 | 1.115515 | .6996672 | 2.305214 | .2941278 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4040035 | .0105585 | .0096523 | 10.21821 | .0219070 | .1008543 |
| #2 | .4077414 | .0106346 | .0096971 | 10.07777 | .0209251 | .1014124 |
| #3 | .4022491 | .0108975 | .0098588 | 10.13028 | .0213370 | .1013125 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0405516 | .1967667 | .0341002 | 10.56893 | .0779584 | .0210054 |
| Stddev | .0064968 | .0366466 | .0002488 | .07639   | .0007910 | .0018468 |
| %RSD   | 16.02117 | 18.62437 | .7297141 | .7227509 | 1.014613 | 8.791935 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0450679 | .2083815 | .0339993 | 10.65327 | .0788063 | .0210614 |
| #2 | .0434811 | .1557203 | .0343836 | 10.50439 | .0778282 | .0191312 |
| #3 | .0331059 | .2261985 | .0339176 | 10.54914 | .0772405 | .0228235 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.638022 | .1106441 | .1184398 | 9.524075 | .0186710 | F -.003657 |
| Stddev | .038568  | .0016318 | .0009836 | .293454  | .0002739 | .001839    |
| %RSD   | .5049415 | 1.474794 | .8304436 | 3.081178 | 1.466983 | 50.28037   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.671241 | .1103298 | .1176914 | 9.534691 | .0185640 | -.003237 |
| #2 | 7.595726 | .1091923 | .1180742 | 9.225458 | .0184667 | -.002065 |
| #3 | 7.647100 | .1124101 | .1195538 | 9.812077 | .0189822 | -.005670 |

Sample Name: PB165861BS      Acquired: 01/03/2025 14:06:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS861      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0195475 | .1737788 | F .4947446 | .0110611 | .1919551 | .2116770 |
| Stddev | .0005113 | .0045943 | .0007708   | .0025396 | .0035219 | .0011396 |
| %RSD   | 2.615757 | 2.643780 | .1558023   | 22.95972 | 1.834778 | .5383734 |
| #1     | .0190536 | .1764440 | .4947768   | .0093825 | .1930352 | .2128773 |
| #2     | .0200746 | .1684738 | .4954988   | .0098181 | .1948105 | .2106097 |
| #3     | .0195142 | .1764186 | .4939582   | .0139828 | .1880195 | .2115439 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0247382 |
| Stddev | .0004272 |
| %RSD   | 1.727061 |
| #1     | .0248481 |
| #2     | .0242668 |
| #3     | .0250998 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1802.775 | 18396.19 | 1796.447 | 1352.570 | 1995.434 |
| Stddev    | 1.194    | 93.09    | 10.733   | 2.710    | 4.093    |
| %RSD      | .0662077 | .5060309 | .5974361 | .2003299 | .2051050 |
| #1        | 1803.926 | 18291.88 | 1787.655 | 1350.344 | 1998.164 |
| #2        | 1802.856 | 18470.82 | 1808.407 | 1355.587 | 1997.409 |
| #3        | 1801.543 | 18425.86 | 1793.279 | 1351.778 | 1990.728 |

Sample Name: PB165841BL      Acquired: 01/03/2025 14:10:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS841      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009420 | -.003166 | -.002514 | .0039044 | -.000284 | -.018817 | -.000109 |
| Stddev | .0025760 | .001169  | .000811  | .0037483 | .002082  | .021439  | .001697  |
| %RSD   | 273.4756 | 36.92740 | 32.26335 | 96.00347 | 732.9619 | 113.9341 | 1550.724 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023287 | -.004112 | -.002638 | .0012322 | .001098  | -.008540 | -.000122 |
| #2 | .0025276 | -.003526 | -.001647 | .0081891 | .000729  | -.043460 | .001594  |
| #3 | -.002030 | -.001859 | -.003255 | .0022917 | -.002678 | -.004451 | -.001800 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000128 | -.000024 | -.076450 | -.000654 | -.000232 | -.006281 | -.010009 |
| Stddev | .000159  | .000133  | .062077  | .000801  | .000251  | .014241  | .088382  |
| %RSD   | 124.3000 | 560.5623 | 81.19884 | 122.4119 | 108.1974 | 226.7412 | 883.0185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000005 | -.000176 | -.073387 | -.001457 | -.000343 | .008904  | .077600  |
| #2 | -.000071 | .000064  | -.015962 | -.000651 | .000055  | -.008408 | -.099143 |
| #3 | -.000308 | .000041  | -.140003 | .000145  | -.000410 | -.019338 | -.008484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000045 | -.072943 | -.000267 | .0014438 | -.022292 | -.010957 | -.001099 |
| Stddev | .000797  | .069920  | .001102  | .0009305 | .009881  | .010383  | .000762  |
| %RSD   | 1773.878 | 95.85589 | 412.9791 | 64.44920 | 44.32549 | 94.76290 | 69.33919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000838  | .007729  | -.000250 | .0019732 | -.018449 | .000779  | -.000255 |
| #2 | -.000263 | -.110471 | -.001377 | .0019888 | -.014910 | -.018950 | -.001305 |
| #3 | -.000711 | -.116086 | .000826  | .0003694 | -.033517 | -.014701 | -.001737 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.064183 | .0019580 | -.005842 | .0000298 | -.011951 | -.001795 | -.000271 |
| Stddev | .115068  | .0035120 | .000335  | .0002220 | .001804  | .000933  | .002339  |
| %RSD   | 179.2813 | 179.3672 | 5.735922 | 745.1183 | 15.09213 | 51.98523 | 864.5207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .060784  | .0002405 | -.006028 | .0002857 | -.013749 | -.002853 | -.002580 |
| #2 | -.087574 | -.000365 | -.005455 | -.000111 | -.010142 | -.001447 | -.000328 |
| #3 | -.165758 | .005998  | -.006043 | -.000085 | -.011960 | -.001087 | .002097  |

Sample Name: PB165841BL      Acquired: 01/03/2025 14:10:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS841      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.006481 | -.000203 | -.011148 |
| Stddev | .006343  | .000155  | .001552  |
| %RSD   | 97.87112 | 76.29544 | 13.91745 |
| #1     | .000559  | -.000034 | -.012688 |
| #2     | -.011750 | -.000338 | -.011171 |
| #3     | -.008251 | -.000237 | -.009585 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1831.968 | 18676.83 | 1834.648 | 1377.412 | 2033.572 |
| Stddev    | 2.218    | 120.81   | 3.725    | 2.832    | .650     |
| %RSD      | .1210937 | .6468276 | .2030245 | .2055699 | .0319621 |
| #1        | 1832.116 | 18637.74 | 1830.434 | 1380.286 | 2033.064 |
| #2        | 1829.679 | 18580.40 | 1837.502 | 1377.324 | 2033.347 |
| #3        | 1834.109 | 18812.34 | 1836.008 | 1374.625 | 2034.304 |

Sample Name: PB165841BS      Acquired: 01/03/2025 14:14:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS841      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0257030 | .0503791 | .0166280 | .0629391 | .1060288 | .3810145 |
| Stddev | .0055634 | .0027468 | .0010854 | .0034320 | .0019410 | .0078906 |
| %RSD   | 21.64483 | 5.452310 | 6.527697 | 5.452888 | 1.830618 | 2.070954 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207109 | .0472302 | .0174223 | .0668854 | .1059815 | .3884871 |
| #2 | .0317005 | .0516238 | .0153913 | .0612797 | .1041119 | .3817930 |
| #3 | .0246976 | .0522832 | .0170706 | .0606522 | .1079930 | .3727635 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3951200 | .0105827 | .0095444 | 9.994091 | .0217659 | .0988883 |
| Stddev | .0054338 | .0000642 | .0001189 | .096795  | .0008259 | .0005208 |
| %RSD   | 1.375234 | .6066715 | 1.245268 | .9685203 | 3.794690 | .5266853 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3898497 | .0105593 | .0096165 | 9.890140 | .0226097 | .0987770 |
| #2 | .3948064 | .0106554 | .0094072 | 10.01050 | .0209591 | .0994558 |
| #3 | .4007038 | .0105335 | .0096094 | 10.08163 | .0217289 | .0984322 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0466072 | .2314789 | .0322006 | 10.28877 | .0763590 | .0197018 |
| Stddev | .0078511 | .0405175 | .0012569 | .21818   | .0008039 | .0004221 |
| %RSD   | 16.84533 | 17.50373 | 3.903205 | 2.120596 | 1.052774 | 2.142564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0478604 | .1891218 | .0312809 | 10.15728 | .0754612 | .0201268 |
| #2 | .0537563 | .2698642 | .0336328 | 10.16842 | .0766036 | .0192826 |
| #3 | .0382048 | .2354507 | .0316883 | 10.54063 | .0770121 | .0196962 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.384619 | .0961964 | .1177585 | 9.170215 | .0198747 | F -.005657 |
| Stddev | .072050  | .0169411 | .0002404 | .151127  | .0014557 | .002239    |
| %RSD   | .9756736 | 17.61097 | .2041900 | 1.648020 | 7.324323 | 39.58369   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.327238 | .1094540 | .1175052 | 9.003079 | .0185915 | -.007020 |
| #2 | 7.361138 | .0771105 | .1177868 | 9.297241 | .0195760 | -.006879 |
| #3 | 7.465479 | .1020246 | .1179836 | 9.210324 | .0214566 | -.003073 |



Sample Name: PB165841BS      Acquired: 01/03/2025 14:14:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS841      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0195934 | .1656915 | F .4844070 | .0121014 | .1868319 | .2084243 |
| Stddev | .0005267 | .0030423 | .0074235   | .0014583 | .0047910 | .0014979 |
| %RSD   | 2.688356 | 1.836149 | 1.532489   | 12.05090 | 2.564320 | .7186934 |
| #1     | .0201545 | .1623596 | .4767892   | .0128848 | .1821611 | .2068749 |
| #2     | .0191096 | .1683216 | .4848123   | .0104188 | .1917346 | .2085332 |
| #3     | .0195159 | .1663933 | .4916195   | .0130006 | .1865999 | .2098648 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0187955 |
| Stddev | .0011380   |
| %RSD   | 6.054491   |
| #1     | .0174877   |
| #2     | .0195595   |
| #3     | .0193394   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1806.264 | 18294.36 | 1800.769 | 1348.480 | 1999.828 |
| Stddev    | 4.666    | 95.66    | 17.378   | 5.312    | 3.442    |
| %RSD      | .2583084 | .5229196 | .9650447 | .3939074 | .1721128 |
| #1        | 1803.256 | 18208.97 | 1817.345 | 1344.131 | 1996.362 |
| #2        | 1811.638 | 18397.75 | 1802.276 | 1354.400 | 2003.246 |
| #3        | 1803.896 | 18276.37 | 1782.687 | 1346.909 | 1999.876 |

Sample Name: PB165850BL      Acquired: 01/03/2025 14:18:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS850      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002931 | .0013812 | -.003206 | .0004199 | .0032774 | .0255520 | .0008865 |
| Stddev | .003707  | .0022992 | .002261  | .0023064 | .0022213 | .0168888 | .0002919 |
| %RSD   | 126.4503 | 166.4652 | 70.52465 | 549.3198 | 67.77705 | 66.09581 | 32.93188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003129 | .0018747 | -.005142 | -.001875 | .0046673 | .0294565 | .0009640 |
| #2 | .000870  | -.001125 | -.003757 | .002738  | .0044494 | .0070529 | .0005636 |
| #3 | -.006535 | .003394  | -.000721 | .000396  | .0007155 | .0401467 | .0011319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000009 | .0000295 | -.046361 | -.001235 | -.000146 | -.007655 | -.012908 |
| Stddev | .000031  | .0001593 | .045782  | .000775  | .000142  | .005902  | .046579  |
| %RSD   | 340.2136 | 540.4489 | 98.75262 | 62.77975 | 96.97526 | 77.10318 | 360.8521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000018  | .0001172 | -.008699 | -.001648 | -.000006 | -.010889 | .039531  |
| #2 | -.000043 | .0001257 | -.097320 | -.000340 | -.000290 | -.011234 | -.028770 |
| #3 | -.000003 | -.000154 | -.033063 | -.001716 | -.000142 | -.000843 | -.049485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001075 | -.093822 | -.000742 | -.000417 | -.018279 | -.004754 | .0007482 |
| Stddev | .0033614 | .078495  | .000198  | .000324  | .022364  | .007663  | .0008345 |
| %RSD   | 3126.591 | 83.66429 | 26.68450 | 77.72925 | 122.3464 | 161.1980 | 111.5412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003185 | -.090188 | -.000799 | -.000108 | -.001505 | -.009588 | .0013617 |
| #2 | .003534  | -.174071 | -.000522 | -.000755 | -.043669 | -.008756 | .0010848 |
| #3 | -.000027 | -.017207 | -.000905 | -.000388 | -.009662 | .004082  | -.000202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.170305 | .0004208 | -.003500 | .0002186 | -.007821 | -.001024 | -.000145 |
| Stddev | .225946  | .0018542 | .001614  | .0007359 | .003784  | .000322  | .000639  |
| %RSD   | 132.6711 | 440.6705 | 46.11025 | 336.7316 | 48.37954 | 31.41202 | 441.3886 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .086071  | .0025557 | -.001755 | .0006771 | -.009320 | -.001273 | -.000240 |
| #2 | -.256601 | -.000787 | -.004939 | -.000630 | -.003517 | -.000661 | -.000730 |
| #3 | -.340386 | -.000506 | -.003805 | .000609  | -.010625 | -.001137 | .000536  |

Sample Name: PB165850BL      Acquired: 01/03/2025 14:18:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS850      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.008130 | -.000131 | -.013765 |
| Stddev | .003466  | .000247  | .005280  |
| %RSD   | 42.62412 | 188.5152 | 38.35791 |
| #1     | -.012081 | -.000155 | -.007691 |
| #2     | -.006708 | .000127  | -.017254 |
| #3     | -.005603 | -.000365 | -.016350 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1818.514 | 18365.43 | 1817.613 | 1367.427 | 2009.627 |
| Stddev    | 7.171    | 103.68   | 8.818    | 3.885    | 4.785    |
| %RSD      | .3943202 | .5645602 | .4851505 | .2841304 | .2380999 |
| #1        | 1818.041 | 18313.82 | 1807.554 | 1363.004 | 2008.401 |
| #2        | 1825.910 | 18484.79 | 1821.269 | 1370.287 | 2014.905 |
| #3        | 1811.592 | 18297.68 | 1824.014 | 1368.991 | 2005.574 |

Sample Name: PB165840BL      Acquired: 01/03/2025 14:26:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS840      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022488 | -.001644 | -.003250 | .0007486 | -.002514 | -.002230 | -.003247 |
| Stddev | .0027611 | .001982  | .002322  | .0022021 | .002884  | .039876  | .003017  |
| %RSD   | 122.7801 | 120.5134 | 71.46157 | 294.1607 | 114.6901 | 1788.423 | 92.94076 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002079 | -.003514 | -.001983 | -.001734 | -.005342 | .030544  | -.005803 |
| #2 | .0053905 | -.001852 | -.005930 | .001513  | -.002623 | .009393  | -.004019 |
| #3 | .0011480 | .000433  | -.001836 | .002467  | .000422  | -.046626 | .000082  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000995 | .0000157 | -.090654 | -.000748 | -.000042 | -.011982 | .0097595 |
| Stddev | .0000797 | .0001114 | .012306  | .000825  | .000416  | .003270  | .0328219 |
| %RSD   | 80.10609 | 709.1543 | 13.57446 | 110.2296 | 994.2260 | 27.29529 | 336.3070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000126 | .0001399 | -.088275 | -.000781 | -.000156 | -.008217 | -.027886 |
| #2 | .0001167 | -.000076 | -.079712 | .000093  | -.000389 | -.013610 | .032379  |
| #3 | .0001692 | -.000017 | -.103976 | -.001556 | .000419  | -.014118 | .024785  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000759 | -.062874 | -.000357 | -.000520 | -.027790 | .0049959 | -.000640 |
| Stddev | .000701  | .084500  | .000629  | .001433  | .011489  | .0062379 | .000135  |
| %RSD   | 92.42723 | 134.3950 | 176.1608 | 275.6881 | 41.34136 | 124.8598 | 21.07122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000075 | -.000976 | -.000184 | -.001946 | -.014526 | -.000817 | -.000708 |
| #2 | -.000724 | -.028504 | .000168  | .000921  | -.034204 | .011586  | -.000727 |
| #3 | -.001476 | -.159143 | -.001054 | -.000534 | -.034639 | .004218  | -.000485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.198172 | -.001655 | -.005429 | -.000244 | -.009308 | -.001644 | -.001228 |
| Stddev | .067257  | .000339  | .000376  | .000297  | .000607  | .000178  | .000613  |
| %RSD   | 33.93853 | 20.48789 | 6.923281 | 121.6132 | 6.518904 | 10.81097 | 49.92173 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.275275 | -.002024 | -.005853 | .000035  | -.009687 | -.001446 | -.001373 |
| #2 | -.167672 | -.001359 | -.005295 | -.000211 | -.008608 | -.001790 | -.001756 |
| #3 | -.151569 | -.001581 | -.005137 | -.000556 | -.009628 | -.001696 | -.000556 |

Sample Name: PB165840BL      Acquired: 01/03/2025 14:26:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS840      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.006510 | -.000355 | -.012594 |
| Stddev | .002724  | .000333  | .000925  |
| %RSD   | 41.84871 | 93.77344 | 7.345473 |
| #1     | -.003384 | -.000320 | -.012497 |
| #2     | -.007770 | -.000704 | -.013564 |
| #3     | -.008377 | -.000041 | -.011722 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1823.219 | 18295.00 | 1833.172 | 1355.557 | 2016.632 |
| Stddev    | 4.717    | 132.99   | 5.258    | 13.072   | 2.109    |
| %RSD      | .2587115 | .7269309 | .2868364 | .9642961 | .1046005 |
| #1        | 1823.990 | 18283.34 | 1833.283 | 1357.570 | 2018.938 |
| #2        | 1818.164 | 18168.22 | 1838.373 | 1341.595 | 2014.799 |
| #3        | 1827.503 | 18433.44 | 1827.859 | 1367.505 | 2016.159 |

Sample Name: PB165840BS      Acquired: 01/03/2025 14:34:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS840      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0257858 | .0497520 | .0182802 | .0656493 | .1101429 | .4671989 |
| Stddev | .0042828 | .0031900 | .0005494 | .0035138 | .0023347 | .0297720 |
| %RSD   | 16.60912 | 6.411762 | 3.005626 | 5.352321 | 2.119738 | 6.372439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0211247 | .0510732 | .0178440 | .0639210 | .1076856 | .4345700 |
| #2 | .0266851 | .0520692 | .0188973 | .0633343 | .1123318 | .4741383 |
| #3 | .0295475 | .0461137 | .0180993 | .0696924 | .1104113 | .4928883 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3977809 | .0106057 | .0096960 | 10.03148 | .0204371 | .1003363 |
| Stddev | .0030890 | .0001184 | .0001057 | .05697   | .0006005 | .0005609 |
| %RSD   | .7765563 | 1.116213 | 1.089883 | .5679182 | 2.938321 | .5589801 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3965908 | .0106423 | .0096758 | 10.02403 | .0197796 | .0998045 |
| #2 | .3954639 | .0104734 | .0096018 | 9.97859  | .0205753 | .1002822 |
| #3 | .4012879 | .0107015 | .0098103 | 10.09180 | .0209565 | .1009223 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0423210 | .2405823 | .0335321 | 10.32644 | .0766265 | .0186899 |
| Stddev | .0248602 | .0274262 | .0005871 | .21680   | .0002992 | .0018497 |
| %RSD   | 58.74195 | 11.39993 | 1.750836 | 2.099419 | .3905356 | 9.896821 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0648142 | .2481602 | .0332946 | 10.25819 | .0768147 | .0179484 |
| #2 | .0465200 | .2634229 | .0331010 | 10.56915 | .0767833 | .0173260 |
| #3 | .0156287 | .2101639 | .0342008 | 10.15199 | .0762814 | .0207953 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.440452 | .0997960 | .1166708 | 9.373095 | .0187193 | F -.005095 |
| Stddev | .023508  | .0072044 | .0012981 | .139098  | .0017496 | .000584    |
| %RSD   | .3159420 | 7.219118 | 1.112600 | 1.484012 | 9.346685 | 11.45782   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.414491 | .1072700 | .1157368 | 9.242546 | .0172049 | -.004568 |
| #2 | 7.446568 | .0928955 | .1181530 | 9.357337 | .0206345 | -.004994 |
| #3 | 7.460297 | .0992225 | .1161224 | 9.519400 | .0183184 | -.005723 |

Sample Name: PB165840BS      Acquired: 01/03/2025 14:34:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS840      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0190082 | .1640598 | F .4852931 | .0123197 | .1906594 | .2078182 |
| Stddev | .0002151 | .0040079 | .0039454   | .0010998 | .0035822 | .0002882 |
| %RSD   | 1.131723 | 2.442960 | .8129833   | 8.927044 | 1.878870 | .1386879 |
| #1     | .0187831 | .1674439 | .4846842   | .0111406 | .1878946 | .2079958 |
| #2     | .0190297 | .1651016 | .4816876   | .0133177 | .1893774 | .2079731 |
| #3     | .0192118 | .1596338 | .4895075   | .0125009 | .1947063 | .2074856 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0233053 |
| Stddev | .0028773 |
| %RSD   | 12.34613 |
| #1     | .0203672 |
| #2     | .0261177 |
| #3     | .0234308 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1789.281 | 18347.29 | 1801.516 | 1356.821 | 1985.423 |
| Stddev    | 4.879    | 109.14   | 1.374    | 8.710    | 5.075    |
| %RSD      | .2726745 | .5948601 | .0762469 | .6419063 | .2556003 |
| #1        | 1793.624 | 18334.54 | 1801.390 | 1357.792 | 1991.260 |
| #2        | 1790.218 | 18245.08 | 1802.949 | 1347.666 | 1982.958 |
| #3        | 1784.002 | 18462.24 | 1800.210 | 1365.004 | 1982.052 |

Sample Name: PB165850BS      Acquired: 01/03/2025 14:38:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS850      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230369 | .0490453 | .0190364 | .0655245 | .1103330 | .4070655 |
| Stddev | .0049299 | .0033962 | .0006217 | .0033985 | .0016067 | .0109842 |
| %RSD   | 21.40015 | 6.924701 | 3.265739 | 5.186630 | 1.456255 | 2.698375 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215472 | .0469096 | .0197500 | .0626764 | .1108233 | .3961398 |
| #2 | .0190236 | .0472648 | .0187471 | .0646105 | .1085382 | .4069495 |
| #3 | .0285399 | .0529616 | .0186120 | .0692865 | .1116374 | .4181071 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4067333 | .0105608 | .0097936 | 10.23850 | .0210943 | .1015717 |
| Stddev | .0024723 | .0000812 | .0001053 | .04479   | .0005728 | .0005772 |
| %RSD   | .6078476 | .7690675 | 1.075543 | .4374934 | 2.715265 | .5682499 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4067454 | .0104901 | .0096827 | 10.19230 | .0205598 | .1012779 |
| #2 | .4042550 | .0105428 | .0098059 | 10.24144 | .0210243 | .1012005 |
| #3 | .4091995 | .0106495 | .0098923 | 10.28174 | .0216989 | .1022366 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0382080 | .2207564 | .0329640 | 10.52516 | .0787894 | .0216298 |
| Stddev | .0016464 | .0023711 | .0017417 | .06941   | .0005347 | .0013559 |
| %RSD   | 4.309120 | 1.074089 | 5.283580 | .6594640 | .6787053 | 6.268827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0365087 | .2213555 | .0322927 | 10.48471 | .0785508 | .0210665 |
| #2 | .0383195 | .2227706 | .0349415 | 10.48546 | .0784155 | .0231766 |
| #3 | .0397959 | .2181432 | .0316579 | 10.60530 | .0794019 | .0206463 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.529171 | .0975673 | .1176485 | 9.577862 | .0204704 | F -.004464 |
| Stddev | .037480  | .0092208 | .0008658 | .155139  | .0006610 | .002658    |
| %RSD   | .4977942 | 9.450682 | .7358964 | 1.619764 | 3.229226 | 59.54725   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.487886 | .1065311 | .1185892 | 9.411525 | .0197229 | -.005456 |
| #2 | 7.538569 | .0881094 | .1174712 | 9.718625 | .0207105 | -.006483 |
| #3 | 7.561057 | .0980613 | .1168851 | 9.603434 | .0209778 | -.001452 |



Sample Name: PB165850BS      Acquired: 01/03/2025 14:38:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS850      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0202184 | .1702961 | F .4917840 | .0126261 | .1909241 | .2127274 |
| Stddev | .0011909 | .0036957 | .0027498   | .0023266 | .0058113 | .0003471 |
| %RSD   | 5.890200 | 2.170173 | .5591402   | 18.42716 | 3.043780 | .1631433 |
| #1     | .0188892 | .1711469 | .4891403   | .0147967 | .1951264 | .2123914 |
| #2     | .0205778 | .1734923 | .4915828   | .0129119 | .1933536 | .2127064 |
| #3     | .0211882 | .1662492 | .4946288   | .0101698 | .1842923 | .2130845 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0234403 |
| Stddev | .0038070 |
| %RSD   | 16.24128 |
| #1     | .0249655 |
| #2     | .0191071 |
| #3     | .0262481 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1795.573 | 18270.71 | 1796.863 | 1348.686 | 1986.540 |
| Stddev    | .698     | 78.82    | 4.610    | 9.372    | 3.525    |
| %RSD      | .0388921 | .4314005 | .2565421 | .6949243 | .1774511 |
| #1        | 1795.794 | 18217.55 | 1801.919 | 1345.650 | 1990.611 |
| #2        | 1796.134 | 18233.32 | 1792.895 | 1341.209 | 1984.467 |
| #3        | 1794.791 | 18361.27 | 1795.774 | 1359.201 | 1984.544 |

Sample Name: PB165842BL      Acquired: 01/03/2025 14:42:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS842      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000233 | .0018052 | -.001554 | .0028297 | .0011312 | .0004910 | .0014370 |
| Stddev | .003573  | .0031227 | .003681  | .0035354 | .0019287 | .0579471 | .0033688 |
| %RSD   | 1533.017 | 172.9834 | 236.9634 | 124.9402 | 170.4951 | 11801.58 | 234.4268 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000337 | .0048366 | -.002344 | .0002204 | -.000858 | .0652042 | .0051068 |
| #2 | .003390  | .0019806 | -.004775 | .0014154 | .001259  | -.017134 | .0007195 |
| #3 | -.003753 | -.001401 | .002459  | .0068534 | .002993  | -.046597 | -.001515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000141 | -.000091 | -.039974 | .0000397 | -.000294 | -.010453 | .0075571 |
| Stddev | .000186  | .000090  | .042483  | .0006122 | .000125  | .006160  | .0229009 |
| %RSD   | 131.8461 | 99.73673 | 106.2769 | 1542.871 | 42.72982 | 58.93712 | 303.0404 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000162 | .000008  | -.058733 | -.000374 | -.000406 | -.015292 | .0316859 |
| #2 | .000055  | -.000110 | -.069848 | -.000249 | -.000317 | -.003518 | .0048629 |
| #3 | -.000315 | -.000170 | .008660  | .000743  | -.000158 | -.012548 | -.013878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001210 | -.101945 | -.000474 | .0003734 | -.021065 | -.015183 | -.000529 |
| Stddev | .000257  | .042165  | .000445  | .0014877 | .015989  | .008919  | .000377  |
| %RSD   | 21.21818 | 41.36051 | 93.85785 | 398.4557 | 75.90537 | 58.74704 | 71.39279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000978 | -.148679 | -.000809 | .0019878 | -.012362 | -.004920 | -.000952 |
| #2 | -.001166 | -.090399 | .000031  | .0000745 | -.011315 | -.021067 | -.000405 |
| #3 | -.001486 | -.066755 | -.000643 | -.000942 | -.039517 | -.019560 | -.000228 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.055542 | -.000334 | -.004825 | .0003279 | -.010034 | -.001045 | -.001408 |
| Stddev | .121390  | .001993  | .001617  | .0007850 | .003067  | .001616  | .001310  |
| %RSD   | 218.5535 | 596.4740 | 33.50005 | 239.4177 | 30.56952 | 154.6965 | 93.05422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.190518 | -.002554 | -.005751 | .0012104 | -.009822 | .000585  | -.002857 |
| #2 | .044682  | .000251  | -.002959 | .0000654 | -.013202 | -.001072 | -.001056 |
| #3 | -.020791 | .001301  | -.005767 | -.000292 | -.007078 | -.002647 | -.000310 |

Sample Name: PB165842BL      Acquired: 01/03/2025 14:42:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS842      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.006271 | -.000459 | -.011129 |
| Stddev | .001151  | .000184  | .000782  |
| %RSD   | 18.36065 | 40.19094 | 7.027437 |
| #1     | -.004976 | -.000338 | -.010822 |
| #2     | -.006656 | -.000367 | -.012018 |
| #3     | -.007180 | -.000671 | -.010546 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1809.411 | 18249.29 | 1796.288 | 1346.852 | 2002.960 |
| Stddev    | 3.255    | 55.42    | 2.422    | 5.935    | 3.161    |
| %RSD      | .1798976 | .3036982 | .1348187 | .4406353 | .1578004 |
| #1        | 1807.196 | 18308.30 | 1796.636 | 1347.746 | 1999.372 |
| #2        | 1813.148 | 18241.26 | 1793.711 | 1340.521 | 2005.333 |
| #3        | 1807.889 | 18198.33 | 1798.517 | 1352.289 | 2004.176 |

Sample Name: PB165842BS      Acquired: 01/03/2025 14:46:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS842      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0237965 | .0506290 | .0154471 | .0568301 | .1098841 | .4287086 |
| Stddev | .0027720 | .0024994 | .0004895 | .0039091 | .0019794 | .0292348 |
| %RSD   | 11.64895 | 4.936725 | 3.169102 | 6.878509 | 1.801346 | 6.819276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0265614 | .0489059 | .0155500 | .0552974 | .1121423 | .4569239 |
| #2 | .0238108 | .0494856 | .0149143 | .0612733 | .1084493 | .3985511 |
| #3 | .0210174 | .0534956 | .0158770 | .0539197 | .1090608 | .4306507 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4029420 | .0106243 | .0097929 | 10.08074 | .0208323 | .1005721 |
| Stddev | .0042133 | .0000995 | .0000313 | .02240   | .0007882 | .0005747 |
| %RSD   | 1.045622 | .9361708 | .3198757 | .2221711 | 3.783677 | .5713830 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4044926 | .0105428 | .0098248 | 10.09104 | .0201288 | .1012196 |
| #2 | .4061603 | .0105950 | .0097915 | 10.05505 | .0206839 | .1001229 |
| #3 | .3981732 | .0107351 | .0097622 | 10.09613 | .0216841 | .1003737 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0479720 | .2103591 | .0320524 | 10.54682 | .0771465 | .0206212 |
| Stddev | .0043783 | .0405185 | .0007777 | .07789   | .0011704 | .0002639 |
| %RSD   | 9.126719 | 19.26159 | 2.426318 | .7385542 | 1.517095 | 1.279974 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0524842 | .2545584 | .0317569 | 10.61911 | .0764512 | .0205494 |
| #2 | .0476905 | .2015475 | .0314658 | 10.55701 | .0784977 | .0209136 |
| #3 | .0437413 | .1749716 | .0329346 | 10.46433 | .0764905 | .0204005 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.441684 | .1034601 | .1185432 | 9.315784 | .0170125 | F -.006795 |
| Stddev | .033014  | .0089084 | .0005661 | .062305  | .0031549 | .002461    |
| %RSD   | .4436415 | 8.610426 | .4775360 | .6688138 | 18.54485 | 36.21215   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.468193 | .0936570 | .1187561 | 9.250574 | .0173965 | -.006642 |
| #2 | 7.404704 | .1110604 | .1189720 | 9.322069 | .0136832 | -.004415 |
| #3 | 7.452154 | .1056629 | .1179015 | 9.374708 | .0199579 | -.009329 |

Sample Name: PB165842BS      Acquired: 01/03/2025 14:46:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS842      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0200087 | .1665303 | F .4894943 | .0107296 | .1919835 | .2117934 |
| Stddev | .0006255 | .0056927 | .0035160   | .0022548 | .0005407 | .0010647 |
| %RSD   | 3.125877 | 3.418390 | .7182857   | 21.01439 | .2816383 | .5027133 |
| #1     | .0193383 | .1603060 | .4874788   | .0132908 | .1919038 | .2121535 |
| #2     | .0205766 | .1678124 | .4874498   | .0090439 | .1925596 | .2126315 |
| #3     | .0201111 | .1714726 | .4935541   | .0098541 | .1914870 | .2105954 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0210013 |
| Stddev | .0021105 |
| %RSD   | 10.04929 |
| #1     | .0198429 |
| #2     | .0234373 |
| #3     | .0197237 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1804.546 | 18176.38 | 1804.679 | 1345.159 | 1994.786 |
| Stddev    | 3.796    | 97.08    | 4.094    | 12.115   | 5.104    |
| %RSD      | .2103662 | .5341239 | .2268715 | .9006242 | .2558651 |
| #1        | 1800.240 | 18176.86 | 1799.954 | 1340.712 | 1988.960 |
| #2        | 1805.989 | 18079.06 | 1807.159 | 1335.897 | 1996.929 |
| #3        | 1807.409 | 18273.22 | 1806.926 | 1358.869 | 1998.469 |

Sample Name: PB165891BL      Acquired: 01/03/2025 14:50:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS891      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000536 | .0020699 | -.003585 | -.001165 | .0016177 | -.018105 | -.000602 |
| Stddev | .006137  | .0011934 | .003978  | .004714  | .0023052 | .011281  | .003159  |
| %RSD   | 1144.716 | 57.65423 | 110.9746 | 404.4869 | 142.4957 | 62.30971 | 525.0550 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007597 | .0028455 | -.003051 | -.002892 | .0040300 | -.009855 | -.002493 |
| #2 | .003513  | .0006957 | -.007803 | .004168  | -.000563 | -.030960 | -.002358 |
| #3 | .002475  | .0026686 | .000100  | -.004772 | .001386  | -.013499 | .003046  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000081 | .0000062 | -.004486 | -.000397 | -.000336 | -.009006 | .0136323 |
| Stddev | .0000244 | .0001255 | .017875  | .000524  | .000376  | .003080  | .0699984 |
| %RSD   | 301.3580 | 2026.183 | 398.4657 | 132.0779 | 111.8182 | 34.20124 | 513.4763 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | .0001067 | .016073  | .000206  | -.000568 | -.009037 | -.065563 |
| #2 | .000033  | .0000465 | -.013185 | -.000653 | -.000537 | -.012071 | .067226  |
| #3 | .000008  | -.000135 | -.016346 | -.000743 | .000097  | -.005911 | .039233  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000339 | -.135886 | -.000920 | .0024630 | -.023330 | -.009394 | -.000992 |
| Stddev | .000516  | .018083  | .000492  | .0008764 | .013913  | .009910  | .000597  |
| %RSD   | 152.1270 | 13.30763 | 53.48869 | 35.58313 | 59.63544 | 105.4996 | 60.21493 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000788 | -.154905 | -.000462 | .0014512 | -.039190 | .001202  | -.001394 |
| #2 | -.000455 | -.133841 | -.001440 | .0029858 | -.013183 | -.018435 | -.000306 |
| #3 | .000225  | -.118913 | -.000859 | .0029521 | -.017617 | -.010949 | -.001277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.032208 | -.001909 | -.006195 | -.000606 | -.013058 | -.002625 | -.001952 |
| Stddev | .024195  | .001886  | .001688  | .000579  | .003939  | .000406  | .000276  |
| %RSD   | 75.12109 | 98.78947 | 27.24267 | 95.68159 | 30.16406 | 15.48350 | 14.15571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.030007 | -.002177 | -.004413 | -.000283 | -.011409 | -.002157 | -.001748 |
| #2 | -.009188 | -.003646 | -.007770 | -.000259 | -.010211 | -.002838 | -.001843 |
| #3 | -.057428 | .000097  | -.006403 | -.001274 | -.017553 | -.002881 | -.002267 |

Sample Name: PB165891BL      Acquired: 01/03/2025 14:50:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS891      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003580 | -.000321 | -.009057 |
| Stddev | .001368  | .000259  | .003292  |
| %RSD   | 38.19829 | 80.44694 | 36.34488 |
| #1     | -.002396 | -.000054 | -.009863 |
| #2     | -.003268 | -.000570 | -.011871 |
| #3     | -.005077 | -.000341 | -.005437 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1827.895 | 18378.26 | 1826.004 | 1360.712 | 2020.294 |
| Stddev    | 5.515    | 102.86   | 10.238   | 11.599   | 6.676    |
| %RSD      | .3016951 | .5597051 | .5606696 | .8524407 | .3304614 |
| #1        | 1833.879 | 18375.03 | 1821.946 | 1355.322 | 2027.926 |
| #2        | 1823.017 | 18482.71 | 1818.416 | 1374.026 | 2017.417 |
| #3        | 1826.790 | 18277.06 | 1837.648 | 1352.788 | 2015.538 |

Sample Name: PB165891BS      Acquired: 01/03/2025 14:55:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS891      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217968 | .0521962 | .0171653 | .0643853 | .1090996 | .4810220 |
| Stddev | .0027764 | .0045970 | .0008753 | .0033738 | .0029520 | .0246470 |
| %RSD   | 12.73748 | 8.807072 | 5.099010 | 5.240044 | 2.705802 | 5.123878 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0194809 | .0561482 | .0164502 | .0608400 | .1120732 | .4758991 |
| #2 | .0210350 | .0532891 | .0181413 | .0647595 | .1061697 | .4593391 |
| #3 | .0248745 | .0471513 | .0169042 | .0675565 | .1090559 | .5078278 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4056127 | .0106127 | .0099370 | 10.19178 | .0211504 | .1017605 |
| Stddev | .0045236 | .0002179 | .0001121 | .03773   | .0010574 | .0005007 |
| %RSD   | 1.115247 | 2.052783 | 1.128484 | .3702060 | 4.999666 | .4920087 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4082450 | .0103837 | .0099571 | 10.16288 | .0223499 | .1023136 |
| #2 | .4082037 | .0108174 | .0098161 | 10.23446 | .0207485 | .1013383 |
| #3 | .4003894 | .0106370 | .0100377 | 10.17799 | .0203528 | .1016295 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0539389 | .2254370 | .0308347 | 10.46651 | .0779761 | .0207549 |
| Stddev | .0014390 | .0196557 | .0006104 | .07308   | .0007993 | .0013296 |
| %RSD   | 2.667881 | 8.718953 | 1.979532 | .6982168 | 1.025008 | 6.406118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0553358 | .2329582 | .0315393 | 10.43566 | .0785592 | .0207280 |
| #2 | .0540197 | .2402215 | .0304684 | 10.54995 | .0770650 | .0194390 |
| #3 | .0524611 | .2031312 | .0304963 | 10.41391 | .0783041 | .0220977 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.466350 | .1029067 | .1192018 | 9.318468 | .0152462 | F -.005852 |
| Stddev | .051965  | .0128057 | .0002791 | .087988  | .0029826 | .003342    |
| %RSD   | .6959914 | 12.44398 | .2341260 | .9442346 | 19.56297 | 57.10440   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.517606 | .1057345 | .1188795 | 9.376249 | .0162644 | -.003045 |
| #2 | 7.467740 | .1140621 | .1193646 | 9.361951 | .0118878 | -.009549 |
| #3 | 7.413704 | .0889234 | .1193613 | 9.217204 | .0175863 | -.004963 |



Sample Name: PB165891BS      Acquired: 01/03/2025 14:55:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS891      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0188871 | .1728443 | F .4923688 | .0126740 | .1921867 | .2146811 |
| Stddev | .0004050 | .0029839 | .0023088   | .0006635 | .0014697 | .0007784 |
| %RSD   | 2.144053 | 1.726358 | .4689218   | 5.235473 | .7647479 | .3625896 |
| #1     | .0188049 | .1700066 | .4947684   | .0132029 | .1926205 | .2148621 |
| #2     | .0185296 | .1759556 | .4921749   | .0119295 | .1933907 | .2153531 |
| #3     | .0193268 | .1725707 | .4901630   | .0128897 | .1905489 | .2138281 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0263361 |
| Stddev | .0040515 |
| %RSD   | 15.38393 |
| #1     | .0296157 |
| #2     | .0275855 |
| #3     | .0218070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1798.642 | 18240.78 | 1810.889 | 1352.826 | 1988.795 |
| Stddev    | 4.797    | 80.34    | 10.682   | 2.502    | 5.177    |
| %RSD      | .2667122 | .4404460 | .5898697 | .1849746 | .2602888 |
| #1        | 1799.837 | 18323.35 | 1802.133 | 1355.648 | 1988.561 |
| #2        | 1802.730 | 18236.12 | 1807.744 | 1351.949 | 1994.085 |
| #3        | 1793.361 | 18162.87 | 1822.790 | 1350.880 | 1983.739 |

Sample Name: PB165566BL      Acquired: 01/03/2025 14:58:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS566      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012127 | -.001496 | -.002769 | .0018354 | -.000562 | -.005904 | -.002035 |
| Stddev | .0047711 | .000977  | .001812  | .0095975 | .002443  | .012026  | .004698  |
| %RSD   | 393.4326 | 65.32018 | 65.43905 | 522.9159 | 434.7430 | 203.6904 | 230.8338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064980 | -.001769 | -.001695 | -.009166 | -.000657 | .007972  | .002224  |
| #2 | -.002776 | -.000411 | -.004861 | .006175  | .001927  | -.013298 | -.007074 |
| #3 | -.000084 | -.002308 | -.001750 | .008497  | -.002955 | -.012386 | -.001256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000080 | .0000251 | -.057207 | -.000852 | -.000307 | -.006932 | .0144998 |
| Stddev | .000069  | .0001197 | .042188  | .001059  | .000374  | .005170  | .0164156 |
| %RSD   | 86.14118 | 476.5296 | 73.74559 | 124.3511 | 121.8817 | 74.57913 | 113.2123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | .0001340 | -.008505 | -.001740 | -.000552 | -.008117 | .0149031 |
| #2 | -.000124 | -.000103 | -.080610 | -.001135 | .000123  | -.001273 | .0307100 |
| #3 | -.000114 | .000044  | -.082506 | .000320  | -.000491 | -.011407 | -.002114 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006858 | -.089003 | -.000406 | .0002131 | -.022642 | -.011985 | -.001417 |
| Stddev | .0015162 | .067447  | .000497  | .0001309 | .016295  | .001993  | .000346  |
| %RSD   | 221.0834 | 75.78033 | 122.2744 | 61.42869 | 71.96901 | 16.63152 | 24.40679 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000057 | -.033954 | -.000764 | .0001386 | -.019999 | -.010237 | -.001571 |
| #2 | .002430  | -.068818 | .000161  | .0001364 | -.040097 | -.011562 | -.001021 |
| #3 | -.000316 | -.164238 | -.000617 | .0003642 | -.007830 | -.014156 | -.001660 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1232903 | -.005578 | -.004545 | .0000027 | -.008983 | -.002260 | -.000188 |
| Stddev | .2369928 | .001432  | .000953  | .0007592 | .003956  | .000973  | .000540  |
| %RSD   | 192.2234 | 25.67635 | 20.96269 | 28533.68 | 44.03330 | 43.06615 | 287.4732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1865682 | -.006313 | -.005179 | -.000620 | -.008036 | -.001311 | .000424  |
| #2 | .3222212 | -.006495 | -.005007 | -.000221 | -.005587 | -.003256 | -.000599 |
| #3 | -.138919 | -.003928 | -.003449 | .000849  | -.013327 | -.002213 | -.000388 |

Sample Name: PB165566BL      Acquired: 01/03/2025 14:58:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS566      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.010910 | -.000291 | -.011884 |
| Stddev | .001344  | .000109  | .003880  |
| %RSD   | 12.32261 | 37.29597 | 32.64381 |
| #1     | -.012417 | -.000170 | -.007832 |
| #2     | -.009835 | -.000379 | -.015565 |
| #3     | -.010478 | -.000325 | -.012256 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1799.485 | 18318.42 | 1797.820 | 1348.353 | 1992.122 |
| Stddev    | 1.171    | 63.28    | 11.227   | 3.072    | 1.270    |
| %RSD      | .0650599 | .3454227 | .6244785 | .2278277 | .0637371 |
| #1        | 1798.134 | 18281.17 | 1790.687 | 1349.766 | 1993.214 |
| #2        | 1800.117 | 18282.61 | 1792.013 | 1344.828 | 1992.424 |
| #3        | 1800.203 | 18391.48 | 1810.761 | 1350.464 | 1990.729 |

Sample Name: PB165566BS      Acquired: 01/03/2025 15:03:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS566      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220361 | .0524066 | .0191565 | .0613230 | .1109244 | .3843472 |
| Stddev | .0010193 | .0014546 | .0018927 | .0049134 | .0018515 | .0326726 |
| %RSD   | 4.625556 | 2.775657 | 9.880054 | 8.012348 | 1.669129 | 8.500812 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209007 | .0529444 | .0202381 | .0564849 | .1124949 | .3700266 |
| #2 | .0228723 | .0535158 | .0169711 | .0663085 | .1088830 | .4217348 |
| #3 | .0223353 | .0507597 | .0202604 | .0611756 | .1113953 | .3612802 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4074995 | .0103344 | .0097342 | 10.11095 | .0205814 | .1019990 |
| Stddev | .0013743 | .0000837 | .0000498 | .05616   | .0008609 | .0006102 |
| %RSD   | .3372601 | .8096730 | .5112193 | .5553993 | 4.183082 | .5982324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4059268 | .0103012 | .0097872 | 10.04666 | .0205816 | .1021001 |
| #2 | .4081020 | .0102724 | .0097268 | 10.15045 | .0197203 | .1025523 |
| #3 | .4084697 | .0104295 | .0096885 | 10.13573 | .0214422 | .1013446 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0421970 | .1964252 | .0327523 | 10.62529 | .0782159 | .0214236 |
| Stddev | .0116999 | .0492310 | .0015648 | .05754   | .0013231 | .0015790 |
| %RSD   | 27.72687 | 25.06348 | 4.777534 | .5415684 | 1.691654 | 7.370155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0353557 | .1553948 | .0313132 | 10.57811 | .0797045 | .0197225 |
| #2 | .0557065 | .2510149 | .0325256 | 10.60837 | .0777696 | .0217060 |
| #3 | .0355288 | .1828660 | .0344180 | 10.68940 | .0771736 | .0228423 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.500608 | .1029298 | .1174156 | 9.387644 | .0194780 | F -.007448 |
| Stddev | .045574  | .0158669 | .0006815 | .325964  | .0043490 | .003008    |
| %RSD   | .6076055 | 15.41527 | .5804588 | 3.472262 | 22.32773 | 40.39132   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.463774 | .1094827 | .1166305 | 9.056167 | .0215218 | -.004417 |
| #2 | 7.486475 | .1144705 | .1177606 | 9.707799 | .0224285 | -.010433 |
| #3 | 7.551574 | .0848360 | .1178557 | 9.398967 | .0144836 | -.007494 |

Sample Name: PB165566BS      Acquired: 01/03/2025 15:03:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS566      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0194969 | .1673178 | F .4853568 | .0120943 | .1935985 | .2122947 |
| Stddev | .0003821 | .0036629 | .0064813   | .0001341 | .0038711 | .0010706 |
| %RSD   | 1.960029 | 2.189189 | 1.335364   | 1.108652 | 1.999546 | .5042928 |
| #1     | .0197276 | .1693823 | .4811128   | .0121017 | .1902145 | .2118051 |
| #2     | .0197072 | .1630887 | .4821404   | .0122245 | .1927613 | .2115565 |
| #3     | .0190557 | .1694826 | .4928172   | .0119566 | .1978197 | .2135226 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0227745 |
| Stddev | .0021160 |
| %RSD   | 9.290932 |
| #1     | .0251735 |
| #2     | .0211738 |
| #3     | .0219762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1792.861 | 18286.97 | 1812.576 | 1347.364 | 1983.571 |
| Stddev    | 2.396    | 98.58    | 8.717    | 7.575    | 2.402    |
| %RSD      | .1336240 | .5390477 | .4809418 | .5621837 | .1210932 |
| #1        | 1794.237 | 18236.67 | 1819.546 | 1343.931 | 1984.617 |
| #2        | 1794.251 | 18223.68 | 1815.381 | 1342.115 | 1985.272 |
| #3        | 1790.095 | 18400.54 | 1802.802 | 1356.048 | 1980.823 |

Sample Name: P5126-01      Acquired: 01/03/2025 15:07:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM98      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1109477 | -.008848 | 3.732858 | .0505353 | .0410913 | 41.76621 |
| Stddev | .0073445 | .001562  | .004327  | .0056102 | .0008027 | .26037   |
| %RSD   | 6.619812 | 17.65446 | .1159281 | 11.10161 | 1.953527 | .6233930 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1182920 | -.008800 | 3.735666 | .0562851 | .0414385 | 42.06685 |
| #2 | .1109482 | -.010433 | 3.735034 | .0502449 | .0401734 | 41.61454 |
| #3 | .1036030 | -.007310 | 3.727875 | .0450759 | .0416620 | 41.61724 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.243064 | .0057850 | .0073122 | 234.4576 | .1578546 | .0937320 |
| Stddev | .005768  | .0001641 | .0002127 | .2577    | .0009578 | .0002093 |
| %RSD   | .4640206 | 2.836793 | 2.908239 | .1099008 | .6067328 | .2232994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.243742 | .0058561 | .0075482 | 234.7034 | .1577100 | .0939720 |
| #2 | 1.236987 | .0055973 | .0071355 | 234.1895 | .1569773 | .0936372 |
| #3 | 1.248463 | .0059016 | .0072529 | 234.4798 | .1588764 | .0935870 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4343102 | 146.1707 | 4.641555 | 85.00012 | .1837545 | -.008473 |
| Stddev | .0102578 | .3856    | .016982  | .38786   | .0007039 | .001394  |
| %RSD   | 2.361865 | .2638194 | .3658650 | .4563026 | .3830731 | 16.45027 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4381937 | 146.5729 | 4.657700 | 85.44791 | .1829768 | -.008847 |
| #2 | .4420593 | 146.1351 | 4.623845 | 84.78336 | .1843481 | -.009643 |
| #3 | .4226777 | 145.8041 | 4.643120 | 84.76910 | .1839385 | -.006931 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6871475 | .1606266 | 2.922471 | 6.808532 | F 12.37505 | -.250029 |
| Stddev | .0144127 | .0166390 | .006961  | .149442  | .00934     | .003547  |
| %RSD   | 2.097472 | 10.35880 | .2381998 | 2.194924 | .0755124   | 1.418782 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6746795 | .1791112 | 2.928263 | 6.759847 | 12.38581 | -.247797 |
| #2 | .6838348 | .1559223 | 2.914748 | 6.689503 | 12.37035 | -.248170 |
| #3 | .7029281 | .1468462 | 2.924402 | 6.976245 | 12.36899 | -.254119 |

Sample Name: P5126-01      Acquired: 01/03/2025 15:07:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM98      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0144993 | 4.930597 | 4.401578 | .2871252 | .8541772 | .2282922 |
| Stddev | .0007414 | .002665  | .005387  | .0017451 | .0090450 | .0011156 |
| %RSD   | 5.113615 | .0540582 | .1223793 | .6077711 | 1.058918 | .4886702 |
| #1     | .0137467 | 4.928526 | 4.398379 | .2890160 | .8642126 | .2294109 |
| #2     | .0152291 | 4.929660 | 4.407797 | .2867832 | .8466533 | .2282859 |
| #3     | .0145220 | 4.933604 | 4.398559 | .2855765 | .8516658 | .2271798 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0637974 |
| Stddev | .0032291 |
| %RSD   | 5.061464 |
| #1     | .0600689 |
| #2     | .0656789 |
| #3     | .0656445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1897.398 | 19314.13 | 1934.870 | 1417.301 | 1816.402 |
| Stddev    | 2.323    | 91.12    | 6.285    | 10.371   | 2.357    |
| %RSD      | .1224108 | .4717818 | .3248426 | .7317372 | .1297595 |
| #1        | 1899.843 | 19350.49 | 1932.151 | 1413.368 | 1818.913 |
| #2        | 1897.128 | 19381.46 | 1942.057 | 1429.063 | 1814.238 |
| #3        | 1895.222 | 19210.44 | 1930.402 | 1409.472 | 1816.055 |

Sample Name: CCV101      Acquired: 01/03/2025 15:10:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV101      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.022171 | 4.961384 | 25.33066 | 5.016289 | 5.028464 | 413.9742 | 10.34215 |
| Stddev | .005517  | .007068  | .02636   | .025778  | .013616  | 2.1275   | .02588   |
| %RSD   | .1098619 | .1424649 | .1040526 | .5138825 | .2707847 | .5139202 | .2502331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.018036 | 4.968131 | 25.31993 | 5.022181 | 5.013049 | 411.5376 | 10.31544 |
| #2 | 5.028436 | 4.954033 | 25.31136 | 4.988075 | 5.038850 | 415.4638 | 10.34388 |
| #3 | 5.020040 | 4.961988 | 25.36069 | 5.038611 | 5.033495 | 414.9211 | 10.36712 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5204287 | 2.541779 | 413.9136 | 15.94240 | 2.570226 | 15.58179 | 417.2798 |
| Stddev | .0031065 | .002342  | .7783    | .05183   | .002500  | .06889   | 1.9691   |
| %RSD   | .5969076 | .0921552 | .1880404 | .3251369 | .0972779 | .4420931 | .4718893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5222545 | 2.540089 | 413.2184 | 15.88340 | 2.573112 | 15.52312 | 415.0177 |
| #2 | .5221896 | 2.540796 | 413.7680 | 15.98065 | 2.568804 | 15.56462 | 418.6096 |
| #3 | .5168418 | 2.544453 | 414.7545 | 15.96313 | 2.568760 | 15.65764 | 418.2120 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.50975 | 415.6826 | 2.559184 | 1.276424 | 420.9336 | 2.612064 | 15.20990 |
| Stddev | .08141   | 2.3592   | .005529  | .004837  | 3.7601   | .013797  | .03172   |
| %RSD   | .5248641 | .5675511 | .2160259 | .3789379 | .8932842 | .5281852 | .2085510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.41608 | 412.9805 | 2.553418 | 1.273719 | 425.2722 | 2.598270 | 15.22270 |
| #2 | 15.54981 | 417.3330 | 2.559695 | 1.282008 | 418.6197 | 2.612058 | 15.17378 |
| #3 | 15.56336 | 416.7344 | 2.564440 | 1.273545 | 418.9089 | 2.625864 | 15.23322 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 158.4596 | 5.088355 | 4.585228 | 4.993687 | 5.101755 | 5.135504 | 5.130561 |
| Stddev | .0319    | .004958  | .025592  | .010111  | .007867  | .030513  | .007878  |
| %RSD   | .0201624 | .0974400 | .5581501 | .2024658 | .1541972 | .5941610 | .1535479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 158.4402 | 5.090151 | 4.581696 | 4.982388 | 5.101197 | 5.133358 | 5.122961 |
| #2 | 158.4965 | 5.092164 | 4.612404 | 5.001880 | 5.094182 | 5.167033 | 5.130031 |
| #3 | 158.4422 | 5.082749 | 4.561586 | 4.996794 | 5.109886 | 5.106120 | 5.138691 |



Sample Name: CCV101      Acquired: 01/03/2025 15:10:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV101      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.192689 | 4.953785 | 5.162527 |
| Stddev | .038702  | .021848  | .017015  |
| %RSD   | .7453190 | .4410420 | .3295791 |
| #1     | 5.148605 | 4.928708 | 5.158295 |
| #2     | 5.221080 | 4.968713 | 5.148027 |
| #3     | 5.208381 | 4.963934 | 5.181257 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1500.994 | 16275.87 | 1680.646 | 1113.446 | 1618.076 |
| Stddev    | 4.218    | 72.43    | 5.746    | 3.944    | 4.687    |
| %RSD      | .2809837 | .4449845 | .3418882 | .3542011 | .2896538 |
| #1        | 1503.832 | 16359.19 | 1682.058 | 1112.627 | 1620.529 |
| #2        | 1503.003 | 16240.54 | 1674.326 | 1117.735 | 1621.027 |
| #3        | 1496.148 | 16227.90 | 1685.555 | 1109.976 | 1612.672 |

Sample Name: CCB101      Acquired: 01/03/2025 15:14:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB101      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099878 | -.002772 | -.002298 | .0041717 | .0032293 | -.015428 | -.000600 |
| Stddev | .0026369 | .002107  | .002500  | .0021576 | .0029588 | .016020  | .000309  |
| %RSD   | 26.40100 | 76.00109 | 108.7766 | 51.71996 | 91.62506 | 103.8360 | 51.55050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0105370 | -.002607 | .000147  | .0028627 | .0000717 | -.017431 | -.000876 |
| #2 | .0123069 | -.004956 | -.004849 | .0029905 | .0036781 | .001499  | -.000266 |
| #3 | .0071196 | -.000753 | -.002192 | .0066620 | .0059380 | -.030352 | -.000659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000653 | .0000246 | -.020547 | -.001139 | .0001996 | .0071096 | -.004610 |
| Stddev | .0001028 | .0000067 | .031042  | .000597  | .0004707 | .0100794 | .087326  |
| %RSD   | 157.4205 | 27.12229 | 151.0742 | 52.40491 | 235.8743 | 141.7725 | 1894.134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001486 | .0000256 | -.039780 | -.000466 | .0000267 | -.003136 | -.099366 |
| #2 | .0000968 | .0000175 | .015264  | -.001347 | .0007323 | .017014  | .012902  |
| #3 | -.000050 | .0000307 | -.037125 | -.001603 | -.000160 | .007451  | .072633  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009641 | .0134226 | -.000556 | .0008828 | .0120603 | -.016955 | -.000120 |
| Stddev | .0017273 | .0416086 | .000254  | .0009336 | .0236885 | .006283  | .000091  |
| %RSD   | 179.1674 | 309.9890 | 45.64949 | 105.7558 | 196.4184 | 37.05426 | 76.00088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024627 | -.025574 | -.000723 | .0019285 | -.011624 | -.016761 | -.000022 |
| #2 | .0013547 | .008616  | -.000681 | .0005869 | .012051  | -.023333 | -.000135 |
| #3 | -.000925 | .057226  | -.000264 | .0001330 | .035754  | -.010772 | -.000203 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2203201 | -.000468 | .0125955 | .0005405 | -.006240 | -.001635 | .0016538 |
| Stddev | .1319329 | .002468  | .0012351 | .0009294 | .005308  | .001770  | .0009309 |
| %RSD   | 59.88240 | 526.8317 | 9.806091 | 171.9313 | 85.06386 | 108.2877 | 56.28646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3675185 | -.002368 | .0120150 | .0004059 | -.000320 | -.000776 | .0006741 |
| #2 | .1807176 | .002321  | .0140139 | .0015299 | -.007825 | -.000458 | .0025267 |
| #3 | .1127242 | -.001359 | .0117575 | -.000314 | -.010575 | -.003671 | .0017606 |

Sample Name: CCB101      Acquired: 01/03/2025 15:14:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB101      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005271 | -.000370 | -.004153 |
| Stddev | .002985  | .000141  | .008234  |
| %RSD   | 56.62981 | 38.10325 | 198.2852 |
| #1     | -.006990 | -.000278 | -.007671 |
| #2     | -.006998 | -.000300 | .005256  |
| #3     | -.001824 | -.000533 | -.010043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1829.423 | 18479.20 | 1809.721 | 1373.612 | 2022.411 |
| Stddev    | 3.741    | 46.46    | 9.079    | 7.920    | 4.284    |
| %RSD      | .2044907 | .2514168 | .5016842 | .5766179 | .2118467 |
| #1        | 1828.316 | 18481.15 | 1817.504 | 1373.030 | 2020.190 |
| #2        | 1826.360 | 18431.80 | 1799.747 | 1365.998 | 2019.693 |
| #3        | 1833.592 | 18524.66 | 1811.913 | 1381.807 | 2027.350 |

Sample Name: P5126-02      Acquired: 01/03/2025 15:18:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM99      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1277980 | -.020468 | 3.217530 | .0669079 | .0504259   | 43.29390 |
| Stddev | .0042409 | .002152  | .008940  | .0046258 | .0040722   | .28426   |
| %RSD   | 3.318408 | 10.51507 | .2778448 | 6.913616 | 8.075624   | .6565823 |
| #1     | .1255010 | -.022242 | 3.224121 | .0697664 | .0543983   | 43.27106 |
| #2     | .1326918 | -.021089 | 3.221114 | .0693863 | .0462608   | 43.58889 |
| #3     | .1252011 | -.018074 | 3.207354 | .0615711 | .0506186   | 43.02175 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.249538 | .0067927 | .0067217 | 173.8269 | .1541832   | .1037355 |
| Stddev | .006630  | .0000394 | .0000422 | .6985    | .0003502   | .0012527 |
| %RSD   | .5306312 | .5802576 | .6282758 | .4018188 | .2271283   | 1.207548 |
| #1     | 1.245284 | .0068089 | .0066863 | 173.0803 | .1538009   | .1044216 |
| #2     | 1.246152 | .0067477 | .0067684 | 173.9358 | .1544885   | .1044952 |
| #3     | 1.257177 | .0068214 | .0067105 | 174.4644 | .1542601   | .1022897 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4277663 | 165.9716 | 4.622710 | 54.88525 | .1996046   | -.010421 |
| Stddev | .0099650 | .5732    | .010000  | .36091   | .0020278   | .001191  |
| %RSD   | 2.329537 | .3453710 | .2163189 | .6575789 | 1.015883   | 11.42801 |
| #1     | .4385317 | 165.5599 | 4.618243 | 54.68880 | .2002897   | -.011617 |
| #2     | .4188650 | 166.6263 | 4.634164 | 55.30177 | .2012010   | -.010410 |
| #3     | .4259022 | 165.7287 | 4.615722 | 54.66518 | .1973230   | -.009235 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7176350 | .1889471 | 2.566720 | 5.896804 | F 11.74906 | -.300088 |
| Stddev | .0123082 | .0094278 | .009101  | .194668  | .03085     | .004587  |
| %RSD   | 1.715101 | 4.989645 | .3545780 | 3.301252 | .2625619   | 1.528519 |
| #1     | .7262747 | .1917916 | 2.568702 | 6.107493 | 11.76337   | -.298712 |
| #2     | .7230880 | .1966251 | 2.556792 | 5.723611 | 11.77016   | -.296346 |
| #3     | .7035424 | .1784246 | 2.574667 | 5.859306 | 11.71366   | -.305205 |

Sample Name: P5126-02      Acquired: 01/03/2025 15:18:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM99      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133920 | 5.045535 | 4.674225 | .2512143 | .9418363 | .1961223 |
| Stddev | .0008316 | .016174  | .023186  | .0017372 | .0072065 | .0016064 |
| %RSD   | 6.209903 | .3205512 | .4960380 | .6915365 | .7651497 | .8190876 |
| #1     | .0129580 | 5.035435 | 4.655078 | .2502972 | .9376559 | .1945945 |
| #2     | .0143508 | 5.064189 | 4.667593 | .2532179 | .9501575 | .1977972 |
| #3     | .0128671 | 5.036980 | 4.700004 | .2501278 | .9376954 | .1959750 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0719468 |
| Stddev | .0070023 |
| %RSD   | 9.732544 |
| #1     | .0660268 |
| #2     | .0796762 |
| #3     | .0701375 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1951.000 | 19784.44 | 1971.266 | 1459.812 | 1877.244 |
| Stddev    | 3.278    | 55.35    | 2.503    | 3.890    | 4.179    |
| %RSD      | .1680239 | .2797589 | .1269584 | .2664764 | .2225979 |
| #1        | 1947.446 | 19731.72 | 1970.592 | 1455.386 | 1872.951 |
| #2        | 1953.906 | 19779.51 | 1974.037 | 1462.687 | 1877.483 |
| #3        | 1951.648 | 19842.08 | 1969.169 | 1461.364 | 1881.298 |

Sample Name: P5126-16      Acquired: 01/03/2025 15:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2186262 | -.017687 | 2.741373 | .1244521 | .0594805   | 73.96075 |
| Stddev | .0031810 | .001911  | .000553  | .0100449 | .0045311   | .28396   |
| %RSD   | 1.455010 | 10.80456 | .0201659 | 8.071333 | 7.617798   | .3839275 |
| #1     | .2213420 | -.019891 | 2.741853 | .1295199 | .0643370   | 74.24741 |
| #2     | .2194101 | -.016480 | 2.741497 | .1309536 | .0587379   | 73.67958 |
| #3     | .2151265 | -.016691 | 2.740768 | .1128828 | .0553665   | 73.95527 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.596058 | .0077351 | .0083024 | 249.8388 | .1623631   | .1642136 |
| Stddev | .003693  | .0002140 | .0002803 | .6357    | .0008760   | .0012189 |
| %RSD   | .2313592 | 2.766926 | 3.376220 | .2544464 | .5395378   | .7422875 |
| #1     | 1.595434 | .0079666 | .0083452 | 250.4974 | .1627240   | .1635213 |
| #2     | 1.592716 | .0076942 | .0080031 | 249.2288 | .1613643   | .1656210 |
| #3     | 1.600022 | .0075444 | .0085588 | 249.7902 | .1630011   | .1634984 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5649014 | 247.1735 | 21.71324 | 34.80055 | .2060889   | -.013888 |
| Stddev | .0053683 | .7951    | .05786   | .13263   | .0011898   | .000589  |
| %RSD   | .9503054 | .3216900 | .2664670 | .3811209 | .5773141   | 4.243188 |
| #1     | .5598611 | 248.0910 | 21.77928 | 34.91096 | .2074488   | -.014015 |
| #2     | .5642965 | 246.7451 | 21.67149 | 34.65342 | .2052398   | -.014403 |
| #3     | .5705465 | 246.6845 | 21.68894 | 34.83725 | .2055782   | -.013245 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7458208 | .2117989 | 1.610795 | 10.13980 | F 13.75797 | -.495518 |
| Stddev | .0055354 | .0153727 | .008731  | .08289   | .04771     | .013425  |
| %RSD   | .7421961 | 7.258152 | .5420313 | .8174261 | .3467748   | 2.709266 |
| #1     | .7452230 | .2044986 | 1.617270 | 10.21645 | 13.79554   | -.498229 |
| #2     | .7406084 | .2014367 | 1.600865 | 10.05184 | 13.77406   | -.480944 |
| #3     | .7516308 | .2294615 | 1.614249 | 10.15111 | 13.70429   | -.507380 |

Sample Name: P5126-16      Acquired: 01/03/2025 15:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0148410 | 3.857958 | 4.275694 | .1698437 | .8932016 | .1966950 |
| Stddev | .0003777 | .036457  | .047668  | .0024672 | .0013024 | .0008491 |
| %RSD   | 2.545213 | .9449702 | 1.114861 | 1.452602 | .1458066 | .4316615 |
| #1     | .0147426 | 3.887677 | 4.312259 | .1726250 | .8926966 | .1969268 |
| #2     | .0145223 | 3.868918 | 4.221782 | .1679193 | .8922274 | .1957541 |
| #3     | .0152582 | 3.817278 | 4.293042 | .1689867 | .8946808 | .1974040 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0865996 |
| Stddev | .0029557 |
| %RSD   | 3.413061 |
| #1     | .0864018 |
| #2     | .0896493 |
| #3     | .0837478 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2240.212 | 22670.80 | 2271.389 | 1670.202 | 1859.723 |
| Stddev    | 2.422    | 66.95    | 17.910   | .678     | 1.347    |
| %RSD      | .1080968 | .2953063 | .7884989 | .0405693 | .0724056 |
| #1        | 2240.942 | 22656.05 | 2255.223 | 1670.339 | 1858.293 |
| #2        | 2242.184 | 22612.46 | 2290.642 | 1669.467 | 1860.966 |
| #3        | 2237.509 | 22743.90 | 2268.302 | 1670.801 | 1859.909 |

Sample Name: P5126-03      Acquired: 01/03/2025 15:26:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1936050 | -.022671 | 4.443515 | .0772362 | .0562441 | 54.98736 |
| Stddev | .0049848 | .002787  | .006506  | .0045078 | .0020312 | .25713   |
| %RSD   | 2.574727 | 12.29232 | .1464196 | 5.836408 | 3.611384 | .4676252 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1967144 | -.019528 | 4.451017 | .0736525 | .0583247 | 55.25972 |
| #2 | .1962452 | -.023645 | 4.440101 | .0822973 | .0561415 | 54.74879 |
| #3 | .1878554 | -.024840 | 4.439426 | .0757586 | .0542662 | 54.95357 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.599917 | .0078637 | .0083697 | 186.5311 | .1829584 | .1095886 |
| Stddev | .009751  | .0001196 | .0000893 | .3870    | .0011571 | .0006015 |
| %RSD   | .6094377 | 1.520419 | 1.066578 | .2074844 | .6324310 | .5488897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.590342 | .0079754 | .0083333 | 186.5937 | .1832333 | .1095696 |
| #2 | 1.599574 | .0078781 | .0084714 | 186.1166 | .1839533 | .1101994 |
| #3 | 1.609834 | .0077376 | .0083044 | 186.8830 | .1816887 | .1089968 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6050659 | 189.7123 | 6.445309 | 51.53213 | .2166037 | -.009483 |
| Stddev | .0170385 | .4627    | .032803  | .32158   | .0013214 | .001442  |
| %RSD   | 2.815975 | .2439205 | .5089369 | .6240421 | .6100331 | 15.21100 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5890214 | 190.1977 | 6.473376 | 51.75133 | .2177074 | -.009419 |
| #2 | .6229492 | 189.2761 | 6.409248 | 51.16295 | .2151395 | -.008073 |
| #3 | .6032270 | 189.6632 | 6.453302 | 51.68210 | .2169643 | -.010956 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9229348 | .2040811 | 3.477506 | 6.174594 | F 14.82853 | -.352546 |
| Stddev | .0185016 | .0065218 | .013820  | .007248  | .03491     | .001719  |
| %RSD   | 2.004649 | 3.195686 | .3974191 | .1173816 | .2354103   | .4875929 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9277910 | .2086502 | 3.487664 | 6.177758 | 14.86835 | -.352721 |
| #2 | .9385239 | .1966123 | 3.483087 | 6.179722 | 14.80323 | -.354171 |
| #3 | .9024894 | .2069809 | 3.461768 | 6.166302 | 14.81401 | -.350746 |



Sample Name: P5126-03      Acquired: 01/03/2025 15:26:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0144904 | 4.046266 | 6.726216 | .3998661 | 1.088960 | .2735159 |
| Stddev | .0005235 | .023018  | .039069  | .0024797 | .005674  | .0014015 |
| %RSD   | 3.612788 | .5688669 | .5808401 | .6201429 | .5210293 | .5123916 |
| #1     | .0139821 | 4.070945 | 6.759038 | .4015990 | 1.095357 | .2750716 |
| #2     | .0144612 | 4.042474 | 6.736606 | .4009738 | 1.086983 | .2723520 |
| #3     | .0150279 | 4.025380 | 6.683002 | .3970256 | 1.084538 | .2731242 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0852440 |
| Stddev | .0018950 |
| %RSD   | 2.223009 |
| #1     | .0872045 |
| #2     | .0851053 |
| #3     | .0834222 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2002.415 | 20291.28 | 2019.935 | 1488.250 | 1893.982 |
| Stddev    | 1.663    | 35.61    | 6.141    | 3.170    | 1.159    |
| %RSD      | .0830317 | .1754849 | .3040333 | .2130016 | .0612167 |
| #1        | 2004.241 | 20280.89 | 2013.123 | 1485.702 | 1893.658 |
| #2        | 2000.989 | 20262.03 | 2021.632 | 1487.248 | 1893.019 |
| #3        | 2002.015 | 20330.93 | 2025.049 | 1491.800 | 1895.269 |

Sample Name: P5126-04      Acquired: 01/03/2025 15:30:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1820366 | -.021613 | 4.208228 | .0796914 | .0539496 | 52.83409 |
| Stddev | .0027870 | .002484  | .009704  | .0071797 | .0014882 | .17890   |
| %RSD   | 1.531001 | 11.49118 | .2306016 | 9.009352 | 2.758442 | .3386161 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1851795 | -.019421 | 4.219423 | .0746133 | .0540001 | 52.89566 |
| #2 | .1798660 | -.024311 | 4.202209 | .0879056 | .0524368 | 52.63253 |
| #3 | .1810643 | -.021107 | 4.203052 | .0765553 | .0554118 | 52.97408 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.557454 | .0077123 | .0082036 | 178.1910 | .1755376 | .1084836 |
| Stddev | .004977  | .0002949 | .0001922 | .2630    | .0014619 | .0003820 |
| %RSD   | .3195277 | 3.824209 | 2.342793 | .1476182 | .8327901 | .3521403 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.562067 | .0074496 | .0083546 | 178.4055 | .1738882 | .1088061 |
| #2 | 1.552180 | .0080314 | .0082690 | 177.8976 | .1766733 | .1080617 |
| #3 | 1.558115 | .0076561 | .0079873 | 178.2701 | .1760512 | .1085830 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5896917 | 186.3931 | 6.113031 | 44.89003 | .2102080 | -.010992 |
| Stddev | .0014582 | .6520    | .021332  | .39074   | .0007484 | .001376  |
| %RSD   | .2472778 | .3498010 | .3489602 | .8704450 | .3560487 | 12.51573 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5885164 | 186.1975 | 6.114074 | 44.81978 | .2102846 | -.011629 |
| #2 | .5913235 | 185.8613 | 6.091197 | 44.53918 | .2109152 | -.009413 |
| #3 | .5892352 | 187.1205 | 6.133823 | 45.31113 | .2094242 | -.011934 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9755674 | .2145572 | 3.334001 | 6.344714 | F 14.34585 | -.336918 |
| Stddev | .0077535 | .0116833 | .007631  | .217727  | .02861     | .002776  |
| %RSD   | .7947693 | 5.445316 | .2288955 | 3.431625 | .1994552   | .8240761 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9787320 | .2275737 | 3.334127 | 6.593843 | 14.37365 | -.334767 |
| #2 | .9667321 | .2111196 | 3.326307 | 6.249404 | 14.31649 | -.335935 |
| #3 | .9812381 | .2049784 | 3.341569 | 6.190894 | 14.34741 | -.340052 |

Sample Name: P5126-04      Acquired: 01/03/2025 15:30:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0158409 | 4.312583 | 6.424009 | .3826187 | 1.063861 | .2545024 |
| Stddev | .0007989 | .015728  | .031404  | .0023426 | .004547  | .0008185 |
| %RSD   | 5.043605 | .3647083 | .4888466 | .6122584 | .4273699 | .3216201 |
| #1     | .0167393 | 4.302725 | 6.388969 | .3811809 | 1.069067 | .2543673 |
| #2     | .0152100 | 4.304303 | 6.433449 | .3853219 | 1.060674 | .2537599 |
| #3     | .0155736 | 4.330722 | 6.449611 | .3813535 | 1.061841 | .2553801 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0844631 |
| Stddev | .0022944 |
| %RSD   | 2.716501 |
| #1     | .0818233 |
| #2     | .0859775 |
| #3     | .0855886 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1982.962 | 20222.61 | 2001.981 | 1482.855 | 1890.997 |
| Stddev    | 3.428    | 151.65   | 8.876    | 8.900    | 4.893    |
| %RSD      | .1728589 | .7499042 | .4433508 | .6002199 | .2587588 |
| #1        | 1981.647 | 20104.77 | 2003.938 | 1477.793 | 1888.974 |
| #2        | 1986.853 | 20393.71 | 2009.715 | 1493.132 | 1896.577 |
| #3        | 1980.388 | 20169.37 | 1992.290 | 1477.640 | 1887.439 |

Sample Name: P5126-03LX5      Acquired: 01/03/2025 15:33:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0394629 | .0017079 | .9422519 | .0153466 | .0098809 | 12.25184 | .3700434 |
| Stddev | .0028611 | .0040356 | .0066450 | .0092256 | .0022516 | .08117   | .0033179 |
| %RSD   | 7.250133 | 236.2928 | .7052287 | 60.11512 | 22.78774 | .6624855 | .8966225 |
| #1     | .0377957 | .0031193 | .9418547 | .0054098 | .0076720 | 12.25061 | .3666945 |
| #2     | .0427666 | .0048482 | .9358143 | .0169896 | .0097976 | 12.17130 | .3701064 |
| #3     | .0378265 | -.002844 | .9490865 | .0236403 | .0121730 | 12.33362 | .3733294 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018524 | .0016646 | 43.04821 | .0418638 | .0341488 | .1386082 | 43.30098 |
| Stddev | .0000931 | .0001209 | .13005   | .0012254 | .0003145 | .0042840 | .14472   |
| %RSD   | 5.027518 | 7.264766 | .3020956 | 2.927206 | .9209010 | 3.090713 | .3342093 |
| #1     | .0017548 | .0017726 | 42.96300 | .0409806 | .0340007 | .1393864 | 43.32962 |
| #2     | .0018621 | .0015339 | 42.98374 | .0432628 | .0339358 | .1339885 | 43.14409 |
| #3     | .0019403 | .0016872 | 43.19790 | .0413480 | .0345100 | .1424498 | 43.42924 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.476267 | 11.76021 | .0419120 | -.003189 | .2192656 | .0461645 | .7908416 |
| Stddev | .005018  | .07528   | .0002286 | .001370  | .0291401 | .0028566 | .0061417 |
| %RSD   | .3399336 | .6401584 | .5453252 | 42.96109 | 13.28985 | 6.187799 | .7765984 |
| #1     | 1.479557 | 11.68587 | .0417469 | -.001626 | .2528349 | .0444090 | .7978219 |
| #2     | 1.470491 | 11.75835 | .0418162 | -.004183 | .2044744 | .0446238 | .7862669 |
| #3     | 1.478754 | 11.83640 | .0421728 | -.003759 | .2004877 | .0494606 | .7884359 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.511335 | 3.108347 | -.082913 | .0048207 | .8368950 | 1.223505 | .0735587 |
| Stddev | .103448  | .026158  | .001896  | .0007100 | .0036940 | .017281  | .0017947 |
| %RSD   | 6.844816 | .8415428 | 2.286995 | 14.72769 | .4413960 | 1.412428 | 2.439807 |
| #1     | 1.465052 | 3.087289 | -.081055 | .0049526 | .8329903 | 1.231093 | .0715577 |
| #2     | 1.629844 | 3.100122 | -.082838 | .0054555 | .8373605 | 1.203728 | .0740926 |
| #3     | 1.439110 | 3.137629 | -.084845 | .0040541 | .8403342 | 1.235693 | .0750259 |

Sample Name: P5126-03LX5      Acquired: 01/03/2025 15:33:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2292968 | .0612627 | .0100854 |
| Stddev | .0025121 | .0002852 | .0027716 |
| %RSD   | 1.095585 | .4654789 | 27.48152 |
| #1     | .2307763 | .0612900 | .0091801 |
| #2     | .2263962 | .0609649 | .0078796 |
| #3     | .2307178 | .0615332 | .0131965 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1847.046 | 18876.91 | 1843.604 | 1398.308 | 1953.455 |
| Stddev    | 4.817    | 91.82    | 15.019   | 9.737    | 4.939    |
| %RSD      | .2607843 | .4864275 | .8146771 | .6963345 | .2528394 |
| #1        | 1852.263 | 18842.80 | 1833.335 | 1390.001 | 1958.697 |
| #2        | 1846.107 | 18807.02 | 1860.842 | 1395.900 | 1952.781 |
| #3        | 1842.768 | 18980.91 | 1836.635 | 1409.023 | 1948.888 |

Sample Name: P5127-04      Acquired: 01/03/2025 15:37:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0611451 | .0140703 | .3826018 | .0049526 | .0147315 | 39.15405 |
| Stddev | .0070858 | .0039978 | .0027145 | .0080269 | .0028808 | .09170   |
| %RSD   | 11.58848 | 28.41341 | .7094715 | 162.0755 | 19.55512 | .2342151 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0634912 | .0119601 | .3853173 | -.002836 | .0151556 | 39.18467 |
| #2 | .0667603 | .0115697 | .3825997 | .004495  | .0173768 | 39.22653 |
| #3 | .0531838 | .0186811 | .3798884 | .013198  | .0116623 | 39.05095 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3938866 | .0051445 | .0030487 | F 1866.261 | .0593834 | .1247332 |
| Stddev | .0033436 | .0000621 | .0001817 | 11.033     | .0008945 | .0010323 |
| %RSD   | .8488693 | 1.207766 | 5.959096 | .5911761   | 1.506320 | .8275992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3944977 | .0051319 | .0030906 | 1866.183 | .0603996 | .1235879 |
| #2 | .3968824 | .0052119 | .0028498 | 1877.333 | .0590359 | .1250201 |
| #3 | .3902795 | .0050896 | .0032059 | 1855.267 | .0587149 | .1255918 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2148242 | 125.7643 | 7.621029 | 202.2940 | .1423951 | -.009010 |
| Stddev | .0045688 | .1786    | .026648  | .2318    | .0016437 | .000512  |
| %RSD   | 2.126780 | .1420114 | .3496625 | .1145909 | 1.154302 | 5.684921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2178003 | 125.6105 | 7.607441 | 202.0591 | .1441325 | -.009036 |
| #2 | .2171087 | 125.9602 | 7.651732 | 202.5226 | .1408648 | -.009508 |
| #3 | .2095637 | 125.7221 | 7.603914 | 202.3003 | .1421881 | -.008485 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.687741 | .0637144 | .6446990 | 14.72461 | 3.573379 | -.145532 |
| Stddev | .014509  | .0120280 | .0040940 | .05908   | .012244  | .001041  |
| %RSD   | .8596653 | 18.87791 | .6350243 | .4012121 | .3426507 | .7153951 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.685012 | .0510587 | .6403193 | 14.78628 | 3.584384 | -.146279 |
| #2 | 1.674790 | .0650879 | .6453480 | 14.71903 | 3.560190 | -.145975 |
| #3 | 1.703420 | .0749967 | .6484297 | 14.66852 | 3.575564 | -.144343 |

Sample Name: P5127-04      Acquired: 01/03/2025 15:37:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007175 | 2.905342 | 4.377236 | .0222720 | .0634765 | 1.741473 |
| Stddev | .0015399 | .014261  | .028951  | .0046510 | .0040995 | .005960  |
| %RSD   | 214.6057 | .4908625 | .6614012 | 20.88272 | 6.458297 | .3422247 |
| #1     | .0018496 | 2.912395 | 4.354480 | .0245861 | .0678930 | 1.739395 |
| #2     | -.001036 | 2.888928 | 4.409822 | .0253120 | .0627435 | 1.748193 |
| #3     | .001339  | 2.914701 | 4.367407 | .0169179 | .0597929 | 1.736830 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1132167 |
| Stddev | .0026588 |
| %RSD   | 2.348424 |
| #1     | .1143549 |
| #2     | .1151169 |
| #3     | .1101783 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1820.479 | 18488.56 | 1910.163 | 1345.706 | 1567.958 |
| Stddev    | 3.864    | 65.40    | 11.473   | 3.209    | 4.488    |
| %RSD      | .2122286 | .3537136 | .6006250 | .2384913 | .2862199 |
| #1        | 1824.857 | 18562.22 | 1920.127 | 1346.496 | 1571.762 |
| #2        | 1819.038 | 18466.10 | 1897.620 | 1348.446 | 1569.103 |
| #3        | 1817.544 | 18437.35 | 1912.741 | 1342.175 | 1563.008 |

Sample Name: P5127-05      Acquired: 01/03/2025 15:41:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0591848 | .0146018 | .3842258 | .0077389 | .0176842 | 39.27771 |
| Stddev | .0060768 | .0049466 | .0028517 | .0036529 | .0003184 | .03475   |
| %RSD   | 10.26755 | 33.87645 | .7421967 | 47.20169 | 1.800718 | .0884710 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0538801 | .0143224 | .3838469 | .0106820 | .0177577 | 39.29185 |
| #2 | .0578592 | .0196822 | .3815824 | .0088839 | .0173354 | 39.30315 |
| #3 | .0658149 | .0098009 | .3872480 | .0036506 | .0179595 | 39.23811 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3836615 | .0049565 | .0030348 | F 1842.094 | .0587563 | .1238033 |
| Stddev | .0025438 | .0001195 | .0001256 | 9.250      | .0010386 | .0003275 |
| %RSD   | .6630216 | 2.411137 | 4.140450 | .5021431   | 1.767706 | .2645682 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3864717 | .0050519 | .0031669 | 1832.781 | .0599204 | .1234580 |
| #2 | .3829965 | .0048225 | .0029168 | 1842.224 | .0584241 | .1241096 |
| #3 | .3815162 | .0049952 | .0030206 | 1851.279 | .0579244 | .1238423 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2083538 | 124.9154 | 7.571320 | 201.4331 | .1431276 | -.007963 |
| Stddev | .0065314 | .2682    | .022694  | .5067    | .0012973 | .000875  |
| %RSD   | 3.134754 | .2146803 | .2997321 | .2515490 | .9064070 | 10.98174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2020026 | 124.6063 | 7.545390 | 200.8483 | .1445736 | -.006981 |
| #2 | .2080071 | 125.0538 | 7.581010 | 201.7088 | .1427434 | -.008657 |
| #3 | .2150516 | 125.0862 | 7.587561 | 201.7421 | .1420657 | -.008252 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.683083 | .0783392 | .6449996 | 14.47119 | 3.544705 | -.146155 |
| Stddev | .031769  | .0030319 | .0026805 | .22784   | .005291  | .002177  |
| %RSD   | 1.887555 | 3.870257 | .4155798 | 1.574421 | .1492577 | 1.489785 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.648488 | .0816027 | .6463724 | 14.71086 | 3.539797 | -.148022 |
| #2 | 1.689815 | .0756099 | .6419108 | 14.44530 | 3.544007 | -.143763 |
| #3 | 1.710948 | .0778049 | .6467157 | 14.25740 | 3.550310 | -.146680 |



Sample Name: P5127-05      Acquired: 01/03/2025 15:41:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000079 | 2.886770 | 5.668521 | .0173543 | .0713769 | 1.732973 |
| Stddev | .001008  | .016963  | .024286  | .0015448 | .0056357 | .000806  |
| %RSD   | 1278.375 | .5876034 | .4284324 | 8.901451 | 7.895745 | .0464885 |
| #1     | -.000755 | 2.887547 | 5.652356 | .0164423 | .0692809 | 1.733625 |
| #2     | -.000562 | 2.869432 | 5.696448 | .0164827 | .0777604 | 1.733221 |
| #3     | .001080  | 2.903330 | 5.656758 | .0191379 | .0670896 | 1.732072 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1140021 |
| Stddev | .0034842 |
| %RSD   | 3.056305 |
| #1     | .1180233 |
| #2     | .1118788 |
| #3     | .1121042 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1822.561 | 18506.52 | 1904.686 | 1348.626 | 1567.223 |
| Stddev    | 4.480    | 126.77   | 4.650    | 11.360   | 4.255    |
| %RSD      | .2458055 | .6850046 | .2441091 | .8423085 | .2715053 |
| #1        | 1817.558 | 18385.81 | 1899.753 | 1336.613 | 1562.310 |
| #2        | 1823.927 | 18638.59 | 1905.320 | 1359.194 | 1569.730 |
| #3        | 1826.200 | 18495.15 | 1908.987 | 1350.070 | 1569.629 |

Sample Name: P5127-04DLX5      Acquired: 01/03/2025 15:45:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079341 | .0305671 | .0887853 | -.023565 | .0009902 | 8.905927 | .0864868 |
| Stddev | .0011798 | .0073608 | .0020159 | .003764  | .0026865 | .057571  | .0001134 |
| %RSD   | 14.86999 | 24.08087 | 2.270593 | 15.97168 | 271.3065 | .6464403 | .1310630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084384 | .0239874 | .0903015 | -.024827 | .0019264 | 8.969658 | .0864887 |
| #2 | .0065860 | .0291973 | .0895569 | -.026535 | -.002039 | 8.857684 | .0865992 |
| #3 | .0087779 | .0385166 | .0864976 | -.019332 | .003083  | 8.890439 | .0863725 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010137 | .0005324 | 423.1190 | .0145418 | .0510374 | .0603488 | 28.55058 |
| Stddev | .0001101 | .0000706 | .5549    | .0010593 | .0012602 | .0057456 | .08631   |
| %RSD   | 10.86300 | 13.25623 | .1311486 | 7.284893 | 2.469091 | 9.520609 | .3023183 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008957 | .0006136 | 423.1175 | .0156402 | .0504432 | .0539116 | 28.64613 |
| #2 | .0010317 | .0004855 | 422.5649 | .0135264 | .0524848 | .0621771 | 28.52734 |
| #3 | .0011137 | .0004982 | 423.6747 | .0144587 | .0501841 | .0649578 | 28.47827 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.755672 | 46.42834 | .0289466 | -.000277 | .3957783 | .0188653 | .1511915 |
| Stddev | .004744  | .09135   | .0022505 | .000202  | .0068324 | .0063060 | .0007864 |
| %RSD   | .2702104 | .1967595 | 7.774698 | 72.86741 | 1.726311 | 33.42643 | .5201449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.759979 | 46.32519 | .0270624 | -.000163 | .4011168 | .0182570 | .1520865 |
| #2 | 1.750587 | 46.49902 | .0314386 | -.000158 | .3880785 | .0128854 | .1506113 |
| #3 | 1.756450 | 46.46082 | .0283387 | -.000510 | .3981396 | .0254533 | .1508766 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.939773 | .6728914 | -.038894 | .0052286 | .5403017 | 1.004061 | -.003038 |
| Stddev | .113840  | .0004479 | .000869  | .0015437 | .0045904 | .007304  | .001138  |
| %RSD   | 3.872414 | .0665593 | 2.234718 | 29.52450 | .8495971 | .7274782 | 37.45995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.957780 | .6731384 | -.039164 | .0047453 | .5354637 | 1.006058 | -.001822 |
| #2 | 2.818002 | .6731615 | -.039595 | .0039843 | .5445960 | .995965  | -.003214 |
| #3 | 3.043536 | .6723745 | -.037921 | .0069561 | .5408454 | 1.010158 | -.004077 |

Sample Name: P5127-04DLX5      Acquired: 01/03/2025 15:45:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0106523 | .3858732 | .0276301 |
| Stddev | .0066601 | .0017123 | .0020147 |
| %RSD   | 62.52247 | .4437567 | 7.291728 |
| #1     | .0183415 | .3864006 | .0258431 |
| #2     | .0066881 | .3839592 | .0272336 |
| #3     | .0069274 | .3872597 | .0298135 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1774.580 | 17927.10 | 1803.113 | 1315.886 | 1804.856 |
| Stddev    | 1.504    | 30.89    | 6.085    | 6.470    | 1.328    |
| %RSD      | .0847573 | .1723291 | .3374756 | .4916514 | .0735577 |
| #1        | 1773.907 | 17908.38 | 1798.994 | 1314.009 | 1805.955 |
| #2        | 1776.303 | 17910.17 | 1810.103 | 1310.563 | 1805.233 |
| #3        | 1773.530 | 17962.76 | 1800.243 | 1323.087 | 1803.381 |

Sample Name: P5127-06      Acquired: 01/03/2025 15:49:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1469153 | .1059430 | .4349915 | .1711169 | .1813410 | 42.50210 |
| Stddev | .0092811 | .0045152 | .0031262 | .0096046 | .0051205 | .14036   |
| %RSD   | 6.317280 | 4.261926 | .7186891 | 5.612910 | 2.823715 | .3302462 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1471145 | .1009287 | .4380545 | .1651769 | .1839755 | 42.56318 |
| #2 | .1375363 | .1072135 | .4351145 | .1821978 | .1754396 | 42.34155 |
| #3 | .1560952 | .1096869 | .4318056 | .1659761 | .1846079 | 42.60158 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.062851 | .0986252 | .1081532 | F 1869.228 | .4424571 | 1.178026 |
| Stddev | .020210  | .0007352 | .0002551 | 12.185     | .0006174 | .000790  |
| %RSD   | .4974403 | .7454694 | .2358571 | .6518666   | .1395429 | .0670803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.085106 | .0994144 | .1082214 | 1881.834 | .4421626 | 1.178427 |
| #2 | 4.045642 | .0979596 | .1078710 | 1857.513 | .4420420 | 1.177116 |
| #3 | 4.057806 | .0985015 | .1083673 | 1868.339 | .4431666 | 1.178536 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6303173 | 127.1774 | 8.545198 | 201.7646 | 1.212719 | .0629805 |
| Stddev | .0025633 | .2899    | .011013  | .2757    | .000779  | .0013215 |
| %RSD   | .4066666 | .2279810 | .1288838 | .1366539 | .0642424 | 2.098249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6326102 | 127.4020 | 8.556434 | 201.5772 | 1.212667 | .0643564 |
| #2 | .6307918 | 126.8501 | 8.534422 | 201.6354 | 1.211967 | .0628638 |
| #3 | .6275499 | 127.2803 | 8.544736 | 202.0812 | 1.213522 | .0617212 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.696052 | 1.022876 | 1.506095 | 14.72341 | 3.572654 | -.160329 |
| Stddev | .029316  | .006983  | .005871  | .12657   | .011998  | .001147  |
| %RSD   | 1.728476 | .6826765 | .3898314 | .8596271 | .3358408 | .7152387 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.717361 | 1.028802 | 1.512743 | 14.80048 | 3.578195 | -.161172 |
| #2 | 1.662619 | 1.024648 | 1.501621 | 14.57733 | 3.580881 | -.160792 |
| #3 | 1.708175 | 1.015178 | 1.503922 | 14.79241 | 3.558886 | -.159023 |

Sample Name: P5127-06      Acquired: 01/03/2025 15:49:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005311 | 2.935098 | 4.438052 | .0181998 | .0614293 | 1.743752 |
| Stddev | .0002969 | .003188  | .026572  | .0020211 | .0019741 | .002052  |
| %RSD   | 55.89337 | .1086113 | .5987211 | 11.10493 | 3.213626 | .1176669 |
| #1     | .0008107 | 2.932211 | 4.461795 | .0163348 | .0611986 | 1.745866 |
| #2     | .0002195 | 2.934563 | 4.409351 | .0203472 | .0635086 | 1.741768 |
| #3     | .0005632 | 2.938519 | 4.443011 | .0179174 | .0595807 | 1.743623 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1130123 |
| Stddev | .0028834 |
| %RSD   | 2.551428 |
| #1     | .1132525 |
| #2     | .1157682 |
| #3     | .1100163 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1806.534 | 18478.88 | 1906.413 | 1351.280 | 1557.116 |
| Stddev    | 5.255    | 17.09    | 9.001    | 4.546    | 3.380    |
| %RSD      | .2909101 | .0924763 | .4721631 | .3364282 | .2170851 |
| #1        | 1812.589 | 18494.97 | 1901.445 | 1352.830 | 1560.675 |
| #2        | 1803.155 | 18480.72 | 1916.803 | 1354.848 | 1556.725 |
| #3        | 1803.859 | 18460.94 | 1900.989 | 1346.161 | 1553.948 |

Sample Name: P5128-19      Acquired: 01/03/2025 15:53:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2472903 | -.017124 | 5.488169 | .1017227 | .0477177 | 66.71898 |
| Stddev | .0082275 | .003899  | .004056  | .0032759 | .0009113 | .27291   |
| %RSD   | 3.327064 | 22.77114 | .0739080 | 3.220459 | 1.909711 | .4090375 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2532575 | -.013661 | 5.492677 | .1020391 | .0485644 | 67.01777 |
| #2 | .2507089 | -.021347 | 5.484816 | .1048290 | .0478353 | 66.65630 |
| #3 | .2379047 | -.016363 | 5.487013 | .0983001 | .0467533 | 66.48287 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.173136 | .0074753 | .0163277 | 121.4255 | .1771696 | .1446654 |
| Stddev | .003170  | .0001124 | .0001750 | .1324    | .0004847 | .0010120 |
| %RSD   | .1458591 | 1.504055 | 1.071920 | .1090027 | .2735806 | .6995612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.176408 | .0073986 | .0161744 | 121.4561 | .1775049 | .1447253 |
| #2 | 2.172920 | .0076043 | .0162903 | 121.5399 | .1773900 | .1436248 |
| #3 | 2.170079 | .0074228 | .0165184 | 121.2805 | .1766138 | .1456461 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8078334 | 195.4838 | 16.87644 | 33.40236 | .2401380 | -.005694 |
| Stddev | .0089076 | .8066    | .08511   | .11191   | .0009000 | .001493  |
| %RSD   | 1.102654 | .4126092 | .5043087 | .3350289 | .3747683 | 26.22169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7982850 | 196.2268 | 16.96659 | 33.52720 | .2394812 | -.007333 |
| #2 | .8159191 | 195.5986 | 16.86526 | 33.36885 | .2397689 | -.005337 |
| #3 | .8092962 | 194.6260 | 16.79748 | 33.31104 | .2411638 | -.004412 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.178686 | .1970572 | 3.494731 | 9.151259 | F 12.48010 | -.380542 |
| Stddev | .024674  | .0120447 | .009451  | .270196  | .01881     | .001191  |
| %RSD   | 2.093351 | 6.112263 | .2704243 | 2.952552 | .1506881   | .3129494 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.177515 | .1863546 | 3.487425 | 9.024725 | 12.46353 | -.381869 |
| #2 | 1.203925 | .2101004 | 3.505404 | 8.967550 | 12.47622 | -.379567 |
| #3 | 1.154619 | .1947168 | 3.491365 | 9.461503 | 12.50054 | -.380190 |

Sample Name: P5128-19      Acquired: 01/03/2025 15:53:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0159624 | 3.297823 | 5.531695 | .2374082 | .7399921 | .0614590 |
| Stddev | .0004181 | .003530  | .023329  | .0022109 | .0032133 | .0000630 |
| %RSD   | 2.619270 | .1070471 | .4217244 | .9312475 | .4342318 | .1025648 |
| #1     | .0159661 | 3.296771 | 5.558075 | .2366697 | .7368104 | .0614001 |
| #2     | .0155425 | 3.301759 | 5.523227 | .2398937 | .7399296 | .0615255 |
| #3     | .0163787 | 3.294938 | 5.513784 | .2356611 | .7432361 | .0614515 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0885500 |
| Stddev | .0010625 |
| %RSD   | 1.199865 |
| #1     | .0893390 |
| #2     | .0889692 |
| #3     | .0873419 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2176.721 | 22168.35 | 2181.958 | 1631.543 | 1920.412 |
| Stddev    | 7.100    | 57.80    | 2.606    | 5.743    | 6.123    |
| %RSD      | .3261650 | .2607405 | .1194552 | .3520101 | .3188619 |
| #1        | 2178.794 | 22233.08 | 2179.072 | 1635.458 | 1924.536 |
| #2        | 2182.554 | 22150.11 | 2182.664 | 1624.950 | 1923.325 |
| #3        | 2168.816 | 22121.88 | 2184.140 | 1634.221 | 1913.376 |

Sample Name: P5128-20      Acquired: 01/03/2025 15:57:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2367505 | -.014062 | 5.443698 | .0979040 | .0429648   | 64.73329 |
| Stddev | .0047270 | .003799  | .008099  | .0053475 | .0021133   | .25354   |
| %RSD   | 1.996609 | 27.01468 | .1487824 | 5.461929 | 4.918661   | .3916727 |
| #1     | .2343958 | -.017970 | 5.434557 | .1031538 | .0444822   | 65.02275 |
| #2     | .2421924 | -.013832 | 5.446556 | .0980943 | .0405511   | 64.62653 |
| #3     | .2336634 | -.010383 | 5.449980 | .0924640 | .0438612   | 64.55058 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.172252 | .0074684 | .0162333 | 120.2928 | .1742015   | .1451009 |
| Stddev | .013942  | .0002523 | .0002073 | .4379    | .0004684   | .0001826 |
| %RSD   | .6418399 | 3.378739 | 1.277072 | .3640201 | .2688792   | .1258704 |
| #1     | 2.181975 | .0071772 | .0163912 | 120.7004 | .1736607   | .1450019 |
| #2     | 2.178504 | .0076247 | .0159985 | 120.3481 | .1744616   | .1453116 |
| #3     | 2.156279 | .0076031 | .0163102 | 119.8298 | .1744820   | .1449891 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7934752 | 191.1957 | 16.40964 | 32.75849 | .2391489   | -.008471 |
| Stddev | .0044941 | .8462    | .07343   | .06187   | .0016767   | .001207  |
| %RSD   | .5663854 | .4425606 | .4474682 | .1888628 | .7011098   | 14.24632 |
| #1     | .7981573 | 191.9287 | 16.48603 | 32.70443 | .2390000   | -.009632 |
| #2     | .7891962 | 191.3886 | 16.40330 | 32.82596 | .2375516   | -.007223 |
| #3     | .7930720 | 190.2697 | 16.33959 | 32.74509 | .2408951   | -.008556 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.172614 | .1913846 | 3.394059 | 9.247728 | F 12.45085 | -.364208 |
| Stddev | .017475  | .0031549 | .016062  | .048620  | .02043     | .001100  |
| %RSD   | 1.490250 | 1.648444 | .4732325 | .5257527 | .1640991   | .3019082 |
| #1     | 1.177571 | .1948658 | 3.406344 | 9.299694 | 12.44038   | -.365470 |
| #2     | 1.153197 | .1887144 | 3.375883 | 9.203345 | 12.43777   | -.363703 |
| #3     | 1.187076 | .1905737 | 3.399949 | 9.240144 | 12.47439   | -.363452 |



Sample Name: P5128-20      Acquired: 01/03/2025 15:57:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0157707 | 3.256341 | 5.476824 | .2358836 | .7211262 | .0591282 |
| Stddev | .0003196 | .010294  | .020631  | .0018060 | .0073155 | .0001432 |
| %RSD   | 2.026593 | .3161193 | .3767007 | .7656168 | 1.014451 | .2421623 |
| #1     | .0155541 | 3.266945 | 5.500565 | .2361293 | .7293266 | .0592215 |
| #2     | .0161377 | 3.255689 | 5.463243 | .2339674 | .7152708 | .0591998 |
| #3     | .0156201 | 3.246388 | 5.466663 | .2375541 | .7187811 | .0589634 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0867107 |
| Stddev | .0011988 |
| %RSD   | 1.382572 |
| #1     | .0876688 |
| #2     | .0870969 |
| #3     | .0853663 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2187.594 | 22433.13 | 2194.717 | 1647.267 | 1932.967 |
| Stddev    | 3.616    | 51.75    | 7.994    | 9.482    | 1.903    |
| %RSD      | .1652790 | .2306654 | .3642424 | .5755997 | .0984516 |
| #1        | 2184.062 | 22441.42 | 2187.192 | 1644.569 | 1932.866 |
| #2        | 2187.432 | 22480.24 | 2203.109 | 1657.805 | 1934.919 |
| #3        | 2191.288 | 22377.75 | 2193.850 | 1639.427 | 1931.117 |

Sample Name: P5128-19LX5      Acquired: 01/03/2025 16:01:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0504023 | -.003155 | 1.123007 | .0258224 | .0084745 | 15.63615 | .5207639 |
| Stddev | .0012730 | .001809  | .001725  | .0035343 | .0006557 | .04344   | .0059483 |
| %RSD   | 2.525708 | 57.33030 | .1536371 | 13.68677 | 7.737744 | .2778431 | 1.142231 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0515538 | -.003954 | 1.123312 | .0258428 | .0078755 | 15.68033 | .5207128 |
| #2 | .0506178 | -.004426 | 1.121150 | .0222780 | .0091751 | 15.63466 | .5267377 |
| #3 | .0490353 | -.001084 | 1.124559 | .0293464 | .0083728 | 15.59348 | .5148413 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017372 | .0033205 | 28.95109 | .0420921 | .0381913 | .1796272 | 46.03556 |
| Stddev | .0002558 | .0001422 | .06138   | .0000644 | .0006247 | .0021684 | .08953   |
| %RSD   | 14.72453 | 4.282092 | .2119996 | .1530063 | 1.635579 | 1.207170 | .1944728 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019622 | .0032951 | 28.97816 | .0420278 | .0379454 | .1812861 | 45.98079 |
| #2 | .0017903 | .0031926 | 28.99428 | .0421566 | .0389015 | .1771736 | 45.98702 |
| #3 | .0014590 | .0034736 | 28.88083 | .0420919 | .0377270 | .1804220 | 46.13888 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.003678 | 8.002015 | .0467477 | -.000820 | .2564225 | .0417797 | .8256345 |
| Stddev | .005429  | .154433  | .0009497 | .000821  | .0029478 | .0031951 | .0016725 |
| %RSD   | .1356103 | 1.929926 | 2.031575 | 100.1243 | 1.149578 | 7.647390 | .2025725 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.009865 | 7.987726 | .0475537 | -.001254 | .2597531 | .0437930 | .8237348 |
| #2 | 3.999710 | 7.855223 | .0469886 | .000127  | .2541490 | .0380957 | .8268853 |
| #3 | 4.001458 | 8.163096 | .0457007 | -.001332 | .2553655 | .0434503 | .8262835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.142220 | 2.534124 | -.094306 | .0045464 | .6616743 | 1.328380 | .0361690 |
| Stddev | .045487  | .002742  | .002823  | .0007158 | .0025234 | .005609  | .0014913 |
| %RSD   | 2.123349 | .1082205 | 2.993217 | 15.74435 | .3813604 | .4222768 | 4.123090 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.194691 | 2.532040 | -.093607 | .0048706 | .6595933 | 1.333830 | .0373360 |
| #2 | 2.113949 | 2.533100 | -.097412 | .0037259 | .6644810 | 1.328685 | .0344889 |
| #3 | 2.118021 | 2.537231 | -.091898 | .0050428 | .6609486 | 1.322624 | .0366820 |

Sample Name: P5128-19LX5      Acquired: 01/03/2025 16:01:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1661074 | .0140542 | .0224698 |
| Stddev | .0038527 | .0001527 | .0047013 |
| %RSD   | 2.319398 | 1.086644 | 20.92280 |
| #1     | .1648204 | .0139219 | .0217057 |
| #2     | .1630629 | .0140193 | .0275063 |
| #3     | .1704388 | .0142213 | .0181973 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1902.136 | 19313.40 | 1874.047 | 1419.332 | 1986.024 |
| Stddev    | 2.676    | 12.82    | 8.376    | 3.330    | 3.560    |
| %RSD      | .1406684 | .0663772 | .4469503 | .2345955 | .1792625 |
| #1        | 1905.226 | 19321.45 | 1866.946 | 1423.083 | 1989.761 |
| #2        | 1900.607 | 19298.62 | 1871.910 | 1416.725 | 1985.639 |
| #3        | 1900.577 | 19320.14 | 1883.284 | 1418.188 | 1982.672 |

Sample Name: P5128-21      Acquired: 01/03/2025 16:05:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3261639 | .0636915 | 5.541806 | .2450180 | .1935100 | 68.67063 |
| Stddev | .0054433 | .0030288 | .014501  | .0093215 | .0043207 | .37026   |
| %RSD   | 1.668894 | 4.755442 | .2616692 | 3.804402 | 2.232826 | .5391760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3321211 | .0607611 | 5.529756 | .2350975 | .1885949 | 69.02139 |
| #2 | .3249210 | .0635035 | 5.537762 | .2535945 | .1952254 | 68.70695 |
| #3 | .3214494 | .0668099 | 5.557900 | .2463620 | .1967096 | 68.28355 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.596455 | .0946527 | .1159254 | 121.1195 | .5391390 | 1.164615 |
| Stddev | .002996  | .0006523 | .0003170 | .1771    | .0009371 | .002572  |
| %RSD   | .0535291 | .6891763 | .2734843 | .1462598 | .1738235 | .2208245 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.592997 | .0953303 | .1155942 | 121.1233 | .5391394 | 1.163085 |
| #2 | 5.598254 | .0945988 | .1159558 | 121.2947 | .5382016 | 1.163176 |
| #3 | 5.598114 | .0940290 | .1162261 | 120.9404 | .5400759 | 1.167584 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.192807 | 194.6725 | 17.48557 | 33.05175 | 1.278955 | .0576091 |
| Stddev | .012113  | .6663    | .05589   | .10772   | .002247  | .0010013 |
| %RSD   | 1.015503 | .3422549 | .3196313 | .3259068 | .1756805 | 1.738158 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.206542 | 195.2946 | 17.52687 | 33.16519 | 1.278572 | .0579434 |
| #2 | 1.183651 | 194.7535 | 17.50786 | 33.03921 | 1.276924 | .0564834 |
| #3 | 1.188228 | 193.9694 | 17.42197 | 32.95086 | 1.281368 | .0584005 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.177687 | 1.056343 | 4.261552 | 9.127311 | F 12.41747 | -.383087 |
| Stddev | .016700  | .004759  | .025166  | .173068  | .01583     | .004027  |
| %RSD   | 1.418021 | .4505471 | .5905390 | 1.896157 | .1275066   | 1.051121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.159831 | 1.050886 | 4.269823 | 9.081273 | 12.40488 | -.384775 |
| #2 | 1.192921 | 1.058506 | 4.233291 | 9.318742 | 12.41229 | -.385994 |
| #3 | 1.180310 | 1.059636 | 4.281542 | 8.981916 | 12.43525 | -.378491 |

Sample Name: P5128-21      Acquired: 01/03/2025 16:05:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMK9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0154180 | 3.316520 | 5.540292 | .2405534 | .7262760 | .0585817 |
| Stddev | .0003331 | .007241  | .027591  | .0025348 | .0053925 | .0001754 |
| %RSD   | 2.160516 | .2183194 | .4980114 | 1.053716 | .7424841 | .2993881 |
| #1     | .0155248 | 3.308518 | 5.563966 | .2433330 | .7316623 | .0583933 |
| #2     | .0150446 | 3.318424 | 5.546918 | .2383698 | .7262884 | .0586116 |
| #3     | .0156847 | 3.322619 | 5.509990 | .2399572 | .7208774 | .0587402 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0868785 |
| Stddev | .0009473 |
| %RSD   | 1.090392 |
| #1     | .0863871 |
| #2     | .0862779 |
| #3     | .0879706 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2181.757 | 22197.03 | 2184.852 | 1626.865 | 1925.577 |
| Stddev    | 6.426    | 33.30    | 13.119   | 6.931    | 3.407    |
| %RSD      | .2945118 | .1500345 | .6004455 | .4260203 | .1769164 |
| #1        | 2188.831 | 22177.01 | 2173.938 | 1623.150 | 1929.510 |
| #2        | 2180.160 | 22235.47 | 2181.212 | 1634.861 | 1923.645 |
| #3        | 2176.281 | 22178.59 | 2199.407 | 1622.583 | 1923.576 |

Sample Name: P5122-12      Acquired: 01/03/2025 16:08:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1485667 | -.027705 | 5.335357 | .0892314 | .0603685 | 59.44894 |
| Stddev | .0037745 | .001595  | .009914  | .0051591 | .0027345 | .19845   |
| %RSD   | 2.540586 | 5.758942 | .1858242 | 5.781682 | 4.529639 | .3338109 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1499050 | -.028545 | 5.324184 | .0832844 | .0606980 | 59.49481 |
| #2 | .1514897 | -.028704 | 5.343103 | .0919042 | .0629232 | 59.62044 |
| #3 | .1443054 | -.025865 | 5.338785 | .0925057 | .0574841 | 59.23158 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.945473 | .0079462 | .0076742 | 466.9157 | .1738992 | .1301745 |
| Stddev | .008905  | .0000595 | .0001377 | 1.2001   | .0001767 | .0006341 |
| %RSD   | .4577095 | .7488398 | 1.794426 | .2570298 | .1015912 | .4870737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.936147 | .0080072 | .0076413 | 465.6301 | .1737163 | .1305192 |
| #2 | 1.946384 | .0079430 | .0075558 | 467.1107 | .1739123 | .1305615 |
| #3 | 1.953886 | .0078883 | .0078253 | 468.0064 | .1740689 | .1294428 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4277065 | 228.1354 | 7.254069 | 73.74364 | .2477614 | -.015913 |
| Stddev | .0069523 | .1440    | .011614  | .23754   | .0015318 | .000971  |
| %RSD   | 1.625493 | .0631130 | .1601043 | .3221173 | .6182633 | 6.102622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4212481 | 228.1846 | 7.245052 | 73.79821 | .2460266 | -.016147 |
| #2 | .4350651 | 228.2483 | 7.267174 | 73.94915 | .2483303 | -.014847 |
| #3 | .4268063 | 227.9732 | 7.249980 | 73.48357 | .2489274 | -.016746 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.385169 | .2451423 | 3.297468 | 10.68931 | F 16.24211 | -.395688 |
| Stddev | .000625  | .0094084 | .012900  | .18341   | .03854     | .003504  |
| %RSD   | .0451570 | 3.837946 | .3912052 | 1.715781 | .2372833   | .8854388 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.385690 | .2442993 | 3.295130 | 10.48064 | 16.19882 | -.396327 |
| #2 | 1.384475 | .2549439 | 3.285897 | 10.76235 | 16.27271 | -.391909 |
| #3 | 1.385342 | .2361837 | 3.311377 | 10.82494 | 16.25478 | -.398828 |

Sample Name: P5122-12      Acquired: 01/03/2025 16:08:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108627 | 4.624033 | 4.844110 | .2278688 | 1.203986 | .9660812 |
| Stddev | .0010959 | .006000  | .030263  | .0013677 | .007499  | .0033731 |
| %RSD   | 10.08865 | .1297659 | .6247447 | .6001935 | .6228249 | .3491531 |
| #1     | .0114006 | 4.629620 | 4.855443 | .2283144 | 1.197863 | .9642996 |
| #2     | .0096018 | 4.617691 | 4.809816 | .2289580 | 1.212350 | .9699716 |
| #3     | .0115857 | 4.624788 | 4.867071 | .2263339 | 1.201746 | .9639725 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0988143 |
| Stddev | .0015082 |
| %RSD   | 1.526245 |
| #1     | .0974475 |
| #2     | .0985632 |
| #3     | .1004323 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1976.304 | 19999.02 | 2008.834 | 1459.129 | 1794.466 |
| Stddev    | 4.062    | 107.24   | 10.565   | 5.562    | 6.303    |
| %RSD      | .2055537 | .5362281 | .5259174 | .3811730 | .3512462 |
| #1        | 1980.885 | 20115.88 | 2012.656 | 1464.175 | 1801.739 |
| #2        | 1974.890 | 19976.07 | 2016.956 | 1460.045 | 1790.577 |
| #3        | 1973.138 | 19905.11 | 1996.890 | 1453.165 | 1791.084 |

Sample Name: P5122-13      Acquired: 01/03/2025 16:12:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1439594 | -.024659 | 5.327616 | .0862317 | .0590039 | 59.05396 |
| Stddev | .0031897 | .003633  | .007203  | .0039377 | .0043861 | .39809   |
| %RSD   | 2.215696 | 14.73245 | .1352005 | 4.566396 | 7.433566 | .6741111 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1416143 | -.023495 | 5.334236 | .0888268 | .0544236 | 59.34969 |
| #2 | .1426723 | -.021750 | 5.319945 | .0881675 | .0631658 | 58.60133 |
| #3 | .1475915 | -.028731 | 5.328667 | .0817008 | .0594225 | 59.21087 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.952015 | .0080120 | .0077606 | 465.1061 | .1726980 | .1296751 |
| Stddev | .004945  | .0002788 | .0000933 | 1.9323   | .0005854 | .0001611 |
| %RSD   | .2533471 | 3.480117 | 1.201822 | .4154580 | .3389790 | .1242478 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.957724 | .0077719 | .0078681 | 467.2718 | .1725997 | .1295364 |
| #2 | 1.949248 | .0079463 | .0077116 | 463.5582 | .1721680 | .1298518 |
| #3 | 1.949072 | .0083178 | .0077020 | 464.4883 | .1733264 | .1296370 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4199382 | 227.1053 | 7.212302 | 73.11536 | .2485275 | -.016647 |
| Stddev | .0081926 | 1.2616   | .045077  | .22136   | .0016182 | .001132  |
| %RSD   | 1.950916 | .5555209 | .6250023 | .3027533 | .6511358 | 6.801390 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4258145 | 228.4147 | 7.251396 | 73.24105 | .2501408 | -.016690 |
| #2 | .4105797 | 225.8976 | 7.162994 | 72.85977 | .2469043 | -.017757 |
| #3 | .4234205 | 227.0034 | 7.222516 | 73.24525 | .2485375 | -.015494 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.382610 | .2445469 | 3.275500 | 10.68046 | F 16.21208 | -.404269 |
| Stddev | .032003  | .0049191 | .010554  | .18746   | .00854     | .003833  |
| %RSD   | 2.314682 | 2.011529 | .3222248 | 1.755204 | .0526871   | .9480771 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.412485 | .2496116 | 3.263787 | 10.83798 | 16.22192 | -.403187 |
| #2 | 1.386508 | .2442414 | 3.278440 | 10.47312 | 16.20661 | -.408527 |
| #3 | 1.348836 | .2397875 | 3.284272 | 10.73028 | 16.20771 | -.401094 |



Sample Name: P5122-13      Acquired: 01/03/2025 16:12:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113920 | 4.583510 | 4.960472 | .2257363 | 1.199153 | .9608268 |
| Stddev | .0005995 | .005143  | .013282  | .0028012 | .003520  | .0056157 |
| %RSD   | 5.262628 | .1122068 | .2677487 | 1.240928 | .2935051 | .5844684 |
| #1     | .0112774 | 4.579619 | 4.963709 | .2289679 | 1.195135 | .9652994 |
| #2     | .0108580 | 4.589341 | 4.971836 | .2239993 | 1.200636 | .9545244 |
| #3     | .0120405 | 4.581570 | 4.945871 | .2242418 | 1.201689 | .9626566 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1038521 |
| Stddev | .0034981 |
| %RSD   | 3.368342 |
| #1     | .1075759 |
| #2     | .1033457 |
| #3     | .1006349 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1975.882 | 20025.37 | 2013.058 | 1470.545 | 1796.379 |
| Stddev    | 5.418    | 73.44    | 2.716    | 8.429    | 4.315    |
| %RSD      | .2742304 | .3667100 | .1349403 | .5732184 | .2401987 |
| #1        | 1969.925 | 20104.87 | 2014.148 | 1478.842 | 1792.494 |
| #2        | 1977.203 | 19960.06 | 2009.966 | 1470.804 | 1801.023 |
| #3        | 1980.517 | 20011.19 | 2015.059 | 1461.989 | 1795.621 |

Sample Name: P5122-12LX5      Acquired: 01/03/2025 16:16:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0254615 | .0090893 | 1.069729 | .0089212 | .0124238 | 13.65067 | .4330474 |
| Stddev | .0039585 | .0026454 | .000979  | .0030951 | .0019861 | .07413   | .0032435 |
| %RSD   | 15.54699 | 29.10414 | .0915292 | 34.69327 | 15.98618 | .5430703 | .7490034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0251773 | .0098039 | 1.068635 | .0077082 | .0126626 | 13.71805 | .4353882 |
| #2 | .0295544 | .0113040 | 1.070523 | .0066164 | .0142796 | 13.66271 | .4293450 |
| #3 | .0216527 | .0061601 | 1.070029 | .0124391 | .0103290 | 13.57125 | .4344090 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018898 | .0014105 | 104.6366 | .0395740 | .0448459 | .0964694 | 51.38230 |
| Stddev | .0002328 | .0001499 | .3182    | .0002855 | .0005782 | .0128490 | .26595   |
| %RSD   | 12.31815 | 10.62365 | .3041156 | .7215027 | 1.289246 | 13.31919 | .5175892 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016353 | .0015672 | 104.8490 | .0396655 | .0441867 | .0905782 | 51.56287 |
| #2 | .0020921 | .0012686 | 104.7901 | .0398026 | .0452672 | .0876224 | 51.50713 |
| #3 | .0019419 | .0013958 | 104.2708 | .0392540 | .0450837 | .1112076 | 51.07690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.653604 | 16.71371 | .0482016 | -.003715 | .2876228 | .0468345 | .7388179 |
| Stddev | .005189  | .15933   | .0003584 | .000217  | .0079613 | .0009258 | .0012001 |
| %RSD   | .3138236 | .9532924 | .7436259 | 5.846204 | 2.767978 | 1.976690 | .1624399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.655057 | 16.72789 | .0485405 | -.003856 | .2960779 | .0477705 | .7387557 |
| #2 | 1.657913 | 16.86548 | .0478264 | -.003465 | .2802701 | .0468136 | .7400479 |
| #3 | 1.647843 | 16.54777 | .0482381 | -.003824 | .2865204 | .0459193 | .7376501 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.138939 | 3.144479 | -.098219 | .0065334 | .8852194 | 1.119391 | .0365952 |
| Stddev | .124558  | .008425  | .001838  | .0009513 | .0038530 | .007824  | .0010146 |
| %RSD   | 5.823345 | .2679268 | 1.871267 | 14.56026 | .4352621 | .6989901 | 2.772424 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.272760 | 3.148593 | -.097424 | .0057402 | .8808744 | 1.128097 | .0354560 |
| #2 | 2.117675 | 3.150056 | -.096913 | .0075881 | .8882203 | 1.112947 | .0369280 |
| #3 | 2.026382 | 3.134787 | -.100321 | .0062718 | .8865635 | 1.117130 | .0374015 |

Sample Name: P5122-12LX5      Acquired: 01/03/2025 16:16:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2621690 | .2142539 | .0184680 |
| Stddev | .0038165 | .0011213 | .0044915 |
| %RSD   | 1.455739 | .5233459 | 24.32061 |
| #1     | .2609527 | .2154886 | .0173948 |
| #2     | .2664454 | .2139741 | .0146103 |
| #3     | .2591089 | .2132990 | .0233990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1869.861 | 18849.80 | 1865.376 | 1395.658 | 1952.606 |
| Stddev    | 2.354    | 82.88    | .718     | 11.979   | 2.650    |
| %RSD      | .1259135 | .4396846 | .0384928 | .8582935 | .1356974 |
| #1        | 1872.167 | 18926.78 | 1864.787 | 1404.833 | 1955.134 |
| #2        | 1867.461 | 18762.07 | 1865.165 | 1382.106 | 1949.849 |
| #3        | 1869.954 | 18860.56 | 1866.176 | 1400.035 | 1952.836 |

Sample Name: P5122-14      Acquired: 01/03/2025 16:20:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2257025 | .0585696 | 5.288775 | .2483200 | .2242464   | 62.30712 |
| Stddev | .0048077 | .0046311 | .011717  | .0111964 | .0049593   | .51944   |
| %RSD   | 2.130092 | 7.906982 | .2215429 | 4.508869 | 2.211519   | .8336692 |
| #1     | .2302941 | .0626258 | 5.275590 | .2515668 | .2245356   | 62.14380 |
| #2     | .2261089 | .0595594 | 5.292742 | .2358590 | .2191489   | 61.88896 |
| #3     | .2207045 | .0535237 | 5.297994 | .2575342 | .2290547   | 62.88858 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.605947 | .1006564 | .1086739 | 462.1904 | .5606071   | 1.152395 |
| Stddev | .031783  | .0013491 | .0003229 | 2.6537   | .0007658   | .000739  |
| %RSD   | .5669528 | 1.340295 | .2971138 | .5741549 | .1365988   | .0641676 |
| #1     | 5.597983 | .1012740 | .1086296 | 462.3058 | .5600057   | 1.152179 |
| #2     | 5.578903 | .0991091 | .1090166 | 459.4810 | .5614691   | 1.153218 |
| #3     | 5.640955 | .1015862 | .1083754 | 464.7846 | .5603463   | 1.151788 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8474973 | 227.8062 | 8.122889 | 72.87613 | 1.285074   | .0551353 |
| Stddev | .0100668 | 1.4329   | .064753  | .66894   | .000744    | .0008896 |
| %RSD   | 1.187826 | .6289841 | .7971618 | .9179092 | .0578673   | 1.613389 |
| #1     | .8365507 | 227.2379 | 8.101403 | 72.69017 | 1.285324   | .0557559 |
| #2     | .8495837 | 226.7446 | 8.071611 | 72.31984 | 1.285661   | .0555338 |
| #3     | .8563573 | 229.4360 | 8.195654 | 73.61836 | 1.284238   | .0541161 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.369503 | 1.209007 | 4.055035 | 10.63685 | F 15.92179 | -.405598 |
| Stddev | .019082  | .021870  | .020433  | .05948   | .02498     | .010341  |
| %RSD   | 1.393365 | 1.808920 | .5038853 | .5591477 | .1568785   | 2.549488 |
| #1     | 1.354862 | 1.184940 | 4.078585 | 10.57772 | 15.90022   | -.409635 |
| #2     | 1.362563 | 1.214417 | 4.044504 | 10.63614 | 15.94916   | -.393848 |
| #3     | 1.391084 | 1.227664 | 4.042016 | 10.69667 | 15.91601   | -.413311 |

Sample Name: P5122-14      Acquired: 01/03/2025 16:20:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0114068 | 4.483749 | 4.840767 | .2229679 | 1.196553 | .9542190 |
| Stddev | .0013781 | .012354  | .074993  | .0022664 | .012751  | .0068577 |
| %RSD   | 12.08100 | .2755354 | 1.549205 | 1.016474 | 1.065659 | .7186676 |
| #1     | .0105010 | 4.485930 | 4.866082 | .2218526 | 1.197591 | .9509693 |
| #2     | .0129927 | 4.494867 | 4.756392 | .2255758 | 1.183314 | .9495902 |
| #3     | .0107268 | 4.470449 | 4.899827 | .2214753 | 1.208753 | .9620974 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1001332 |
| Stddev | .0023563 |
| %RSD   | 2.353130 |
| #1     | .0975349 |
| #2     | .1021312 |
| #3     | .1007336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1959.090 | 19961.72 | 2008.749 | 1464.287 | 1790.835 |
| Stddev    | 6.913    | 122.24   | 23.696   | 4.741    | 8.445    |
| %RSD      | .3528837 | .6123629 | 1.179631 | .3237850 | .4715583 |
| #1        | 1967.071 | 20094.31 | 2013.612 | 1463.882 | 1800.186 |
| #2        | 1954.929 | 19853.50 | 2029.636 | 1459.762 | 1783.765 |
| #3        | 1955.272 | 19937.36 | 1982.999 | 1469.218 | 1788.553 |

Sample Name: P5124-19      Acquired: 01/03/2025 16:24:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1275737 | -.015387 | .8223771 | .0465710 | .0247583 | 50.96020 | .6613770 |
| Stddev | .0066180 | .001350  | .0029993 | .0037280 | .0009506 | .35057   | .0056403 |
| %RSD   | 5.187610 | 8.772697 | .3647138 | 8.004920 | 3.839696 | .6879228 | .8528166 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1300717 | -.013831 | .8246086 | .0427887 | .0242562 | 50.67965 | .6555387 |
| #2 | .1200702 | -.016238 | .8189676 | .0466821 | .0258547 | 51.35319 | .6667960 |
| #3 | .1325791 | -.016092 | .8235552 | .0502422 | .0241639 | 50.84775 | .6617963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076738 | .0024068 | 77.70113 | .0749920 | .0774819 | .1632869 | 112.0587 |
| Stddev | .0000208 | .0000940 | .68671   | .0010101 | .0004818 | .0017986 | .7715    |
| %RSD   | .2716484 | 3.903749 | .8837812 | 1.346958 | .6218399 | 1.101501 | .6884914 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076614 | .0023041 | 76.96194 | .0749711 | .0772224 | .1621596 | 111.2920 |
| #2 | .0076978 | .0024280 | 78.31925 | .0760124 | .0771854 | .1653612 | 112.8349 |
| #3 | .0076620 | .0024884 | 77.82222 | .0739925 | .0780378 | .1623401 | 112.0493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.181316 | 23.37849 | .1324190 | -.008463 | .8286789 | .1471519 | .5455679 |
| Stddev | .012338  | .16407   | .0004485 | .001461  | .0177906 | .0061398 | .0011283 |
| %RSD   | .5656058 | .7017835 | .3386680 | 17.26138 | 2.146868 | 4.172453 | .2068080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.176010 | 23.24174 | .1319256 | -.010133 | .8267277 | .1541393 | .5442803 |
| #2 | 2.195419 | 23.56041 | .1328018 | -.007419 | .8119443 | .1426190 | .5460399 |
| #3 | 2.172518 | 23.33332 | .1325295 | -.007838 | .8473647 | .1446975 | .5463835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.863531 | 4.553555 | -.149872 | .0136662 | 5.014756 | 4.447660 | .0277837 |
| Stddev | .109406  | .018857  | .002874  | .0008871 | .018732  | .015279  | .0007296 |
| %RSD   | 2.831771 | .4141210 | 1.917564 | 6.491130 | .3735410 | .3435228 | 2.625886 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.981282 | 4.570277 | -.152147 | .0127255 | 5.031430 | 4.431157 | .0269591 |
| #2 | 3.765022 | 4.557271 | -.146642 | .0144876 | 5.018351 | 4.461312 | .0283455 |
| #3 | 3.844288 | 4.533116 | -.150826 | .0137855 | 4.994487 | 4.450512 | .0280464 |

Sample Name: P5124-19      Acquired: 01/03/2025 16:24:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.366111 | .3170817 | .0561006 |
| Stddev | .010435  | .0021741 | .0018118 |
| %RSD   | .7638308 | .6856510 | 3.229518 |
| #1     | 1.354317 | .3156622 | .0540421 |
| #2     | 1.374144 | .3195846 | .0574530 |
| #3     | 1.369871 | .3159983 | .0568066 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1957.744 | 19942.89 | 1938.454 | 1466.962 | 1964.332 |
| Stddev    | 6.210    | 13.21    | 8.299    | 3.790    | 7.525    |
| %RSD      | .3172223 | .0662154 | .4281143 | .2583744 | .3830900 |
| #1        | 1951.330 | 19958.13 | 1948.008 | 1468.781 | 1957.442 |
| #2        | 1958.176 | 19934.68 | 1934.312 | 1469.499 | 1963.193 |
| #3        | 1963.728 | 19935.88 | 1933.042 | 1462.605 | 1972.362 |

Sample Name: P5124-20      Acquired: 01/03/2025 16:27:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1294643 | -.015113 | .8156356 | .0500239 | .0256168 | 50.49896 | .6675897 |
| Stddev | .0019355 | .002335  | .0124927 | .0052276 | .0012635 | .73421   | .0048311 |
| %RSD   | 1.494992 | 15.44843 | 1.531651 | 10.45017 | 4.932161 | 1.453916 | .7236685 |
| #1     | .1276180 | -.016343 | .8265328 | .0455545 | .0249679 | 51.34600 | .6731678 |
| #2     | .1292967 | -.012420 | .8183728 | .0487449 | .0248097 | 50.10633 | .6648539 |
| #3     | .1314781 | -.016575 | .8020013 | .0557723 | .0270729 | 50.04454 | .6647473 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076381 | .0024528 | 78.16085 | .0757576 | .0767553 | .1618961 | 112.5700 |
| Stddev | .0003175 | .0001000 | .70061   | .0018856 | .0011622 | .0011338 | 1.2324   |
| %RSD   | 4.156777 | 4.075888 | .8963700 | 2.489008 | 1.514187 | .7003419 | 1.094749 |
| #1     | .0079902 | .0023925 | 78.91282 | .0763021 | .0775482 | .1630720 | 113.9929 |
| #2     | .0075505 | .0023977 | 78.04326 | .0736596 | .0772966 | .1618065 | 111.8758 |
| #3     | .0073736 | .0025682 | 77.52648 | .0773110 | .0754212 | .1608097 | 111.8414 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.202150 | 23.64110 | .1301621 | -.009927 | .8116349 | .1396807 | .5492754 |
| Stddev | .032039  | .44368   | .0029825 | .000505  | .0138393 | .0121331 | .0016269 |
| %RSD   | 1.454912 | 1.876735 | 2.291369 | 5.084720 | 1.705111 | 8.686304 | .2961963 |
| #1     | 2.239070 | 24.09437 | .1323620 | -.009361 | .8271166 | .1284229 | .5484128 |
| #2     | 2.185742 | 23.20767 | .1313567 | -.010089 | .8004643 | .1525317 | .5482614 |
| #3     | 2.181638 | 23.62125 | .1267674 | -.010331 | .8073238 | .1380874 | .5511520 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.003605 | 4.509174 | -.148982 | .0139264 | 4.984778 | 3.947713 | .0288375 |
| Stddev | .131472  | .081330  | .005081  | .0000738 | .077614  | .083801  | .0018743 |
| %RSD   | 3.283844 | 1.803647 | 3.410794 | .5298682 | 1.557029 | 2.122772 | 6.499342 |
| #1     | 3.934820 | 4.583172 | -.154647 | .0140115 | 5.053895 | 4.042337 | .0308263 |
| #2     | 4.155200 | 4.522253 | -.147474 | .0138812 | 4.999628 | 3.917934 | .0285824 |
| #3     | 3.920795 | 4.422098 | -.144826 | .0138864 | 4.900812 | 3.882869 | .0271039 |



Sample Name: P5124-20      Acquired: 01/03/2025 16:27:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.360146 | .3135446 | .0558136 |
| Stddev | .010150  | .0038727 | .0035130 |
| %RSD   | .7462295 | 1.235124 | 6.294219 |
| #1     | 1.371463 | .3178678 | .0548686 |
| #2     | 1.351848 | .3123729 | .0597024 |
| #3     | 1.357126 | .3103931 | .0528697 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1973.088 | 19766.44 | 1933.998 | 1455.044 | 1983.437 |
| Stddev    | 26.372   | 233.34   | 38.318   | 10.790   | 31.379   |
| %RSD      | 1.336571 | 1.180510 | 1.981266 | .7415798 | 1.582075 |
| #1        | 1954.396 | 19744.45 | 1889.777 | 1456.640 | 1958.760 |
| #2        | 1961.615 | 20010.00 | 1954.829 | 1464.948 | 1972.797 |
| #3        | 2003.253 | 19544.86 | 1957.388 | 1443.545 | 2018.753 |

Sample Name: P5124-19LX5      Acquired: 01/03/2025 16:31:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0292041 | -.000432 | .1674061 | .0095046 | .0056101 | 11.05697 | .1375619 |
| Stddev | .0032306 | .004864  | .0017362 | .0037844 | .0027734 | .12249   | .0039061 |
| %RSD   | 11.06205 | 1127.002 | 1.037151 | 39.81683 | 49.43527 | 1.107831 | 2.839517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0264938 | -.000474 | .1685946 | .0126620 | .0032148 | 10.99735 | .1360742 |
| #2 | .0283395 | .004453  | .1682102 | .0053096 | .0086485 | 10.97570 | .1346182 |
| #3 | .0327790 | -.005274 | .1654136 | .0105422 | .0049671 | 11.19786 | .1419932 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016572 | .0005363 | 16.63958 | .0160110 | .0203600 | .0285810 | 24.07469 |
| Stddev | .0000843 | .0000397 | .09664   | .0004653 | .0001417 | .0128915 | .15829   |
| %RSD   | 5.089457 | 7.404420 | .5807607 | 2.905891 | .6959002 | 45.10511 | .6575018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015606 | .0005640 | 16.57621 | .0165375 | .0204551 | .0163874 | 23.97829 |
| #2 | .0017162 | .0005542 | 16.59173 | .0158404 | .0204277 | .0272834 | 23.98841 |
| #3 | .0016948 | .0004908 | 16.75081 | .0156552 | .0201971 | .0420723 | 24.25738 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4821863 | 4.979722 | .0249516 | -.002776 | .1390406 | .0163263 | .1213551 |
| Stddev | .0025796 | .078329  | .0009011 | .000723  | .0090159 | .0095304 | .0014622 |
| %RSD   | .5349768 | 1.572956 | 3.611174 | 26.06326 | 6.484385 | 58.37492 | 1.204863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4837040 | 4.933412 | .0239297 | -.003559 | .1406474 | .0077991 | .1230237 |
| #2 | .4792078 | 4.935595 | .0252933 | -.002132 | .1293293 | .0266144 | .1207439 |
| #3 | .4836470 | 5.070160 | .0256318 | -.002638 | .1471451 | .0145654 | .1202978 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8586359 | .9164689 | -.037984 | .0028610 | 1.029915 | .8383818 | -.004039 |
| Stddev | .0989856 | .0022138 | .001748  | .0009650 | .004249  | .0023266 | .001001  |
| %RSD   | 11.52823 | .2415591 | 4.602846 | 33.73022 | .4125963 | .2775064 | 24.77737 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8021867 | .9180174 | -.039035 | .0032796 | 1.034790 | .8401645 | -.002892 |
| #2 | .8007894 | .9139332 | -.038951 | .0017573 | 1.027955 | .8357500 | -.004734 |
| #3 | .9729317 | .9174560 | -.035965 | .0035460 | 1.026999 | .8392310 | -.004491 |

Sample Name: P5124-19LX5      Acquired: 01/03/2025 16:31:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2844816 | .0675971 | .0034612 |
| Stddev | .0042557 | .0000958 | .0062784 |
| %RSD   | 1.495954 | .1417229 | 181.3935 |
| #1     | .2879174 | .0675465 | .0050503 |
| #2     | .2858064 | .0677076 | .0087922 |
| #3     | .2797211 | .0675372 | -.003459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1861.783 | 18810.28 | 1836.658 | 1391.592 | 2014.769 |
| Stddev    | 4.236    | 29.99    | 12.717   | 7.283    | 2.361    |
| %RSD      | .2275387 | .1594156 | .6923797 | .5233396 | .1172065 |
| #1        | 1857.569 | 18779.57 | 1828.016 | 1383.235 | 2012.219 |
| #2        | 1866.041 | 18839.49 | 1851.260 | 1396.581 | 2016.880 |
| #3        | 1861.738 | 18811.78 | 1830.698 | 1394.961 | 2015.207 |

Sample Name: CCV102      Acquired: 01/03/2025 16:35:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV102      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.994153 | 4.911105 | 25.20507 | 4.964343 | 4.986097 | 430.7424 | 10.64493 |
| Stddev | .015535  | .093244  | .48023   | .089871  | .096156  | 29.5869  | .73682   |
| %RSD   | .3110553 | 1.898640 | 1.905291 | 1.810329 | 1.928491 | 6.868824 | 6.921808 |
| #1     | 4.999229 | 4.950185 | 25.44752 | 5.019164 | 5.032830 | 464.9049 | 11.49574 |
| #2     | 4.976716 | 4.804680 | 24.65195 | 4.860625 | 4.875506 | 413.3797 | 10.22047 |
| #3     | 5.006515 | 4.978450 | 25.51575 | 5.013240 | 5.049954 | 413.9425 | 10.21858 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5381285 | 2.528364 | 429.5984 | 15.71158 | 2.550076 | 16.12516 | 434.9805 |
| Stddev | .0328731 | .046362  | 28.9539  | .15299   | .046607  | 1.09553  | 30.9062  |
| %RSD   | 6.108792 | 1.833658 | 6.739756 | .9737164 | 1.827685 | 6.793927 | 7.105185 |
| #1     | .5760868 | 2.550262 | 463.0306 | 15.79728 | 2.573885 | 17.39007 | 470.6660 |
| #2     | .5190025 | 2.475109 | 413.0878 | 15.80252 | 2.496373 | 15.50659 | 417.4570 |
| #3     | .5192963 | 2.559720 | 412.6768 | 15.53496 | 2.579970 | 15.47882 | 416.8185 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.19783 | 432.5752 | 2.547521 | 1.261874 | 438.1283 | 2.715885 | 15.02010 |
| Stddev | 1.08440  | 28.6924  | .049644  | .011608  | 26.8781  | .188219  | .19676   |
| %RSD   | 6.694751 | 6.632922 | 1.948722 | .9199232 | 6.134748 | 6.930312 | 1.309948 |
| #1     | 17.44999 | 465.7055 | 2.573033 | 1.272081 | 469.1052 | 2.933199 | 15.13316 |
| #2     | 15.57177 | 416.2215 | 2.490308 | 1.264295 | 420.9811 | 2.609931 | 15.13423 |
| #3     | 15.57173 | 415.7988 | 2.579222 | 1.249246 | 424.2985 | 2.604524 | 14.79291 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 161.9358 | 5.019769 | 4.736280 | 4.970384 | 5.050722 | 5.342269 | 5.103131 |
| Stddev | 10.5360  | .086299  | .293057  | .094552  | .084314  | .327740  | .109539  |
| %RSD   | 6.506294 | 1.719192 | 6.187487 | 1.902310 | 1.669337 | 6.134852 | 2.146497 |
| #1     | 174.0986 | 5.054062 | 5.074634 | 5.012042 | 5.085368 | 5.720707 | 5.158565 |
| #2     | 156.0965 | 4.921594 | 4.562688 | 4.862156 | 4.954605 | 5.154445 | 4.976956 |
| #3     | 155.6124 | 5.083651 | 4.571516 | 5.036954 | 5.112193 | 5.151655 | 5.173871 |

Sample Name: CCV102      Acquired: 01/03/2025 16:35:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV102      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.414866 | 5.144183 | 5.226932 |
| Stddev | .373663  | .348326  | .350762  |
| %RSD   | 6.900696 | 6.771265 | 6.710668 |
| #1     | 5.846335 | 5.546362 | 5.631957 |
| #2     | 5.198679 | 4.938594 | 5.024735 |
| #3     | 5.199584 | 4.947593 | 5.024104 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1506.715 | 16474.80 | 1616.255 | 1128.850 | 1621.278 |
| Stddev    | 24.996   | 140.64   | 96.004   | 13.856   | 27.439   |
| %RSD      | 1.658975 | .8536687 | 5.939911 | 1.227448 | 1.692414 |
| #1        | 1494.275 | 16374.83 | 1505.431 | 1117.841 | 1606.200 |
| #2        | 1535.490 | 16413.95 | 1673.995 | 1124.301 | 1652.950 |
| #3        | 1490.380 | 16635.61 | 1669.337 | 1144.409 | 1604.685 |

Sample Name: CCB102      Acquired: 01/03/2025 16:39:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB102      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024687 | -.000355 | .0020604 | .0031786 | .0008036 | .0141827 | .0000363 |
| Stddev | .0015213 | .004616  | .0024719 | .0054018 | .0005355 | .0143146 | .0016264 |
| %RSD   | 61.62280 | 1298.892 | 119.9694 | 169.9414 | 66.64122 | 100.9299 | 4476.626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010676 | -.005537 | .0034222 | .0014712 | .0009784 | .0119995 | .0008716 |
| #2 | .0022517 | .001155  | -.000793 | -.001163 | .0012300 | .0294635 | -.001838 |
| #3 | .0040869 | .003316  | .003552  | .009228  | .0002025 | .0010851 | .001075  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000126 | .0000010 | -.029284 | .0004051 | -.000255 | -.018763 | .0429332 |
| Stddev | .000140  | .0000889 | .011066  | .0003197 | .000729  | .001452  | .0212716 |
| %RSD   | 111.7055 | 9126.207 | 37.78787 | 78.90990 | 285.5325 | 7.740741 | 49.54574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000234 | -.000066 | -.032232 | .0006587 | -.000903 | -.018368 | .0231462 |
| #2 | .000033  | -.000033 | -.017042 | .0005105 | -.000397 | -.017548 | .0402237 |
| #3 | -.000176 | .000102  | -.038576 | .0000460 | .000534  | -.020371 | .0654297 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015745 | -.077752 | -.001292 | -.000370 | .2095810 | .0026332 | .0005936 |
| Stddev | .0018269 | .023984  | .000401  | .000871  | .0119367 | .0048188 | .0003542 |
| %RSD   | 116.0304 | 30.84684 | 31.07783 | 235.3350 | 5.695490 | 182.9987 | 59.66920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031990 | -.102747 | -.001135 | -.001366 | .2196774 | -.002580 | .0002411 |
| #2 | -.000403 | -.075582 | -.000992 | .000253  | .1964069 | .003557  | .0005902 |
| #3 | .001928  | -.054927 | -.001748 | .000002  | .2126587 | .006924  | .0009495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3064272 | -.002003 | .0095845 | .0003636 | -.010377 | -.001272 | .0026869 |
| Stddev | .1789997 | .001695  | .0023123 | .0009715 | .001188  | .001031  | .0006753 |
| %RSD   | 58.41507 | 84.60926 | 24.12579 | 267.1656 | 11.44595 | 81.03350 | 25.13441 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1026725 | -.003843 | .0080466 | .0003316 | -.010394 | -.001081 | .0034495 |
| #2 | .3782399 | -.000505 | .0084632 | -.000591 | -.009181 | -.002384 | .0021646 |
| #3 | .4383692 | -.001662 | .0122437 | .001351  | -.011556 | -.000350 | .0024465 |

Sample Name: CCB102      Acquired: 01/03/2025 16:39:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB102      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.007499 | -.000012 | .0106013 |
| Stddev | .007713  | .000328  | .0070208 |
| %RSD   | 102.8613 | 2747.379 | 66.22602 |
| #1     | -.011285 | -.000361 | .0085442 |
| #2     | -.012587 | .000036  | .0184209 |
| #3     | .001376  | .000289  | .0048388 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1813.330 | 18409.39 | 1819.596 | 1364.961 | 1994.697 |
| Stddev    | 41.697   | 1264.05  | 155.159  | 91.485   | 51.958   |
| %RSD      | 2.299498 | 6.866312 | 8.527138 | 6.702401 | 2.604812 |
| #1        | 1834.502 | 17659.68 | 1802.017 | 1308.365 | 2021.608 |
| #2        | 1840.195 | 17699.68 | 1982.797 | 1316.010 | 2027.679 |
| #3        | 1765.295 | 19868.80 | 1673.975 | 1470.506 | 1934.803 |

Sample Name: P5124-21      Acquired: 01/03/2025 16:43:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2185707 | .0704294 | .8635321 | .2111891 | .1955820 | 53.12841 | 4.500260 |
| Stddev | .0056135 | .0033558 | .0010989 | .0042389 | .0044918 | .27330   | .036971  |
| %RSD   | 2.568269 | 4.764800 | .1272546 | 2.007142 | 2.296607 | .5144067 | .8215336 |
| #1     | .2122322 | .0681757 | .8635655 | .2109878 | .1940179 | 53.22980 | 4.528663 |
| #2     | .2229141 | .0688263 | .8624168 | .2155251 | .2006467 | 52.81891 | 4.458457 |
| #3     | .2205659 | .0742861 | .8646138 | .2070545 | .1920814 | 53.33652 | 4.513658 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1051740 | .1021329 | 76.60250 | .4878536 | 1.096615 | .6198705 | 112.1456 |
| Stddev | .0015116 | .0004896 | .51844   | .0012742 | .002157  | .0037712 | .4266    |
| %RSD   | 1.437242 | .4793756 | .6767865 | .2611886 | .1966969 | .6083810 | .3803977 |
| #1     | .1068491 | .1015771 | 76.93455 | .4883070 | 1.095383 | .6241706 | 112.3551 |
| #2     | .1039116 | .1025004 | 76.00510 | .4888392 | 1.095357 | .6183148 | 111.6547 |
| #3     | .1047613 | .1023213 | 76.86785 | .4864148 | 1.099106 | .6171260 | 112.4269 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.172084 | 22.91252 | 1.175425 | .0637476 | .9265707 | 1.121172 | 1.426391 |
| Stddev | .022059  | .07258   | .003571  | .0010630 | .0230778 | .009492  | .005251  |
| %RSD   | .6953968 | .3167698 | .3037949 | 1.667548 | 2.490663 | .8465883 | .3681224 |
| #1     | 3.187280 | 22.97327 | 1.172249 | .0648937 | .9340230 | 1.132104 | 1.428343 |
| #2     | 3.146783 | 22.83215 | 1.174736 | .0627939 | .9006876 | 1.116384 | 1.430387 |
| #3     | 3.182189 | 22.93214 | 1.179291 | .0635552 | .9450015 | 1.115027 | 1.420444 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.750180 | 4.522912 | -.151952 | .0134826 | 5.158767 | 3.952560 | .0309630 |
| Stddev | .104739  | .010953  | .005724  | .0003595 | .009260  | .044639  | .0005978 |
| %RSD   | 2.792909 | .2421751 | 3.767062 | 2.666672 | .1794991 | 1.129370 | 1.930658 |
| #1     | 3.863102 | 4.513134 | -.158522 | .0132831 | 5.149007 | 4.000403 | .0308933 |
| #2     | 3.731226 | 4.520854 | -.148045 | .0138976 | 5.167429 | 3.912027 | .0304032 |
| #3     | 3.656212 | 4.534749 | -.149288 | .0132670 | 5.159866 | 3.945251 | .0315927 |



Sample Name: P5124-21      Acquired: 01/03/2025 16:43:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM88S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.350472 | .3090611 | .0559445 |
| Stddev | .005331  | .0016385 | .0048338 |
| %RSD   | .3947530 | .5301689 | 8.640266 |
| #1     | 1.354456 | .3101569 | .0552993 |
| #2     | 1.344416 | .3071774 | .0514658 |
| #3     | 1.352545 | .3098488 | .0610685 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1992.538 | 20245.67 | 1986.573 | 1493.725 | 1996.592 |
| Stddev    | 6.850    | 29.16    | 17.727   | 6.567    | 8.481    |
| %RSD      | .3437672 | .1440431 | .8923609 | .4396517 | .4247937 |
| #1        | 2000.433 | 20276.67 | 1967.949 | 1496.282 | 2006.355 |
| #2        | 1989.011 | 20218.78 | 2003.242 | 1486.264 | 1992.375 |
| #3        | 1988.172 | 20241.57 | 1988.528 | 1498.629 | 1991.045 |

Sample Name: P5121-10      Acquired: 01/03/2025 16:47:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2259108 | -.021126 | 5.426590 | .0795013 | .0489107 | 68.78903 |
| Stddev | .0025066 | .004258  | .006137  | .0085311 | .0040024 | 3.47458  |
| %RSD   | 1.109536 | 20.15685 | .1130861 | 10.73084 | 8.183135 | 5.051067 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2272383 | -.023393 | 5.419634 | .0844635 | .0526135 | 70.63570 |
| #2 | .2230197 | -.023771 | 5.428896 | .0843900 | .0494543 | 70.95033 |
| #3 | .2274745 | -.016214 | 5.431240 | .0696505 | .0446642 | 64.78104 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.560964 | .0111385 | .0207243 | 361.7533 | .2023920 | .1452458 |
| Stddev | .138428  | .0005419 | .0003629 | 18.4266  | .0075815 | .0001388 |
| %RSD   | 5.405309 | 4.864873 | 1.750973 | 5.093693 | 3.745969 | .0955711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.634125 | .0114421 | .0204057 | 371.1732 | .2056538 | .1450870 |
| #2 | 2.647459 | .0114606 | .0206479 | 373.5657 | .1937255 | .1453062 |
| #3 | 2.401306 | .0105129 | .0211193 | 340.5210 | .2077968 | .1453442 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8307642 | 196.8731 | 8.343589 | 109.4870 | .2265343 | -.011602 |
| Stddev | .0466531 | 9.7207   | .418101  | 5.4411   | .0015082 | .001595  |
| %RSD   | 5.615684 | 4.937532 | 5.011046 | 4.969588 | .6657764 | 13.75137 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8563091 | 201.7492 | 8.552571 | 112.4275 | .2259647 | -.010508 |
| #2 | .8590663 | 203.1906 | 8.615998 | 112.8251 | .2282444 | -.010865 |
| #3 | .7769174 | 185.6795 | 7.862198 | 103.2084 | .2253939 | -.013433 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.892301 | .2016814 | 4.491024 | 9.180954 | F 20.39511 | -.335437 |
| Stddev | .073965  | .0141533 | .199102  | .511017  | .05449     | .011035  |
| %RSD   | 3.908722 | 7.017638 | 4.433339 | 5.566056 | .2671727   | 3.289863 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.951056 | .1978040 | 4.599195 | 9.415748 | 20.39080 | -.345453 |
| #2 | 1.916606 | .2173693 | 4.261252 | 9.532377 | 20.34289 | -.337251 |
| #3 | 1.809242 | .1898710 | 4.612626 | 8.594737 | 20.45162 | -.323607 |

Sample Name: P5121-10      Acquired: 01/03/2025 16:47:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133474 | 6.058144 | 2.322607 | .3533493 | .9767044 | .6555342 |
| Stddev | .0010780 | .016588  | .093992  | .0023045 | .0529309 | .0337133 |
| %RSD   | 8.076673 | .2738147 | 4.046831 | .6522017 | 5.419342 | 5.142876 |
| #1     | .0144082 | 6.058283 | 2.386391 | .3514046 | 1.005890 | .6741631 |
| #2     | .0133811 | 6.041487 | 2.366763 | .3558947 | 1.008618 | .6758223 |
| #3     | .0122529 | 6.074663 | 2.214668 | .3527485 | .915605  | .6166172 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0936146 |
| Stddev | .0057139 |
| %RSD   | 6.103676 |
| #1     | .1000337 |
| #2     | .0917264 |
| #3     | .0890838 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2078.425 | 20789.62 | 2163.066 | 1527.736 | 1795.147 |
| Stddev    | 3.091    | 627.36   | 94.034   | 56.255   | 5.438    |
| %RSD      | .1487406 | 3.017674 | 4.347246 | 3.682231 | .3029298 |
| #1        | 2081.992 | 20466.97 | 2112.482 | 1499.576 | 1800.924 |
| #2        | 2076.513 | 21512.64 | 2105.151 | 1592.510 | 1794.388 |
| #3        | 2076.771 | 20389.24 | 2271.564 | 1491.121 | 1790.128 |

Sample Name: P5121-11      Acquired: 01/03/2025 16:50:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2348535 | -.027532 | 5.444673 | .0916506 | .0508692   | 72.17525 |
| Stddev | .0038395 | .006091  | .008834  | .0053357 | .0019394   | .17288   |
| %RSD   | 1.634847 | 22.12502 | .1622457 | 5.821797 | 3.812534   | .2395234 |
| #1     | .2387876 | -.026878 | 5.435671 | .0923817 | .0514456   | 71.97914 |
| #2     | .2346567 | -.033924 | 5.453328 | .0859870 | .0487069   | 72.30559 |
| #3     | .2311162 | -.021794 | 5.445019 | .0965830 | .0524550   | 72.24102 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.666435 | .0116126 | .0206615 | 374.8200 | .1977010   | .1479943 |
| Stddev | .006441  | .0003197 | .0002318 | .6304    | .0006195   | .0006555 |
| %RSD   | .2415595 | 2.753375 | 1.121748 | .1681944 | .3133568   | .4429211 |
| #1     | 2.667738 | .0119789 | .0204819 | 374.7554 | .1980898   | .1476366 |
| #2     | 2.672124 | .0113897 | .0209232 | 375.4802 | .1969866   | .1487508 |
| #3     | 2.659441 | .0114692 | .0205795 | 374.2243 | .1980266   | .1475955 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8570118 | 204.8576 | 8.656233 | 113.8747 | .2250543   | -.009392 |
| Stddev | .0073863 | .2356    | .045174  | .5592    | .0007305   | .002028  |
| %RSD   | .8618690 | .1149970 | .5218650 | .4910408 | .3245886   | 21.59083 |
| #1     | .8498805 | 204.8593 | 8.609308 | 113.2327 | .2257465   | -.011723 |
| #2     | .8646291 | 205.0923 | 8.699424 | 114.1363 | .2242907   | -.008422 |
| #3     | .8565259 | 204.6211 | 8.659967 | 114.2552 | .2251257   | -.008032 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.949608 | .2007523 | 4.412034 | 9.881640 | F 20.56079 | -.329944 |
| Stddev | .010652  | .0017361 | .017701  | .099955  | .01533     | .002831  |
| %RSD   | .5463514 | .8648057 | .4011957 | 1.011526 | .0745788   | .8578815 |
| #1     | 1.957952 | .1987752 | 4.401408 | 9.781212 | 20.54313   | -.331979 |
| #2     | 1.937610 | .2014543 | 4.402226 | 9.981116 | 20.57073   | -.326711 |
| #3     | 1.953261 | .2020276 | 4.432468 | 9.882592 | 20.56852   | -.331141 |

Sample Name: P5121-11      Acquired: 01/03/2025 16:50:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135527 | 6.055050 | 3.336233 | .3567708 | 1.044014 | .6798026 |
| Stddev | .0004085 | .016435  | .017679  | .0030933 | .001043  | .0011959 |
| %RSD   | 3.014404 | .2714301 | .5299069 | .8670120 | .0998843 | .1759150 |
| #1     | .0131627 | 6.055238 | 3.356637 | .3538358 | 1.042849 | .6784255 |
| #2     | .0135178 | 6.038521 | 3.326580 | .3600011 | 1.044861 | .6805785 |
| #3     | .0139776 | 6.071390 | 3.325482 | .3564756 | 1.044332 | .6804040 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0952221 |
| Stddev | .0051446 |
| %RSD   | 5.402775 |
| #1     | .0911246 |
| #2     | .0935459 |
| #3     | .1009958 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2046.045 | 20832.04 | 2082.172 | 1527.670 | 1769.948 |
| Stddev    | 3.661    | 81.37    | 10.763   | 4.056    | 2.093    |
| %RSD      | .1789476 | .3906017 | .5169042 | .2654964 | .1182789 |
| #1        | 2050.256 | 20880.70 | 2076.801 | 1531.985 | 1772.279 |
| #2        | 2043.618 | 20738.11 | 2075.152 | 1523.936 | 1768.229 |
| #3        | 2044.261 | 20877.32 | 2094.563 | 1527.089 | 1769.335 |

Sample Name: P5121-10LX5      Acquired: 01/03/2025 16:54:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0429317 | .0080274 | 1.094677 | .0053422 | .0104952 | 16.50043 | .6121922 |
| Stddev | .0039181 | .0017833 | .004241  | .0038015 | .0015848 | .08619   | .0019021 |
| %RSD   | 9.126314 | 22.21502 | .3874652 | 71.15877 | 15.10003 | .5223780 | .3107034 |
| #1     | .0447655 | .0093926 | 1.099355 | .0095208 | .0121751 | 16.41079 | .6101569 |
| #2     | .0384330 | .0060098 | 1.093590 | .0020885 | .0090268 | 16.58271 | .6139247 |
| #3     | .0455966 | .0086800 | 1.091084 | .0044174 | .0102838 | 16.50779 | .6124951 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027352 | .0039581 | 86.84740 | .0461915 | .0473772 | .1984238 | 47.61124 |
| Stddev | .0000404 | .0000537 | .32438   | .0000852 | .0005122 | .0047426 | .33759   |
| %RSD   | 1.476827 | 1.356183 | .3735037 | .1844578 | 1.081141 | 2.390123 | .7090640 |
| #1     | .0027215 | .0039446 | 86.49071 | .0461191 | .0468141 | .1995412 | 47.25915 |
| #2     | .0027807 | .0040172 | 87.12474 | .0461701 | .0478153 | .2025079 | 47.64238 |
| #3     | .0027035 | .0039124 | 86.92676 | .0462854 | .0475024 | .1932223 | 47.93218 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.020921 | 26.79761 | .0410738 | -.001429 | .4204053 | .0379140 | 1.029678 |
| Stddev | .002412  | .06194   | .0004177 | .002777  | .0141220 | .0079678 | .003858  |
| %RSD   | .1193494 | .2311301 | 1.016908 | 194.3841 | 3.359142 | 21.01542 | .3746606 |
| #1     | 2.021425 | 26.77850 | .0415194 | .001564  | .4366955 | .0292934 | 1.029620 |
| #2     | 2.023041 | 26.74749 | .0406912 | -.003924 | .4116267 | .0394405 | 1.033564 |
| #3     | 2.018297 | 26.86685 | .0410108 | -.001926 | .4128935 | .0450081 | 1.025849 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.069104 | 4.029356 | -.079701 | .0077721 | 1.166596 | .6660578 | .0610774 |
| Stddev | .083677  | .012393  | .001452  | .0005815 | .002063  | .0023909 | .0011357 |
| %RSD   | 4.044102 | .3075571 | 1.821968 | 7.481711 | .1768079 | .3589571 | 1.859457 |
| #1     | 1.982401 | 4.035187 | -.080571 | .0083974 | 1.165174 | .6650039 | .0616147 |
| #2     | 2.075525 | 4.015124 | -.080508 | .0076714 | 1.165651 | .6643749 | .0618448 |
| #3     | 2.149385 | 4.037758 | -.078025 | .0072476 | 1.168961 | .6687945 | .0597728 |

Sample Name: P5121-10LX5      Acquired: 01/03/2025 16:54:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2236137 | .1545820 | .0165801 |
| Stddev | .0041717 | .0010430 | .0050537 |
| %RSD   | 1.865571 | .6746879 | 30.48035 |
| #1     | .2213512 | .1534620 | .0171323 |
| #2     | .2210621 | .1555254 | .0213351 |
| #3     | .2284279 | .1547585 | .0112731 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1869.759 | 19068.71 | 1867.802 | 1398.797 | 1928.622 |
| Stddev    | 5.601    | 34.54    | 2.774    | 7.350    | 4.001    |
| %RSD      | .2995378 | .1811600 | .1485072 | .5254436 | .2074570 |
| #1        | 1863.951 | 19056.65 | 1870.274 | 1398.441 | 1927.307 |
| #2        | 1870.198 | 19041.82 | 1864.802 | 1391.632 | 1925.445 |
| #3        | 1875.127 | 19107.67 | 1868.329 | 1406.319 | 1933.115 |

Sample Name: P5121-12      Acquired: 01/03/2025 16:58:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2578024 | .0189172 | 5.354648 | .1522191 | .1257476 | 70.58309 |
| Stddev | .0021437 | .0028056 | .009280  | .0181137 | .0072897 | 6.20018  |
| %RSD   | .8315190 | 14.83120 | .1732993 | 11.89978 | 5.797098 | 8.784223 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2553297 | .0217567 | 5.344149 | .1365065 | .1175707 | 63.79555 |
| #2 | .2589406 | .0161467 | 5.358047 | .1720313 | .1281060 | 75.94896 |
| #3 | .2591369 | .0188483 | 5.361750 | .1481194 | .1315662 | 72.00477 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.259229 | .0543164 | .0708877 | 358.6252 | .3793165 | .6551936 |
| Stddev | .379669  | .0037900 | .0005017 | 31.6654  | .0024109 | .0002023 |
| %RSD   | 8.914028 | 6.977614 | .7077153 | 8.829652 | .6356047 | .0308806 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.834140 | .0501422 | .0713703 | 323.4590 | .3817521 | .6553620 |
| #2 | 4.564633 | .0575420 | .0703689 | 384.8800 | .3769310 | .6552497 |
| #3 | 4.378915 | .0552650 | .0709238 | 367.5367 | .3792663 | .6549692 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.025192 | 196.7610 | 8.702977 | 108.8742 | .7363027 | .0205258 |
| Stddev | .093952  | 17.0772  | .728566  | 9.0501   | .0007219 | .0023568 |
| %RSD   | 9.164285 | 8.679183 | 8.371460 | 8.312415 | .0980391 | 11.48197 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .922202  | 178.0360 | 7.905839 | 98.9278  | .7371297 | .0181991 |
| #2 | 1.106210 | 211.4774 | 9.334434 | 116.6233 | .7357988 | .0204669 |
| #3 | 1.047164 | 200.7695 | 8.868659 | 111.0716 | .7359797 | .0229115 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.827490 | .6367857 | 4.714001 | 9.210280 | F 20.12442 | -.315935 |
| Stddev | .144595  | .0603766 | .015170  | .862165  | .02037     | .018876  |
| %RSD   | 7.912248 | 9.481467 | .3218043 | 9.360900 | .1012163   | 5.974676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.673066 | .5744688 | 4.729126 | 8.242933 | 20.11731 | -.295732 |
| #2 | 1.959682 | .6950142 | 4.698786 | 9.897690 | 20.10856 | -.333121 |
| #3 | 1.849721 | .6408740 | 4.714090 | 9.490216 | 20.14739 | -.318951 |



Sample Name: P5121-12      Acquired: 01/03/2025 16:58:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM51S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133248 | 5.953559 | 3.509681 | .3465365 | 1.012958 | .6503074 |
| Stddev | .0008074 | .013117  | .254990  | .0028362 | .083011  | .0546780 |
| %RSD   | 6.059625 | .2203179 | 7.265333 | .8184333 | 8.194931 | 8.408017 |
| #1     | .0141139 | 5.967480 | 3.234241 | .3433679 | .923515  | .5897806 |
| #2     | .0125002 | 5.941431 | 3.737509 | .3474040 | 1.087527 | .6961290 |
| #3     | .0133604 | 5.951765 | 3.557294 | .3488377 | 1.027833 | .6650126 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0926336 |
| Stddev | .0071518 |
| %RSD   | 7.720518 |
| #1     | .0844094 |
| #2     | .0973937 |
| #3     | .0960977 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2079.907 | 21157.70 | 2166.495 | 1553.642 | 1804.296 |
| Stddev    | 1.608    | 81.13    | 160.159  | 1.871    | 2.670    |
| %RSD      | .0773099 | .3834409 | 7.392527 | .1204253 | .1479963 |
| #1        | 2081.137 | 21098.03 | 2342.257 | 1551.524 | 1805.542 |
| #2        | 2080.496 | 21125.00 | 2028.799 | 1554.335 | 1806.116 |
| #3        | 2078.088 | 21250.07 | 2128.428 | 1555.068 | 1801.230 |

Sample Name: P5129-01      Acquired: 01/03/2025 17:02:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2067818 | -.021723 | 2.477436 | .1010640 | .0402424 | 73.03287 |
| Stddev | .0051210 | .002532  | .003628  | .0060086 | .0029168 | .71139   |
| %RSD   | 2.476519 | 11.65356 | .1464595 | 5.945357 | 7.248179 | .9740691 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2126302 | -.020260 | 2.473291 | .0948105 | .0385153 | 72.25438 |
| #2 | .2046132 | -.020263 | 2.478986 | .1067935 | .0386019 | 73.64914 |
| #3 | .2031019 | -.024646 | 2.480033 | .1015881 | .0436102 | 73.19509 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.556481 | .0074468 | .0077648 | 64.88475 | .1459104 | .1406207 |
| Stddev | .000945  | .0001527 | .0000744 | .27759   | .0014224 | .0008546 |
| %RSD   | .0606968 | 2.050525 | .9586539 | .4278246 | .9748556 | .6077089 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.555858 | .0076133 | .0077823 | 64.56449 | .1466135 | .1402487 |
| #2 | 1.556017 | .0074140 | .0076832 | 65.05628 | .1442733 | .1400152 |
| #3 | 1.557568 | .0073132 | .0078289 | 65.03350 | .1468443 | .1415982 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4705045 | 182.1103 | 18.35639 | 20.19064 | .2294052 | -.007827 |
| Stddev | .0113043 | 1.6705   | .12090   | .10995   | .0011465 | .000629  |
| %RSD   | 2.402593 | .9172867 | .6586064 | .5445372 | .4997577 | 8.032207 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4579571 | 180.2699 | 18.22026 | 20.06371 | .2285846 | -.007413 |
| #2 | .4798943 | 183.5305 | 18.45123 | 20.25194 | .2307152 | -.007518 |
| #3 | .4736620 | 182.5306 | 18.39768 | 20.25628 | .2289159 | -.008551 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4805770 | .2024793 | 1.557745 | 10.58642 | F 11.89032 | -.353850 |
| Stddev | .0182291 | .0136667 | .006306  | .08214   | .01837     | .002526  |
| %RSD   | 3.793177 | 6.749665 | .4048120 | .7759426 | .1544900   | .7137613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4728285 | .2145417 | 1.551217 | 10.51326 | 11.88250 | -.351076 |
| #2 | .5014004 | .1876361 | 1.558215 | 10.67528 | 11.87716 | -.356017 |
| #3 | .4675022 | .2052601 | 1.563803 | 10.57072 | 11.91131 | -.354458 |

Sample Name: P5129-01      Acquired: 01/03/2025 17:02:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0135518 | 3.554672 | 6.395010 | .1798272 | .7954750 | .0830995 |
| Stddev    | .0006600 | .012767  | .027035  | .0012540 | .0033522 | .0006050 |
| %RSD      | 4.870202 | .3591591 | .4227522 | .6973377 | .4214082 | .7280156 |
| #1        | .0129365 | 3.560429 | 6.364597 | .1812446 | .7931801 | .0826737 |
| #2        | .0134699 | 3.540040 | 6.416313 | .1788618 | .7939229 | .0837920 |
| #3        | .0142489 | 3.563546 | 6.404121 | .1793753 | .7993219 | .0828327 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0875440 |          |          |          |          |          |
| Stddev    | .0020184 |          |          |          |          |          |
| %RSD      | 2.305615 |          |          |          |          |          |
| #1        | .0855632 |          |          |          |          |          |
| #2        | .0874706 |          |          |          |          |          |
| #3        | .0895981 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2234.582 | 22591.17 | 2209.899 | 1668.696 | 1960.912 |          |
| Stddev    | 3.312    | 6.23     | 12.903   | 7.264    | 1.471    |          |
| %RSD      | .1482286 | .0275767 | .5838827 | .4352856 | .0750028 |          |
| #1        | 2233.484 | 22597.98 | 2224.764 | 1674.661 | 1960.033 |          |
| #2        | 2238.304 | 22589.79 | 2201.589 | 1670.820 | 1962.610 |          |
| #3        | 2231.958 | 22585.75 | 2203.344 | 1660.607 | 1960.093 |          |

Sample Name: P5129-02      Acquired: 01/03/2025 17:06:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2171708 | -.023226 | 2.503187 | .1060940 | .0394748   | 73.50490 |
| Stddev | .0042523 | .003632  | .006179  | .0055673 | .0015211   | .08869   |
| %RSD   | 1.958061 | 15.63563 | .2468440 | 5.247500 | 3.853252   | .1206537 |
| #1     | .2143231 | -.024603 | 2.507427 | .1051803 | .0384065   | 73.42960 |
| #2     | .2151305 | -.025968 | 2.496098 | .1010400 | .0388016   | 73.48244 |
| #3     | .2220588 | -.019108 | 2.506037 | .1120616 | .0412163   | 73.60265 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.576165 | .0076216 | .0078612 | 65.42717 | .1463914   | .1419123 |
| Stddev | .004332  | .0000803 | .0001026 | .12593   | .0003459   | .0005320 |
| %RSD   | .2748156 | 1.053612 | 1.305121 | .1924778 | .2362934   | .3748680 |
| #1     | 1.580950 | .0076251 | .0079781 | 65.46265 | .1460061   | .1413330 |
| #2     | 1.575034 | .0077001 | .0077861 | 65.53156 | .1466752   | .1420252 |
| #3     | 1.572511 | .0075397 | .0078195 | 65.28730 | .1464930   | .1423789 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4451368 | 183.9344 | 18.51651 | 20.34829 | .2268708   | -.006966 |
| Stddev | .0096066 | .4739    | .01641   | .06942   | .0013921   | .000567  |
| %RSD   | 2.158116 | .2576290 | .0886284 | .3411791 | .6135905   | 8.143304 |
| #1     | .4369104 | 183.5615 | 18.50468 | 20.27026 | .2284153   | -.007533 |
| #2     | .4428056 | 183.7742 | 18.53524 | 20.37139 | .2257129   | -.006398 |
| #3     | .4556945 | 184.4677 | 18.50961 | 20.40322 | .2264843   | -.006968 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4909229 | .1937687 | 1.564705 | 10.89786 | F 11.96570 | -.359367 |
| Stddev | .0310642 | .0158887 | .001909  | .13734   | .03901     | .003999  |
| %RSD   | 6.327723 | 8.199811 | .1220276 | 1.260202 | .3260358   | 1.112901 |
| #1     | .5175625 | .1781161 | 1.566166 | 11.05117 | 12.00933   | -.363984 |
| #2     | .4568008 | .2098834 | 1.562544 | 10.78610 | 11.95359   | -.356999 |
| #3     | .4984055 | .1933068 | 1.565405 | 10.85631 | 11.93418   | -.357117 |

Sample Name: P5129-02      Acquired: 01/03/2025 17:06:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136978 | 3.602119 | 6.113576 | .1805406 | .7972153 | .0837474 |
| Stddev | .0008629 | .009140  | .012135  | .0016947 | .0025161 | .0003076 |
| %RSD   | 6.299732 | .2537514 | .1984934 | .9386989 | .3156106 | .3672497 |
| #1     | .0129156 | 3.591668 | 6.122552 | .1821085 | .7946541 | .0840959 |
| #2     | .0146234 | 3.606071 | 6.099770 | .1807708 | .7973081 | .0836320 |
| #3     | .0135543 | 3.608619 | 6.118407 | .1787426 | .7996837 | .0835141 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0889670 |
| Stddev | .0025200 |
| %RSD   | 2.832546 |
| #1     | .0886602 |
| #2     | .0916264 |
| #3     | .0866145 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2243.065 | 22602.69 | 2208.851 | 1671.658 | 1965.505 |
| Stddev    | 7.099    | 106.45   | 12.871   | 9.310    | 6.375    |
| %RSD      | .3164961 | .4709672 | .5827180 | .5569345 | .3243536 |
| #1        | 2239.876 | 22616.63 | 2205.215 | 1669.007 | 1958.579 |
| #2        | 2238.119 | 22701.49 | 2223.149 | 1682.006 | 1966.811 |
| #3        | 2251.199 | 22489.96 | 2198.189 | 1663.961 | 1971.127 |

Sample Name: P5129-01LX5      Acquired: 01/03/2025 17:09:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510018 | -.005754 | .5124853 | .0227362 | .0119040 | 17.21796 | .3692890 |
| Stddev | .0027158 | .002358  | .0012801 | .0083360 | .0023110 | .66633   | .0186290 |
| %RSD   | 5.324864 | 40.97442 | .2497778 | 36.66392 | 19.41362 | 3.869971 | 5.044552 |
| #1     | .0518905 | -.003221 | .5139064 | .0201598 | .0100389 | 16.48730 | .3485349 |
| #2     | .0531618 | -.007885 | .5121265 | .0320562 | .0111838 | 17.79210 | .3845641 |
| #3     | .0479530 | -.006157 | .5114229 | .0159925 | .0144894 | 17.37447 | .3747679 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018187 | .0015052 | 15.32405 | .0346506 | .0331730 | .0968623 | 42.79950 |
| Stddev | .0002971 | .0000742 | .58621   | .0008277 | .0004046 | .0117979 | 1.64939  |
| %RSD   | 16.33855 | 4.929038 | 3.825395 | 2.388739 | 1.219680 | 12.18002 | 3.853755 |
| #1     | .0014863 | .0015570 | 14.67152 | .0351911 | .0333034 | .0832836 | 40.97552 |
| #2     | .0020586 | .0014202 | 15.80615 | .0350630 | .0334963 | .1027010 | 44.18615 |
| #3     | .0019111 | .0015385 | 15.49449 | .0336977 | .0327193 | .1046023 | 43.23683 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.410690 | 4.806048 | .0428724 | -.002739 | .1097522 | .0448167 | .3772986 |
| Stddev | .180145  | .259102  | .0005258 | .000619  | .0256200 | .0147377 | .0032265 |
| %RSD   | 4.084273 | 5.391167 | 1.226460 | 22.58291 | 23.34355 | 32.88427 | .8551629 |
| #1     | 4.212280 | 4.574846 | .0424983 | -.002479 | .1187875 | .0346687 | .3778084 |
| #2     | 4.563999 | 5.086097 | .0426453 | -.002293 | .1296304 | .0617213 | .3802399 |
| #3     | 4.455790 | 4.757203 | .0434736 | -.003445 | .0808386 | .0380601 | .3738475 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.380857 | 2.449006 | -.090192 | .0035407 | .7223709 | 1.256541 | .0260238 |
| Stddev | .240211  | .004791  | .001520  | .0002448 | .0043221 | .031582  | .0010285 |
| %RSD   | 10.08928 | .1956261 | 1.685560 | 6.914202 | .5983179 | 2.513432 | 3.952191 |
| #1     | 2.129988 | 2.450526 | -.090082 | .0033010 | .7266052 | 1.220950 | .0260548 |
| #2     | 2.608762 | 2.443639 | -.088729 | .0037903 | .7225416 | 1.281222 | .0249801 |
| #3     | 2.403819 | 2.452852 | -.091764 | .0035307 | .7179661 | 1.267450 | .0270364 |

Sample Name: P5129-01LX5      Acquired: 01/03/2025 17:09:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1800644 | .0196327 | .0135727 |
| Stddev | .0130201 | .0005889 | .0041449 |
| %RSD   | 7.230775 | 2.999707 | 30.53825 |
| #1     | .1705655 | .0191628 | .0090450 |
| #2     | .1949059 | .0202933 | .0144930 |
| #3     | .1747218 | .0194419 | .0171800 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1934.792 | 19466.65 | 1939.723 | 1439.109 | 2022.187 |
| Stddev    | 3.380    | 55.64    | 54.848   | 8.385    | 1.621    |
| %RSD      | .1746919 | .2858416 | 2.827627 | .5826338 | .0801686 |
| #1        | 1935.992 | 19507.20 | 2000.736 | 1443.084 | 2021.039 |
| #2        | 1930.976 | 19403.21 | 1894.506 | 1429.476 | 2021.479 |
| #3        | 1937.408 | 19489.54 | 1923.927 | 1444.766 | 2024.041 |

Sample Name: P5129-03      Acquired: 01/03/2025 17:13:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2886061 | .0666810 | 2.523663 | .2463711 | .1859096 | 74.62382 |
| Stddev | .0044990 | .0014621 | .005761  | .0049563 | .0040312 | .04843   |
| %RSD   | 1.558887 | 2.192713 | .2282887 | 2.011728 | 2.168365 | .0648967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2915788 | .0683018 | 2.529593 | .2439272 | .1847622 | 74.57541 |
| #2 | .2908093 | .0654612 | 2.518087 | .2431113 | .1825765 | 74.62379 |
| #3 | .2834300 | .0662800 | 2.523307 | .2520747 | .1903901 | 74.67227 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.923652 | .0919958 | .1064728 | 64.78221 | .5010712 | 1.144728 |
| Stddev | .011596  | .0003004 | .0000729 | .18147   | .0014871 | .001182  |
| %RSD   | .2355092 | .3264993 | .0684346 | .2801229 | .2967746 | .1032145 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.921186 | .0916494 | .1065117 | 64.58295 | .5024123 | 1.144260 |
| #2 | 4.936282 | .0921538 | .1065181 | 64.93800 | .5013294 | 1.146072 |
| #3 | 4.913487 | .0921841 | .1063888 | 64.82569 | .4994720 | 1.143852 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8190124 | 180.9577 | 19.02810 | 19.75665 | 1.248141 | .0548837 |
| Stddev | .0105237 | .3553    | .01092   | .07852   | .000943  | .0008482 |
| %RSD   | 1.284929 | .1963184 | .0573794 | .3974181 | .0755471 | 1.545419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8300319 | 180.5660 | 19.03673 | 19.66654 | 1.249219 | .0557415 |
| #2 | .8090668 | 181.2590 | 19.03173 | 19.79308 | 1.247735 | .0540454 |
| #3 | .8179387 | 181.0483 | 19.01582 | 19.81034 | 1.247469 | .0548643 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4683050 | 1.048025 | 2.301537 | 10.61278 | F 11.88398 | -.366625 |
| Stddev | .0105952 | .005697  | .005349  | .26884   | .00509     | .003934  |
| %RSD   | 2.262458 | .5435986 | .2324184 | 2.533145 | .0428652   | 1.072963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4651491 | 1.054275 | 2.301677 | 10.90368 | 11.88008 | -.363300 |
| #2 | .4596464 | 1.043123 | 2.306816 | 10.37348 | 11.88974 | -.365609 |
| #3 | .4801196 | 1.046676 | 2.296120 | 10.56117 | 11.88211 | -.370968 |



Sample Name: P5129-03      Acquired: 01/03/2025 17:13:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131982 | 3.572290 | 5.233597 | .1827650 | .7730051 | .0810976 |
| Stddev | .0003552 | .009930  | .008314  | .0023518 | .0015921 | .0006633 |
| %RSD   | 2.691613 | .2779612 | .1588611 | 1.286781 | .2059566 | .8179514 |
| #1     | .0128084 | 3.562623 | 5.224006 | .1825735 | .7739914 | .0813464 |
| #2     | .0132824 | 3.582463 | 5.238021 | .1805148 | .7711684 | .0803458 |
| #3     | .0135037 | 3.571784 | 5.238763 | .1852067 | .7738554 | .0816006 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0880194 |
| Stddev | .0040991 |
| %RSD   | 4.657017 |
| #1     | .0882129 |
| #2     | .0920183 |
| #3     | .0838270 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2259.864 | 22856.19 | 2248.113 | 1692.245 | 1985.153 |
| Stddev    | 3.342    | 71.55    | 1.224    | 6.764    | 1.557    |
| %RSD      | .1478951 | .3130623 | .0544457 | .3997039 | .0784225 |
| #1        | 2262.753 | 22795.40 | 2247.545 | 1685.118 | 1986.565 |
| #2        | 2260.636 | 22838.13 | 2247.277 | 1693.044 | 1983.484 |
| #3        | 2256.204 | 22935.05 | 2249.518 | 1698.575 | 1985.409 |

Sample Name: P5352-04      Acquired: 01/03/2025 17:17:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1049796 | -.040517 | .2284254 | .1038064 | .0548673 | 113.7168 | 1.093979 |
| Stddev | .0044007 | .004887  | .0011218 | .0015477 | .0027425 | .4024    | .002750  |
| %RSD   | 4.191986 | 12.06267 | .4910981 | 1.490989 | 4.998402 | .3538983 | .2514011 |
| #1     | .1093630 | -.037593 | .2283230 | .1055928 | .0537146 | 113.2853 | 1.091622 |
| #2     | .1050141 | -.046160 | .2273583 | .1029597 | .0528894 | 114.0820 | 1.093315 |
| #3     | .1005617 | -.037799 | .2295949 | .1028668 | .0579981 | 113.7831 | 1.097001 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099405 | .0028858 | 454.1085 | .2182331 | .1877527 | .1860150 | 262.0546 |
| Stddev | .0000789 | .0000761 | 1.2987   | .0002183 | .0007710 | .0066893 | .1699    |
| %RSD   | .7941568 | 2.636013 | .2859827 | .1000408 | .4106534 | 3.596089 | .0648451 |
| #1     | .0098494 | .0028036 | 454.3593 | .2183268 | .1877505 | .1906655 | 261.9630 |
| #2     | .0099900 | .0029001 | 455.2635 | .2183889 | .1885249 | .1890307 | 262.2507 |
| #3     | .0099820 | .0029537 | 452.7027 | .2179835 | .1869828 | .1783488 | 261.9502 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.267445 | 194.8857 | .4069150 | -.018920 | 1.465904 | .2887592 | .5567540 |
| Stddev | .009715  | .6914    | .0012743 | .000787  | .011881  | .0058695 | .0039941 |
| %RSD   | .1844321 | .3547914 | .3131560 | 4.160391 | .8104895 | 2.032644 | .7173976 |
| #1     | 5.259751 | 194.1280 | .4066946 | -.018943 | 1.452251 | .2853836 | .5521856 |
| #2     | 5.278362 | 195.4825 | .4057653 | -.018121 | 1.473897 | .2853573 | .5584900 |
| #3     | 5.264221 | 195.0464 | .4082851 | -.019695 | 1.471564 | .2955366 | .5595864 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.57733 | 5.197994 | -.486740 | .0189090 | 6.878853 | 7.287725 | .0230590 |
| Stddev | .11824   | .010732  | .004983  | .0015498 | .018766  | .053762  | .0022904 |
| %RSD   | .5746342 | .2064717 | 1.023805 | 8.195958 | .2728044 | .7377080 | 9.932863 |
| #1     | 20.45711 | 5.203581 | -.484545 | .0172372 | 6.876583 | 7.253878 | .0252535 |
| #2     | 20.69350 | 5.185621 | -.492444 | .0191920 | 6.861325 | 7.349717 | .0232401 |
| #3     | 20.58138 | 5.204781 | -.483231 | .0202977 | 6.898651 | 7.259581 | .0206834 |

Sample Name: P5352-04      Acquired: 01/03/2025 17:17:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.803053 | .3393797 | .2737322 |
| Stddev | .004845  | .0010412 | .0015813 |
| %RSD   | .2687153 | .3067832 | .5776693 |
| #1     | 1.799777 | .3384514 | .2723020 |
| #2     | 1.808619 | .3405055 | .2734642 |
| #3     | 1.800764 | .3391822 | .2754303 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1896.743 | 19303.84 | 1947.072 | 1416.603 | 1735.357 |
| Stddev    | 4.713    | 61.33    | 9.235    | 8.617    | 4.721    |
| %RSD      | .2484783 | .3177218 | .4743023 | .6083158 | .2720460 |
| #1        | 1899.533 | 19259.75 | 1955.119 | 1421.810 | 1737.976 |
| #2        | 1899.393 | 19373.88 | 1936.989 | 1421.342 | 1738.188 |
| #3        | 1891.301 | 19277.89 | 1949.108 | 1406.656 | 1729.907 |

Sample Name: P5352-05      Acquired: 01/03/2025 17:21:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1185248 | -.038151 | .2252767 | .1101182 | .0514579 | 113.5114 | 1.079071 |
| Stddev | .0020958 | .004140  | .0024870 | .0088730 | .0007902 | .7540    | .001353  |
| %RSD   | 1.768222 | 10.85268 | 1.103976 | 8.057674 | 1.535644 | .6642919 | .1253560 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1206236 | -.039096 | .2271442 | .1085903 | .0522801 | 112.6432 | 1.077903 |
| #2 | .1164320 | -.033619 | .2262322 | .1021084 | .0507041 | 113.8880 | 1.078756 |
| #3 | .1185187 | -.041737 | .2224536 | .1196559 | .0513894 | 114.0030 | 1.080553 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099830 | .0024170 | 449.1126 | .2144697 | .1874991 | .1886440 | 260.3365 |
| Stddev | .0001733 | .0001310 | 1.5667   | .0014117 | .0005868 | .0132697 | 1.6213   |
| %RSD   | 1.736358 | 5.419211 | .3488328 | .6582077 | .3129761 | 7.034268 | .6227772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101541 | .0025139 | 447.9296 | .2134664 | .1881766 | .1746679 | 259.1042 |
| #2 | .0098075 | .0024691 | 448.5189 | .2160840 | .1871705 | .2010715 | 259.7321 |
| #3 | .0099876 | .0022680 | 450.8894 | .2138588 | .1871501 | .1901924 | 262.1732 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.226277 | 194.9510 | .4002402 | -.019224 | 1.507321 | .2973294 | .5490313 |
| Stddev | .028028  | .9639    | .0020050 | .001236  | .015381  | .0038499 | .0040798 |
| %RSD   | .5362858 | .4944170 | .5009393 | 6.426895 | 1.020405 | 1.294840 | .7430856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.196679 | 193.9475 | .4023945 | -.020075 | 1.494996 | .2931336 | .5505405 |
| #2 | 5.229740 | 195.0358 | .3984289 | -.019792 | 1.524558 | .3006994 | .5444119 |
| #3 | 5.252413 | 195.8696 | .3998972 | -.017807 | 1.502410 | .2981552 | .5521414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.18776 | 5.148758 | -.472415 | .0180069 | 6.730161 | 7.336611 | .0221762 |
| Stddev | .12274   | .005786  | .003540  | .0015986 | .024819  | .019401  | .0034818 |
| %RSD   | .6079693 | .1123791 | .7494414 | 8.877798 | .3687707 | .2644390 | 15.70057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 20.30115 | 5.155041 | -.474742 | .0197643 | 6.741714 | 7.335550 | .0221105 |
| #2 | 20.05744 | 5.143649 | -.474162 | .0176174 | 6.747097 | 7.356520 | .0187278 |
| #3 | 20.20471 | 5.147583 | -.468340 | .0166390 | 6.701671 | 7.317762 | .0256904 |

Sample Name: P5352-05      Acquired: 01/03/2025 17:21:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.799938 | .3330946 | .2686204 |
| Stddev | .006193  | .0018352 | .0043725 |
| %RSD   | .3440649 | .5509445 | 1.627755 |
| #1     | 1.794240 | .3311121 | .2636926 |
| #2     | 1.799045 | .3347341 | .2701324 |
| #3     | 1.806529 | .3334375 | .2720363 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1893.571 | 19278.71 | 1918.579 | 1405.005 | 1736.680 |
| Stddev    | 3.753    | 31.72    | 5.748    | 6.691    | 3.464    |
| %RSD      | .1982034 | .1645456 | .2996023 | .4762171 | .1994883 |
| #1        | 1891.751 | 19256.37 | 1918.870 | 1402.872 | 1734.125 |
| #2        | 1891.075 | 19264.74 | 1912.691 | 1412.502 | 1735.291 |
| #3        | 1897.887 | 19315.02 | 1924.177 | 1399.641 | 1740.623 |

Sample Name: P5352-04LX5      Acquired: 01/03/2025 17:25:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0229395 | .0081570 | .0500880 | .0143330 | .0109674 | 24.60624 | .2337851 |
| Stddev | .0043072 | .0055004 | .0046516 | .0033167 | .0009809 | .07998   | .0028725 |
| %RSD   | 18.77631 | 67.43188 | 9.286950 | 23.14056 | 8.944057 | .3250311 | 1.228685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0187266 | .0023419 | .0461393 | .0126949 | .0098514 | 24.54129 | .2319538 |
| #2 | .0227567 | .0132766 | .0552157 | .0181500 | .0116930 | 24.69557 | .2370957 |
| #3 | .0273351 | .0088524 | .0489088 | .0121539 | .0113579 | 24.58185 | .2323058 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023279 | .0004594 | 99.96582 | .0482580 | .0561069 | .0343068 | 57.70256 |
| Stddev | .0001598 | .0000935 | .48752   | .0006167 | .0003593 | .0113496 | .10126   |
| %RSD   | 6.862838 | 20.35834 | .4876879 | 1.278011 | .6403914 | 33.08280 | .1754815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021541 | .0005615 | 99.40288 | .0478126 | .0558866 | .0350775 | 57.62427 |
| #2 | .0024684 | .0003780 | 100.2480 | .0479995 | .0565215 | .0225914 | 57.81691 |
| #3 | .0023612 | .0004387 | 100.2466 | .0489619 | .0559125 | .0452514 | 57.66651 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.166481 | 43.78782 | .0778904 | -.004942 | .3089513 | .0554838 | .1197802 |
| Stddev | .003961  | .09450   | .0009385 | .000586  | .0245474 | .0019739 | .0010134 |
| %RSD   | .3395769 | .2158122 | 1.204841 | 11.85017 | 7.945410 | 3.557654 | .8460274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.170860 | 43.83987 | .0783664 | -.005202 | .3335116 | .0536163 | .1206486 |
| #2 | 1.165435 | 43.67874 | .0768093 | -.005353 | .2844168 | .0552858 | .1186668 |
| #3 | 1.163148 | 43.84485 | .0784954 | -.004272 | .3089255 | .0575493 | .1200251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.959568 | 1.008460 | -.108591 | .0085868 | 1.306896 | 1.640670 | -.003327 |
| Stddev | .221636  | .006225  | .003811  | .0006178 | .005397  | .009137  | .002831  |
| %RSD   | 5.597474 | .6173059 | 3.509491 | 7.194755 | .4129994 | .5569175 | 85.08814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.864841 | 1.014308 | -.104930 | .0092761 | 1.305964 | 1.635360 | -.001926 |
| #2 | 3.801037 | 1.009155 | -.108308 | .0080830 | 1.302026 | 1.635429 | -.001470 |
| #3 | 4.212826 | 1.001916 | -.112536 | .0084012 | 1.312699 | 1.651220 | -.006586 |

Sample Name: P5352-04LX5      Acquired: 01/03/2025 17:25:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3842274 | .0715953 | .0530603 |
| Stddev | .0049947 | .0004222 | .0014111 |
| %RSD   | 1.299930 | .5897348 | 2.659451 |
| #1     | .3840559 | .0714335 | .0537757 |
| #2     | .3893056 | .0712779 | .0514348 |
| #3     | .3793206 | .0720745 | .0539706 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1827.673 | 18814.72 | 1818.837 | 1376.555 | 1909.181 |
| Stddev    | 5.583    | 133.21   | 3.170    | 7.108    | 4.604    |
| %RSD      | .3054734 | .7079831 | .1742830 | .5163927 | .2411368 |
| #1        | 1823.447 | 18750.90 | 1816.569 | 1374.676 | 1903.938 |
| #2        | 1834.002 | 18725.43 | 1817.483 | 1370.575 | 1911.040 |
| #3        | 1825.570 | 18967.82 | 1822.459 | 1384.414 | 1912.564 |

Sample Name: P5352-06      Acquired: 01/03/2025 17:29:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1876753 | .0475614 | .2717656 | .2607693 | .2170891 | 114.9167 | 4.731751 |
| Stddev | .0041518 | .0015034 | .0070563 | .0054288 | .0043055 | 1.2279   | .015158  |
| %RSD   | 2.212245 | 3.161016 | 2.596457 | 2.081844 | 1.983293 | 1.068496 | .3203541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1839962 | .0492858 | .2736684 | .2641019 | .2140018 | 115.2478 | 4.728397 |
| #2 | .1868528 | .0468722 | .2639531 | .2545050 | .2220075 | 113.5572 | 4.718551 |
| #3 | .1921768 | .0465261 | .2776754 | .2637011 | .2152580 | 115.9451 | 4.748306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1036939 | .1023742 | 444.8214 | .5987192 | 1.189699 | .6093512 | 257.4923 |
| Stddev | .0006272 | .0001574 | 1.9660   | .0020023 | .003023  | .0195560 | 2.2110   |
| %RSD   | .6048841 | .1537107 | .4419859 | .3344256 | .2540823 | 3.209315 | .8586636 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1043920 | .1024895 | 445.1388 | .5978810 | 1.191501 | .6224671 | 258.2795 |
| #2 | .1031779 | .1021950 | 442.7160 | .5972723 | 1.186209 | .5868742 | 254.9954 |
| #3 | .1035117 | .1024383 | 446.6095 | .6010044 | 1.191386 | .6187124 | 259.2020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.050786 | 191.6667 | 1.414273 | .0472630 | 1.483915 | 1.247169 | 1.372256 |
| Stddev | .031086  | 1.4405   | .003451  | .0015452 | .018471  | .011046  | .006280  |
| %RSD   | .5137467 | .7515645 | .2439969 | 3.269458 | 1.244721 | .8857057 | .4576305 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.070877 | 191.6644 | 1.413233 | .0481150 | 1.505238 | 1.234766 | 1.374468 |
| #2 | 6.014980 | 190.2273 | 1.411462 | .0454793 | 1.473653 | 1.250793 | 1.377131 |
| #3 | 6.066501 | 193.1083 | 1.418124 | .0481947 | 1.472854 | 1.255948 | 1.365170 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.15686 | 5.099332 | -.471683 | .0186982 | 6.701435 | 7.664247 | .0234671 |
| Stddev | .32249   | .004126  | .003663  | .0004955 | .010372  | .075953  | .0011242 |
| %RSD   | 1.599881 | .0809049 | .7765283 | 2.650255 | .1547668 | .9910063 | 4.790553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 20.23150 | 5.099828 | -.474779 | .0190214 | 6.712933 | 7.743832 | .0227400 |
| #2 | 19.80360 | 5.094981 | -.467640 | .0181277 | 6.698588 | 7.592539 | .0247620 |
| #3 | 20.43548 | 5.103188 | -.472631 | .0189454 | 6.692785 | 7.656370 | .0228994 |



Sample Name: P5352-06      Acquired: 01/03/2025 17:29:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2926S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.762726 | .3275378 | .2697460 |
| Stddev | .007147  | .0015725 | .0040048 |
| %RSD   | .4054685 | .4800893 | 1.484651 |
| #1     | 1.765102 | .3284157 | .2661875 |
| #2     | 1.754693 | .3257224 | .2689678 |
| #3     | 1.768383 | .3284753 | .2740828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1895.720 | 19489.76 | 1933.499 | 1424.875 | 1743.849 |
| Stddev    | 3.948    | 73.99    | 18.475   | .482     | 3.288    |
| %RSD      | .2082799 | .3796380 | .9555255 | .0338033 | .1885500 |
| #1        | 1898.275 | 19520.59 | 1916.263 | 1425.075 | 1744.465 |
| #2        | 1897.712 | 19543.36 | 1953.004 | 1424.326 | 1746.786 |
| #3        | 1891.172 | 19405.34 | 1931.230 | 1425.225 | 1740.297 |

Sample Name: P5201-19      Acquired: 01/03/2025 17:32:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1215165 | -.064532 | .3902523 | .1612852 | .0623705 | 114.1381 | .7807668 |
| Stddev | .0054757 | .003183  | .0014324 | .0022210 | .0047639 | .4488    | .0039063 |
| %RSD   | 4.506113 | 4.932661 | .3670540 | 1.377070 | 7.638019 | .3932361 | .5003167 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1267587 | -.067983 | .3905247 | .1591772 | .0575637 | 113.6553 | .7766510 |
| #2 | .1158339 | -.063901 | .3915289 | .1636042 | .0670902 | 114.2164 | .7812265 |
| #3 | .1219569 | -.061711 | .3887032 | .1610742 | .0624574 | 114.5426 | .7844229 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097450 | .0033955 | 30.92068 | .1459693 | .1601862 | .1959893 | 289.8834 |
| Stddev | .0001891 | .0001354 | .21744   | .0010278 | .0003282 | .0040731 | 1.1970   |
| %RSD   | 1.940637 | 3.986316 | .7032336 | .7041042 | .2048765 | 2.078217 | .4129406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097722 | .0035473 | 30.70252 | .1452368 | .1602210 | .1956159 | 288.5023 |
| #2 | .0099191 | .0033517 | 30.92213 | .1455270 | .1598420 | .2002363 | 290.6220 |
| #3 | .0095438 | .0032874 | 31.13740 | .1471442 | .1604956 | .1921158 | 290.5260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.49034 | 34.47786 | .2179814 | -.020647 | .5404967 | .2820685 | .3041500 |
| Stddev | .09496   | .22882   | .0011329 | .000717  | .0106971 | .0104173 | .0031330 |
| %RSD   | .5758528 | .6636850 | .5197343 | 3.473710 | 1.979115 | 3.693185 | 1.030083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.38100 | 34.22555 | .2189977 | -.021423 | .5300301 | .2897182 | .3017381 |
| #2 | 16.53783 | 34.53607 | .2167599 | -.020509 | .5514102 | .2702042 | .3030209 |
| #3 | 16.55218 | 34.67196 | .2181868 | -.020009 | .5400500 | .2862830 | .3076911 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.651851 | 3.784781 | -.634306 | .0079886 | .5692978 | 4.183095 | .0188750 |
| Stddev | .178183  | .006122  | .003805  | .0007337 | .0017249 | .003298  | .0009211 |
| %RSD   | 2.328626 | .1617635 | .5999113 | 9.184503 | .3029812 | .0788508 | 4.879884 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.464722 | 3.781724 | -.633338 | .0071436 | .5673084 | 4.186895 | .0197756 |
| #2 | 7.671348 | 3.780789 | -.631078 | .0084635 | .5702089 | 4.181423 | .0179347 |
| #3 | 7.819484 | 3.791830 | -.638502 | .0083588 | .5703761 | 4.180967 | .0189146 |

Sample Name: P5201-19      Acquired: 01/03/2025 17:32:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.296761 | -.175873 | .1124533 |
| Stddev | .012476  | .000507  | .0025738 |
| %RSD   | .9621214 | .2884261 | 2.288820 |
| #1     | 1.290837 | -.175396 | .1100654 |
| #2     | 1.288350 | -.176406 | .1151796 |
| #3     | 1.311096 | -.175818 | .1121148 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2307.641 | 23259.80 | 2275.337 | 1713.373 | 1859.110 |
| Stddev    | 6.715    | 79.36    | 5.403    | 11.660   | 5.612    |
| %RSD      | .2910114 | .3411812 | .2374750 | .6805053 | .3018541 |
| #1        | 2300.880 | 23259.11 | 2272.048 | 1717.796 | 1853.934 |
| #2        | 2314.309 | 23339.50 | 2281.573 | 1722.175 | 1865.074 |
| #3        | 2307.733 | 23180.79 | 2272.389 | 1700.150 | 1858.320 |

Sample Name: P5201-20      Acquired: 01/03/2025 17:36:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1208771 | -.062018 | .3908096 | .1657343 | .0650118 | 114.3817 | .7810871 |
| Stddev | .0008349 | .004327  | .0013799 | .0083190 | .0034479 | .3427    | .0053496 |
| %RSD   | .6906844 | 6.976758 | .3530872 | 5.019479 | 5.303547 | .2996528 | .6848963 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1211368 | -.062697 | .3902498 | .1635630 | .0644996 | 114.5780 | .7821811 |
| #2 | .1199433 | -.057392 | .3897977 | .1749236 | .0618486 | 113.9859 | .7752751 |
| #3 | .1215513 | -.065966 | .3923815 | .1587162 | .0686872 | 114.5811 | .7858053 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099948 | .0034761 | 31.09744 | .1463425 | .1605570 | .1853026 | 290.8678 |
| Stddev | .0001710 | .0000814 | .16397   | .0001792 | .0001585 | .0076931 | 1.0494   |
| %RSD   | 1.710610 | 2.342465 | .5272848 | .1224594 | .0987266 | 4.151617 | .3607968 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0098117 | .0035682 | 31.14604 | .1461357 | .1605339 | .1789570 | 291.7849 |
| #2 | .0100225 | .0034138 | 30.91466 | .1464387 | .1604113 | .1938590 | 289.7233 |
| #3 | .0101503 | .0034462 | 31.23162 | .1464531 | .1607258 | .1830918 | 291.0953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.52937 | 34.36290 | .2206981 | -.020808 | .5316026 | .2747463 | .3094816 |
| Stddev | .02892   | .10741   | .0012749 | .000905  | .0071706 | .0159914 | .0009101 |
| %RSD   | .1749528 | .3125842 | .5776524 | 4.350795 | 1.348856 | 5.820434 | .2940822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.52614 | 34.33334 | .2219407 | -.020653 | .5388999 | .2875890 | .3084313 |
| #2 | 16.50220 | 34.27337 | .2193932 | -.021781 | .5313419 | .2798152 | .3100385 |
| #3 | 16.55977 | 34.48200 | .2207605 | -.019990 | .5245659 | .2568348 | .3099749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.589540 | 3.788160 | -.633870 | .0078204 | .5729120 | 4.192512 | .0200753 |
| Stddev | .061733  | .012838  | .006873  | .0003005 | .0037041 | .022787  | .0018550 |
| %RSD   | .8134011 | .3389036 | 1.084242 | 3.842878 | .6465366 | .5435262 | 9.240299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.635185 | 3.799933 | -.635592 | .0076170 | .5724417 | 4.203589 | .0215636 |
| #2 | 7.614136 | 3.774472 | -.626300 | .0076787 | .5768288 | 4.166304 | .0206654 |
| #3 | 7.519300 | 3.790074 | -.639718 | .0081656 | .5694655 | 4.207643 | .0179971 |

Sample Name: P5201-20      Acquired: 01/03/2025 17:36:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.306015 | -.176882 | .1115108 |
| Stddev | .008463  | .000597  | .0006991 |
| %RSD   | .6479722 | .3374153 | .6269209 |
| #1     | 1.315726 | -.177192 | .1115903 |
| #2     | 1.300219 | -.176194 | .1121667 |
| #3     | 1.302099 | -.177260 | .1107753 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2320.263 | 23455.19 | 2297.087 | 1730.857 | 1866.674 |
| Stddev    | 6.900    | 96.13    | 18.450   | 9.880    | 4.515    |
| %RSD      | .2973840 | .4098514 | .8031829 | .5707950 | .2419002 |
| #1        | 2324.827 | 23350.06 | 2279.236 | 1719.642 | 1864.622 |
| #2        | 2323.637 | 23538.60 | 2316.082 | 1738.274 | 1871.851 |
| #3        | 2312.325 | 23476.92 | 2295.942 | 1734.656 | 1863.549 |

Sample Name: P5201-19LX5      Acquired: 01/03/2025 17:40:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0276208 | -.017129 | .0756398 | .0368179 | .0180164 | 28.46327 | .1903659 |
| Stddev | .0054918 | .002256  | .0030476 | .0041167 | .0037118 | .27328   | .0025489 |
| %RSD   | 19.88287 | 13.16762 | 4.029067 | 11.18125 | 20.60239 | .9601212 | 1.338941 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0326793 | -.016779 | .0768481 | .0409984 | .0218151 | 28.60845 | .1932978 |
| #2 | .0284035 | -.019539 | .0778980 | .0366871 | .0178359 | 28.14803 | .1891225 |
| #3 | .0217796 | -.015069 | .0721734 | .0327682 | .0143981 | 28.63332 | .1886772 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023357 | .0005002 | 7.664636 | .0365784 | .0337040 | .0484677 | 71.77631 |
| Stddev | .0001807 | .0000345 | .085438  | .0010314 | .0001757 | .0026556 | .22884   |
| %RSD   | 7.734583 | 6.895267 | 1.114700 | 2.819732 | .5213960 | 5.479012 | .3188282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025167 | .0005265 | 7.681218 | .0356866 | .0335022 | .0499152 | 71.93091 |
| #2 | .0023351 | .0004612 | 7.572123 | .0363407 | .0338232 | .0454029 | 71.51342 |
| #3 | .0021553 | .0005130 | 7.740567 | .0377079 | .0337866 | .0500850 | 71.88459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.140622 | 8.579557 | .0435355 | -.006326 | .1014505 | .0538848 | .0777686 |
| Stddev | .022460  | .110389  | .0006449 | .001311  | .0175884 | .0048683 | .0008890 |
| %RSD   | .5424360 | 1.286655 | 1.481228 | 20.72746 | 17.33692 | 9.034619 | 1.143081 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.150748 | 8.608491 | .0438249 | -.005984 | .1217558 | .0533530 | .0778512 |
| #2 | 4.114882 | 8.457582 | .0439848 | -.005219 | .0909460 | .0589971 | .0786133 |
| #3 | 4.156237 | 8.672598 | .0427966 | -.007774 | .0916497 | .0493042 | .0768412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.975687 | .7523062 | -.162663 | .0013784 | .0996046 | 1.165037 | -.007884 |
| Stddev | .227334  | .0002607 | .002131  | .0008277 | .0024032 | .005615  | .001047  |
| %RSD   | 11.50657 | .0346485 | 1.310175 | 60.04857 | 2.412748 | .4819990 | 13.27664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.236218 | .7520052 | -.164559 | .0008468 | .0995330 | 1.168161 | -.007218 |
| #2 | 1.817615 | .7524619 | -.160356 | .0023321 | .1020427 | 1.168395 | -.007343 |
| #3 | 1.873227 | .7524513 | -.163073 | .0009564 | .0972379 | 1.158554 | -.009090 |

Sample Name: P5201-19LX5      Acquired: 01/03/2025 17:40:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3160931 | -.043257 | .0217884 |
| Stddev | .0012621 | .000213  | .0019937 |
| %RSD   | .3992699 | .4926645 | 9.150475 |
| #1     | .3148543 | -.043145 | .0235096 |
| #2     | .3160477 | -.043502 | .0196037 |
| #3     | .3173772 | -.043122 | .0222518 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1927.246 | 19516.94 | 1897.446 | 1448.091 | 1963.482 |
| Stddev    | 5.435    | 94.15    | 12.423   | 11.924   | 4.198    |
| %RSD      | .2819929 | .4823801 | .6547325 | .8234501 | .2137945 |
| #1        | 1928.333 | 19415.39 | 1883.760 | 1440.412 | 1963.150 |
| #2        | 1921.351 | 19534.11 | 1900.566 | 1442.032 | 1959.460 |
| #3        | 1932.056 | 19601.32 | 1908.011 | 1461.828 | 1967.836 |

Sample Name: P5201-21      Acquired: 01/03/2025 17:44:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1969138 | .0188452 | .4224732 | .2992461 | .1996946 | 115.8158 | 3.998103 |
| Stddev | .0058186 | .0013014 | .0045563 | .0036156 | .0027977 | .4123    | .013075  |
| %RSD   | 2.954876 | 6.905690 | 1.078478 | 1.208232 | 1.400973 | .3560035 | .3270393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1926352 | .0202960 | .4268445 | .3032903 | .1966601 | 115.3695 | 3.986084 |
| #2 | .1945668 | .0184589 | .4228229 | .2963264 | .2002521 | 116.1825 | 3.996200 |
| #3 | .2035393 | .0177806 | .4177521 | .2981216 | .2021715 | 115.8955 | 4.012026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0895171 | .1044556 | 31.05000 | .4804763 | 1.187754 | .5767274 | 288.6292 |
| Stddev | .0008273 | .0003967 | .16891   | .0008634 | .003223  | .0085001 | .3536    |
| %RSD   | .9241928 | .3798122 | .5439870 | .1796880 | .2713490 | 1.473844 | .1224962 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0896929 | .1042543 | 30.93382 | .4810863 | 1.186893 | .5745499 | 288.2260 |
| #2 | .0886160 | .1042000 | 30.97242 | .4794884 | 1.185049 | .5695280 | 288.7753 |
| #3 | .0902424 | .1049127 | 31.24376 | .4808541 | 1.191320 | .5861045 | 288.8863 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.15099 | 34.01670 | 1.260434 | .0386233 | .5438225 | 1.080648 | 1.010942 |
| Stddev | .04512   | .19821   | .004735  | .0015127 | .0097835 | .005007  | .007457  |
| %RSD   | .2630689 | .5826949 | .3756729 | 3.916451 | 1.799023 | .4632904 | .7376387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.10620 | 34.01572 | 1.259976 | .0402387 | .5507661 | 1.075837 | 1.002959 |
| #2 | 17.15036 | 34.21540 | 1.255945 | .0372404 | .5326334 | 1.080276 | 1.012139 |
| #3 | 17.19643 | 33.81898 | 1.265381 | .0383907 | .5480681 | 1.085830 | 1.017728 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.704983 | 3.754993 | -.632836 | .0080697 | .5739057 | 4.206028 | .0195837 |
| Stddev | .333029  | .013496  | .010383  | .0011826 | .0074109 | .032160  | .0029829 |
| %RSD   | 4.322261 | .3594197 | 1.640726 | 14.65425 | 1.291304 | .7646074 | 15.23155 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.526063 | 3.753726 | -.633803 | .0086450 | .5803133 | 4.199615 | .0229285 |
| #2 | 7.499657 | 3.742175 | -.622003 | .0067096 | .5657899 | 4.177559 | .0186234 |
| #3 | 8.089230 | 3.769078 | -.642701 | .0088546 | .5756139 | 4.240911 | .0171993 |



Sample Name: P5201-21      Acquired: 01/03/2025 17:44:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.293123 | -.175624 | .1138949 |
| Stddev | .000849  | .000231  | .0012596 |
| %RSD   | .0656759 | .1316664 | 1.105902 |
| #1     | 1.292190 | -.175658 | .1152637 |
| #2     | 1.293851 | -.175378 | .1127846 |
| #3     | 1.293329 | -.175837 | .1136364 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2311.120 | 23574.70 | 2302.330 | 1743.715 | 1866.886 |
| Stddev    | 4.423    | 77.92    | 9.013    | 10.403   | 4.272    |
| %RSD      | .1913866 | .3305026 | .3914670 | .5966156 | .2288143 |
| #1        | 2315.506 | 23558.67 | 2304.039 | 1753.262 | 1866.872 |
| #2        | 2311.194 | 23506.06 | 2310.365 | 1732.627 | 1871.165 |
| #3        | 2306.661 | 23659.39 | 2292.584 | 1745.255 | 1862.621 |

Sample Name: P5212-05      Acquired: 01/03/2025 17:48:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1247732 | -.005326 | 1.853927 | .0664241 | .0319680 | 64.92132 |
| Stddev | .0066588 | .003448  | .005158  | .0027478 | .0032692 | .21883   |
| %RSD   | 5.336728 | 64.74048 | .2782046 | 4.136690 | 10.22649 | .3370678 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1323301 | -.008260 | 1.859782 | .0649325 | .0284468 | 65.17290 |
| #2 | .1222235 | -.006190 | 1.851945 | .0647447 | .0325501 | 64.81598 |
| #3 | .1197660 | -.001528 | 1.850055 | .0695951 | .0349070 | 64.77509 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.868325 | .0058107 | .0056896 | 289.3910 | .1628481 | .1346455 |
| Stddev | .006353  | .0000914 | .0000798 | .6648    | .0015802 | .0006874 |
| %RSD   | .3400493 | 1.573266 | 1.403154 | .2297118 | .9703227 | .5105379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.875586 | .0058739 | .0057596 | 290.1064 | .1637151 | .1353778 |
| #2 | 1.865602 | .0058522 | .0056026 | 289.2742 | .1610243 | .1340141 |
| #3 | 1.863788 | .0057059 | .0057065 | 288.7924 | .1638050 | .1345446 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4042896 | 164.5024 | 13.55404 | 41.23241 | .1585661 | -.007475 |
| Stddev | .0039670 | .6718    | .02701   | .17963   | .0008111 | .000808  |
| %RSD   | .9812225 | .4084119 | .1992449 | .4356543 | .5115216 | 10.80485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3998044 | 165.2408 | 13.58402 | 41.43913 | .1576654 | -.008285 |
| #2 | .4057261 | 163.9270 | 13.54649 | 41.11432 | .1592388 | -.006670 |
| #3 | .4073382 | 164.3395 | 13.53162 | 41.14377 | .1587940 | -.007470 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6959385 | .1770379 | 1.100185 | 7.607690 | F 14.65541 | -.321687 |
| Stddev | .0204865 | .0108613 | .001797  | .149700  | .01888     | .002759  |
| %RSD   | 2.943722 | 6.135024 | .1633521 | 1.967746 | .1288288   | .8575687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7195280 | .1725335 | 1.098374 | 7.445487 | 14.67256 | -.324501 |
| #2 | .6826116 | .1894267 | 1.100213 | 7.740539 | 14.65848 | -.321574 |
| #3 | .6856758 | .1691535 | 1.101968 | 7.637044 | 14.63518 | -.318987 |

Sample Name: P5212-05      Acquired: 01/03/2025 17:48:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131961 | 3.136351 | 10.88113 | .0822546 | .7415821 | .2031343 |
| Stddev | .0008335 | .011455  | .07622   | .0015469 | .0028801 | .0011818 |
| %RSD   | 6.316345 | .3652333 | .7004962 | 1.880612 | .3883780 | .5817742 |
| #1     | .0122587 | 3.133911 | 10.96870 | .0821081 | .7446968 | .2035345 |
| #2     | .0134760 | 3.148830 | 10.82967 | .0807862 | .7410345 | .2040641 |
| #3     | .0138536 | 3.126313 | 10.84503 | .0838696 | .7390151 | .2018044 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0970067 |
| Stddev | .0042689 |
| %RSD   | 4.400631 |
| #1     | .1019338 |
| #2     | .0946689 |
| #3     | .0944173 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2210.815 | 22547.47 | 2229.836 | 1661.960 | 1859.645 |
| Stddev    | 1.497    | 79.43    | 14.771   | 4.432    | 2.442    |
| %RSD      | .0677009 | .3522898 | .6624452 | .2666793 | .1313262 |
| #1        | 2209.164 | 22526.21 | 2213.039 | 1662.752 | 1862.194 |
| #2        | 2212.084 | 22635.37 | 2240.801 | 1665.942 | 1857.326 |
| #3        | 2211.196 | 22480.83 | 2235.668 | 1657.185 | 1859.416 |

Sample Name: P5212-06      Acquired: 01/03/2025 17:51:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1298440 | -.001457 | 1.843290 | .0628317 | .0364020 | 64.56243 |
| Stddev | .0049436 | .002793  | .003403  | .0054762 | .0029869 | .44861   |
| %RSD   | 3.807326 | 191.7144 | .1846090 | 8.715677 | 8.205425 | .6948510 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1253831 | -.000602 | 1.842742 | .0690457 | .0330943 | 64.10778 |
| #2 | .1351590 | .000809  | 1.846934 | .0587106 | .0372095 | 65.00475 |
| #3 | .1289898 | -.004577 | 1.840195 | .0607386 | .0389022 | 64.57475 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.857570 | .0058105 | .0056219 | 287.8911 | .1618723 | .1338023 |
| Stddev | .001834  | .0001278 | .0000385 | .7335    | .0003103 | .0015984 |
| %RSD   | .0987180 | 2.199289 | .6849550 | .2547985 | .1916785 | 1.194608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.856265 | .0059390 | .0055855 | 287.0863 | .1619645 | .1344136 |
| #2 | 1.856778 | .0056834 | .0056178 | 288.5222 | .1621259 | .1319884 |
| #3 | 1.859666 | .0058090 | .0056622 | 288.0647 | .1615263 | .1350048 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3934045 | 163.5655 | 13.50355 | 40.65194 | .1565765 | -.007660 |
| Stddev | .0065264 | .6219    | .05582   | .23356   | .0013790 | .000764  |
| %RSD   | 1.658951 | .3801942 | .4133474 | .5745419 | .8807050 | 9.976055 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3979907 | 162.8750 | 13.44021 | 40.74141 | .1579244 | -.007284 |
| #2 | .3962901 | 164.0815 | 13.54554 | 40.38686 | .1551684 | -.008539 |
| #3 | .3859327 | 163.7400 | 13.52490 | 40.82753 | .1566367 | -.007157 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6772811 | .1699516 | 1.094857 | 7.341839 | F 14.49295 | -.323271 |
| Stddev | .0115284 | .0117945 | .004085  | .170886  | .00830     | .001689  |
| %RSD   | 1.702158 | 6.939895 | .3730751 | 2.327560 | .0572409   | .5225196 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6668129 | .1821367 | 1.098401 | 7.259140 | 14.50039 | -.325211 |
| #2 | .6753936 | .1585910 | 1.095779 | 7.538342 | 14.48401 | -.322474 |
| #3 | .6896367 | .1691271 | 1.090389 | 7.228035 | 14.49446 | -.322128 |

Sample Name: P5212-06      Acquired: 01/03/2025 17:51:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0127238 | 3.098609 | 10.84627 | .0824215 | .7385454 | .2038408 |
| Stddev | .0004276 | .004924  | .02867   | .0015285 | .0072994 | .0006205 |
| %RSD   | 3.360301 | .1589109 | .2643172 | 1.854482 | .9883472 | .3043785 |
| #1     | .0122451 | 3.093560 | 10.86901 | .0813559 | .7301356 | .2031255 |
| #2     | .0130677 | 3.103397 | 10.85574 | .0841728 | .7422630 | .2042334 |
| #3     | .0128587 | 3.098869 | 10.81407 | .0817358 | .7432376 | .2041635 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0955069 |
| Stddev | .0026574 |
| %RSD   | 2.782383 |
| #1     | .0927233 |
| #2     | .0980169 |
| #3     | .0957806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2202.545 | 22586.37 | 2236.420 | 1662.960 | 1863.261 |
| Stddev    | 5.110    | 76.07    | 5.027    | 5.587    | 3.923    |
| %RSD      | .2320261 | .3367855 | .2247873 | .3359895 | .2105234 |
| #1        | 2207.003 | 22647.01 | 2235.988 | 1666.375 | 1863.992 |
| #2        | 2196.968 | 22501.02 | 2231.623 | 1656.512 | 1859.025 |
| #3        | 2203.663 | 22611.09 | 2241.649 | 1665.992 | 1866.767 |

Sample Name: P5212-05LX5      Acquired: 01/03/2025 17:55:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199139 | .0074201 | .3734713 | .0076933 | .0071001 | 15.76017 | .4367206 |
| Stddev | .0009647 | .0015885 | .0031123 | .0061015 | .0019390 | .03783   | .0009311 |
| %RSD   | 4.844264 | 21.40825 | .8333337 | 79.30902 | 27.30975 | .2400222 | .2131990 |
| #1     | .0188008 | .0082852 | .3757452 | .0138045 | .0062928 | 15.72950 | .4357949 |
| #2     | .0204333 | .0083883 | .3699244 | .0076739 | .0056952 | 15.74856 | .4376570 |
| #3     | .0205075 | .0055868 | .3747445 | .0016016 | .0093123 | 15.80244 | .4367098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013808 | .0009903 | 68.82187 | .0383564 | .0433377 | .0855645 | 39.45007 |
| Stddev | .0002184 | .0000302 | .26126   | .0004333 | .0002191 | .0124807 | .15940   |
| %RSD   | 15.81831 | 3.050806 | .3796184 | 1.129632 | .5055980 | 14.58628 | .4040488 |
| #1     | .0014676 | .0010125 | 68.99965 | .0383612 | .0435872 | .0990776 | 39.62863 |
| #2     | .0011323 | .0009558 | 68.52190 | .0387873 | .0431766 | .0831452 | 39.32212 |
| #3     | .0015425 | .0010024 | 68.94405 | .0379208 | .0432493 | .0744705 | 39.39947 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.286783 | 9.957810 | .0269186 | -.001276 | .1462345 | .0339806 | .2655798 |
| Stddev | .010239  | .169449  | .0005384 | .001052  | .0277103 | .0093493 | .0026343 |
| %RSD   | .3115195 | 1.701670 | 1.999999 | 82.46472 | 18.94922 | 27.51375 | .9919081 |
| #1     | 3.296756 | 10.13988 | .0269712 | -.000215 | .1152900 | .0379053 | .2634954 |
| #2     | 3.287295 | 9.92884  | .0274288 | -.002320 | .1546579 | .0407280 | .2685406 |
| #3     | 3.276298 | 9.80471  | .0263559 | -.001293 | .1687558 | .0233087 | .2647034 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.947168 | 2.846730 | -.082757 | .0071901 | .5985249 | 2.633463 | .0057886 |
| Stddev | .199506  | .010465  | .001306  | .0004762 | .0031889 | .006422  | .0015664 |
| %RSD   | 10.24597 | .3675986 | 1.578504 | 6.622863 | .5327864 | .2438658 | 27.05928 |
| #1     | 2.176341 | 2.840601 | -.083067 | .0077386 | .6022070 | 2.637232 | .0065765 |
| #2     | 1.812271 | 2.840775 | -.083880 | .0069500 | .5967067 | 2.626048 | .0039847 |
| #3     | 1.852891 | 2.858813 | -.081323 | .0068818 | .5966610 | 2.637109 | .0068046 |

Sample Name: P5212-05LX5      Acquired: 01/03/2025 17:55:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1681173 | .0475637 | .0146530 |
| Stddev | .0048807 | .0001074 | .0043948 |
| %RSD   | 2.903173 | .2257274 | 29.99280 |
| #1     | .1687917 | .0475836 | .0180641 |
| #2     | .1629344 | .0476598 | .0162012 |
| #3     | .1726257 | .0474478 | .0096935 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1888.895 | 19197.76 | 1865.590 | 1409.629 | 1948.747 |
| Stddev    | 1.601    | 64.29    | 4.375    | 10.015   | 1.715    |
| %RSD      | .0847775 | .3348668 | .2344911 | .7104399 | .0879811 |
| #1        | 1888.232 | 19197.72 | 1860.539 | 1411.971 | 1949.337 |
| #2        | 1890.721 | 19133.49 | 1868.051 | 1398.651 | 1950.089 |
| #3        | 1887.732 | 19262.06 | 1868.180 | 1418.265 | 1946.816 |

Sample Name: CCV103      Acquired: 01/03/2025 17:59:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV103      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.887965 | 4.870437 | 24.67143 | 4.877354 | 4.906258 | 402.2004 |
| Stddev | .007008  | .009030  | .04506   | .017560  | .015427  | 3.3642   |
| %RSD   | .1433795 | .1853950 | .1826234 | .3600269 | .3144265 | .8364363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.894452 | 4.880850 | 24.66080 | 4.857485 | 4.892926 | 404.2082 |
| #2 | 4.880532 | 4.865702 | 24.63265 | 4.883790 | 4.902694 | 398.3166 |
| #3 | 4.888910 | 4.864761 | 24.72085 | 4.890788 | 4.923155 | 404.0764 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.14044 | .5148720 | 2.475023 | 405.2222 | 15.44588 | 2.512421 |
| Stddev | .03466   | .0026470 | .002744  | 1.8625   | .01286   | .003001  |
| %RSD   | .3418484 | .5141134 | .1108478 | .4596365 | .0832269 | .1194652 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.17265 | .5155599 | 2.473246 | 407.3470 | 15.45560 | 2.511824 |
| #2 | 10.14492 | .5171072 | 2.473640 | 403.8715 | 15.43130 | 2.509762 |
| #3 | 10.10376 | .5119489 | 2.478182 | 404.4482 | 15.45074 | 2.515675 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.25920 | 405.3560 | 15.15921 | 406.2900 | 2.507345 | 1.245691 |
| Stddev | .05539   | 2.7756   | .10949   | 2.4384   | .002595  | .002627  |
| %RSD   | .3629709 | .6847198 | .7222982 | .6001533 | .1035024 | .2108912 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.32281 | 406.9677 | 15.19183 | 408.3153 | 2.506760 | 1.248713 |
| #2 | 15.22165 | 402.1510 | 15.03711 | 403.5835 | 2.505092 | 1.243948 |
| #3 | 15.23314 | 406.9491 | 15.24869 | 406.9713 | 2.510183 | 1.244413 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 416.2829 | 2.530663 | 14.65352 | 154.3237 | 4.982117 | F 4.464340 |
| Stddev | 1.3960   | .035493  | .04291   | .8929    | .010924  | .021133    |
| %RSD   | .3353530 | 1.402516 | .2928331 | .5786000 | .2192550 | .4733834   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 417.8107 | 2.551722 | 14.69546 | 155.2568 | 4.989697 | 4.473963 |
| #2 | 415.9643 | 2.489684 | 14.65539 | 153.4773 | 4.969596 | 4.478950 |
| #3 | 415.0738 | 2.550582 | 14.60970 | 154.2369 | 4.987058 | 4.440108 |



Sample Name: CCV103      Acquired: 01/03/2025 17:59:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV103      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.885210 | 4.916386 | 5.045221 | 4.984769 | 5.045768 | 4.799414 |
| Stddev | .008810  | .004949  | .027485  | .002637  | .052343  | .027841  |
| %RSD   | .1803370 | .1006548 | .5447777 | .0528969 | 1.037361 | .5800898 |
| #1     | 4.876636 | 4.921778 | 5.053275 | 4.984937 | 5.089684 | 4.815373 |
| #2     | 4.884756 | 4.915329 | 5.067779 | 4.982052 | 4.987847 | 4.767266 |
| #3     | 4.894238 | 4.912052 | 5.014608 | 4.987318 | 5.059772 | 4.815603 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.003343 |
| Stddev | .011527  |
| %RSD   | .2303909 |
| #1     | 5.014514 |
| #2     | 4.991490 |
| #3     | 5.004024 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1502.785 | 16481.58 | 1668.904 | 1123.302 | 1619.151 |
| Stddev    | 2.736    | 76.60    | 4.191    | 2.328    | 1.631    |
| %RSD      | .1820861 | .4647513 | .2510988 | .2072624 | .1007306 |
| #1        | 1505.943 | 16456.86 | 1665.284 | 1120.881 | 1621.026 |
| #2        | 1501.116 | 16567.48 | 1667.933 | 1125.524 | 1618.365 |
| #3        | 1501.296 | 16420.39 | 1673.495 | 1123.502 | 1618.062 |

Sample Name: CCB103      Acquired: 01/03/2025 18:03:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB103      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001446 | .0008454 | -.000859 | -.000454 | .0003634 | .0675623 | -.001813 |
| Stddev | .003607  | .0009536 | .002473  | .000880  | .0034178 | .0121984 | .000903  |
| %RSD   | 249.4557 | 112.8046 | 287.8483 | 193.7253 | 940.6517 | 18.05509 | 49.81611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002804 | .0002848 | -.000413 | -.001424 | -.002836 | .0792494 | -.001951 |
| #2 | .002643  | .0003049 | .001361  | .000294  | -.000038 | .0549099 | -.000848 |
| #3 | -.004177 | .0019465 | -.003525 | -.000233 | .003964  | .0685276 | -.002639 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001278 | .0000637 | -.062057 | -.000103 | -.000230 | -.009377 | .0166474 |
| Stddev | .0000595 | .0000631 | .028278  | .000724  | .000152  | .004040  | .0123487 |
| %RSD   | 46.58302 | 99.10036 | 45.56840 | 700.8308 | 66.12122 | 43.07809 | 74.17783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001964 | .0000454 | -.073143 | .000655  | -.000302 | -.012324 | .0140170 |
| #2 | .0000978 | .0001338 | -.029915 | -.000178 | -.000055 | -.004773 | .0300994 |
| #3 | .0000893 | .0000117 | -.083113 | -.000787 | -.000332 | -.011035 | .0058259 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038553 | -.049318 | -.000790 | .0016674 | .1269946 | -.003371 | -.000049 |
| Stddev | .0027600 | .104220  | .000500  | .0003930 | .0134583 | .016288  | .000230  |
| %RSD   | 71.59079 | 211.3214 | 63.23398 | 23.57320 | 10.59757 | 483.1333 | 466.2245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012869 | -.118232 | -.000385 | .0016962 | .1414427 | .001515  | .000206  |
| #2 | .0067736 | -.100300 | -.000637 | .0020452 | .1247270 | .009914  | -.000239 |
| #3 | .0035053 | .070578  | -.001348 | .0012607 | .1148142 | -.021543 | -.000114 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2315351 | -.000483 | .0081695 | .0000915 | -.014449 | -.001291 | .0009656 |
| Stddev | .0351435 | .001758  | .0015957 | .0005800 | .000359  | .000445  | .0005381 |
| %RSD   | 15.17848 | 364.2962 | 19.53204 | 633.9658 | 2.481560 | 34.42866 | 55.72660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1910956 | .000948  | .0078242 | -.000570 | -.014138 | -.001774 | .0007088 |
| #2 | .2488306 | -.002445 | .0067747 | .000334  | -.014369 | -.000900 | .0006040 |
| #3 | .2546791 | .000049  | .0099095 | .000511  | -.014841 | -.001200 | .0015840 |

Sample Name: CCB103      Acquired: 01/03/2025 18:03:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB103      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004402 | -.000220 | .0098201 |
| Stddev | .005031  | .000132  | .0031938 |
| %RSD   | 114.2907 | 59.83869 | 32.52352 |
| #1     | -.003551 | -.000353 | .0068889 |
| #2     | -.009805 | -.000217 | .0132239 |
| #3     | .000149  | -.000090 | .0093474 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1823.571 | 18527.59 | 1799.227 | 1367.276 | 2020.906 |
| Stddev    | 5.642    | 61.80    | 9.639    | 12.378   | 6.798    |
| %RSD      | .3093708 | .3335774 | .5357331 | .9052921 | .3363893 |
| #1        | 1818.581 | 18457.78 | 1803.978 | 1359.057 | 2013.350 |
| #2        | 1822.440 | 18549.70 | 1805.569 | 1381.512 | 2022.842 |
| #3        | 1829.693 | 18575.31 | 1788.135 | 1361.258 | 2026.526 |

Sample Name: P5212-07      Acquired: 01/03/2025 18:07:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2063269 | .0812376 | 1.865619 | .2132975 | .1838416 | 67.99960 |
| Stddev | .0069181 | .0036812 | .006639  | .0035038 | .0028019 | .44592   |
| %RSD   | 3.352986 | 4.531416 | .3558770 | 1.642690 | 1.524076 | .6557744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2141657 | .0775125 | 1.861624 | .2173241 | .1835257 | 67.59268 |
| #2 | .2010752 | .0848733 | 1.861950 | .2116259 | .1867881 | 67.92981 |
| #3 | .2037398 | .0813269 | 1.873283 | .2109426 | .1812111 | 68.47630 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.174954 | .0910545 | .1052172 | 285.3221 | .5161133 | 1.148694 |
| Stddev | .024523  | .0011042 | .0003832 | 1.2673   | .0012934 | .002720  |
| %RSD   | .4738751 | 1.212687 | .3641635 | .4441714 | .2506061 | .2367634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.164433 | .0897887 | .1054106 | 284.6169 | .5151279 | 1.148749 |
| #2 | 5.157447 | .0915544 | .1047759 | 284.5642 | .5175779 | 1.145948 |
| #3 | 5.202982 | .0918202 | .1054652 | 286.7851 | .5156339 | 1.151386 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7951115 | 165.4979 | 14.33721 | 40.79579 | 1.184141 | .0544659 |
| Stddev | .0048383 | 1.2320   | .09329   | .15728   | .002405  | .0010450 |
| %RSD   | .6085033 | .7444493 | .6506945 | .3855332 | .2030637 | 1.918587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7899327 | 164.7719 | 14.28283 | 40.61959 | 1.181723 | .0532723 |
| #2 | .7958859 | 164.8014 | 14.28387 | 40.84578 | 1.184168 | .0552161 |
| #3 | .7995158 | 166.9205 | 14.44493 | 40.92200 | 1.186532 | .0549092 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7559133 | 1.046595 | 1.864239 | 7.439420 | F 14.35527 | -.312293 |
| Stddev | .0224179 | .009950  | .009017  | .307988  | .02836     | .001586  |
| %RSD   | 2.965675 | .9507383 | .4837084 | 4.139948 | .1975599   | .5077006 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7300375 | 1.057237 | 1.872803 | 7.107415 | 14.34784 | -.312910 |
| #2 | .7694795 | 1.045025 | 1.854828 | 7.495032 | 14.33137 | -.310491 |
| #3 | .7682229 | 1.037523 | 1.865087 | 7.715813 | 14.38661 | -.313477 |

Sample Name: P5212-07      Acquired: 01/03/2025 18:07:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139439 | 3.055429 | 10.85094 | .0796958 | .7336099 | .2001869 |
| Stddev | .0003404 | .014100  | .08733   | .0019668 | .0048070 | .0015273 |
| %RSD   | 2.440905 | .4614836 | .8048559 | 2.467842 | .6552590 | .7629518 |
| #1     | .0135746 | 3.048008 | 10.76171 | .0802889 | .7280681 | .1990714 |
| #2     | .0142450 | 3.046589 | 10.85488 | .0775008 | .7366535 | .1995617 |
| #3     | .0140120 | 3.071690 | 10.93624 | .0812978 | .7361080 | .2019276 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0954263 |
| Stddev | .0013596 |
| %RSD   | 1.424711 |
| #1     | .0955198 |
| #2     | .0940224 |
| #3     | .0967366 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2175.797 | 22212.45 | 2185.727 | 1624.886 | 1845.532 |
| Stddev    | 4.545    | 49.54    | 15.666   | 8.552    | 6.438    |
| %RSD      | .2089001 | .2230262 | .7167280 | .5263127 | .3488347 |
| #1        | 2180.882 | 22178.18 | 2201.407 | 1615.022 | 1852.022 |
| #2        | 2174.384 | 22189.91 | 2185.699 | 1630.218 | 1845.427 |
| #3        | 2172.127 | 22269.25 | 2170.075 | 1629.419 | 1839.148 |

Sample Name: P5126-05      Acquired: 01/03/2025 18:11:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2741325 | .0647952 | 4.135668 | .2396316 | .2367651   | 55.30143 |
| Stddev | .0013884 | .0008954 | .008249  | .0072288 | .0014001   | .17704   |
| %RSD   | .5064821 | 1.381827 | .1994554 | 3.016628 | .5913555   | .3201293 |
| #1     | .2742400 | .0641245 | 4.136176 | .2332721 | .2351515   | 55.21184 |
| #2     | .2754641 | .0658119 | 4.127176 | .2381293 | .2374838   | 55.50535 |
| #3     | .2726935 | .0644491 | 4.143650 | .2474935 | .2376599   | 55.18709 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.159022 | .1021612 | .1079308 | 173.6868 | .5701772   | 1.112070 |
| Stddev | .042436  | .0011560 | .0001279 | 1.0577   | .0006276   | .001227  |
| %RSD   | .8225614 | 1.131574 | .1184729 | .6089923 | .1100618   | .1103467 |
| #1     | 5.143800 | .1017330 | .1078376 | 173.6816 | .5698826   | 1.111333 |
| #2     | 5.206970 | .1034703 | .1078782 | 174.7472 | .5697512   | 1.111391 |
| #3     | 5.126297 | .1012805 | .1080766 | 172.6317 | .5708979   | 1.113487 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.014883 | 186.4616 | 6.962534 | 42.79954 | 1.231598   | .0580572 |
| Stddev | .002711  | .9301    | .028065  | .12305   | .001322    | .0011181 |
| %RSD   | .2670764 | .4988114 | .4030878 | .2875047 | .1073061   | 1.925807 |
| #1     | 1.015529 | 185.6052 | 6.939194 | 42.66160 | 1.231080   | .0589459 |
| #2     | 1.017212 | 187.4511 | 6.993674 | 42.89804 | 1.230613   | .0584239 |
| #3     | 1.011908 | 186.3287 | 6.954736 | 42.83897 | 1.233100   | .0568019 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9743547 | 1.158046 | 4.136587 | 6.110857 | F 14.11286 | -.354110 |
| Stddev | .0042047 | .019298  | .012252  | .275498  | .03237     | .007988  |
| %RSD   | .4315378 | 1.666469 | .2961801 | 4.508344 | .2293466   | 2.255873 |
| #1     | .9748299 | 1.142219 | 4.132382 | 5.835987 | 14.10548   | -.355525 |
| #2     | .9783016 | 1.179545 | 4.150388 | 6.386980 | 14.08482   | -.361296 |
| #3     | .9699326 | 1.152372 | 4.126992 | 6.109605 | 14.14828   | -.345509 |

Sample Name: P5126-05      Acquired: 01/03/2025 18:11:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0146442 | 4.325863 | 4.933528 | .3766295 | 1.029449 | .2454840 |
| Stddev | .0006345 | .019653  | .047236  | .0019414 | .010033  | .0009792 |
| %RSD   | 4.332853 | .4543132 | .9574451 | .5154556 | .9746429 | .3988972 |
| #1     | .0152916 | 4.318979 | 4.935217 | .3768263 | 1.026696 | .2453231 |
| #2     | .0140235 | 4.310578 | 4.979897 | .3745972 | 1.040571 | .2465336 |
| #3     | .0146176 | 4.348032 | 4.885471 | .3784650 | 1.021078 | .2445951 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0737289 |
| Stddev | .0012278 |
| %RSD   | 1.665300 |
| #1     | .0724434 |
| #2     | .0738536 |
| #3     | .0748895 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2001.832 | 20272.86 | 2019.389 | 1495.243 | 1921.699 |
| Stddev    | 3.736    | 36.28    | 17.504   | 1.952    | 2.655    |
| %RSD      | .1866370 | .1789426 | .8667852 | .1305267 | .1381820 |
| #1        | 2000.547 | 20231.17 | 2014.189 | 1495.959 | 1919.570 |
| #2        | 2006.041 | 20297.18 | 2005.075 | 1493.035 | 1924.675 |
| #3        | 1998.908 | 20290.24 | 2038.904 | 1496.736 | 1920.852 |

Sample Name: P5054-03A      Acquired: 01/03/2025 18:14:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKR2A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2177228 | .0299646 | 3.392294 | .0595126 | .0324916 | 100.3359 | 1.317195 |
| Stddev | .0050855 | .0033662 | .007515  | .0028134 | .0017914 | .2201    | .005128  |
| %RSD   | 2.335775 | 11.23393 | .2215190 | 4.727419 | 5.513490 | .2193481 | .3892742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2154059 | .0332437 | 3.383893 | .0604121 | .0311226 | 100.5615 | 1.319366 |
| #2 | .2142082 | .0265176 | 3.394615 | .0617662 | .0345191 | 100.1217 | 1.311339 |
| #3 | .2235542 | .0301326 | 3.398375 | .0563594 | .0318331 | 100.3245 | 1.320880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0112895 | .0073290 | 189.9613 | .1536307 | .1933819 | 1.094963 | 158.6513 |
| Stddev | .0001330 | .0001092 | 1.0191   | .0021895 | .0007283 | .010659  | .6441    |
| %RSD   | 1.177945 | 1.489754 | .5364703 | 1.425158 | .3765948 | .9734975 | .4059870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0114431 | .0073629 | 190.4522 | .1533686 | .1925665 | 1.083926 | 159.1058 |
| #2 | .0112149 | .0072069 | 188.7896 | .1559395 | .1936114 | 1.095765 | 157.9142 |
| #3 | .0112106 | .0074172 | 190.6420 | .1515841 | .1939677 | 1.105200 | 158.9339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.898464 | 39.02711 | .3121130 | -.011513 | 1.705502 | .2774670 | 4.298006 |
| Stddev | .033955  | .11361   | .0004683 | .001008  | .027653  | .0040814 | .010459  |
| %RSD   | .5756548 | .2910946 | .1500508 | 8.752934 | 1.621375 | 1.470954 | .2433415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.931928 | 38.97182 | .3116423 | -.011350 | 1.733403 | .2798269 | 4.298398 |
| #2 | 5.864039 | 39.15778 | .3121179 | -.012593 | 1.705000 | .2727542 | 4.308263 |
| #3 | 5.899423 | 38.95174 | .3125789 | -.010597 | 1.678104 | .2798198 | 4.287356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.52994 | 8.217419 | -.275074 | .0260986 | 3.991534 | 12.25693 | .0565741 |
| Stddev | .14847   | .014025  | .000913  | .0003203 | .011746  | .07291   | .0011227 |
| %RSD   | 1.184932 | .1706726 | .3317502 | 1.227063 | .2942852 | .5948487 | 1.984538 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.48280 | 8.206861 | -.274514 | .0257802 | 3.993311 | 12.33934 | .0555550 |
| #2 | 12.41077 | 8.212064 | -.276127 | .0264207 | 3.979000 | 12.23067 | .0577776 |
| #3 | 12.69627 | 8.233333 | -.274581 | .0260948 | 4.002291 | 12.20079 | .0563897 |



Sample Name: P5054-03A      Acquired: 01/03/2025 18:14:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKR2A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8703629 | .3557669 | .2409880 |
| Stddev | .0091030 | .0007112 | .0035113 |
| %RSD   | 1.045890 | .1999088 | 1.457058 |
| #1     | .8785703 | .3554292 | .2385457 |
| #2     | .8719464 | .3552875 | .2394064 |
| #3     | .8605720 | .3565841 | .2450120 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2074.910 | 21016.47 | 2081.771 | 1548.572 | 1869.213 |
| Stddev    | 5.890    | 81.02    | 9.264    | 3.141    | 6.651    |
| %RSD      | .2838842 | .3855220 | .4449878 | .2028298 | .3558011 |
| #1        | 2081.683 | 20968.22 | 2071.139 | 1552.183 | 1874.968 |
| #2        | 2072.064 | 20971.18 | 2086.070 | 1546.478 | 1870.738 |
| #3        | 2070.983 | 21110.01 | 2088.104 | 1547.053 | 1861.932 |

Sample Name: P5055-10A      Acquired: 01/03/2025 18:18:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT3A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1347506 | .0303735 | 1.006278 | .1375116 | .0332860 | 71.47112 |
| Stddev | .0017374 | .0033862 | .001930  | .0058449 | .0013517 | .50979   |
| %RSD   | 1.289325 | 11.14859 | .1918321 | 4.250497 | 4.060913 | .7132759 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1342152 | .0342500 | 1.005944 | .1390746 | .0321009 | 71.34398 |
| #2 | .1366926 | .0279928 | 1.004536 | .1310441 | .0329989 | 71.03693 |
| #3 | .1333439 | .0288777 | 1.008353 | .1424162 | .0347582 | 72.03244 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.380791 | .0067681 | .0059307 | 124.1102 | .1150776 | .1087028 |
| Stddev | .006372  | .0001835 | .0001855 | .8456    | .0005384 | .0009001 |
| %RSD   | .4615097 | 2.711121 | 3.126935 | .6812917 | .4678522 | .8280254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.386254 | .0069548 | .0061444 | 124.1903 | .1144559 | .1096922 |
| #2 | 1.373790 | .0067617 | .0058363 | 123.2275 | .1153867 | .1079324 |
| #3 | 1.382329 | .0065880 | .0058116 | 124.9129 | .1153901 | .1084840 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1968026 | 162.6816 | 9.988946 | 46.34640 | .1500387 | -.009810 |
| Stddev | .0029033 | 1.0843   | .059306  | .50321   | .0001465 | .000563  |
| %RSD   | 1.475257 | .6665406 | .5937166 | 1.085752 | .0976313 | 5.742167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2000520 | 162.6144 | 10.00702 | 46.27458 | .1501591 | -.009810 |
| #2 | .1958923 | 161.6324 | 9.92271  | 45.88296 | .1498756 | -.010373 |
| #3 | .1944635 | 163.7979 | 10.03711 | 46.88166 | .1500813 | -.009246 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7366034 | .1800392 | 2.243810 | 9.548111 | F 12.32884 | -.320270 |
| Stddev | .0185376 | .0093428 | .008912  | .032636  | .01054     | .000673  |
| %RSD   | 2.516627 | 5.189318 | .3971984 | .3418009 | .0854935   | .2100852 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7576589 | .1885497 | 2.245655 | 9.582383 | 12.32413 | -.320981 |
| #2 | .7294132 | .1700423 | 2.251656 | 9.544546 | 12.32147 | -.320188 |
| #3 | .7227380 | .1815256 | 2.234120 | 9.517404 | 12.34091 | -.319642 |

Sample Name: P5055-10A      Acquired: 01/03/2025 18:18:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT3A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099867 | 2.739370 | 13.39699 | .0463066 | .9184622 | .1374144 |
| Stddev | .0005625 | .008297  | .11438   | .0009102 | .0089663 | .0010046 |
| %RSD   | 5.632573 | .3028762 | .8537398 | 1.965568 | .9762345 | .7310588 |
| #1     | .0105944 | 2.745320 | 13.46261 | .0466109 | .9106459 | .1381061 |
| #2     | .0094843 | 2.729892 | 13.26492 | .0452833 | .9164904 | .1362621 |
| #3     | .0098813 | 2.742897 | 13.46343 | .0470257 | .9282504 | .1378749 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1070597 |
| Stddev | .0037053 |
| %RSD   | 3.460933 |
| #1     | .1028742 |
| #2     | .1083840 |
| #3     | .1099208 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2166.905 | 22067.41 | 2155.835 | 1619.721 | 1886.786 |
| Stddev    | 6.269    | 91.46    | 24.496   | 2.551    | 8.630    |
| %RSD      | .2892861 | .4144506 | 1.136263 | .1574724 | .4574092 |
| #1        | 2159.668 | 22006.73 | 2140.803 | 1616.898 | 1877.207 |
| #2        | 2170.384 | 22172.61 | 2184.102 | 1621.859 | 1889.194 |
| #3        | 2170.662 | 22022.90 | 2142.602 | 1620.405 | 1893.956 |

Sample Name: P5057-07A      Acquired: 01/03/2025 18:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL09A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2676900 | .0086468 | 2.421584 | .2210818 | .0417537 | 93.74932 |
| Stddev | .0009782 | .0036743 | .004446  | .0021387 | .0032489 | .64422   |
| %RSD   | .3654073 | 42.49325 | .1835982 | .9673933 | 7.781086 | .6871696 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2669364 | .0044165 | 2.425766 | .2216949 | .0381212 | 93.67936 |
| #2 | .2687954 | .0110424 | 2.422073 | .2228470 | .0427583 | 93.14294 |
| #3 | .2673383 | .0104816 | 2.416914 | .2187035 | .0443816 | 94.42566 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.488594 | .0082974 | .0084005 | 29.50822 | .1761252 | .1083480 |
| Stddev | .005181  | .0001869 | .0000645 | .02611   | .0013929 | .0006829 |
| %RSD   | .3480623 | 2.253049 | .7673224 | .0884923 | .7908470 | .6302508 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.482643 | .0081449 | .0084477 | 29.53735 | .1769409 | .1091334 |
| #2 | 1.491030 | .0082413 | .0083271 | 29.48692 | .1745169 | .1080148 |
| #3 | 1.492108 | .0085060 | .0084268 | 29.50040 | .1769177 | .1078956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4816541 | 191.2981 | 7.842377 | 19.11161 | .1719383 | -.010821 |
| Stddev | .0038425 | 1.1166   | .046176  | .15879   | .0004807 | .001333  |
| %RSD   | .7977808 | .5837169 | .5887994 | .8308332 | .2795913 | 12.31593 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4811442 | 190.7923 | 7.832593 | 18.94712 | .1721095 | -.010853 |
| #2 | .4857262 | 190.5239 | 7.801877 | 19.12372 | .1723100 | -.012138 |
| #3 | .4780920 | 192.5782 | 7.892661 | 19.26400 | .1713954 | -.009473 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5304474 | .2206738 | 4.332801 | 8.212160 | F 12.21451 | -.407365 |
| Stddev | .0232185 | .0070866 | .030561  | .054322  | .02972     | .001182  |
| %RSD   | 4.377156 | 3.211338 | .7053501 | .6614833 | .2432809   | .2902152 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5557132 | .2196536 | 4.329257 | 8.235828 | 12.22664 | -.407034 |
| #2 | .5100474 | .2282152 | 4.304167 | 8.250633 | 12.23624 | -.406384 |
| #3 | .5255815 | .2141526 | 4.364981 | 8.150020 | 12.18065 | -.408678 |

Sample Name: P5057-07A      Acquired: 01/03/2025 18:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL09A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0103485 | 1.475567 | 15.30265 | .1468286 | .8083392 | -.061959 |
| Stddev | .0006398 | .006509  | .07246   | .0004506 | .0093341 | .000025  |
| %RSD   | 6.182017 | .4410880 | .4734901 | .3068747 | 1.154720 | .0397406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0106267 | 1.482629 | 15.30035 | .1472266 | .8093729 | -.061931 |
| #2 | .0108021 | 1.469810 | 15.23136 | .1469198 | .7985313 | -.061970 |
| #3 | .0096168 | 1.474262 | 15.37622 | .1463394 | .8171134 | -.061977 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0898059 |
| Stddev | .0011327 |
| %RSD   | 1.261283 |

|    |          |
|----|----------|
| #1 | .0897678 |
| #2 | .0886926 |
| #3 | .0909571 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2163.162 | 21909.55 | 2131.840 | 1627.322 | 1999.753 |
| Stddev    | 1.970    | 54.10    | 9.831    | 11.362   | 4.718    |
| %RSD      | .0910692 | .2469079 | .4611550 | .6982228 | .2359418 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2160.889 | 21929.91 | 2135.971 | 1634.460 | 1994.457 |
| #2 | 2164.363 | 21950.50 | 2138.932 | 1633.287 | 2003.507 |
| #3 | 2164.236 | 21848.22 | 2120.618 | 1614.219 | 2001.296 |

Sample Name: P5058-03A      Acquired: 01/03/2025 18:26:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0558406 | .0529357 | .1941714 | .0227640 | .0203571 | 40.35612 | .3526558 |
| Stddev | .0025820 | .0017622 | .0051255 | .0090991 | .0003390 | .05011   | .0022058 |
| %RSD   | 4.623953 | 3.328858 | 2.639680 | 39.97156 | 1.665356 | .1241763 | .6254745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0528667 | .0510412 | .1964368 | .0331566 | .0207091 | 40.34526 | .3505741 |
| #2 | .0571433 | .0545258 | .1977739 | .0162299 | .0203295 | 40.41078 | .3524258 |
| #3 | .0575117 | .0532401 | .1883036 | .0189055 | .0200328 | 40.31234 | .3549676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036416 | .0028948 | 758.7136 | .0609540 | .1101739 | .2751299 | 126.8830 |
| Stddev | .0000263 | .0001082 | 2.1484   | .0011967 | .0009122 | .0039790 | .5151    |
| %RSD   | .7226723 | 3.738642 | .2831671 | 1.963300 | .8279791 | 1.446206 | .4059386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036647 | .0029859 | 758.4969 | .0617811 | .1097424 | .2727138 | 126.6222 |
| #2 | .0036129 | .0027752 | 760.9622 | .0595817 | .1095574 | .2797223 | 127.4763 |
| #3 | .0036470 | .0029235 | 756.6818 | .0614990 | .1112218 | .2729537 | 126.5505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.457630 | 214.3894 | .1162354 | -.008440 | 1.215312 | .0935076 | .5287077 |
| Stddev | .054765  | 1.2519   | .0008195 | .000648  | .008917  | .0121607 | .0016440 |
| %RSD   | .5790526 | .5839202 | .7050254 | 7.675706 | .7336975 | 13.00508 | .3109470 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.457801 | 213.8171 | .1152914 | -.008650 | 1.217141 | .1075131 | .5271130 |
| #2 | 9.512309 | 215.8251 | .1167641 | -.008956 | 1.205622 | .0856281 | .5286132 |
| #3 | 9.402780 | 213.5260 | .1166507 | -.007713 | 1.223172 | .0873817 | .5303969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.094332 | 4.572697 | -.237145 | .0054699 | .9561302 | 11.01352 | .0150057 |
| Stddev | .090500  | .014576  | .001357  | .0010389 | .0030413 | .02868   | .0027137 |
| %RSD   | 1.776476 | .3187539 | .5722253 | 18.99258 | .3180849 | .2604264 | 18.08428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.015231 | 4.589060 | -.235580 | .0043333 | .9526564 | 10.98432 | .0152876 |
| #2 | 5.193022 | 4.561103 | -.237992 | .0057059 | .9574209 | 11.04165 | .0121621 |
| #3 | 5.074744 | 4.567928 | -.237863 | .0063704 | .9583133 | 11.01459 | .0175674 |

Sample Name: P5058-03A      Acquired: 01/03/2025 18:26:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8009106 | .6879200 | .0835866 |
| Stddev | .0035008 | .0007088 | .0023520 |
| %RSD   | .4371016 | .1030379 | 2.813831 |
| #1     | .7982746 | .6879984 | .0840086 |
| #2     | .8048827 | .6885863 | .0810522 |
| #3     | .7995745 | .6871752 | .0856990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1948.562 | 19916.07 | 1996.868 | 1448.021 | 1691.031 |
| Stddev    | 6.280    | 94.07    | 6.220    | 8.886    | 6.396    |
| %RSD      | .3223077 | .4723559 | .3114856 | .6136350 | .3782362 |
| #1        | 1941.348 | 19828.52 | 1991.712 | 1438.148 | 1683.686 |
| #2        | 1952.806 | 19904.15 | 1995.116 | 1450.540 | 1695.372 |
| #3        | 1951.533 | 20015.53 | 2003.776 | 1455.375 | 1694.036 |

Sample Name: P5060-01A      Acquired: 01/03/2025 18:30:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKR8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1365967 | .0329315 | 2.005718 | .1407345 | .0344281 | 74.57120 |
| Stddev | .0071820 | .0037008 | .002320  | .0067601 | .0015910 | .13482   |
| %RSD   | 5.257848 | 11.23783 | .1156792 | 4.803446 | 4.621279 | .1807966 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1375120 | .0350195 | 2.008002 | .1400239 | .0327983 | 74.67557 |
| #2 | .1432773 | .0286585 | 2.003363 | .1478218 | .0359772 | 74.41898 |
| #3 | .1290010 | .0351163 | 2.005787 | .1343577 | .0345087 | 74.61906 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.663682 | .0079780 | .0089288 | 148.6051 | .1463015 | .1129507 |
| Stddev | .001214  | .0001456 | .0001361 | .2240    | .0006806 | .0002429 |
| %RSD   | .0729565 | 1.825562 | 1.524369 | .1507086 | .4652162 | .2150481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.662894 | .0078266 | .0090839 | 148.7862 | .1470751 | .1130307 |
| #2 | 1.665080 | .0081171 | .0088293 | 148.6744 | .1460345 | .1126779 |
| #3 | 1.663072 | .0079904 | .0088733 | 148.3547 | .1457949 | .1131435 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3731486 | 159.3898 | 8.116606 | 36.46874 | .2357177 | -.009459 |
| Stddev | .0081397 | .1588    | .012184  | .09370   | .0003793 | .001139  |
| %RSD   | 2.181345 | .0996086 | .1501156 | .2569287 | .1609357 | 12.03782 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3700525 | 159.5529 | 8.121463 | 36.36155 | .2354055 | -.010718 |
| #2 | .3670114 | 159.3807 | 8.102743 | 36.50961 | .2361399 | -.008502 |
| #3 | .3823820 | 159.2357 | 8.125614 | 36.53506 | .2356077 | -.009157 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7684125 | .1965375 | 5.014765 | 8.867838 | F 15.90228 | -.302406 |
| Stddev | .0057402 | .0075744 | .014263  | .230857  | .02919     | .004434  |
| %RSD   | .7470238 | 3.853917 | .2844245 | 2.603309 | .1835626   | 1.466128 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7656750 | .1973076 | 5.006616 | 9.092376 | 15.92556 | -.305060 |
| #2 | .7750090 | .1886075 | 5.006444 | 8.879997 | 15.86953 | -.304869 |
| #3 | .7645534 | .2036974 | 5.031234 | 8.631142 | 15.91175 | -.297287 |



Sample Name: P5060-01A      Acquired: 01/03/2025 18:30:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKR8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131389 | 4.340601 | 14.72138 | .0920475 | .8184801 | .2018342 |
| Stddev | .0008639 | .005891  | .06508   | .0008472 | .0080306 | .0010498 |
| %RSD   | 6.575326 | .1357094 | .4421091 | .9203835 | .9811557 | .5201147 |
| #1     | .0141295 | 4.343282 | 14.78490 | .0918105 | .8218982 | .2024055 |
| #2     | .0127451 | 4.333846 | 14.72441 | .0913441 | .8093060 | .2006227 |
| #3     | .0125420 | 4.344674 | 14.65483 | .0929880 | .8242361 | .2024744 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1242403 |
| Stddev | .0006500 |
| %RSD   | .5231476 |
| #1     | .1234927 |
| #2     | .1245572 |
| #3     | .1246711 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2185.326 | 22323.37 | 2195.461 | 1644.984 | 1955.870 |
| Stddev    | 5.412    | 31.17    | 7.275    | 6.681    | 6.799    |
| %RSD      | .2476518 | .1396331 | .3313794 | .4061656 | .3476174 |
| #1        | 2191.575 | 22356.70 | 2191.568 | 1652.623 | 1963.352 |
| #2        | 2182.203 | 22318.47 | 2190.960 | 1642.099 | 1954.187 |
| #3        | 2182.199 | 22294.94 | 2203.854 | 1640.229 | 1950.070 |

Sample Name: P5062-06A      Acquired: 01/03/2025 18:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL02A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1275949 | .0132576 | .5589661 | .0874636 | .0356921 | 72.20383 | .6557968 |
| Stddev | .0024034 | .0019814 | .0027995 | .0027085 | .0057972 | .43728   | .0034674 |
| %RSD   | 1.883583 | 14.94529 | .5008310 | 3.096762 | 16.24215 | .6056198 | .5287346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1288861 | .0119420 | .5621162 | .0896057 | .0317071 | 72.65484 | .6596714 |
| #2 | .1248220 | .0122943 | .5580193 | .0844191 | .0423426 | 71.78171 | .6529856 |
| #3 | .1290767 | .0155364 | .5567629 | .0883660 | .0330266 | 72.17495 | .6547335 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071140 | .0042588 | 30.06795 | .1095216 | .0898053 | .1843297 | 159.4235 |
| Stddev | .0001890 | .0000516 | .13963   | .0011860 | .0007668 | .0060091 | .8732    |
| %RSD   | 2.656750 | 1.212335 | .4643812 | 1.082891 | .8538272 | 3.259979 | .5477407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073270 | .0043179 | 30.20827 | .1107712 | .0890159 | .1791385 | 160.2231 |
| #2 | .0069666 | .0042225 | 29.92902 | .1093821 | .0898526 | .1909125 | 158.4917 |
| #3 | .0070483 | .0042360 | 30.06657 | .1084116 | .0905473 | .1829381 | 159.5557 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.619963 | 18.48105 | .1569024 | -.009211 | .3913002 | .1959906 | .5410235 |
| Stddev | .039636  | .09679   | .0001192 | .000930  | .0044484 | .0095952 | .0005904 |
| %RSD   | .5987337 | .5237158 | .0759694 | 10.09611 | 1.136812 | 4.895758 | .1091302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.652941 | 18.58525 | .1567656 | -.010161 | .3941512 | .2058945 | .5417038 |
| #2 | 6.575991 | 18.39395 | .1569582 | -.009168 | .3861744 | .1953401 | .5407217 |
| #3 | 6.630959 | 18.46395 | .1569835 | -.008303 | .3935748 | .1867371 | .5406449 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.290717 | 4.090448 | -.332955 | .0071653 | 2.447784 | 12.87330 | .0309828 |
| Stddev | .220928  | .009201  | .002082  | .0003799 | .007862  | .11645   | .0013641 |
| %RSD   | 4.175771 | .2249364 | .6254361 | 5.301898 | .3211716 | .9045529 | 4.402729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.076808 | 4.085527 | -.334091 | .0072140 | 2.446743 | 13.00137 | .0319326 |
| #2 | 5.277291 | 4.084754 | -.330551 | .0075185 | 2.440495 | 12.84475 | .0315960 |
| #3 | 5.518052 | 4.101063 | -.334222 | .0067634 | 2.456114 | 12.77378 | .0294197 |

Sample Name: P5062-06A      Acquired: 01/03/2025 18:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL02A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.011778 | -.069834 | .0717410 |
| Stddev | .004159  | .001153  | .0019869 |
| %RSD   | .4110564 | 1.651229 | 2.769528 |
| #1     | 1.016540 | -.070751 | .0738162 |
| #2     | 1.008856 | -.068539 | .0715508 |
| #3     | 1.009939 | -.070211 | .0698561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2141.349 | 21844.63 | 2122.701 | 1612.526 | 1953.002 |
| Stddev    | 1.324    | 40.63    | 13.318   | 1.988    | 3.310    |
| %RSD      | .0618447 | .1859766 | .6273929 | .1232786 | .1694682 |
| #1        | 2141.476 | 21879.77 | 2107.732 | 1614.627 | 1953.096 |
| #2        | 2142.605 | 21853.98 | 2127.131 | 1610.675 | 1956.264 |
| #3        | 2139.965 | 21800.15 | 2133.238 | 1612.275 | 1949.647 |

Sample Name: P5064-18A      Acquired: 01/03/2025 18:37:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLB8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1045663 | .0116253 | .2148865 | .2248196 | .0407899 | 71.48905 | 1.948837 |
| Stddev | .0026732 | .0042459 | .0006546 | .0070529 | .0033528 | .06710   | .002427  |
| %RSD   | 2.556425 | 36.52263 | .3046168 | 3.137121 | 8.219720 | .0938611 | .1245452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1052209 | .0096922 | .2153828 | .2219103 | .0434420 | 71.55486 | 1.948860 |
| #2 | .1016266 | .0086900 | .2151321 | .2196868 | .0419064 | 71.49155 | 1.951253 |
| #3 | .1068513 | .0164938 | .2141446 | .2328617 | .0370213 | 71.42073 | 1.946399 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057756 | .0048312 | 36.11597 | .1118362 | .1273105 | .1018188 | 197.6928 |
| Stddev | .0001088 | .0000949 | .08714   | .0006704 | .0004252 | .0056679 | .2781    |
| %RSD   | 1.884409 | 1.963417 | .2412809 | .5994489 | .3340051 | 5.566601 | .1406893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056575 | .0047262 | 36.16581 | .1121907 | .1268348 | .1068696 | 197.9952 |
| #2 | .0057974 | .0049107 | 36.16676 | .1122550 | .1274433 | .0956890 | 197.6353 |
| #3 | .0058719 | .0048569 | 36.01535 | .1110630 | .1276535 | .1028979 | 197.4479 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.63150 | 26.71567 | .1773798 | -.010189 | .9820761 | .1937796 | .4657971 |
| Stddev | .02827   | .06020   | .0010025 | .000670  | .0200295 | .0100843 | .0030136 |
| %RSD   | .1517157 | .2253276 | .5651437 | 6.578868 | 2.039506 | 5.204011 | .6469691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.66412 | 26.74416 | .1774040 | -.010252 | .9617501 | .1840558 | .4633777 |
| #2 | 18.61629 | 26.64652 | .1763655 | -.010826 | 1.001795 | .1930936 | .4648408 |
| #3 | 18.61410 | 26.75635 | .1783700 | -.009490 | .982683  | .2041894 | .4691728 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.399720 | 6.165026 | -.425299 | .0075624 | .5698250 | 14.18957 | .0066564 |
| Stddev | .063719  | .018218  | .004508  | .0002789 | .0039307 | .09723   | .0014931 |
| %RSD   | .9956578 | .2955102 | 1.060034 | 3.687637 | .6898148 | .6851951 | 22.43099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.417387 | 6.145134 | -.421105 | .0073218 | .5664087 | 14.13616 | .0082564 |
| #2 | 6.452742 | 6.180900 | -.430067 | .0074973 | .5741211 | 14.13075 | .0053001 |
| #3 | 6.329032 | 6.169044 | -.424726 | .0078680 | .5689452 | 14.30179 | .0064128 |

Sample Name: P5064-18A      Acquired: 01/03/2025 18:37:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLB8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9460944 | -.061694 | .1279289 |
| Stddev | .0071940 | .000517  | .0011871 |
| %RSD   | .7603899 | .8379113 | .9279315 |
| #1     | .9461434 | -.062283 | .1268555 |
| #2     | .9532637 | -.061317 | .1292038 |
| #3     | .9388760 | -.061482 | .1277273 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2141.147 | 21832.47 | 2131.366 | 1612.323 | 1980.940 |
| Stddev    | 2.519    | 32.15    | 15.487   | 9.159    | 3.164    |
| %RSD      | .1176308 | .1472725 | .7266084 | .5680886 | .1597368 |
| #1        | 2143.901 | 21868.65 | 2144.161 | 1621.126 | 1984.572 |
| #2        | 2140.579 | 21807.17 | 2135.789 | 1612.998 | 1979.473 |
| #3        | 2138.961 | 21821.58 | 2114.150 | 1602.844 | 1978.776 |

Sample Name: P5071-01A      Acquired: 01/03/2025 18:41:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHGX5A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0674158 | .0431048 | .3946338 | .0893787 | .0226643 | 56.34634 |
| Stddev | .0062006 | .0027675 | .0029344 | .0022513 | .0029706 | .22364   |
| %RSD   | 9.197610 | 6.420450 | .7435711 | 2.518785 | 13.10676 | .3969031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0627676 | .0418606 | .3940063 | .0914931 | .0243231 | 56.46532 |
| #2 | .0650236 | .0411777 | .3920638 | .0870119 | .0192348 | 56.48535 |
| #3 | .0744562 | .0462760 | .3978311 | .0896310 | .0244349 | 56.08836 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7098668 | .0051304 | .0031991 | 237.9530 | .0950761 | .0798798 |
| Stddev | .0014529 | .0001656 | .0001220 | 1.4307   | .0007592 | .0006013 |
| %RSD   | .2046770 | 3.228217 | 3.812169 | .6012736 | .7984922 | .7527146 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7109593 | .0049763 | .0030605 | 238.9877 | .0959211 | .0794091 |
| #2 | .7104232 | .0053055 | .0032471 | 238.5511 | .0944515 | .0796733 |
| #3 | .7082179 | .0051093 | .0032898 | 236.3203 | .0948558 | .0805571 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2252441 | 117.2304 | 2.800479 | 94.42742 | .0961866 | -.007495 |
| Stddev | .0027511 | .5627    | .011781  | .29342   | .0013787 | .001187  |
| %RSD   | 1.221386 | .4799526 | .4206647 | .3107390 | 1.433336 | 15.83849 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2252376 | 117.4133 | 2.798218 | 94.64724 | .0976343 | -.008202 |
| #2 | .2279984 | 117.6788 | 2.813227 | 94.54080 | .0948893 | -.008158 |
| #3 | .2224962 | 116.5990 | 2.789993 | 94.09423 | .0960360 | -.006125 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7910462 | .1375836 | 1.395450 | 5.780830 | F 12.62099 | -.232702 |
| Stddev | .0110885 | .0065768 | .002694  | .086398  | .01684     | .002797  |
| %RSD   | 1.401753 | 4.780242 | .1930829 | 1.494558 | .1334112   | 1.201962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8006082 | .1417093 | 1.396052 | 5.689123 | 12.60404 | -.232773 |
| #2 | .7936396 | .1299991 | 1.392506 | 5.860698 | 12.63772 | -.235463 |
| #3 | .7788908 | .1410424 | 1.397793 | 5.792668 | 12.62120 | -.229871 |

Sample Name: P5071-01A      Acquired: 01/03/2025 18:41:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX5A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069192 | 1.771929 | 11.32331 | .0210057 | .9324837 | .1419732 |
| Stddev | .0008954 | .001527  | .05690   | .0014977 | .0038391 | .0003782 |
| %RSD   | 12.94009 | .0861976 | .5024839 | 7.130053 | .4117127 | .2663570 |
| #1     | .0067222 | 1.772093 | 11.33825 | .0222774 | .9315866 | .1423987 |
| #2     | .0061387 | 1.770326 | 11.37124 | .0213849 | .9291725 | .1416756 |
| #3     | .0078966 | 1.773368 | 11.26043 | .0193549 | .9366919 | .1418453 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1066760 |
| Stddev | .0025920 |
| %RSD   | 2.429807 |
| #1     | .1040820 |
| #2     | .1066800 |
| #3     | .1092660 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2167.315 | 22287.11 | 2184.775 | 1620.843 | 1868.950 |
| Stddev    | 4.662    | 118.73   | 11.187   | 5.271    | 2.567    |
| %RSD      | .2150952 | .5327136 | .5120456 | .3251950 | .1373630 |
| #1        | 2166.694 | 22168.65 | 2176.293 | 1617.505 | 1869.206 |
| #2        | 2172.255 | 22286.60 | 2180.579 | 1626.920 | 1871.380 |
| #3        | 2162.994 | 22406.10 | 2197.454 | 1618.105 | 1866.265 |

Sample Name: P5079-10A      Acquired: 01/03/2025 18:45:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLF8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0936532 | .0244486 | .2947225 | .1282310 | .0357691 | 70.68400 |
| Stddev | .0060370 | .0052727 | .0037389 | .0035007 | .0034264 | .07457   |
| %RSD   | 6.446149 | 21.56668 | 1.268629 | 2.729963 | 9.579125 | .1054933 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0993189 | .0195953 | .2913348 | .1260321 | .0347472 | 70.75404 |
| #2 | .0873032 | .0236915 | .2987342 | .1322679 | .0395901 | 70.60561 |
| #3 | .0943373 | .0300590 | .2940984 | .1263931 | .0329699 | 70.69236 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.090600 | .0058995 | .0047341 | 67.42659 | .1160083 | .1012561 |
| Stddev | .004067  | .0001581 | .0000841 | .12147   | .0010755 | .0006111 |
| %RSD   | .3728703 | 2.679532 | 1.775692 | .1801571 | .9270537 | .6035010 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.093217 | .0060009 | .0046966 | 67.42292 | .1172084 | .1008779 |
| #2 | 1.085915 | .0059802 | .0046753 | 67.30699 | .1151319 | .1019611 |
| #3 | 1.092667 | .0057173 | .0048304 | 67.54985 | .1156845 | .1009293 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6158446 | 171.7084 | 11.90326 | 28.95253 | .1671677 | -.012088 |
| Stddev | .0014282 | .1986    | .03254   | .09606   | .0010067 | .000316  |
| %RSD   | .2319145 | .1156853 | .2734124 | .3317738 | .6022185 | 2.610558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6169208 | 171.9268 | 11.88942 | 29.04340 | .1663357 | -.011891 |
| #2 | .6163887 | 171.6597 | 11.87992 | 28.85201 | .1668808 | -.012452 |
| #3 | .6142243 | 171.5386 | 11.94043 | 28.96216 | .1682868 | -.011920 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5979054 | .1614578 | 1.540732 | 7.910802 | F 12.86687 | -.331441 |
| Stddev | .0087129 | .0087684 | .009033  | .084583  | .00480     | .003305  |
| %RSD   | 1.457240 | 5.430760 | .5862874 | 1.069212 | .0373303   | .9973063 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5934132 | .1703853 | 1.531757 | 7.954729 | 12.86197 | -.335146 |
| #2 | .5923552 | .1611303 | 1.549822 | 7.964384 | 12.86706 | -.330382 |
| #3 | .6079476 | .1528577 | 1.540616 | 7.813293 | 12.87157 | -.328795 |



Sample Name: P5079-10A      Acquired: 01/03/2025 18:45:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLF8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080433 | 1.561578 | 10.80364 | .0177687 | .7725521 | -.012378 |
| Stddev | .0008844 | .005249  | .08678   | .0013132 | .0005420 | .000319  |
| %RSD   | 10.99493 | .3361656 | .8032761 | 7.390594 | .0701517 | 2.574096 |
| #1     | .0090206 | 1.566453 | 10.90157 | .0162573 | .7731082 | -.012078 |
| #2     | .0072983 | 1.562260 | 10.77308 | .0186307 | .7720255 | -.012712 |
| #3     | .0078109 | 1.556021 | 10.73627 | .0184180 | .7725227 | -.012344 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1054532 |
| Stddev | .0049473 |
| %RSD   | 4.691428 |
| #1     | .1007939 |
| #2     | .1049204 |
| #3     | .1106453 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2303.133 | 23653.20 | 2315.627 | 1732.998 | 1936.335 |
| Stddev    | 3.411    | 29.62    | 18.031   | 9.451    | 1.835    |
| %RSD      | .1481050 | .1252423 | .7786743 | .5453644 | .0947613 |
| #1        | 2301.921 | 23687.18 | 2295.396 | 1742.097 | 1934.367 |
| #2        | 2306.984 | 23632.75 | 2321.482 | 1723.230 | 1937.999 |
| #3        | 2300.493 | 23639.68 | 2330.003 | 1733.666 | 1936.639 |

Sample Name: P5080-10A      Acquired: 01/03/2025 18:49:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLE8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6055313 | .0184892 | 4.572661 | .2108755 | .0441629 | 78.00541 |
| Stddev | .0035671 | .0007401 | .007686  | .0052022 | .0040155 | .38449   |
| %RSD   | .5890911 | 4.002747 | .1680767 | 2.466955 | 9.092371 | .4928999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6050349 | .0192634 | 4.566575 | .2060727 | .0398956 | 77.72606 |
| #2 | .6022384 | .0184155 | 4.570110 | .2101524 | .0447260 | 77.84624 |
| #3 | .6093206 | .0177888 | 4.581298 | .2164015 | .0478671 | 78.44392 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.054784 | .0072336 | .0114716 | 89.02845 | .3549410 | .1109825 |
| Stddev | .009995  | .0001097 | .0002366 | .28422   | .0003759 | .0002764 |
| %RSD   | .3271913 | 1.516857 | 2.062818 | .3192413 | .1058956 | .2490189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.046605 | .0073519 | .0116283 | 88.72406 | .3548051 | .1112491 |
| #2 | 3.065925 | .0071351 | .0115870 | 89.07439 | .3546520 | .1106973 |
| #3 | 3.051821 | .0072139 | .0111994 | 89.28690 | .3553659 | .1110010 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5937783 | 184.0767 | 9.999528 | 30.42500 | .2087261 | -.008826 |
| Stddev | .0086887 | .9723    | .045909  | .07252   | .0015156 | .000458  |
| %RSD   | 1.463288 | .5282175 | .4591162 | .2383410 | .7261035 | 5.193517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5909932 | 183.1991 | 9.949977 | 30.35438 | .2087843 | -.009351 |
| #2 | .6035181 | 183.9091 | 10.00799 | 30.42137 | .2071823 | -.008507 |
| #3 | .5868237 | 185.1220 | 10.04062 | 30.49927 | .2102118 | -.008619 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7359248 | .1939673 | 3.188015 | 11.24076 | F 17.08480 | -.343198 |
| Stddev | .0062928 | .0123424 | .013430  | .11896   | .02754     | .007762  |
| %RSD   | .8550886 | 6.363124 | .4212728 | 1.058321 | .1611969   | 2.261625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7427418 | .2004185 | 3.200733 | 11.19907 | 17.10390 | -.351127 |
| #2 | .7303379 | .1797362 | 3.173971 | 11.14826 | 17.05323 | -.342851 |
| #3 | .7346946 | .2017471 | 3.189342 | 11.37496 | 17.09727 | -.335615 |

Sample Name: P5080-10A      Acquired: 01/03/2025 18:49:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLE8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116874 | 3.715372 | 8.686527 | .2918974 | 1.185040 | .1097657 |
| Stddev | .0006735 | .011647  | .048653  | .0012377 | .007348  | .0007841 |
| %RSD   | 5.763031 | .3134909 | .5601017 | .4240363 | .6200921 | .7143399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0109764 | 3.714588 | 8.709330 | .2926165 | 1.178979 | .1091376 |
| #2 | .0117697 | 3.704136 | 8.719591 | .2926075 | 1.182927 | .1095150 |
| #3 | .0123160 | 3.727391 | 8.630660 | .2904681 | 1.193213 | .1106445 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1342035 |
| Stddev | .0021756 |
| %RSD   | 1.621113 |

|    |          |
|----|----------|
| #1 | .1319919 |
| #2 | .1342773 |
| #3 | .1363412 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2095.721 | 21425.93 | 2085.681 | 1571.634 | 1857.653 |
| Stddev    | 6.130    | 48.65    | 8.556    | 9.793    | 2.973    |
| %RSD      | .2924893 | .2270588 | .4102327 | .6231133 | .1600519 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2088.671 | 21402.71 | 2078.388 | 1567.742 | 1854.248 |
| #2 | 2099.794 | 21481.84 | 2083.555 | 1582.775 | 1859.738 |
| #3 | 2098.698 | 21393.24 | 2095.099 | 1564.386 | 1858.972 |

Sample Name: P5081-05A      Acquired: 01/03/2025 18:53:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1356618 | .0283169 | 1.685781 | .1407651 | .0356229 | 75.43017 |
| Stddev | .0056486 | .0019846 | .007342  | .0055774 | .0022692 | .08793   |
| %RSD   | 4.163763 | 7.008501 | .4354979 | 3.962168 | 6.370041 | .1165655 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1412522 | .0278559 | 1.681979 | .1362799 | .0377216 | 75.39468 |
| #2 | .1357763 | .0266034 | 1.694243 | .1390053 | .0332150 | 75.36553 |
| #3 | .1299567 | .0304914 | 1.681119 | .1470101 | .0359322 | 75.53029 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.439254 | .0177058 | .0087278 | 324.8150 | .3265548 | .1254636 |
| Stddev | .008795  | .0002882 | .0000300 | 1.2966   | .0008211 | .0008948 |
| %RSD   | .6111012 | 1.627704 | .3431709 | .3991840 | .2514420 | .7132174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.435932 | .0174125 | .0087041 | 324.2793 | .3265316 | .1255917 |
| #2 | 1.432604 | .0177164 | .0087614 | 323.8721 | .3257456 | .1262875 |
| #3 | 1.449227 | .0179886 | .0087177 | 326.2937 | .3273873 | .1245116 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7494402 | 173.9417 | 10.10977 | 114.7542 | .2505964 | -.012298 |
| Stddev | .0119505 | .1649    | .01040   | .4478    | .0009534 | .001064  |
| %RSD   | 1.594589 | .0947756 | .1028984 | .3901898 | .3804672 | 8.651519 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7525484 | 173.7956 | 10.09973 | 114.8278 | .2508302 | -.013069 |
| #2 | .7595295 | 173.9091 | 10.10909 | 114.2742 | .2495479 | -.011084 |
| #3 | .7362427 | 174.1205 | 10.12050 | 115.1606 | .2514113 | -.012740 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9366742 | .5027780 | 2.506945 | 9.783585 | F 19.48902 | -.331170 |
| Stddev | .0136654 | .0075054 | .010042  | .195637  | .03641     | .003280  |
| %RSD   | 1.458932 | 1.492785 | .4005701 | 1.999649 | .1868006   | .9905017 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9523297 | .5107706 | 2.497154 | 9.622628 | 19.45515 | -.327956 |
| #2 | .9305564 | .4958800 | 2.517221 | 10.00134 | 19.48440 | -.331041 |
| #3 | .9271366 | .5016835 | 2.506459 | 9.72679  | 19.52752 | -.334513 |

Sample Name: P5081-05A      Acquired: 01/03/2025 18:53:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0142002 | 3.851695 | 10.88725 | .1084053 | .8840628 | .2644530 |
| Stddev | .0009301 | .010793  | .09231   | .0030614 | .0046396 | .0013117 |
| %RSD   | 6.549604 | .2802177 | .8478947 | 2.824037 | .5248038 | .4960148 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0151626 | 3.845793 | 10.81892 | .1053507 | .8823183 | .2643250 |
| #2 | .0141318 | 3.864153 | 10.85058 | .1083917 | .8805484 | .2632100 |
| #3 | .0133062 | 3.845141 | 10.99227 | .1114735 | .8893218 | .2658241 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1452996 |
| Stddev | .0026463 |
| %RSD   | 1.821269 |

|    |          |
|----|----------|
| #1 | .1469556 |
| #2 | .1466956 |
| #3 | .1422476 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2188.647 | 22432.20 | 2205.501 | 1637.155 | 1786.511 |
| Stddev    | 2.115    | 92.32    | 7.989    | 11.386   | 1.583    |
| %RSD      | .0966443 | .4115705 | .3622248 | .6954819 | .0886147 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2190.872 | 22337.36 | 2204.309 | 1630.841 | 1787.826 |
| #2 | 2186.661 | 22437.45 | 2214.019 | 1630.325 | 1784.754 |
| #3 | 2188.409 | 22521.79 | 2198.176 | 1650.299 | 1786.953 |

Sample Name: P5082-06A      Acquired: 01/03/2025 18:56:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLL6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3875869 | .0243280 | 1.607542 | .0789943 | .0342933 | 66.08076 | 1.356367 |
| Stddev | .0030818 | .0042226 | .003939  | .0008535 | .0016474 | .34783   | .010152  |
| %RSD   | .7951323 | 17.35711 | .2450231 | 1.080456 | 4.803926 | .5263731 | .7484540 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3892392 | .0194524 | 1.605748 | .0782492 | .0328802 | 65.68849 | 1.356978 |
| #2 | .3840313 | .0267252 | 1.604820 | .0799255 | .0338969 | 66.35160 | 1.345925 |
| #3 | .3894903 | .0268065 | 1.612059 | .0788083 | .0361027 | 66.20219 | 1.366200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060917 | .0062775 | 72.71188 | .1903615 | .0923574 | .3418033 | 159.0722 |
| Stddev | .0000827 | .0000754 | .13622   | .0013567 | .0001140 | .0092462 | .4640    |
| %RSD   | 1.357425 | 1.200499 | .1873439 | .7126763 | .1233773 | 2.705112 | .2916695 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060406 | .0062405 | 72.76490 | .1900714 | .0923297 | .3443465 | 158.7762 |
| #2 | .0061871 | .0062277 | 72.55713 | .1918397 | .0922599 | .3315517 | 158.8335 |
| #3 | .0060476 | .0063642 | 72.81363 | .1891733 | .0924827 | .3495117 | 159.6069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.18920 | 22.15113 | .1447546 | -.009447 | .6172035 | .1687372 | .9534425 |
| Stddev | .01185   | .14356   | .0009720 | .000842  | .0190623 | .0084586 | .0030776 |
| %RSD   | .1058720 | .6480784 | .6714677 | 8.915004 | 3.088501 | 5.012857 | .3227906 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.18593 | 21.99959 | .1455480 | -.010385 | .5955590 | .1733211 | .9509955 |
| #2 | 11.17934 | 22.16874 | .1436704 | -.008754 | .6314914 | .1589762 | .9568978 |
| #3 | 11.20234 | 22.28507 | .1450455 | -.009204 | .6245600 | .1739145 | .9524343 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.370864 | 9.729567 | -.329669 | .0126366 | 2.052871 | 11.86659 | .0565984 |
| Stddev | .107346  | .015243  | .004399  | .0006427 | .002412  | .12025   | .0007731 |
| %RSD   | 1.998673 | .1566699 | 1.334356 | 5.086421 | .1174828 | 1.013335 | 1.365863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.269881 | 9.726269 | -.326649 | .0132670 | 2.050189 | 11.74236 | .0559224 |
| #2 | 5.483605 | 9.716242 | -.327641 | .0126606 | 2.053563 | 11.87499 | .0574412 |
| #3 | 5.359105 | 9.746189 | -.334716 | .0119822 | 2.054861 | 11.98242 | .0564316 |

Sample Name: P5082-06A      Acquired: 01/03/2025 18:56:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLL6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7535669 | .1457745 | .0869689 |
| Stddev | .0061146 | .0003822 | .0036455 |
| %RSD   | .8114204 | .2621891 | 4.191714 |
| #1     | .7476346 | .1457538 | .0873946 |
| #2     | .7532174 | .1461667 | .0831292 |
| #3     | .7598488 | .1454031 | .0903828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2108.338 | 21503.34 | 2090.913 | 1586.174 | 2001.653 |
| Stddev    | 5.673    | 65.65    | 15.477   | 8.324    | 5.721    |
| %RSD      | .2690587 | .3053128 | .7401824 | .5247589 | .2858383 |
| #1        | 2105.992 | 21444.69 | 2107.437 | 1590.168 | 2003.738 |
| #2        | 2114.807 | 21491.07 | 2088.546 | 1576.607 | 2006.039 |
| #3        | 2104.214 | 21574.26 | 2076.757 | 1591.748 | 1995.181 |

Sample Name: P5087-07A      Acquired: 01/03/2025 19:00:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLY4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1044606 | .0178398 | .4709080 | .2053807 | .0371750 | 79.71665 |
| Stddev | .0040754 | .0079143 | .0015288 | .0039142 | .0023033 | .10296   |
| %RSD   | 3.901393 | 44.36321 | .3246450 | 1.905847 | 6.195845 | .1291574 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1074117 | .0195862 | .4726367 | .2085154 | .0378445 | 79.61112 |
| #2 | .0998105 | .0091982 | .4697340 | .2066332 | .0346111 | 79.72200 |
| #3 | .1061594 | .0247351 | .4703533 | .2009935 | .0390694 | 79.81683 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.588619 | .0177253 | .0042678 | 63.22223 | .1294650 | .1024073 |
| Stddev | .008075  | .0002553 | .0001917 | .26245   | .0009267 | .0010199 |
| %RSD   | .3119304 | 1.440104 | 4.492123 | .4151293 | .7158159 | .9959277 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.579782 | .0178553 | .0040465 | 63.06524 | .1294351 | .1012330 |
| #2 | 2.595613 | .0174312 | .0043789 | 63.52522 | .1304063 | .1030711 |
| #3 | 2.590462 | .0178894 | .0043781 | 63.07623 | .1285535 | .1029179 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.000192 | 171.7981 | 8.996143 | 27.38468 | .1712979 | -.009938 |
| Stddev | .010188  | .2678    | .028543  | .09424   | .0021524 | .000784  |
| %RSD   | 1.018652 | .1558694 | .3172817 | .3441177 | 1.256545 | 7.890606 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .996147  | 171.5569 | 8.964032 | 27.27675 | .1688182 | -.009256 |
| #2 | 1.011781 | 171.7510 | 9.018632 | 27.45061 | .1723924 | -.009762 |
| #3 | .992646  | 172.0863 | 9.005763 | 27.42668 | .1726832 | -.010795 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4772944 | .1728754 | 2.032048 | 6.302361 | F 10.20162 | -.340776 |
| Stddev | .0020913 | .0120757 | .012617  | .081462  | .04209     | .002793  |
| %RSD   | .4381660 | 6.985216 | .6209172 | 1.292570 | .4125722   | .8194987 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4793227 | .1619692 | 2.032256 | 6.330413 | 10.15302 | -.337992 |
| #2 | .4774152 | .1708044 | 2.019328 | 6.210579 | 10.22621 | -.343578 |
| #3 | .4751452 | .1858527 | 2.044560 | 6.366090 | 10.22563 | -.340757 |



Sample Name: P5087-07A      Acquired: 01/03/2025 19:00:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLY4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121582 | 3.803854 | 11.66962 | .0222719 | .7382023 | -.020803 |
| Stddev | .0007031 | .018352  | .08672   | .0017682 | .0037756 | .000507  |
| %RSD   | 5.782944 | .4824523 | .7430945 | 7.938973 | .5114569 | 2.438298 |
| #1     | .0114007 | 3.783287 | 11.62177 | .0220717 | .7348398 | -.020297 |
| #2     | .0122839 | 3.818557 | 11.61738 | .0206123 | .7422867 | -.020801 |
| #3     | .0127899 | 3.809718 | 11.76972 | .0241316 | .7374802 | -.021311 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1338628 |
| Stddev | .0007900 |
| %RSD   | .5901571 |
| #1     | .1338754 |
| #2     | .1330667 |
| #3     | .1346465 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2320.794 | 23679.33 | 2317.926 | 1735.808 | 1936.568 |
| Stddev    | 3.969    | 76.97    | 6.156    | 2.938    | 6.396    |
| %RSD      | .1710404 | .3250635 | .2655774 | .1692507 | .3302562 |
| #1        | 2325.138 | 23643.50 | 2320.908 | 1732.574 | 1943.486 |
| #2        | 2317.356 | 23626.80 | 2322.022 | 1736.538 | 1930.871 |
| #3        | 2319.888 | 23767.68 | 2310.847 | 1738.312 | 1935.347 |

Sample Name: P5092-04A      Acquired: 01/03/2025 19:04:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLP3A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1102534 | .0216678 | 1.434752 | .1910398 | .0346209 | 84.46723 | .9316496 |
| Stddev | .0047979 | .0028436 | .005588  | .0060082 | .0015576 | .38553   | .0063779 |
| %RSD   | 4.351697 | 13.12358 | .3894815 | 3.144991 | 4.499011 | .4564224 | .6845762 |
| #1     | .1157826 | .0220791 | 1.436751 | .1846791 | .0348854 | 84.02978 | .9244508 |
| #2     | .1077894 | .0186409 | 1.428440 | .1966189 | .0329480 | 84.75742 | .9365943 |
| #3     | .1071881 | .0242833 | 1.439067 | .1918214 | .0360293 | 84.61449 | .9339037 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071821 | .0054332 | 125.2496 | .1348671 | .1089964 | .1738050 | 174.2336 |
| Stddev | .0000942 | .0000739 | .2196    | .0009490 | .0009982 | .0114218 | .7202    |
| %RSD   | 1.311265 | 1.360981 | .1753065 | .7036442 | .9157826 | 6.571598 | .4133626 |
| #1     | .0072773 | .0054051 | 125.0304 | .1359436 | .1089694 | .1827559 | 173.4130 |
| #2     | .0071801 | .0055170 | 125.2489 | .1341516 | .1100077 | .1777182 | 174.5268 |
| #3     | .0070890 | .0053773 | 125.4696 | .1345062 | .1080119 | .1609410 | 174.7610 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.856279 | 33.69719 | .1315693 | -.011942 | .6634010 | .1989859 | 2.332385 |
| Stddev | .024875  | .21306   | .0007075 | .000893  | .0154679 | .0063359 | .001533  |
| %RSD   | .3628037 | .6322810 | .5377307 | 7.480399 | 2.331606 | 3.184094 | .0657208 |
| #1     | 6.828632 | 33.55191 | .1321189 | -.011022 | .6802391 | .1932069 | 2.333374 |
| #2     | 6.863359 | 33.59788 | .1307710 | -.012806 | .6601408 | .1979900 | 2.333161 |
| #3     | 6.876846 | 33.94177 | .1318179 | -.011997 | .6498230 | .2057607 | 2.330619 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.034503 | 4.927864 | -.364423 | .0087555 | 1.408124 | 11.94028 | .0346488 |
| Stddev | .031641  | .006341  | .002632  | .0004459 | .002672  | .08783   | .0005868 |
| %RSD   | .6284742 | .1286848 | .7221639 | 5.092371 | .1897413 | .7355445 | 1.693531 |
| #1     | 5.050763 | 4.933173 | -.364900 | .0091720 | 1.406034 | 11.84948 | .0341173 |
| #2     | 5.054707 | 4.920842 | -.361586 | .0082851 | 1.407202 | 11.94656 | .0352785 |
| #3     | 4.998038 | 4.929578 | -.366784 | .0088094 | 1.411134 | 12.02480 | .0345507 |

Sample Name: P5092-04A      Acquired: 01/03/2025 19:04:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLP3A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9592156 | .0286845 | .0794901 |
| Stddev | .0030434 | .0005388 | .0034486 |
| %RSD   | .3172771 | 1.878495 | 4.338356 |
| #1     | .9562121 | .0292555 | .0770271 |
| #2     | .9622973 | .0281850 | .0834314 |
| #3     | .9591376 | .0286130 | .0780120 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2137.292 | 21698.07 | 2106.549 | 1596.084 | 1959.952 |
| Stddev    | 5.165    | 100.42   | 8.802    | 5.835    | 3.536    |
| %RSD      | .2416446 | .4628049 | .4178369 | .3655826 | .1804173 |
| #1        | 2135.246 | 21631.78 | 2116.196 | 1589.425 | 1955.905 |
| #2        | 2133.463 | 21648.83 | 2104.494 | 1598.529 | 1961.510 |
| #3        | 2143.166 | 21813.61 | 2098.956 | 1600.299 | 1962.442 |

Sample Name: P5125-05A      Acquired: 01/03/2025 19:08:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM94A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3244857 | .0139587 | 3.863316 | .2588766 | .0614950 | 56.79902 |
| Stddev | .0009060 | .0043659 | .001963  | .0062280 | .0028474 | .17475   |
| %RSD   | .2792228 | 31.27741 | .0508044 | 2.405771 | 4.630329 | .3076702 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3241442 | .0148271 | 3.863112 | .2598470 | .0589738 | 56.97234 |
| #2 | .3255129 | .0092238 | 3.861464 | .2522205 | .0645833 | 56.62287 |
| #3 | .3238000 | .0178251 | 3.865373 | .2645625 | .0609279 | 56.80186 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.716641 | .0083981 | .0087980 | 187.5360 | .1866135 | .1100826 |
| Stddev | .012914  | .0001695 | .0002548 | .8639    | .0015512 | .0005775 |
| %RSD   | .7523064 | 2.018623 | 2.896200 | .4606456 | .8312113 | .5245666 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.703275 | .0082733 | .0087719 | 186.6236 | .1877869 | .1097853 |
| #2 | 1.729051 | .0083298 | .0090648 | 188.3414 | .1848549 | .1097144 |
| #3 | 1.717598 | .0085911 | .0085572 | 187.6431 | .1871987 | .1107482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.742197 | 222.5614 | 5.812003 | 41.11340 | .2217296 | -.014005 |
| Stddev | .013461  | .0689    | .014626  | .10943   | .0013617 | .001062  |
| %RSD   | .7726179 | .0309541 | .2516497 | .2661756 | .6141251 | 7.584895 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.745868 | 222.4876 | 5.828642 | 41.02009 | .2203233 | -.014734 |
| #2 | 1.753441 | 222.5725 | 5.806185 | 41.08624 | .2218237 | -.012786 |
| #3 | 1.727281 | 222.6240 | 5.801181 | 41.23385 | .2230418 | -.014494 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.226045 | .2167055 | 8.113691 | 6.420531 | F 14.75952 | -.414809 |
| Stddev | .021012  | .0130331 | .057859  | .127129  | .01896     | .007891  |
| %RSD   | 1.713769 | 6.014208 | .7131073 | 1.980040 | .1284668   | 1.902341 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.217942 | .2146586 | 8.129888 | 6.423858 | 14.77420 | -.418445 |
| #2 | 1.249901 | .2048169 | 8.049459 | 6.545964 | 14.73811 | -.405755 |
| #3 | 1.210291 | .2306409 | 8.161726 | 6.291771 | 14.76623 | -.420227 |

Sample Name: P5125-05A      Acquired: 01/03/2025 19:08:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM94A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140225 | 5.216396 | 9.030288 | .5434328 | 1.292075 | .2986175 |
| Stddev | .0012515 | .011309  | .106855  | .0027469 | .003947  | .0011129 |
| %RSD   | 8.925023 | .2167884 | 1.183297 | .5054772 | .3055102 | .3726834 |
| #1     | .0154328 | 5.219808 | 9.068895 | .5429798 | 1.287867 | .2988064 |
| #2     | .0135902 | 5.203775 | 8.909495 | .5409406 | 1.295696 | .2974223 |
| #3     | .0130444 | 5.225606 | 9.112474 | .5463781 | 1.292661 | .2996239 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0673833 |
| Stddev | .0034597 |
| %RSD   | 5.134343 |
| #1     | .0666859 |
| #2     | .0643254 |
| #3     | .0711385 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2030.224 | 20723.04 | 2051.749 | 1526.051 | 1941.230 |
| Stddev    | 2.631    | 56.02    | 7.154    | .480     | 1.681    |
| %RSD      | .1295865 | .2703116 | .3486879 | .0314410 | .0866179 |
| #1        | 2027.850 | 20659.13 | 2049.265 | 1525.703 | 1940.083 |
| #2        | 2029.770 | 20763.61 | 2059.815 | 1526.598 | 1943.160 |
| #3        | 2033.052 | 20746.39 | 2046.169 | 1525.852 | 1940.448 |

Sample Name: P5131-05A      Acquired: 01/03/2025 19:12:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6420652 | .0230882 | 4.420671 | .2473499 | .0518236 | 65.84083 |
| Stddev | .0069391 | .0025862 | .007684  | .0057176 | .0034451 | .04115   |
| %RSD   | 1.080752 | 11.20125 | .1738135 | 2.311529 | 6.647825 | .0624963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6492824 | .0231664 | 4.419341 | .2518208 | .0490297 | 65.79841 |
| #2 | .6354424 | .0256343 | 4.413740 | .2493213 | .0556730 | 65.84351 |
| #3 | .6414707 | .0204638 | 4.428933 | .2409074 | .0507681 | 65.88058 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.529288 | .0075383 | .0256891 | 246.5040 | .2353713 | .1468463 |
| Stddev | .008336  | .0001570 | .0000288 | .9170    | .0005339 | .0003987 |
| %RSD   | .3295771 | 2.082460 | .1120048 | .3720104 | .2268244 | .2715345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.536723 | .0077141 | .0256629 | 247.1467 | .2351648 | .1471407 |
| #2 | 2.520276 | .0074887 | .0256844 | 245.4539 | .2359776 | .1470056 |
| #3 | 2.530866 | .0074121 | .0257199 | 246.9115 | .2349716 | .1463925 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.584577 | 229.2962 | 15.39986 | 49.79190 | .3952672 | -.008157 |
| Stddev | .008521  | .2412    | .01027   | .20386   | .0010692 | .000508  |
| %RSD   | .5377327 | .1051727 | .0667126 | .4094162 | .2705048 | 6.232507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.584151 | 229.5600 | 15.40391 | 49.56063 | .3957703 | -.007734 |
| #2 | 1.576277 | 229.2415 | 15.40749 | 49.86952 | .3940393 | -.008721 |
| #3 | 1.593303 | 229.0871 | 15.38818 | 49.94554 | .3959921 | -.008017 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.304035 | .1934484 | 10.39483 | 8.145675 | F 18.47318 | -.466521 |
| Stddev | .020922  | .0104460 | .04251   | .091712  | .02916     | .005361  |
| %RSD   | 1.604426 | 5.399903 | .4089124 | 1.125901 | .1578636   | 1.149095 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.315803 | .1960313 | 10.37950 | 8.224111 | 18.48122 | -.465740 |
| #2 | 1.279879 | .2023606 | 10.44288 | 8.168076 | 18.44084 | -.461593 |
| #3 | 1.316423 | .1819532 | 10.36213 | 8.044837 | 18.49748 | -.472229 |

Sample Name: P5131-05A      Acquired: 01/03/2025 19:12:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0237140 | 3.827072 | 10.22172 | .2610109 | .9408134 | .3918585 |
| Stddev | .0005165 | .009134  | .07198   | .0019211 | .0048680 | .0008171 |
| %RSD   | 2.177834 | .2386751 | .7041838 | .7360274 | .5174222 | .2085249 |
| #1     | .0232824 | 3.832840 | 10.26855 | .2624147 | .9410537 | .3927849 |
| #2     | .0242862 | 3.816540 | 10.13884 | .2617965 | .9358298 | .3912402 |
| #3     | .0235735 | 3.831835 | 10.25777 | .2588215 | .9455569 | .3915503 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0862916 |
| Stddev | .0009035 |
| %RSD   | 1.047081 |
| #1     | .0871383 |
| #2     | .0853403 |
| #3     | .0863963 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2116.325 | 21530.90 | 2140.337 | 1572.659 | 1904.685 |
| Stddev    | 1.890    | 91.80    | 11.079   | 8.095    | 5.451    |
| %RSD      | .0892832 | .4263595 | .5176513 | .5147450 | .2861860 |
| #1        | 2117.577 | 21620.86 | 2137.188 | 1577.900 | 1900.357 |
| #2        | 2117.246 | 21437.36 | 2152.651 | 1563.335 | 1910.807 |
| #3        | 2114.151 | 21534.47 | 2131.174 | 1576.741 | 1902.891 |

Sample Name: P5126-06      Acquired: 01/03/2025 19:15:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1831944 | -.019296 | 5.014699 | .0788453 | .0544126 | 57.55990 |
| Stddev | .0118273 | .004744  | .059075  | .0029555 | .0066479 | .14754   |
| %RSD   | 6.456125 | 24.58736 | 1.178037 | 3.748543 | 12.21762 | .2563172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1750792 | -.022941 | 4.968147 | .0815623 | .0588746 | 57.42989 |
| #2 | .1777393 | -.013932 | 5.081155 | .0756983 | .0467721 | 57.52957 |
| #3 | .1967647 | -.021016 | 4.994795 | .0792752 | .0575910 | 57.72025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.000001 | .0068067 | .0087229 | 199.3923 | .1860544 | .1165736 |
| Stddev | .003050  | .0000193 | .0002706 | .3811    | .0003698 | .0014167 |
| %RSD   | .1525220 | .2828978 | 3.101959 | .1911222 | .1987395 | 1.215282 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.998533 | .0068155 | .0085337 | 199.0042 | .1862181 | .1150398 |
| #2 | 2.003508 | .0067847 | .0090328 | 199.4067 | .1863141 | .1178332 |
| #3 | 1.997962 | .0068201 | .0086020 | 199.7660 | .1856311 | .1168477 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6410103 | 190.4951 | 9.577617 | 45.23075 | .2462158 | -.008730 |
| Stddev | .0072897 | .1400    | .014748  | .31000   | .0011672 | .000624  |
| %RSD   | 1.137216 | .0734679 | .1539838 | .6853634 | .4740561 | 7.143122 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6447011 | 190.4611 | 9.577578 | 44.89791 | .2448803 | -.008629 |
| #2 | .6457165 | 190.3753 | 9.562889 | 45.51124 | .2470410 | -.009397 |
| #3 | .6326133 | 190.6489 | 9.592385 | 45.28310 | .2467260 | -.008163 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8660608 | .1855651 | 3.018341 | 5.870831 | F 15.17805 | -.371802 |
| Stddev | .0276087 | .0064151 | .018302  | .245064  | .17737     | .005095  |
| %RSD   | 3.187849 | 3.457049 | .6063434 | 4.174262 | 1.168568   | 1.370360 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8797344 | .1784971 | 2.997268 | 6.121256 | 15.07333 | -.371372 |
| #2 | .8841643 | .1910190 | 3.030252 | 5.631505 | 15.38284 | -.377098 |
| #3 | .8342838 | .1871791 | 3.027503 | 5.859733 | 15.07799 | -.366935 |



Sample Name: P5126-06      Acquired: 01/03/2025 19:15:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143382 | 4.034086 | 5.330897 | .6801707 | 1.005541 | .3266179 |
| Stddev | .0004017 | .044586  | .033329  | .0090160 | .000947  | .0003655 |
| %RSD   | 2.801940 | 1.105243 | .6252083 | 1.325555 | .0941898 | .1119036 |
| #1     | .0146093 | 3.999655 | 5.328181 | .6744064 | 1.005105 | .3263707 |
| #2     | .0145286 | 4.084450 | 5.365501 | .6905608 | 1.006627 | .3270377 |
| #3     | .0138767 | 4.018154 | 5.299009 | .6755450 | 1.004890 | .3264452 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0885291 |
| Stddev | .0018768 |
| %RSD   | 2.119953 |
| #1     | .0891335 |
| #2     | .0864246 |
| #3     | .0900292 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2019.048 | 20811.33 | 2058.600 | 1538.080 | 1872.555 |
| Stddev    | 16.214   | 153.24   | 8.977    | 5.240    | 19.081   |
| %RSD      | .8030518 | .7363529 | .4360541 | .3407090 | 1.019008 |
| #1        | 2032.219 | 20659.43 | 2051.728 | 1540.162 | 1886.697 |
| #2        | 2000.939 | 20965.88 | 2055.315 | 1541.958 | 1850.851 |
| #3        | 2023.985 | 20808.69 | 2068.756 | 1532.118 | 1880.116 |

Sample Name: P5126-07      Acquired: 01/03/2025 19:19:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2721438 | -.076652 | 2.392462 | .1965354 | .0933521   | 49.09069 |
| Stddev | .0038225 | .003150  | .008725  | .0033170 | .0039578   | .11322   |
| %RSD   | 1.404593 | 4.109760 | .3646683 | 1.687720 | 4.239648   | .2306425 |
| #1     | .2740373 | -.074179 | 2.383386 | .2001040 | .0969584   | 48.97071 |
| #2     | .2746499 | -.075579 | 2.393213 | .1935466 | .0939802   | 49.10570 |
| #3     | .2677441 | -.080199 | 2.400786 | .1959555 | .0891179   | 49.19566 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.319266 | .0080986 | .0116621 | 280.5206 | .1309546   | .1224283 |
| Stddev | .006150  | .0002550 | .0000104 | .7108    | .0013719   | .0004159 |
| %RSD   | .2651626 | 3.149272 | .0895424 | .2533843 | 1.047646   | .3397167 |
| #1     | 2.326366 | .0083028 | .0116718 | 280.7211 | .1303406   | .1228329 |
| #2     | 2.315587 | .0078127 | .0116510 | 279.7311 | .1325263   | .1224500 |
| #3     | 2.315846 | .0081803 | .0116636 | 281.1096 | .1299968   | .1220019 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4624545 | 400.5209 | 14.62030 | 58.64919 | .2330154   | -.024112 |
| Stddev | .0132124 | .7021    | .04025   | .35859   | .0002085   | .000621  |
| %RSD   | 2.857023 | .1753007 | .2752741 | .6114225 | .0894657   | 2.575152 |
| #1     | .4777070 | 400.3641 | 14.60668 | 58.44812 | .2331256   | -.024207 |
| #2     | .4545296 | 399.9104 | 14.58863 | 58.43625 | .2331457   | -.023449 |
| #3     | .4551269 | 401.2881 | 14.66559 | 59.06320 | .2327750   | -.024680 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.051816 | .2023125 | 2.718805 | 5.069343 | F 15.90156 | -.876533 |
| Stddev | .034574  | .0013848 | .010395  | .066279  | .03513     | .008061  |
| %RSD   | 3.287091 | .6844760 | .3823533 | 1.307452 | .2209162   | .9196423 |
| #1     | 1.014439 | .2029558 | 2.707126 | 5.072116 | 15.86133   | -.867485 |
| #2     | 1.058356 | .2007231 | 2.727045 | 5.001721 | 15.91720   | -.879161 |
| #3     | 1.082653 | .2032586 | 2.722245 | 5.134192 | 15.92616   | -.882951 |

Sample Name: P5126-07      Acquired: 01/03/2025 19:19:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0224147 | 2.976785 | 3.916225 | .2329141 | .6963759 | .0673483 |
| Stddev | .0002794 | .008615  | .018256  | .0017744 | .0075461 | .0010519 |
| %RSD   | 1.246705 | .2894205 | .4661598 | .7618466 | 1.083620 | 1.561892 |
| #1     | .0221193 | 2.986198 | 3.896423 | .2341919 | .7030495 | .0685629 |
| #2     | .0224502 | 2.969291 | 3.919866 | .2336623 | .6881873 | .0667486 |
| #3     | .0226748 | 2.974866 | 3.932385 | .2308881 | .6978911 | .0667333 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0810184 |
| Stddev | .0017222 |
| %RSD   | 2.125736 |
| #1     | .0797417 |
| #2     | .0829772 |
| #3     | .0803362 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2061.336 | 21131.49 | 2085.146 | 1549.132 | 1884.632 |
| Stddev    | 8.555    | 171.88   | 2.185    | 6.360    | 4.868    |
| %RSD      | .4150413 | .8133878 | .1047852 | .4105740 | .2582896 |
| #1        | 2068.737 | 20983.47 | 2085.036 | 1544.874 | 1885.854 |
| #2        | 2063.301 | 21091.01 | 2083.019 | 1546.079 | 1888.773 |
| #3        | 2051.968 | 21320.01 | 2087.385 | 1556.444 | 1879.270 |

Sample Name: CCV104      Acquired: 01/03/2025 19:23:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV104      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.087542 | 4.956179 | 25.28618 | 4.999079 | 4.982099 | 408.4619 | 10.41676 |
| Stddev | .007306  | .014924  | .02660   | .005344  | .022119  | 2.1276   | .04267   |
| %RSD   | .1435985 | .3011105 | .1051834 | .1069032 | .4439636 | .5208859 | .4095904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.081868 | 4.944181 | 25.25625 | 4.994983 | 4.968743 | 406.0609 | 10.38131 |
| #2 | 5.084973 | 4.951466 | 25.30711 | 4.997130 | 4.969924 | 409.2115 | 10.40485 |
| #3 | 5.095785 | 4.972890 | 25.29519 | 5.005124 | 5.007630 | 410.1133 | 10.46411 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5260932 | 2.543808 | 416.2621 | 15.81694 | 2.553795 | 15.54632 | 413.4644 |
| Stddev | .0008966 | .000449  | 2.1847   | .08538   | .001069  | .08582   | 1.6437   |
| %RSD   | .1704195 | .0176538 | .5248324 | .5397920 | .0418560 | .5520259 | .3975385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5254925 | 2.543602 | 414.5438 | 15.77859 | 2.552792 | 15.45516 | 411.7820 |
| #2 | .5256633 | 2.543500 | 415.5217 | 15.91477 | 2.553673 | 15.55824 | 413.5448 |
| #3 | .5271238 | 2.544324 | 418.7207 | 15.75747 | 2.554920 | 15.62555 | 415.0664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.44618 | 411.0968 | 2.564317 | 1.280926 | 419.7942 | 2.580052 | 14.94727 |
| Stddev | .06020   | 2.0392   | .002506  | .005680  | 2.8521   | .024939  | .12960   |
| %RSD   | .3897378 | .4960349 | .0977389 | .4434144 | .6793928 | .9665980 | .8670415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.37667 | 408.8732 | 2.561471 | 1.279524 | 417.1627 | 2.595021 | 14.83893 |
| #2 | 15.48114 | 411.5378 | 2.565284 | 1.287175 | 419.3952 | 2.551263 | 15.09084 |
| #3 | 15.48072 | 412.8794 | 2.566195 | 1.276078 | 422.8248 | 2.593873 | 14.91204 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.6631 | 5.041529 | 4.566706 | 4.972645 | 5.081372 | 5.174862 | 5.117885 |
| Stddev | .8308    | .015373  | .004144  | .013802  | .008358  | .010889  | .012115  |
| %RSD   | .5303254 | .3049187 | .0907349 | .2775489 | .1644867 | .2104202 | .2367181 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.0343 | 5.024745 | 4.565520 | 4.972183 | 5.075958 | 5.168593 | 5.109178 |
| #2 | 156.3500 | 5.054925 | 4.563286 | 4.959080 | 5.077161 | 5.168558 | 5.112757 |
| #3 | 157.6050 | 5.044916 | 4.571314 | 4.986671 | 5.090999 | 5.187436 | 5.131721 |

Sample Name: CCV104      Acquired: 01/03/2025 19:23:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV104      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.170353 | 4.917512 | 5.013810 |
| Stddev | .019760  | .029357  | .028371  |
| %RSD   | .3821821 | .5969818 | .5658645 |
| #1     | 5.161518 | 4.884732 | 4.988536 |
| #2     | 5.156552 | 4.926425 | 5.008396 |
| #3     | 5.192989 | 4.941379 | 5.044498 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1524.035 | 16551.81 | 1678.550 | 1136.547 | 1634.004 |
| Stddev    | .091     | 80.93    | 8.731    | 10.852   | 2.772    |
| %RSD      | .0059805 | .4889404 | .5201501 | .9547833 | .1696387 |
| #1        | 1524.086 | 16632.29 | 1684.183 | 1148.118 | 1633.372 |
| #2        | 1523.930 | 16470.44 | 1682.975 | 1126.597 | 1631.602 |
| #3        | 1524.089 | 16552.68 | 1668.493 | 1134.928 | 1637.037 |

Sample Name: CCB104      Acquired: 01/03/2025 19:27:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB104      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020100 | -.002652 | .0024077 | .0049582 | -.000040 | .0735298 | -.004944 |
| Stddev | .0026339 | .002157  | .0027236 | .0083054 | .002361  | .0556264 | .001925  |
| %RSD   | 131.0378 | 81.33095 | 113.1205 | 167.5091 | 5873.772 | 75.65154 | 38.94411 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000480 | -.004610 | .0036063 | -.000997 | .002476  | .1320313 | -.005582 |
| #2 | .004768  | -.000339 | .0043263 | .001425  | -.002205 | .0213121 | -.006469 |
| #3 | .001742  | -.003008 | -.000710 | .014446  | -.000391 | .0672460 | -.002780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000493 | .0000108 | -.052579 | .0003286 | -.000333 | -.011125 | .0242653 |
| Stddev | .0000398 | .0000790 | .012193  | .0006030 | .000268  | .007113  | .0129248 |
| %RSD   | 80.73092 | 729.3408 | 23.19010 | 183.5118 | 80.39799 | 63.93557 | 53.26441 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000847 | -.000022 | -.038723 | -.000055 | -.000071 | -.016993 | .0380508 |
| #2 | .0000062 | .000101  | -.061669 | .001024  | -.000322 | -.013168 | .0124209 |
| #3 | .0000571 | -.000047 | -.057346 | .000017  | -.000607 | -.003214 | .0223241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043761 | -.117474 | -.000140 | .0007001 | .1050003 | -.009107 | .0008442 |
| Stddev | .0009139 | .067046  | .001117  | .0005937 | .0192550 | .010788  | .0005052 |
| %RSD   | 20.88295 | 57.07333 | 798.6326 | 84.80366 | 18.33800 | 118.4540 | 59.84241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033236 | -.103689 | .000017  | .0000235 | .1247261 | -.009508 | .0014273 |
| #2 | .0048364 | -.190342 | .000890  | .0009428 | .1040211 | -.019689 | .0005376 |
| #3 | .0049683 | -.058392 | -.001327 | .0011340 | .0862536 | .001875  | .0005678 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3911145 | -.001692 | .0099518 | .0001074 | -.010772 | -.002770 | -.000508 |
| Stddev | .2171316 | .002981  | .0013110 | .0006924 | .004590  | .000695  | .001747  |
| %RSD   | 55.51613 | 176.1447 | 13.17339 | 644.4448 | 42.61025 | 25.09443 | 343.7487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6066822 | .001039  | .0113355 | .0006778 | -.012687 | -.003557 | -.001129 |
| #2 | .3942092 | -.001244 | .0097917 | .0003074 | -.014094 | -.002242 | -.001861 |
| #3 | .1724520 | -.004872 | .0087282 | -.000663 | -.005535 | -.002509 | .001465  |

Sample Name: CCB104      Acquired: 01/03/2025 19:27:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB104      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.008857 | -.000337 | .0042710 |
| Stddev | .003929  | .000077  | .0024919 |
| %RSD   | 44.35420 | 22.72321 | 58.34489 |
| #1     | -.012640 | -.000392 | .0069712 |
| #2     | -.009134 | -.000249 | .0037818 |
| #3     | -.004798 | -.000369 | .0020600 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1854.419 | 18978.95 | 1846.279 | 1407.942 | 2049.421 |
| Stddev    | 3.827    | 30.76    | 15.956   | 2.830    | 3.364    |
| %RSD      | .2063853 | .1620832 | .8642432 | .2009866 | .1641230 |
| #1        | 1850.757 | 19001.32 | 1861.277 | 1411.178 | 2045.638 |
| #2        | 1854.109 | 18991.65 | 1829.512 | 1405.931 | 2050.549 |
| #3        | 1858.392 | 18943.87 | 1848.050 | 1406.718 | 2052.075 |