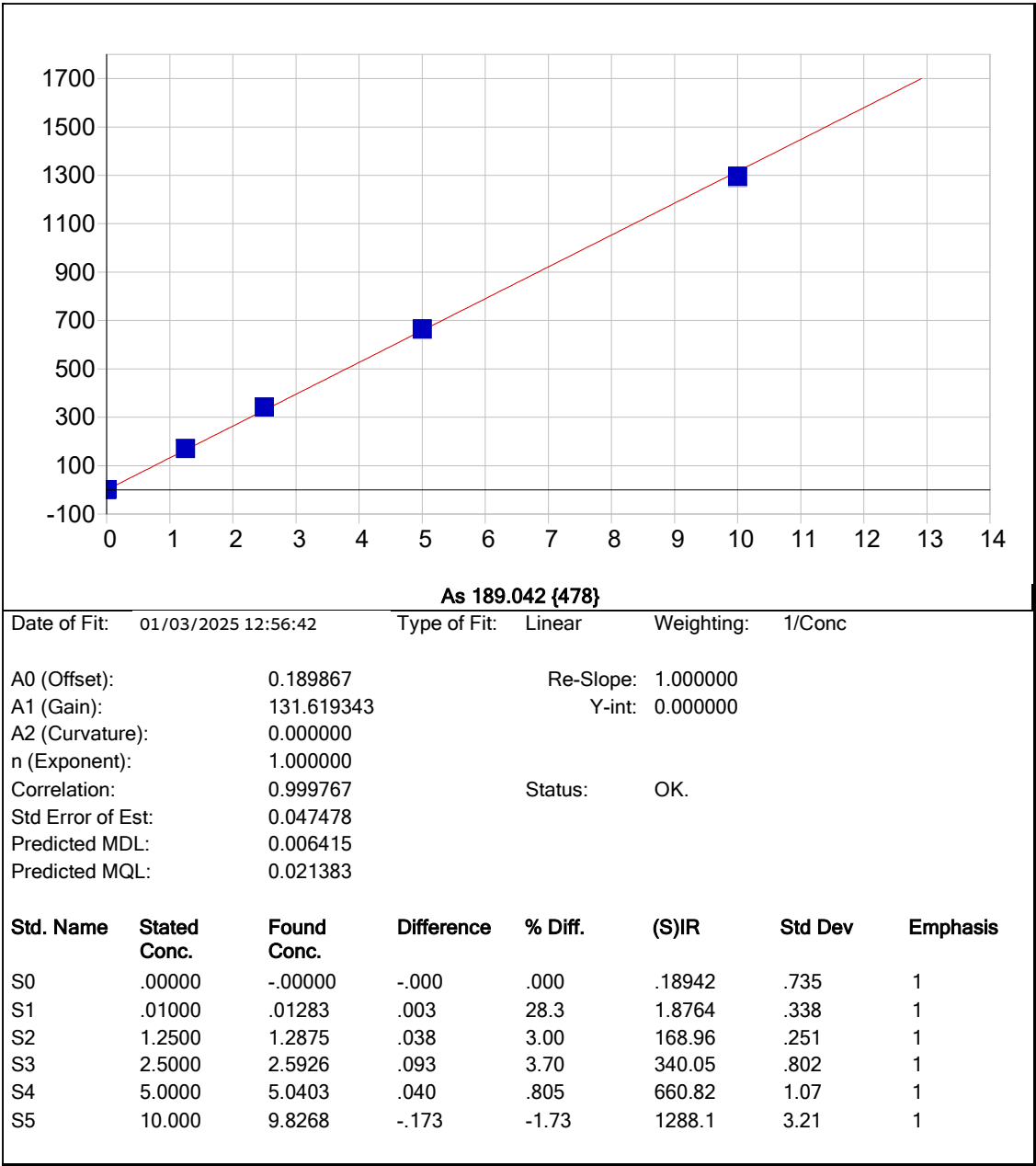
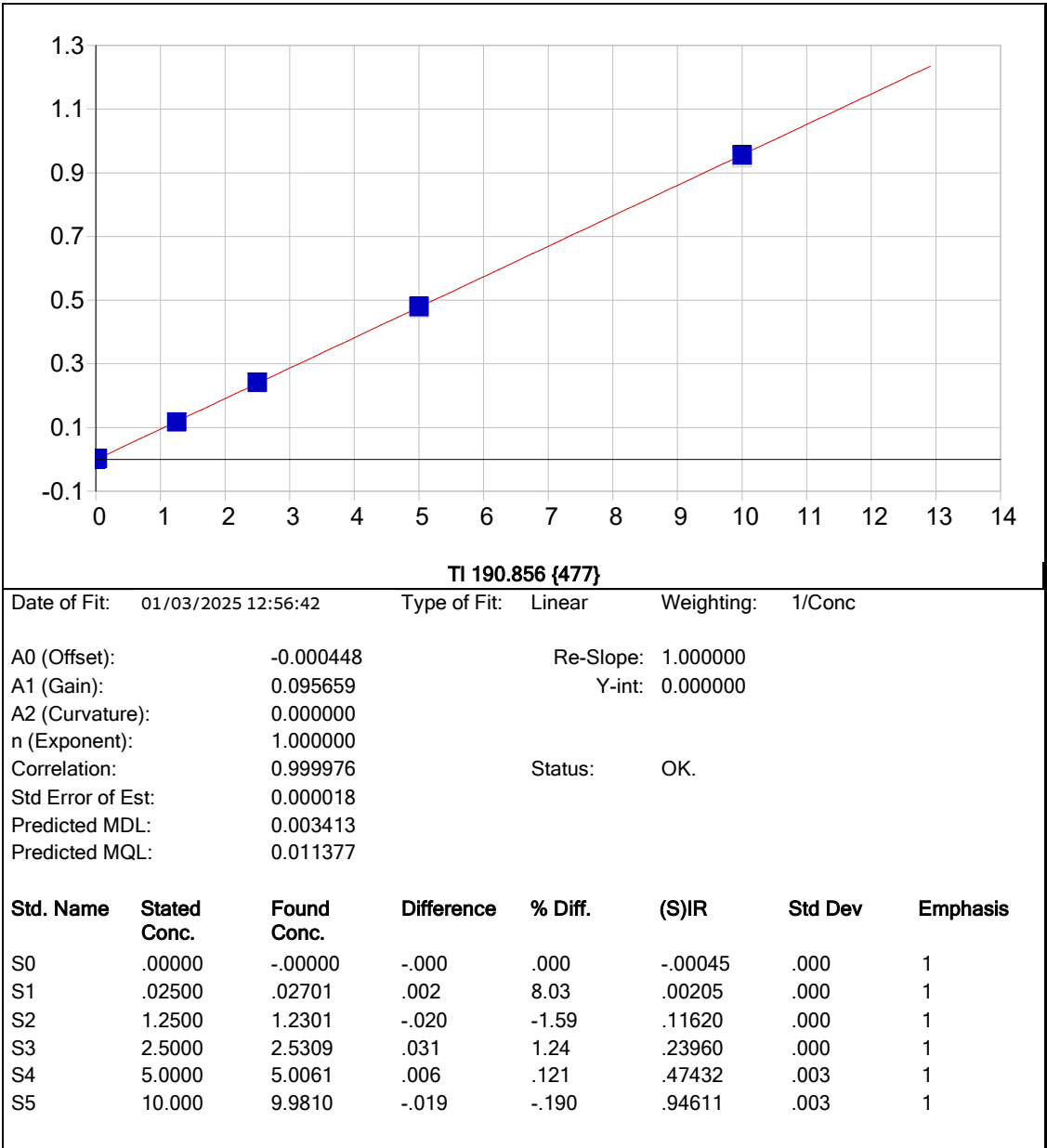
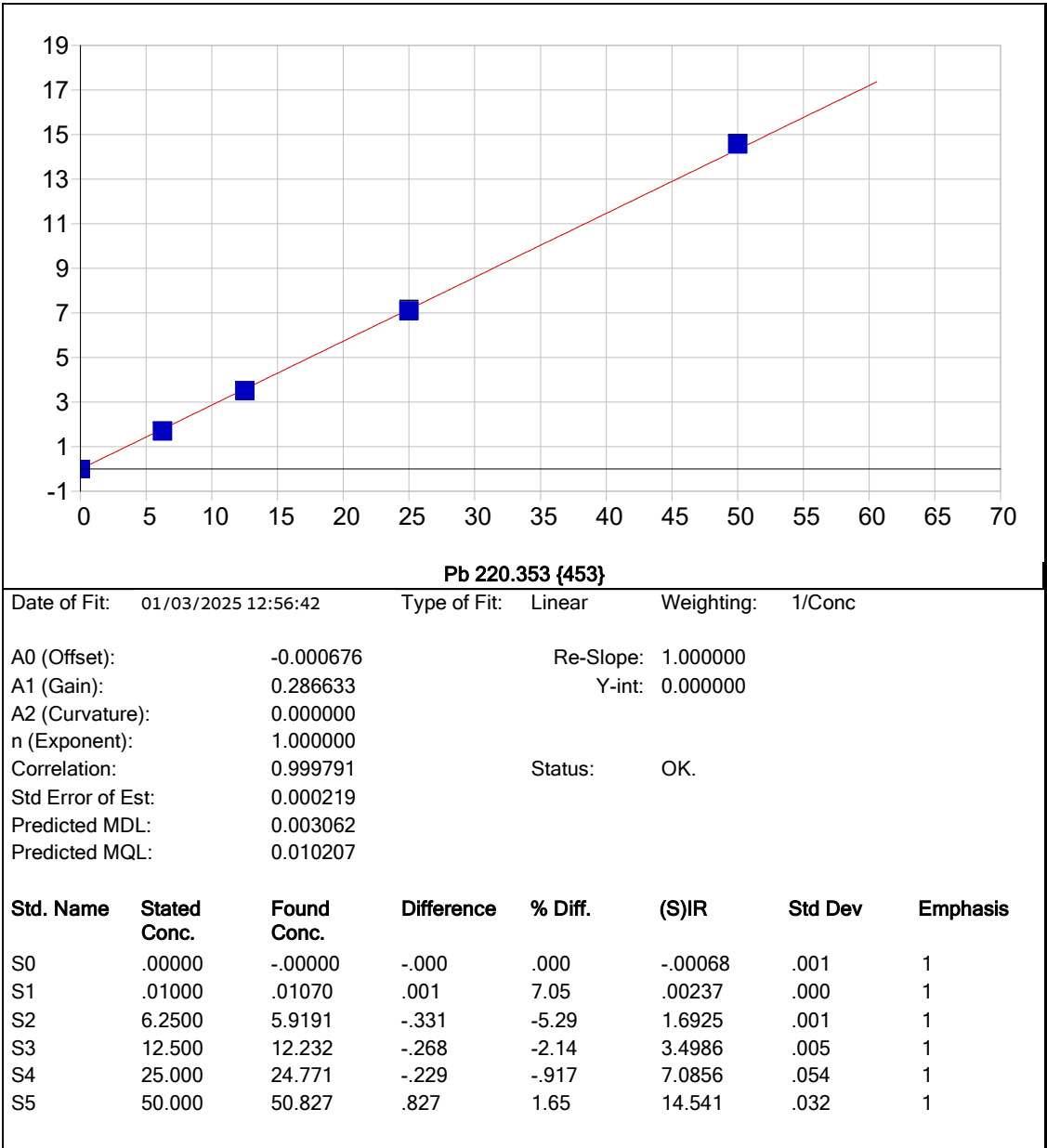
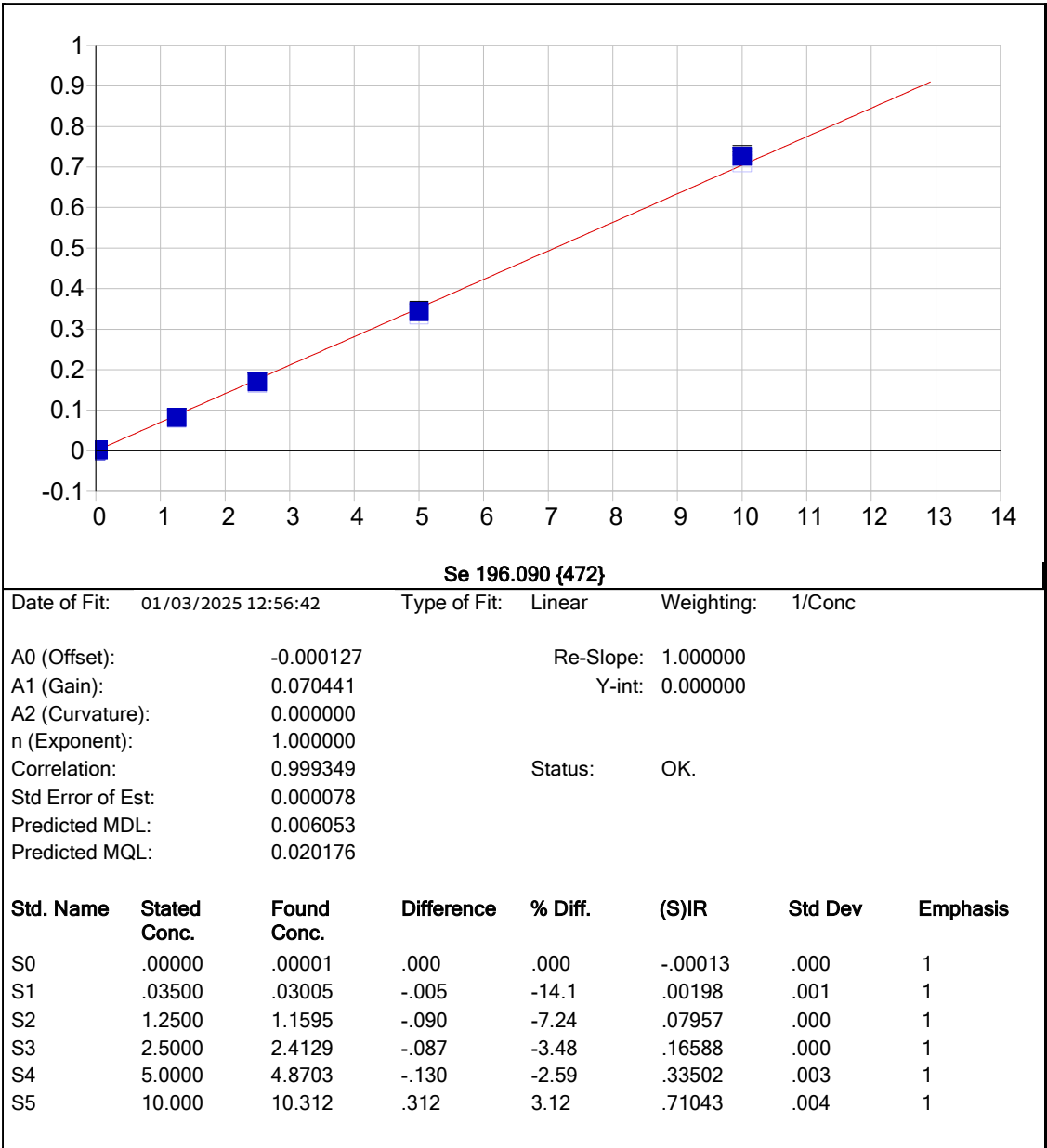


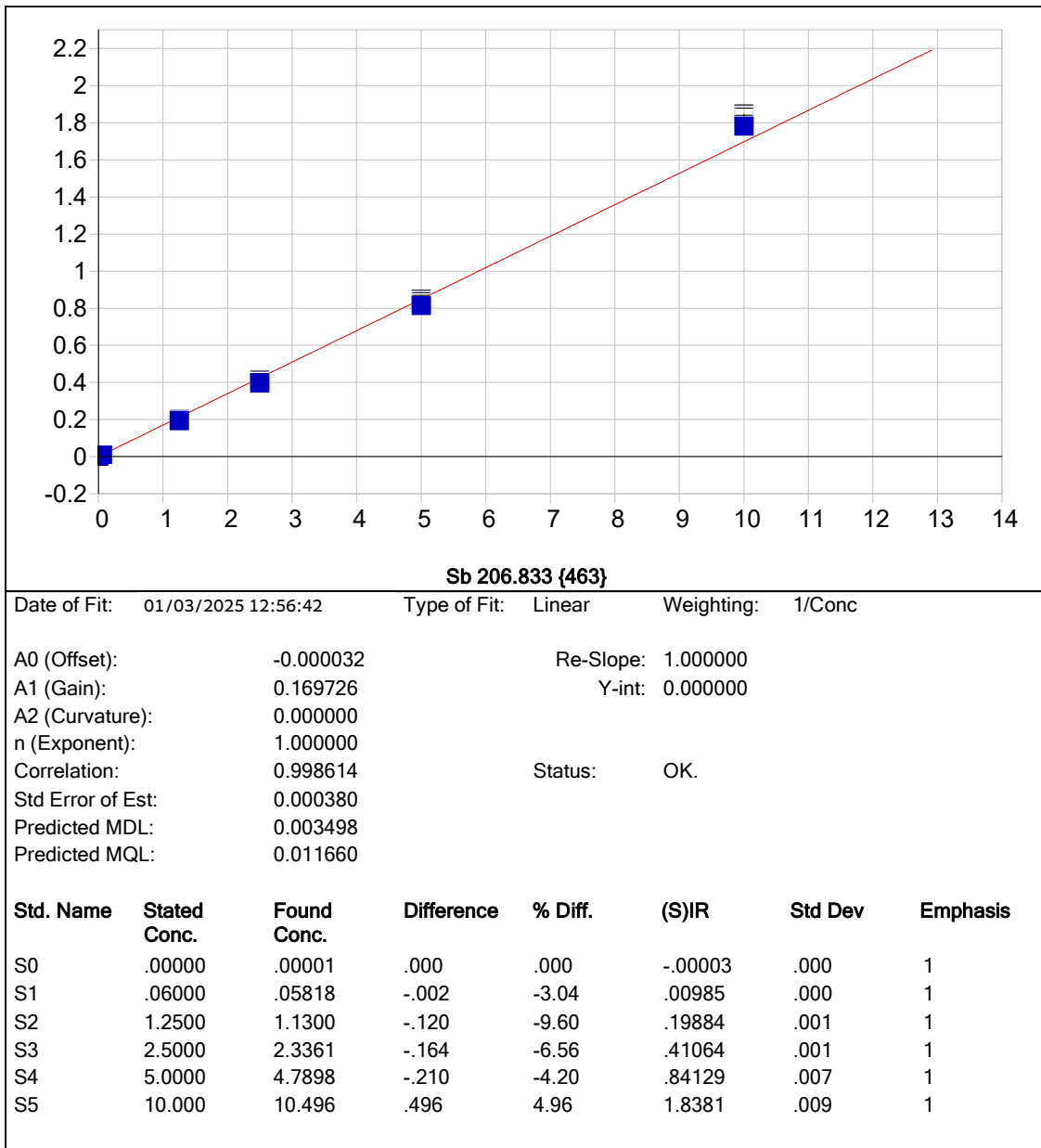


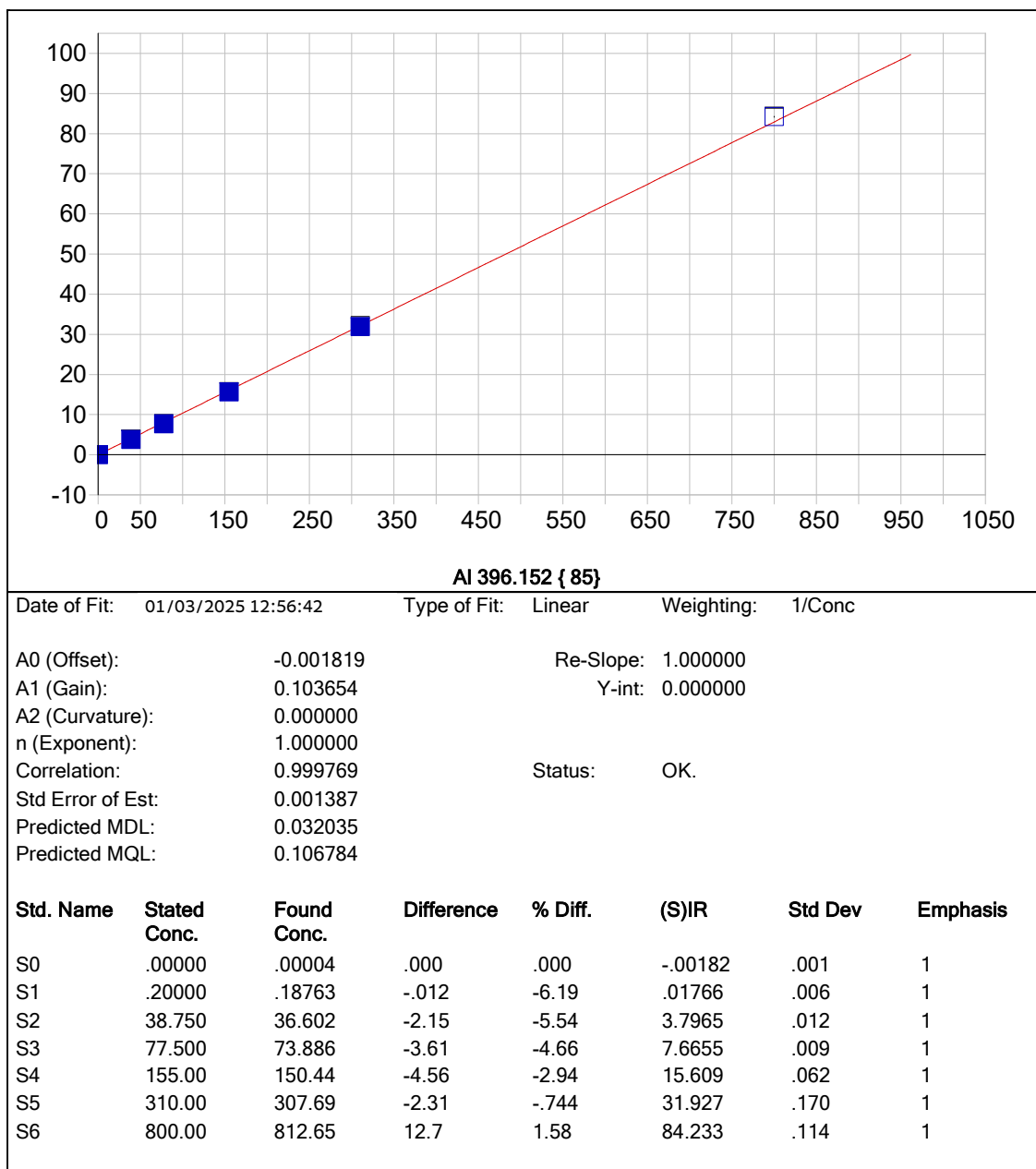


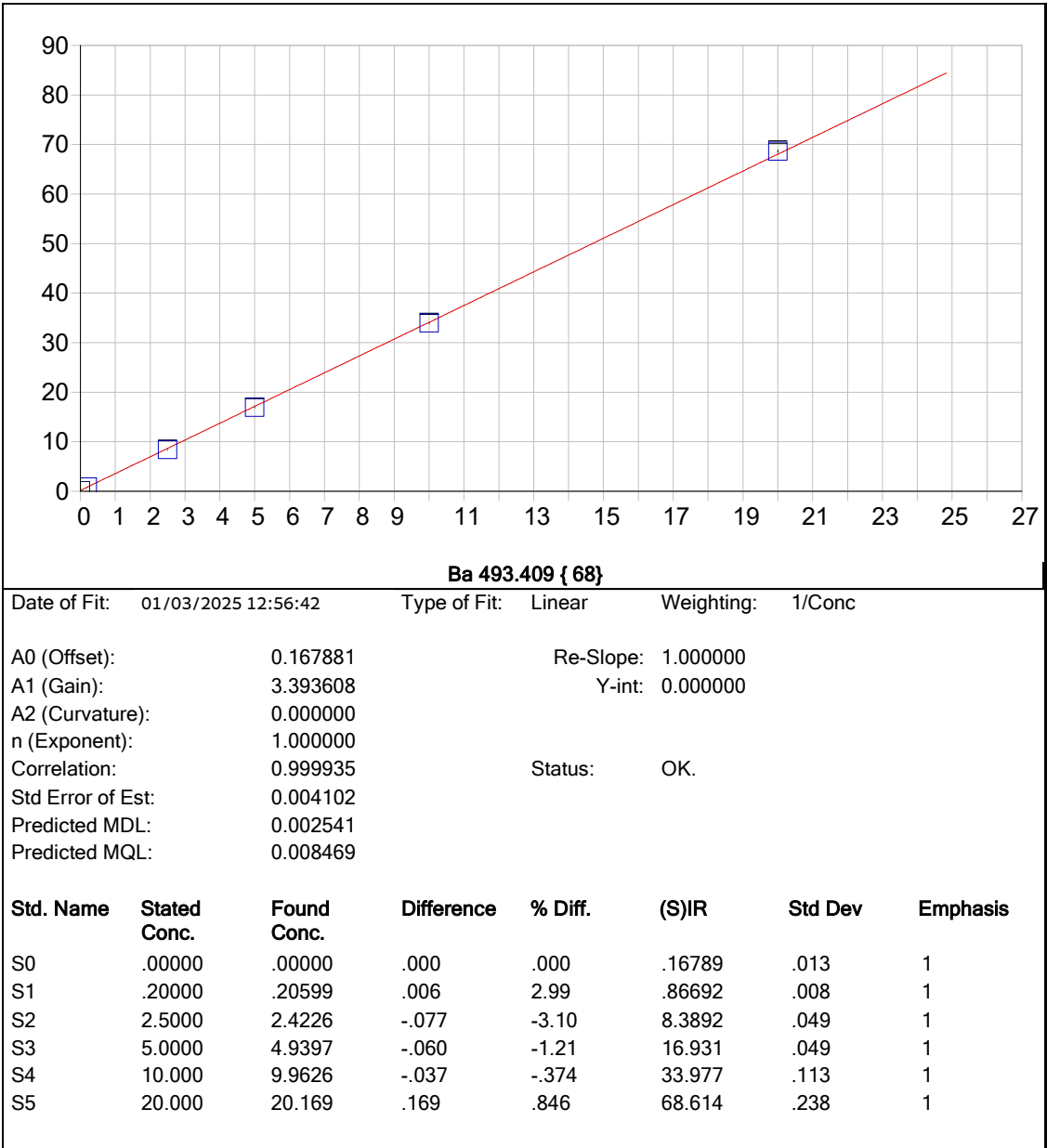


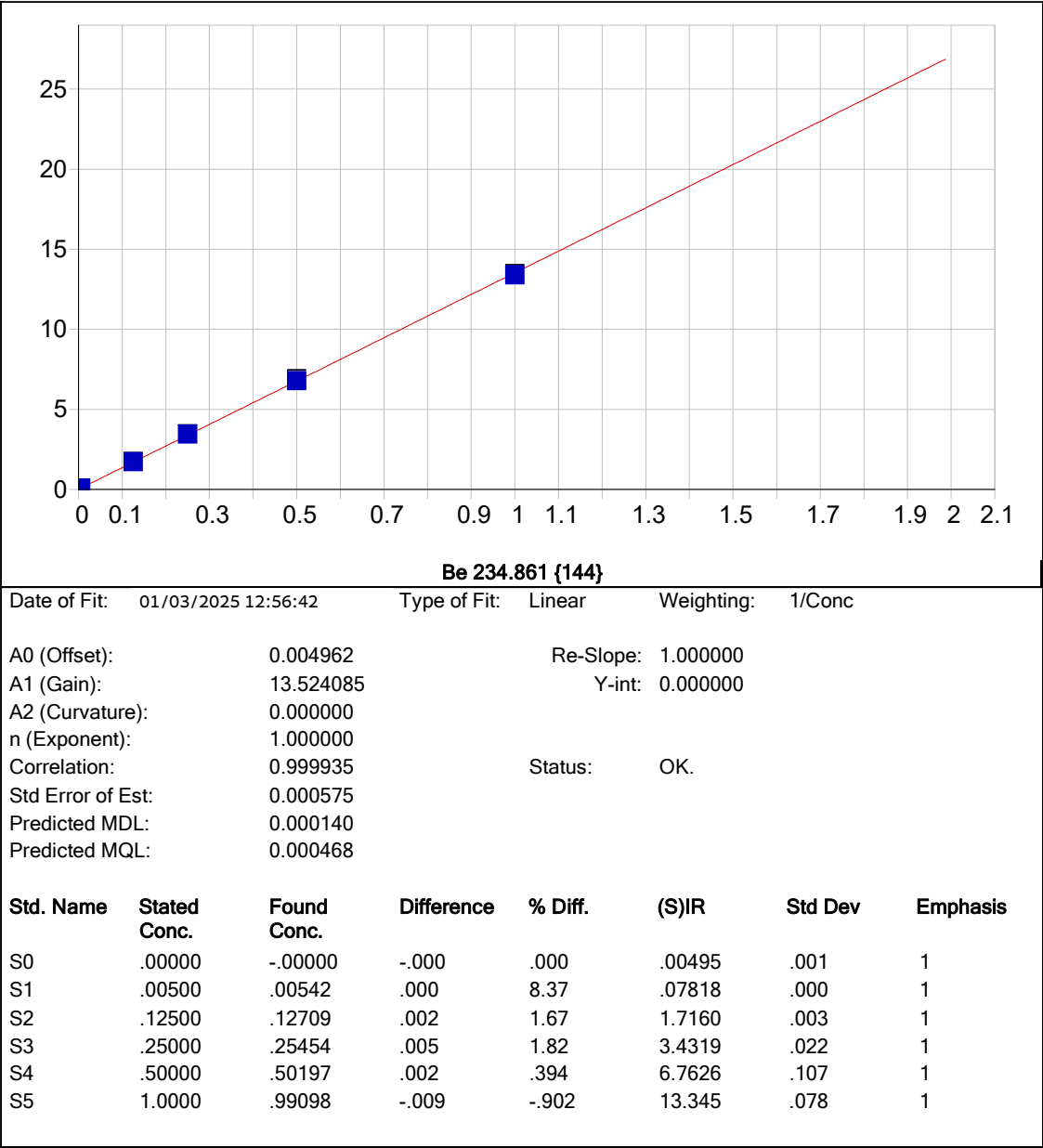


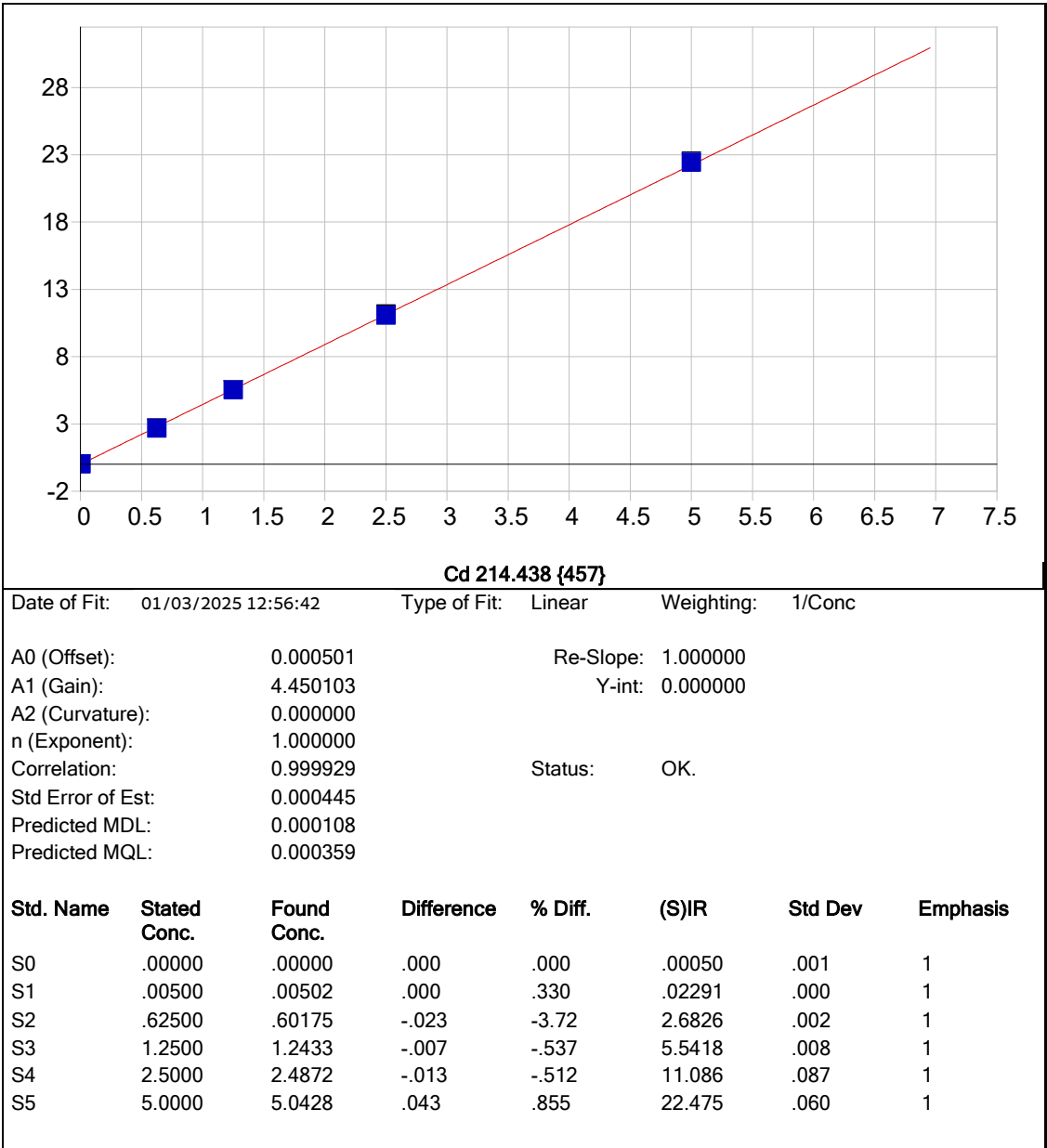




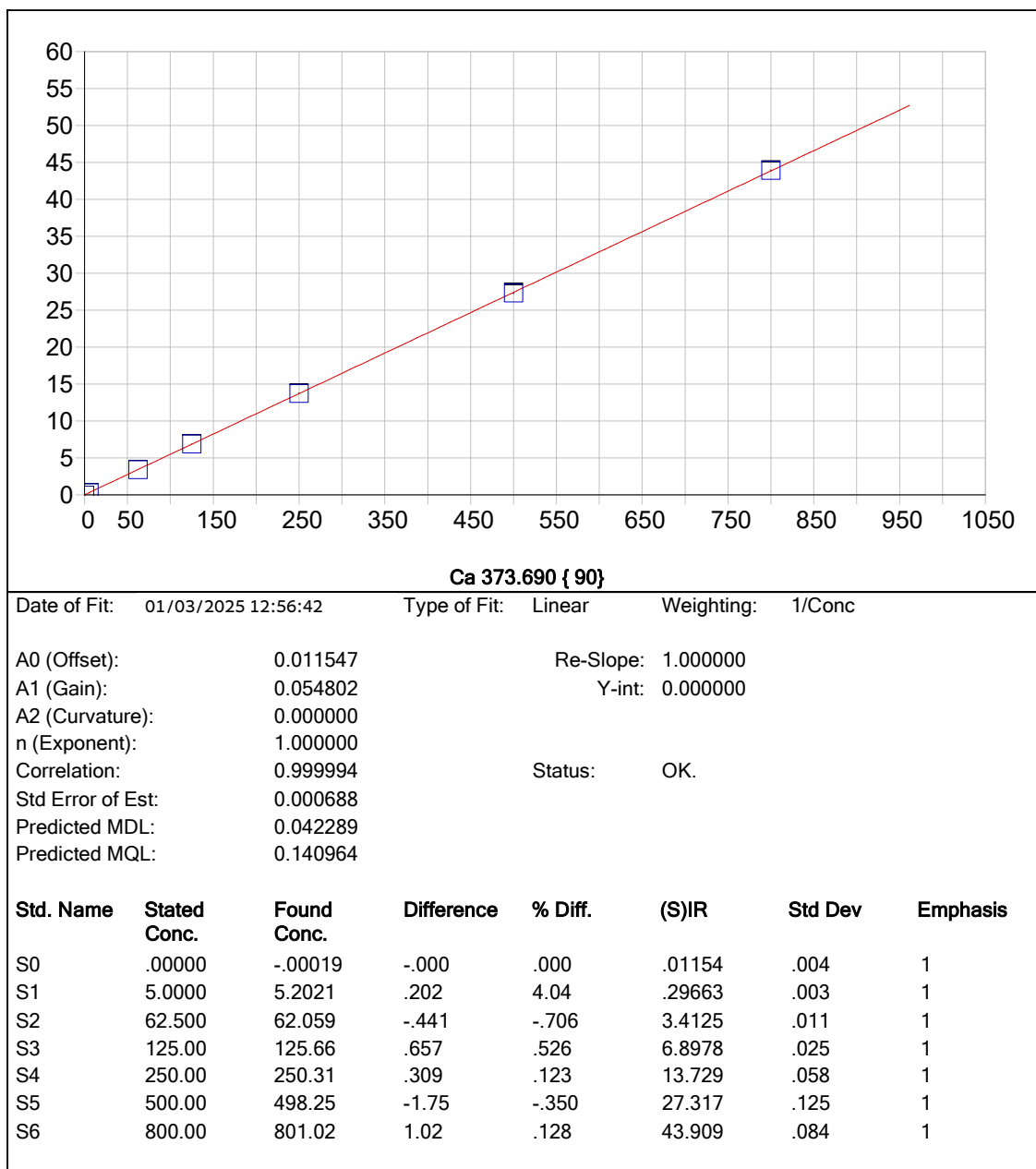


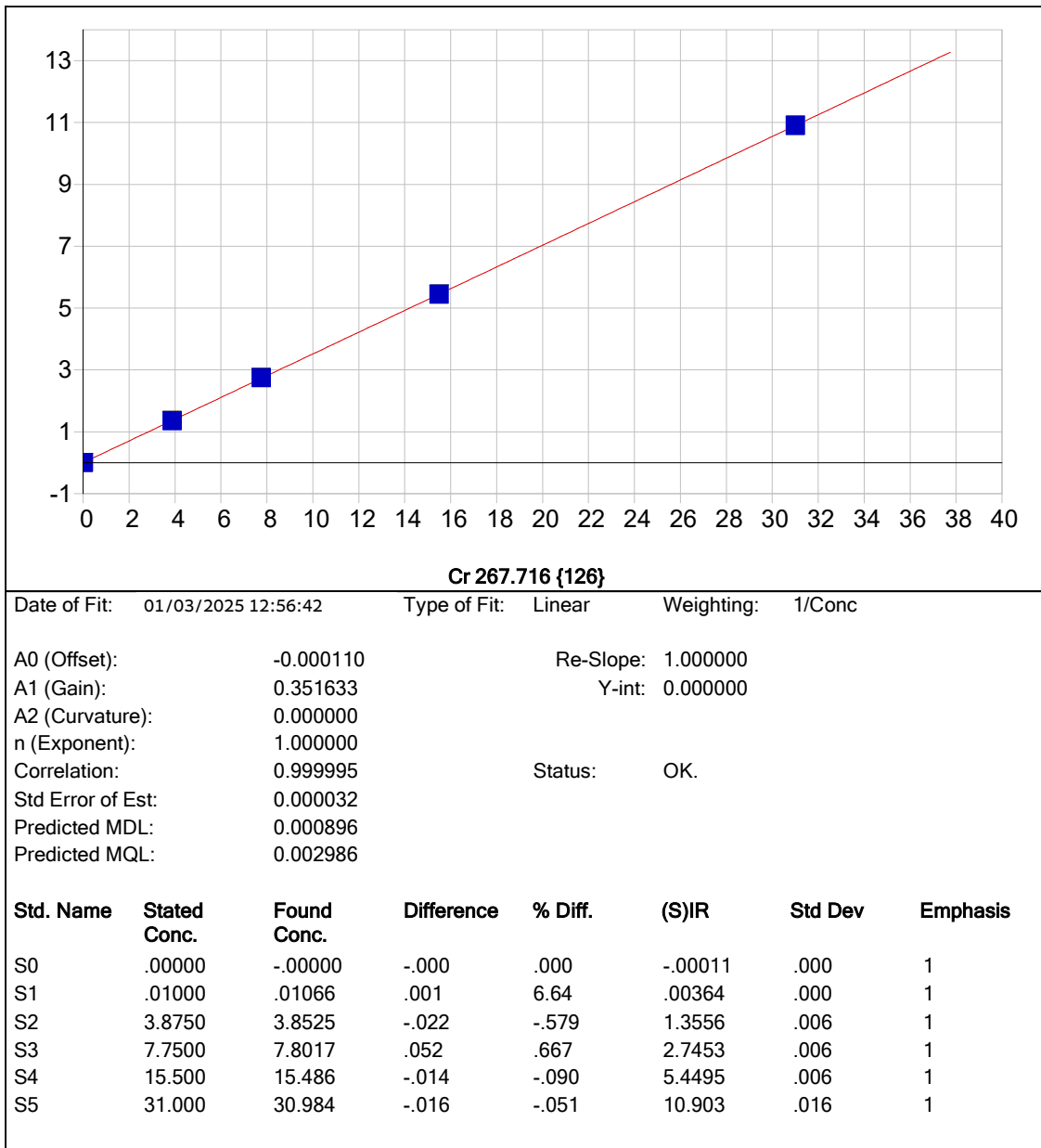


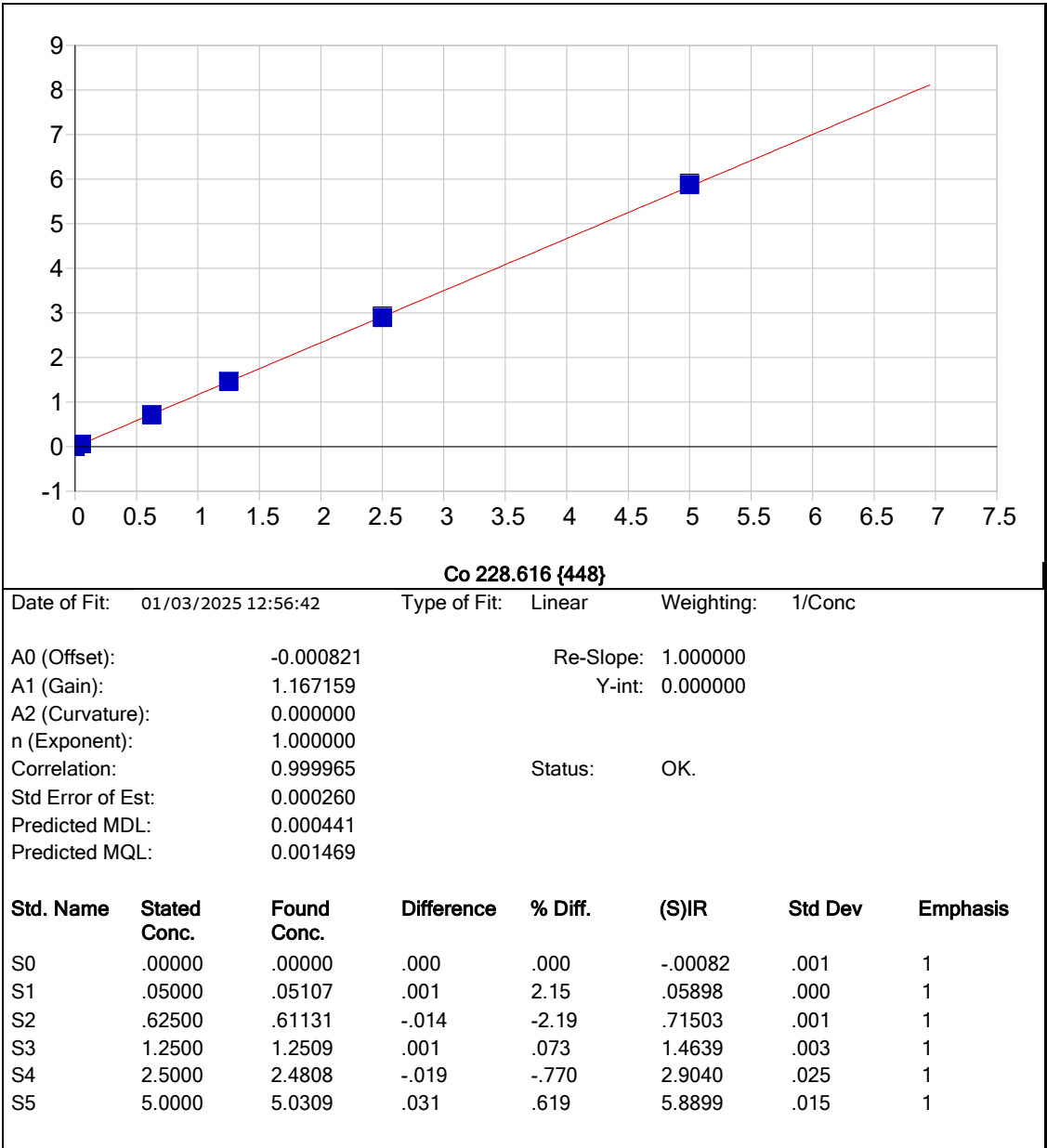


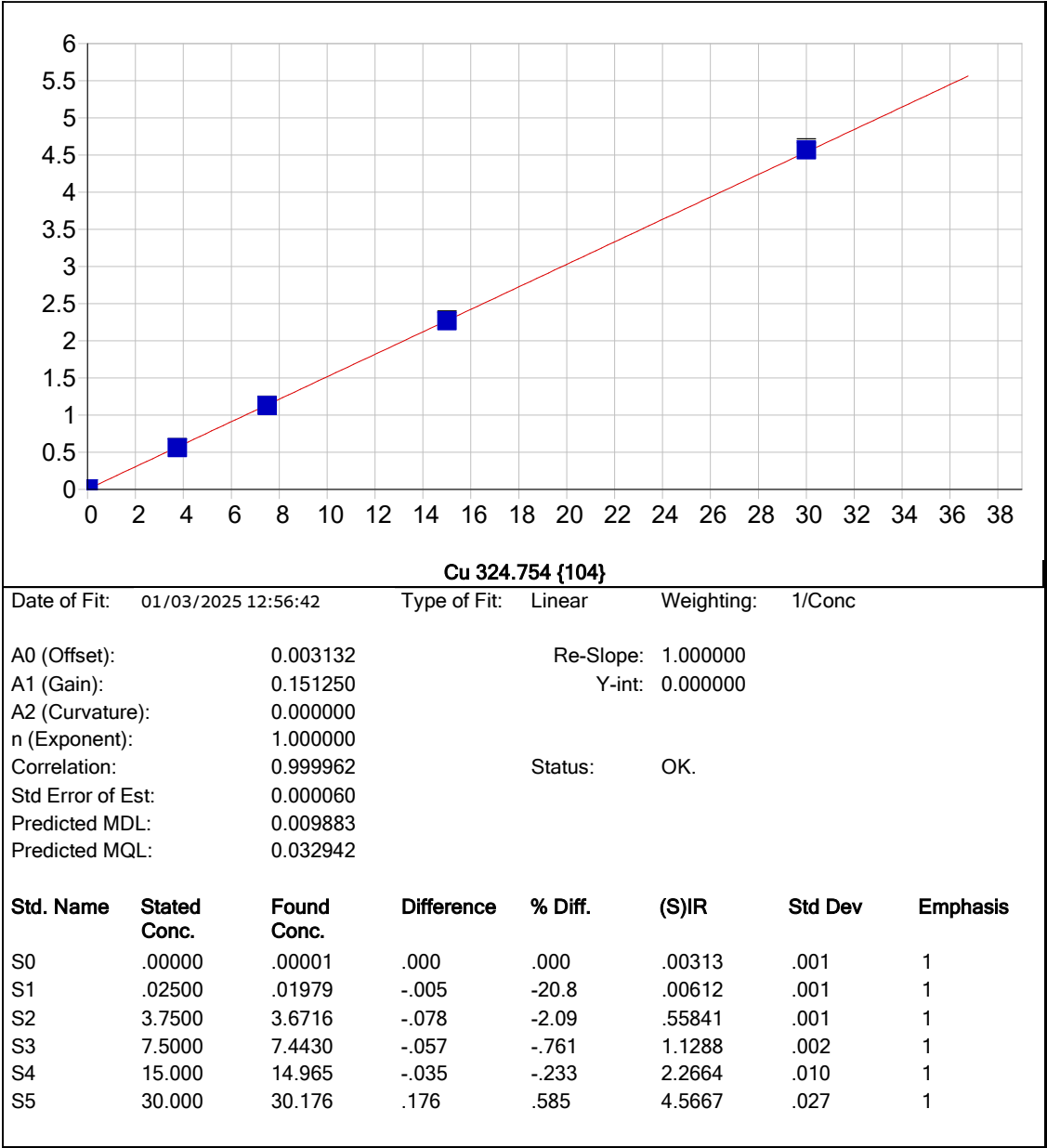


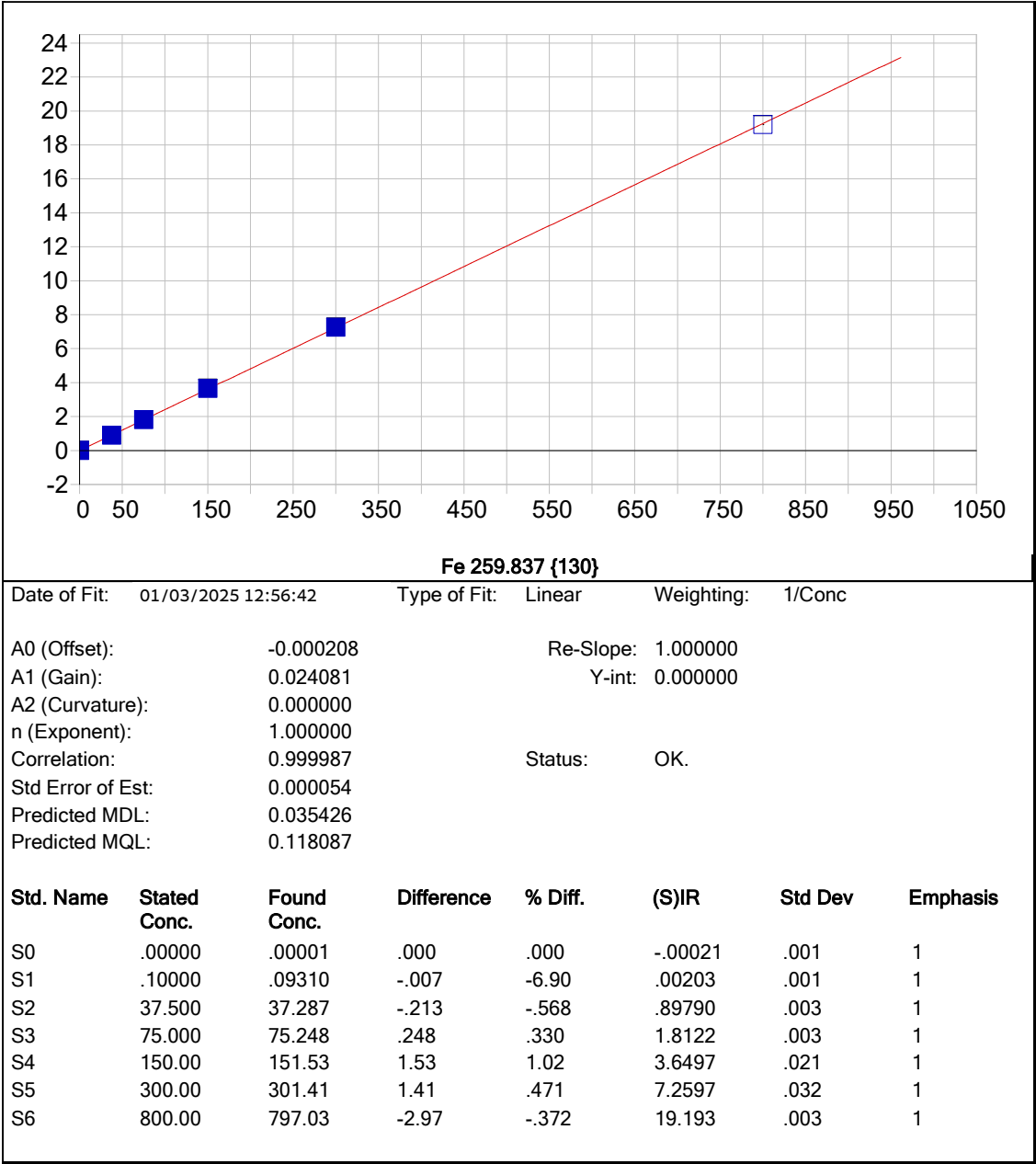


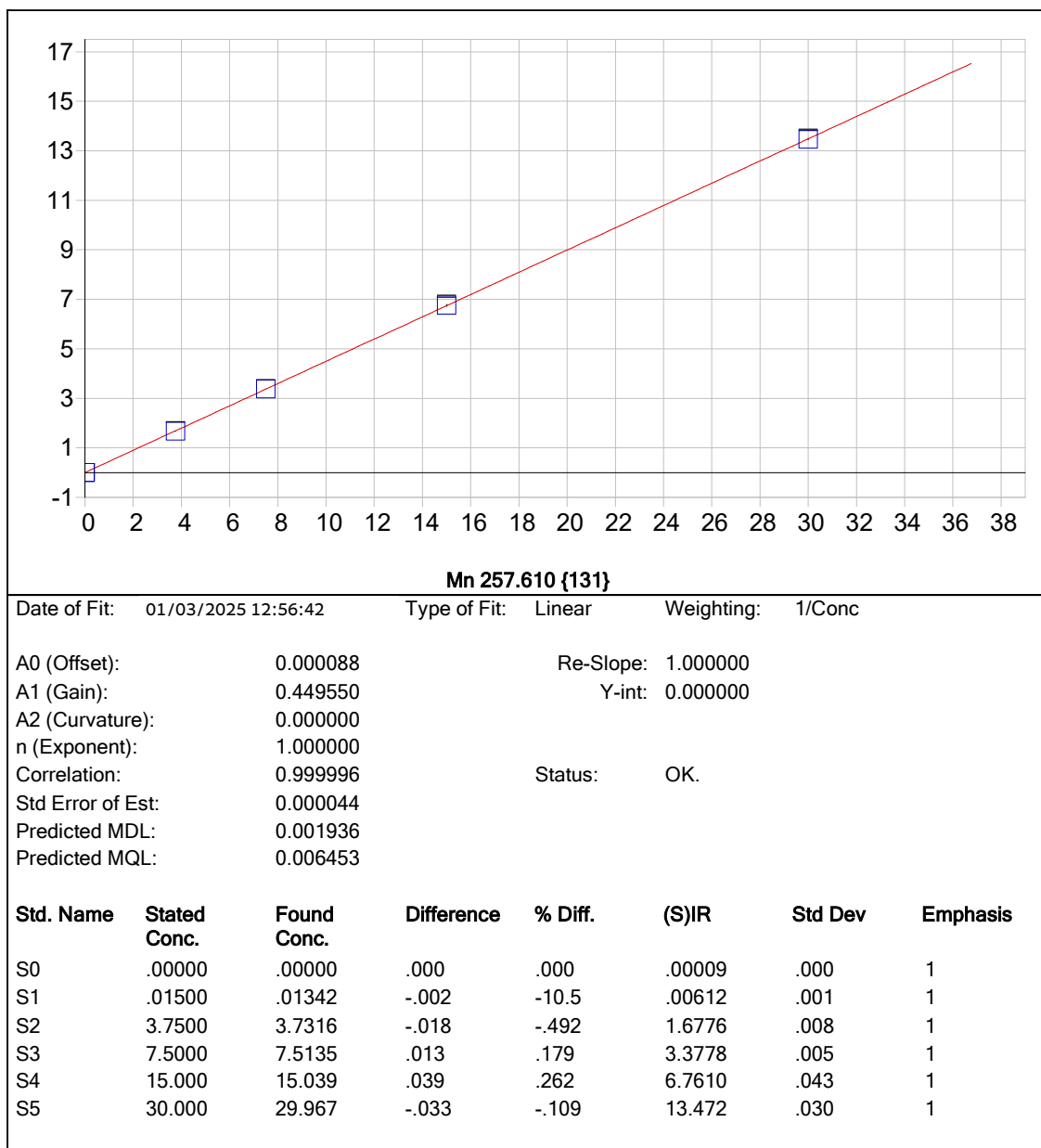


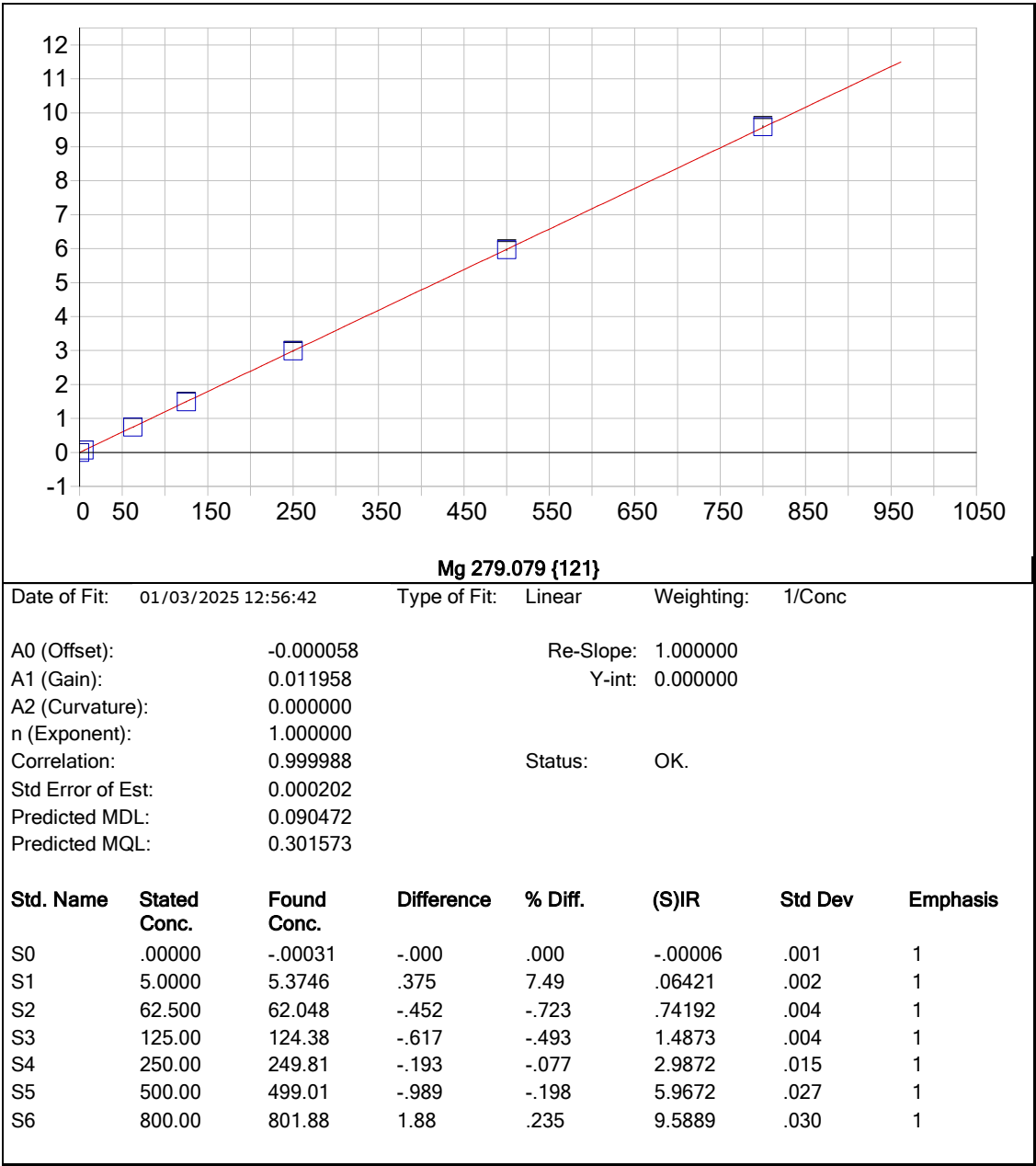


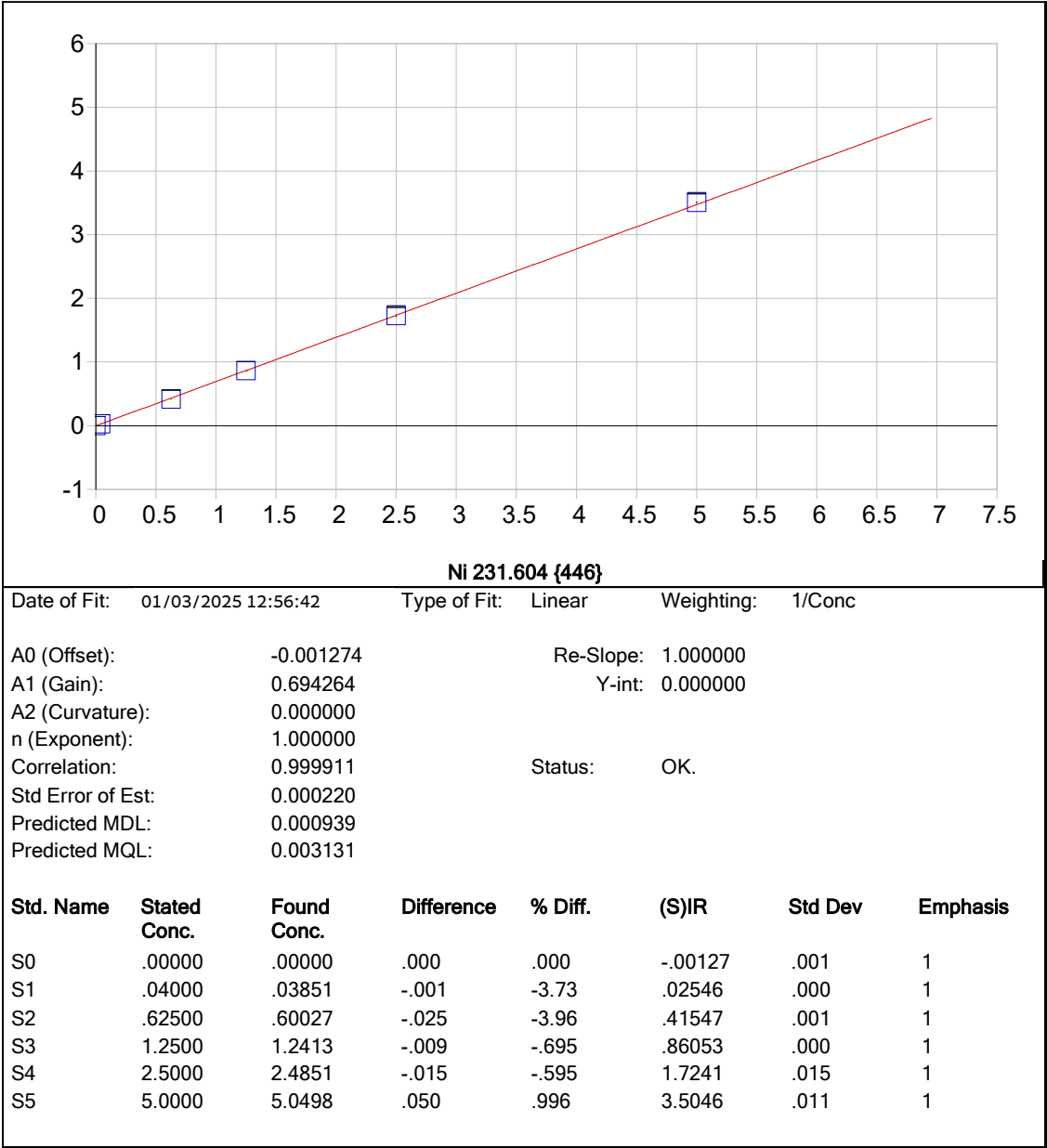




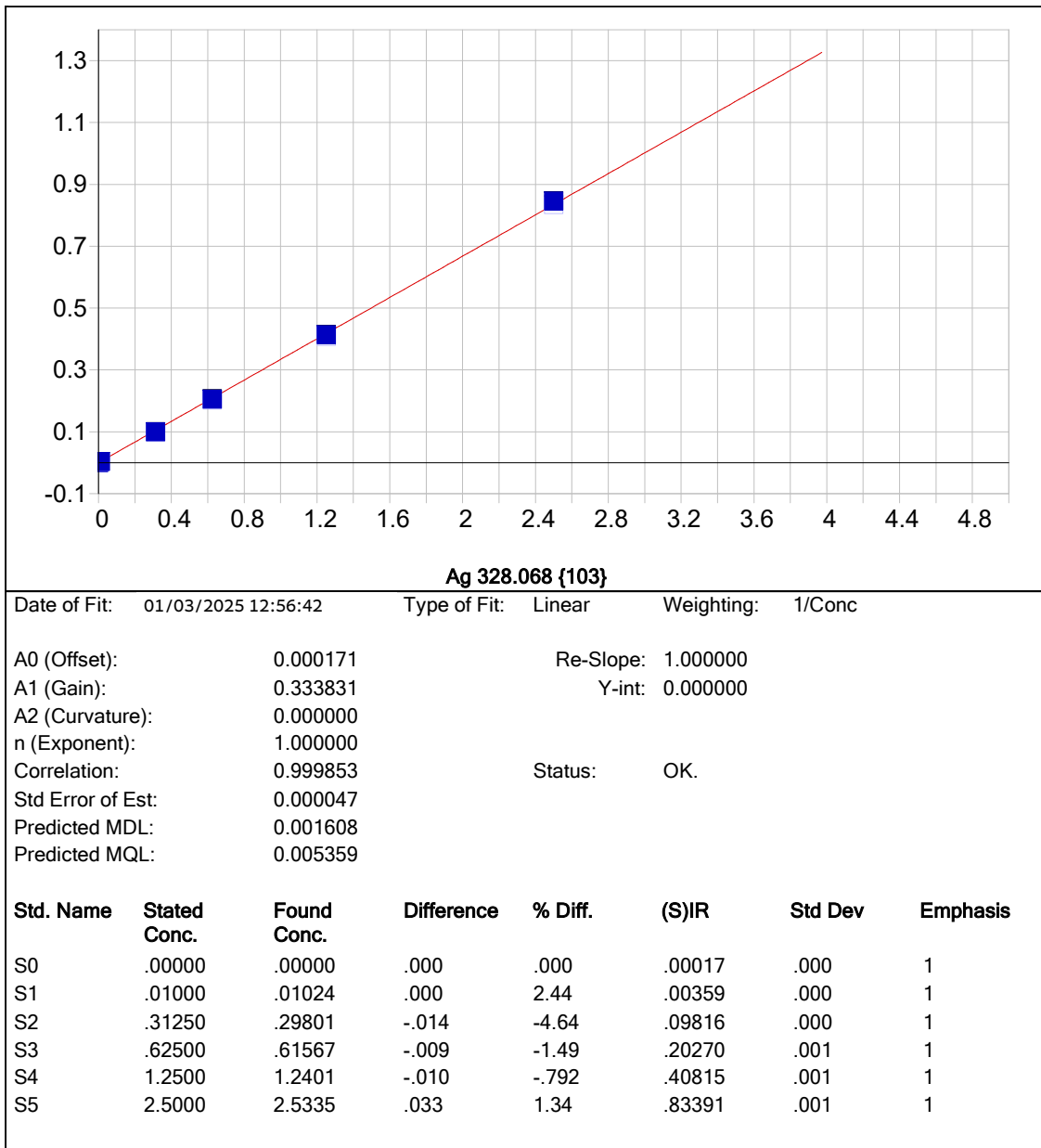


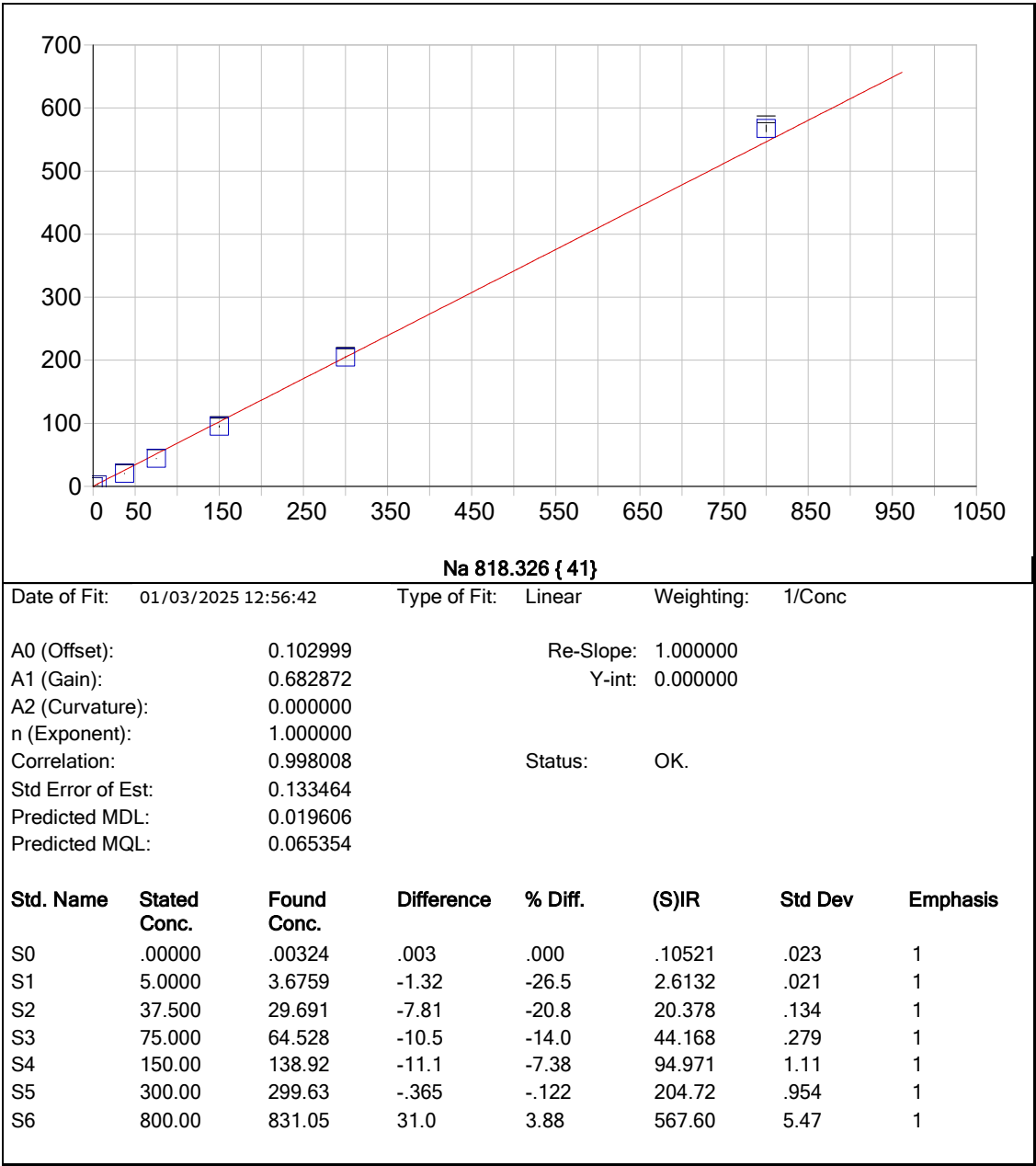


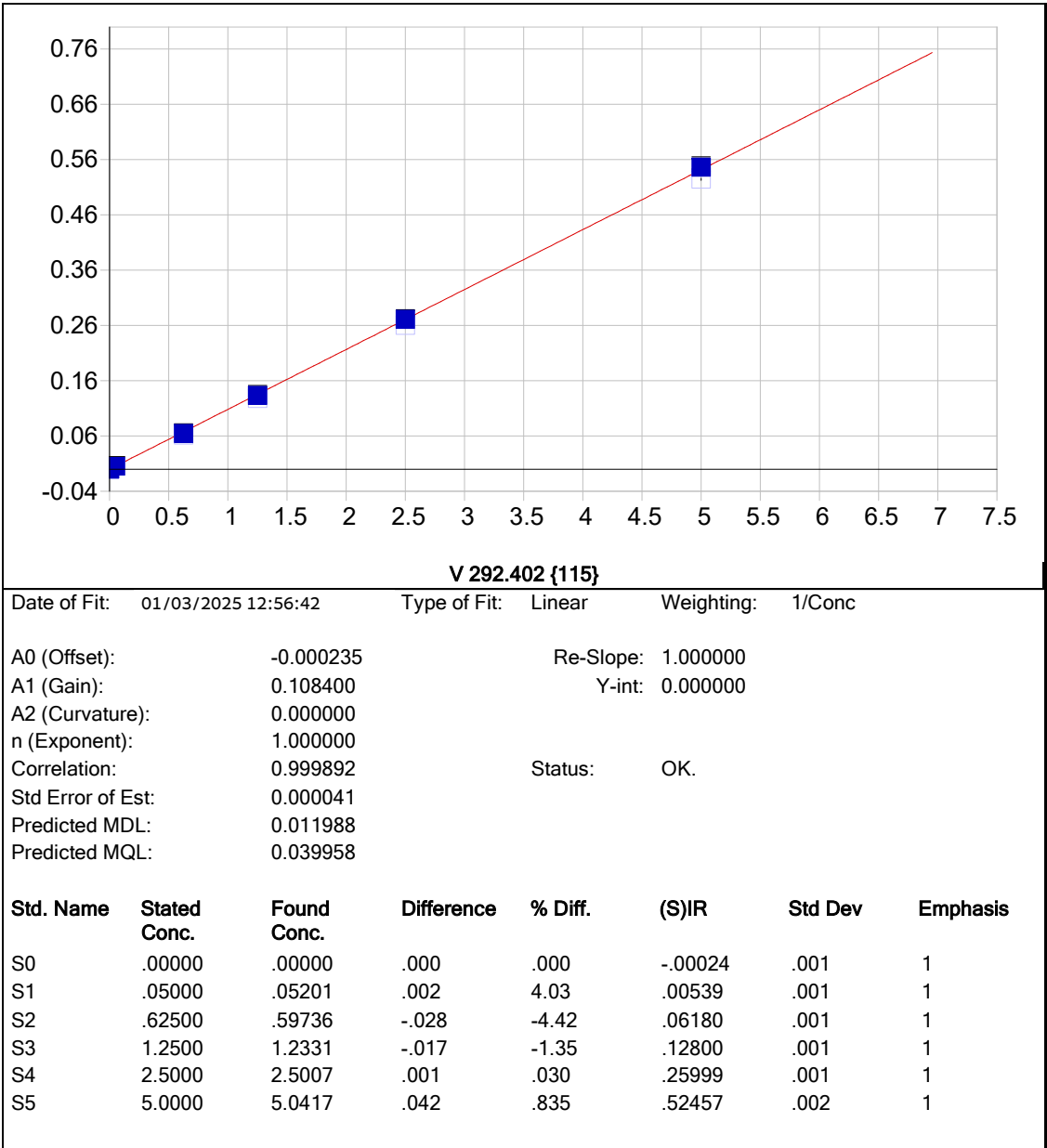


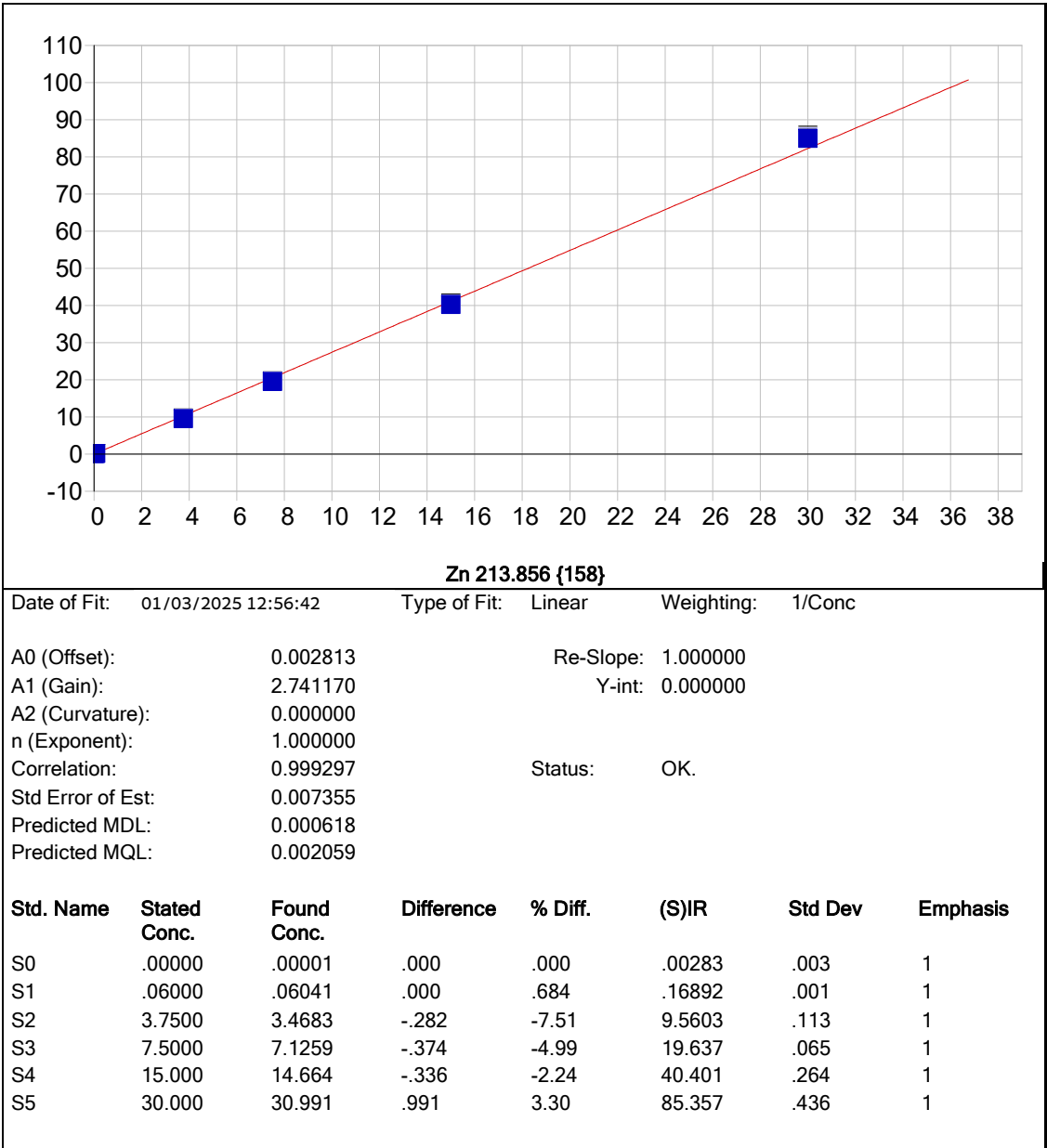


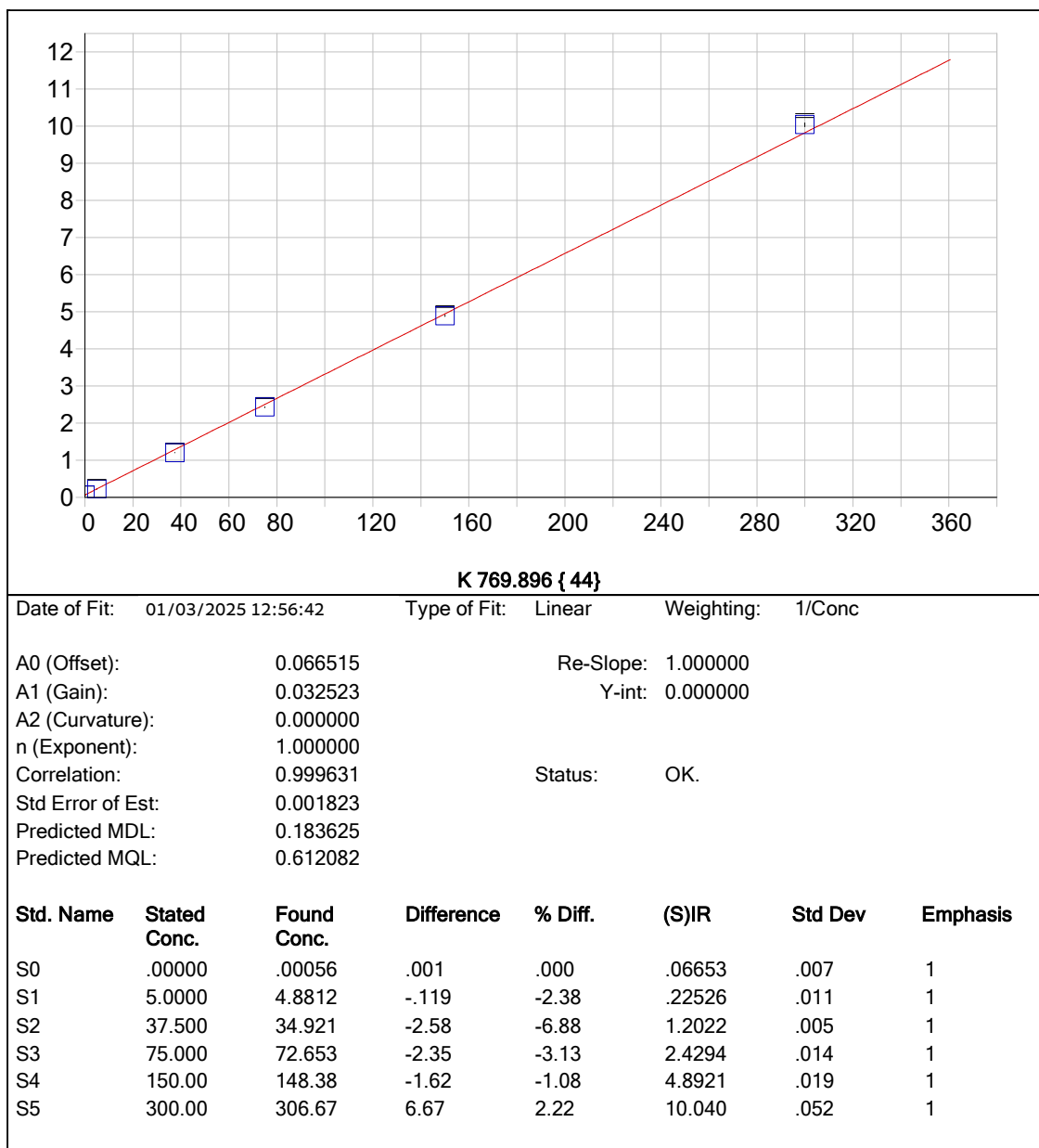


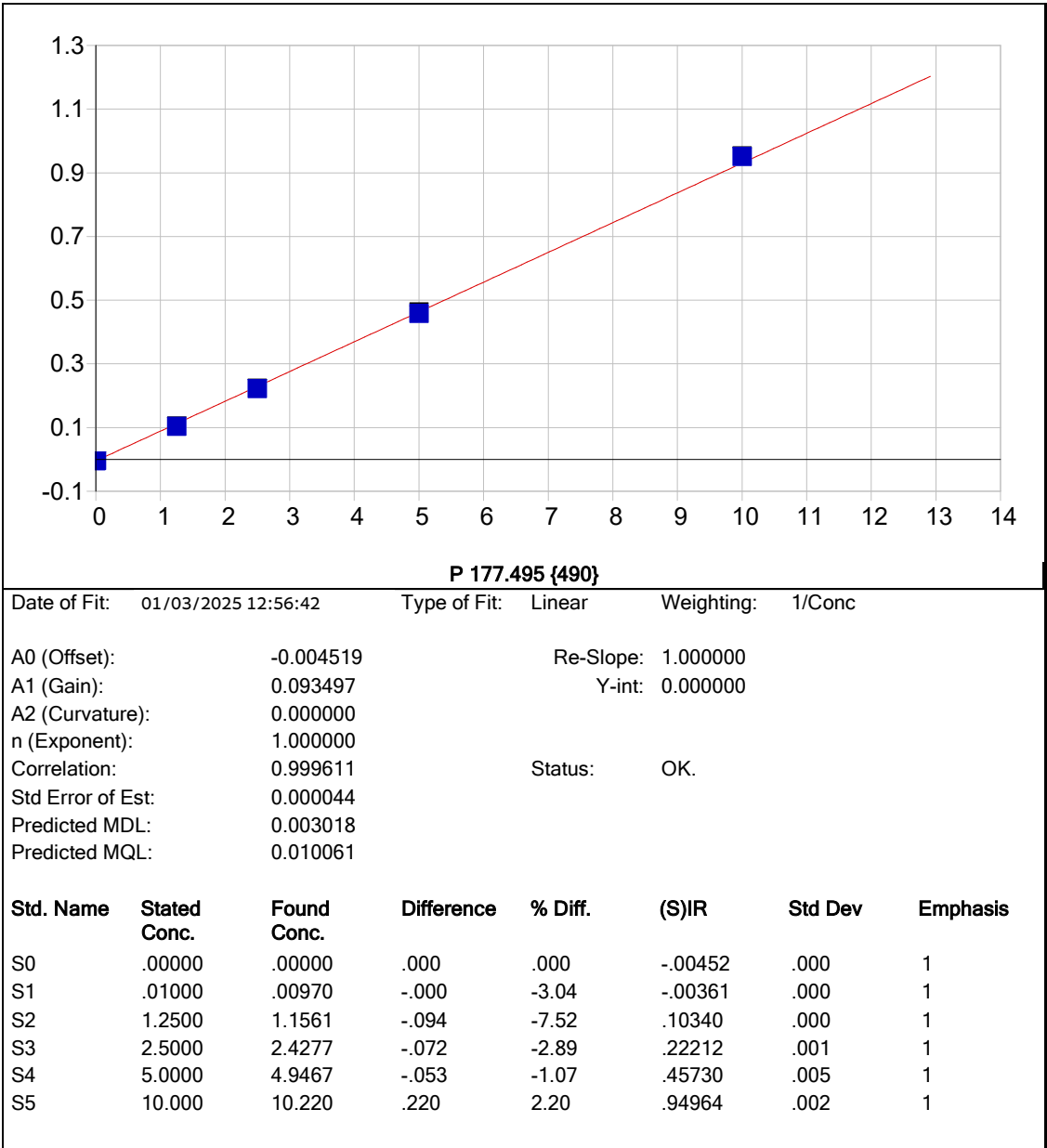


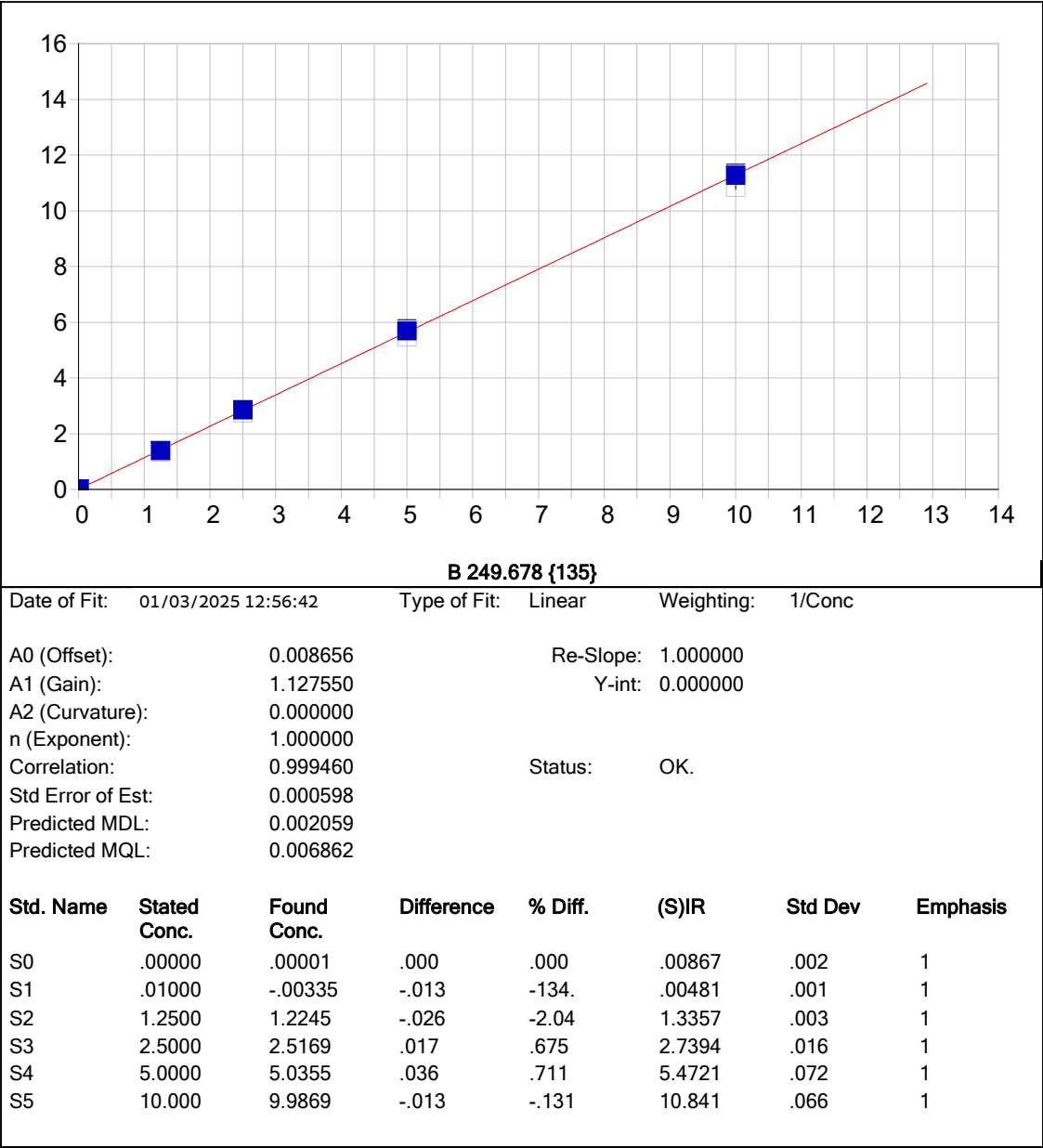


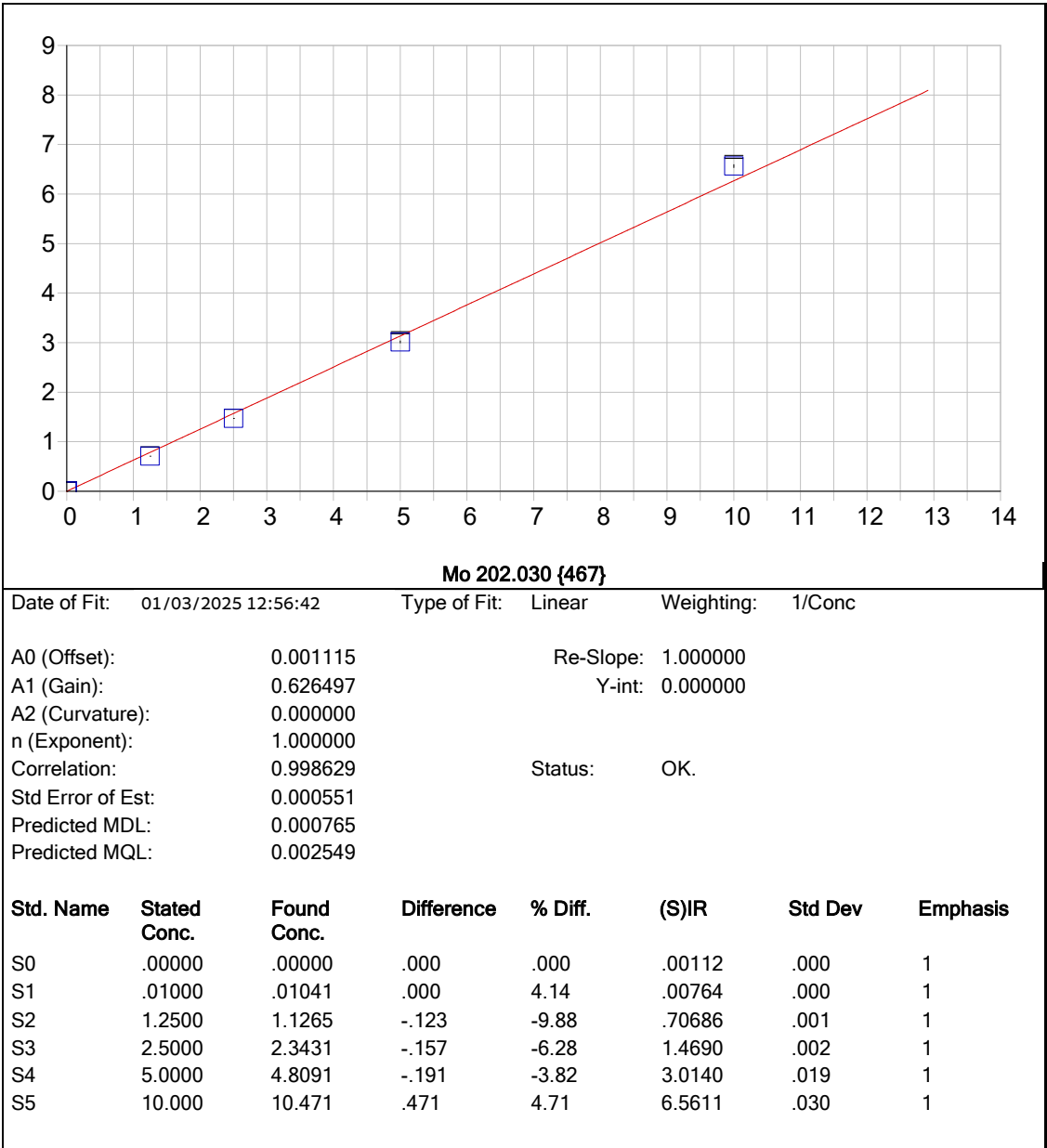




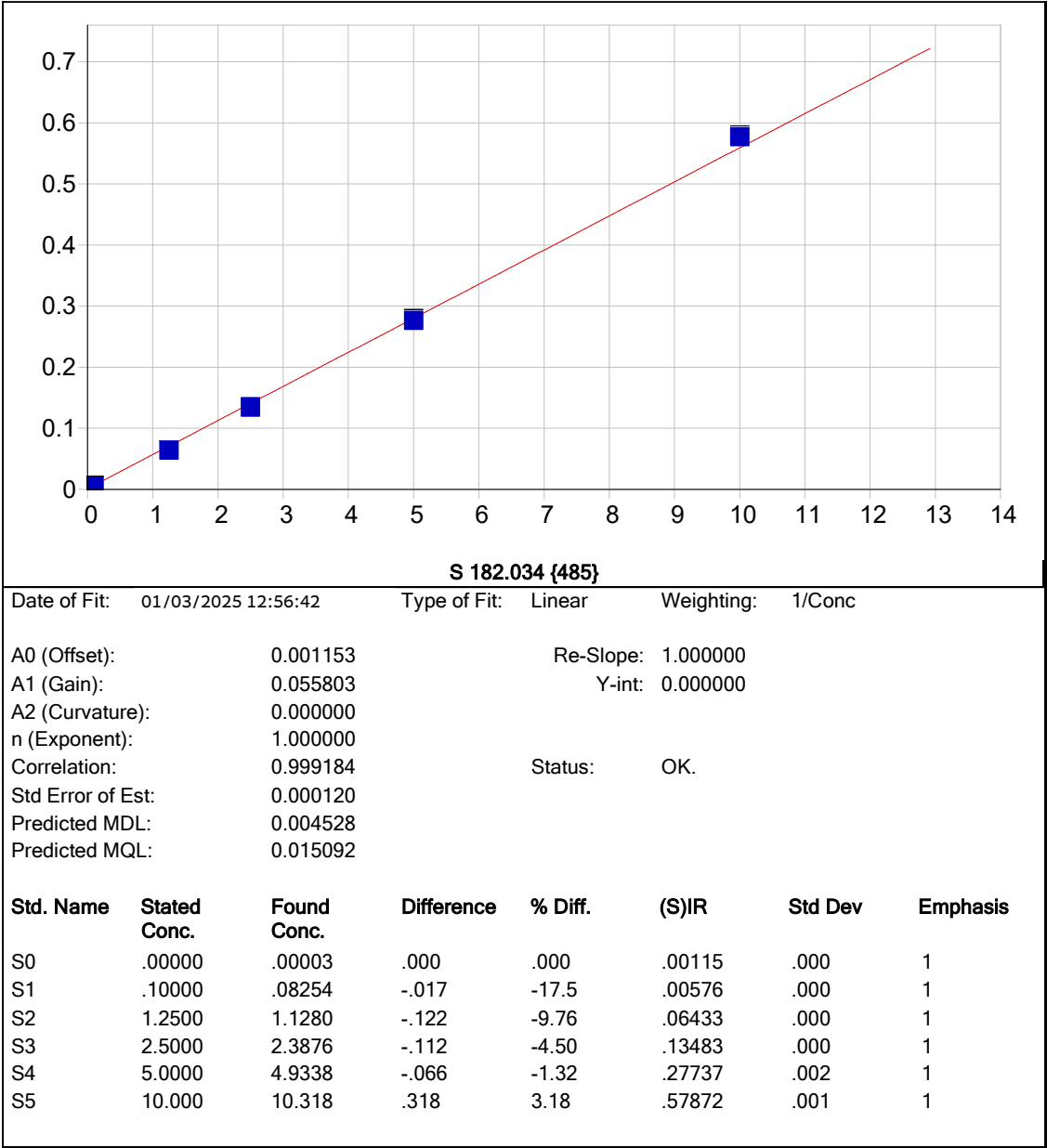


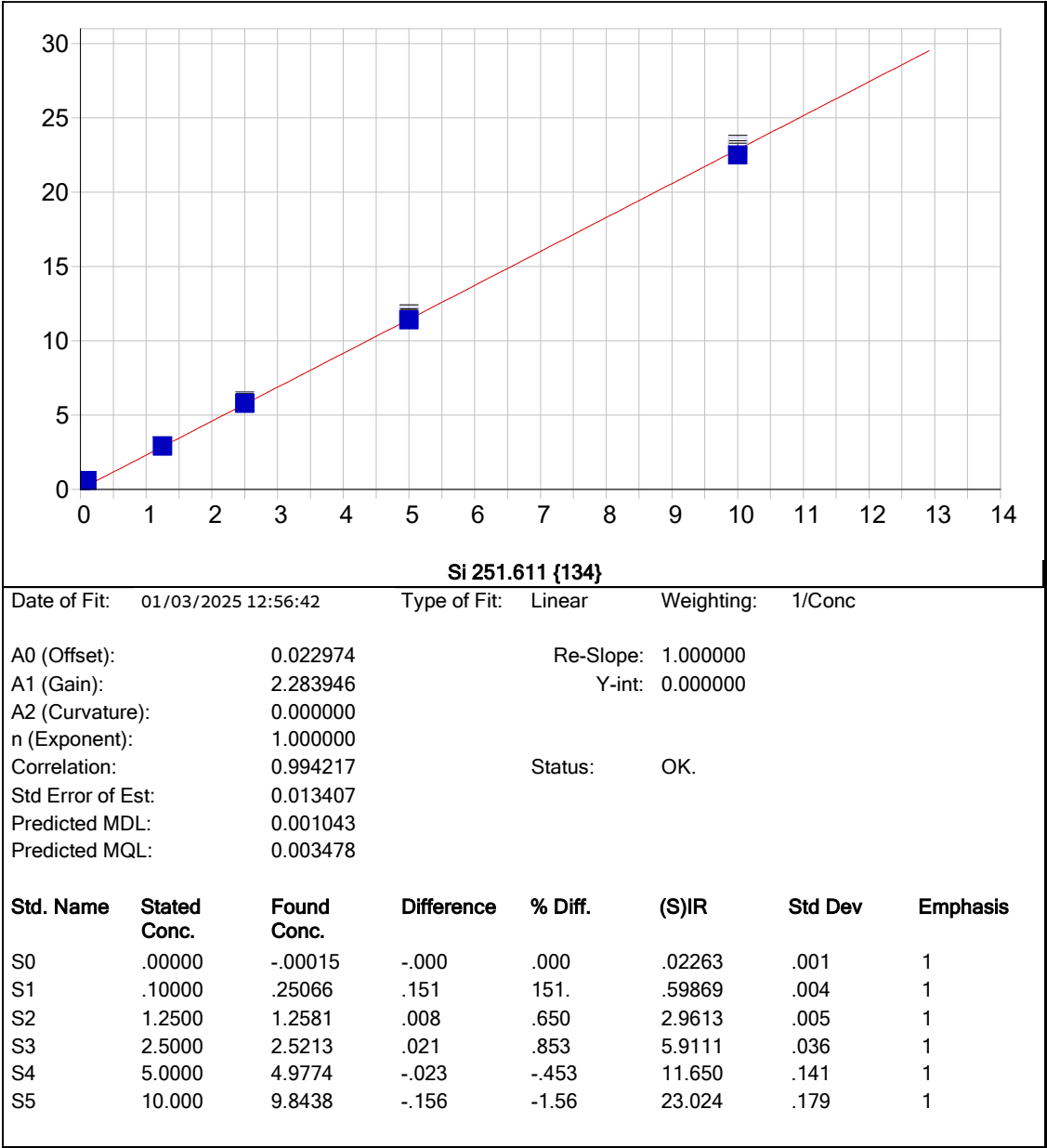


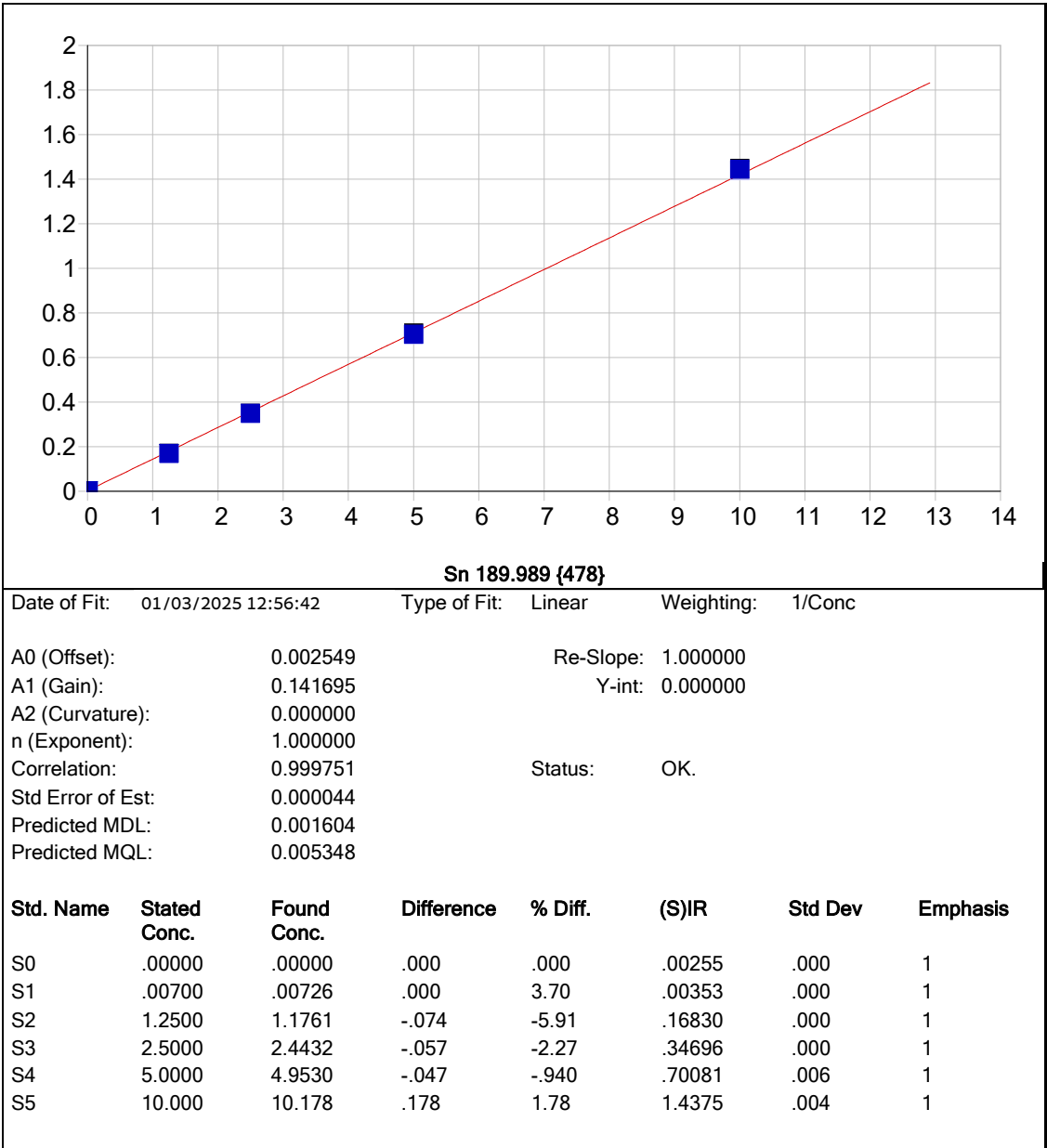


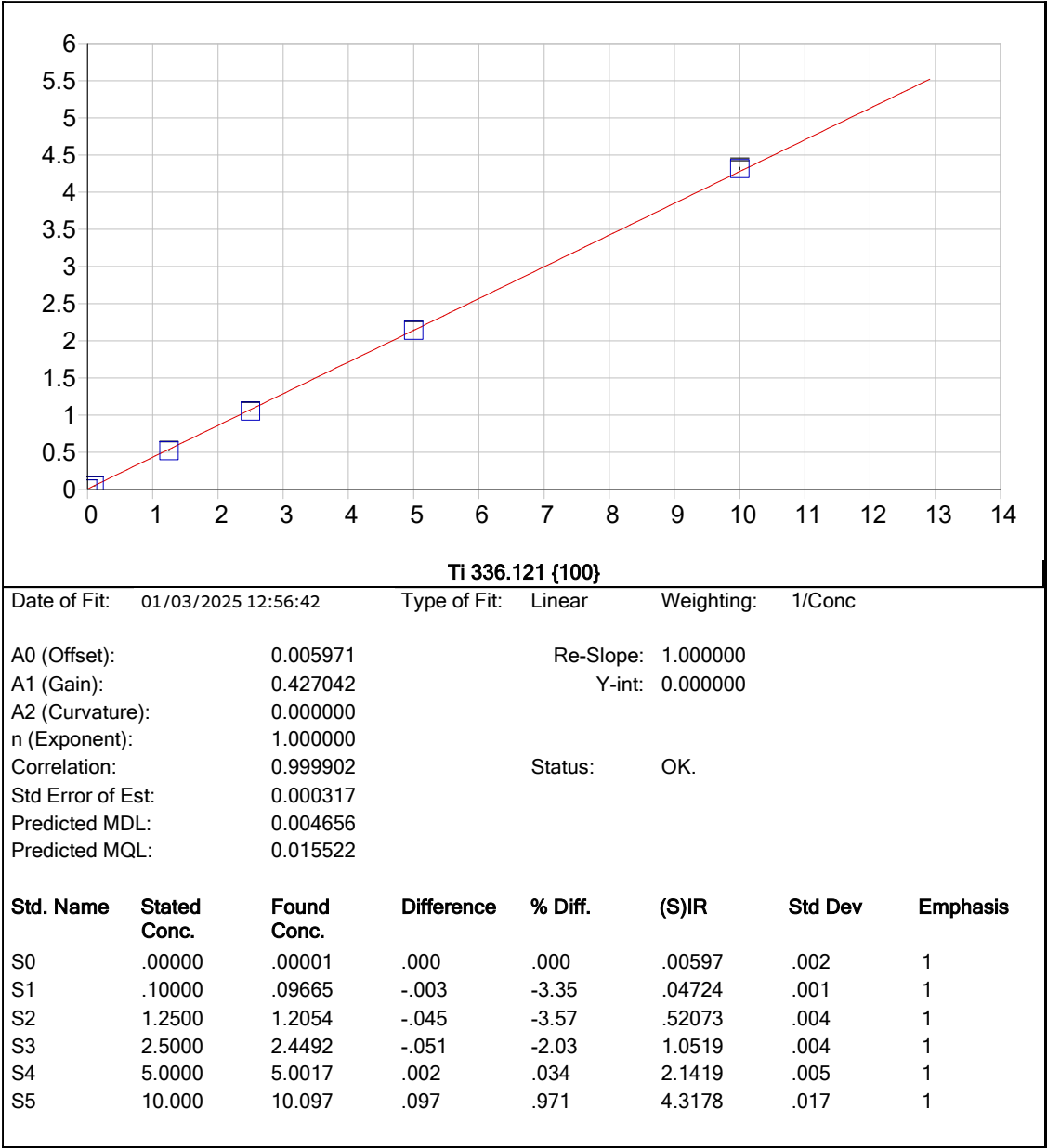


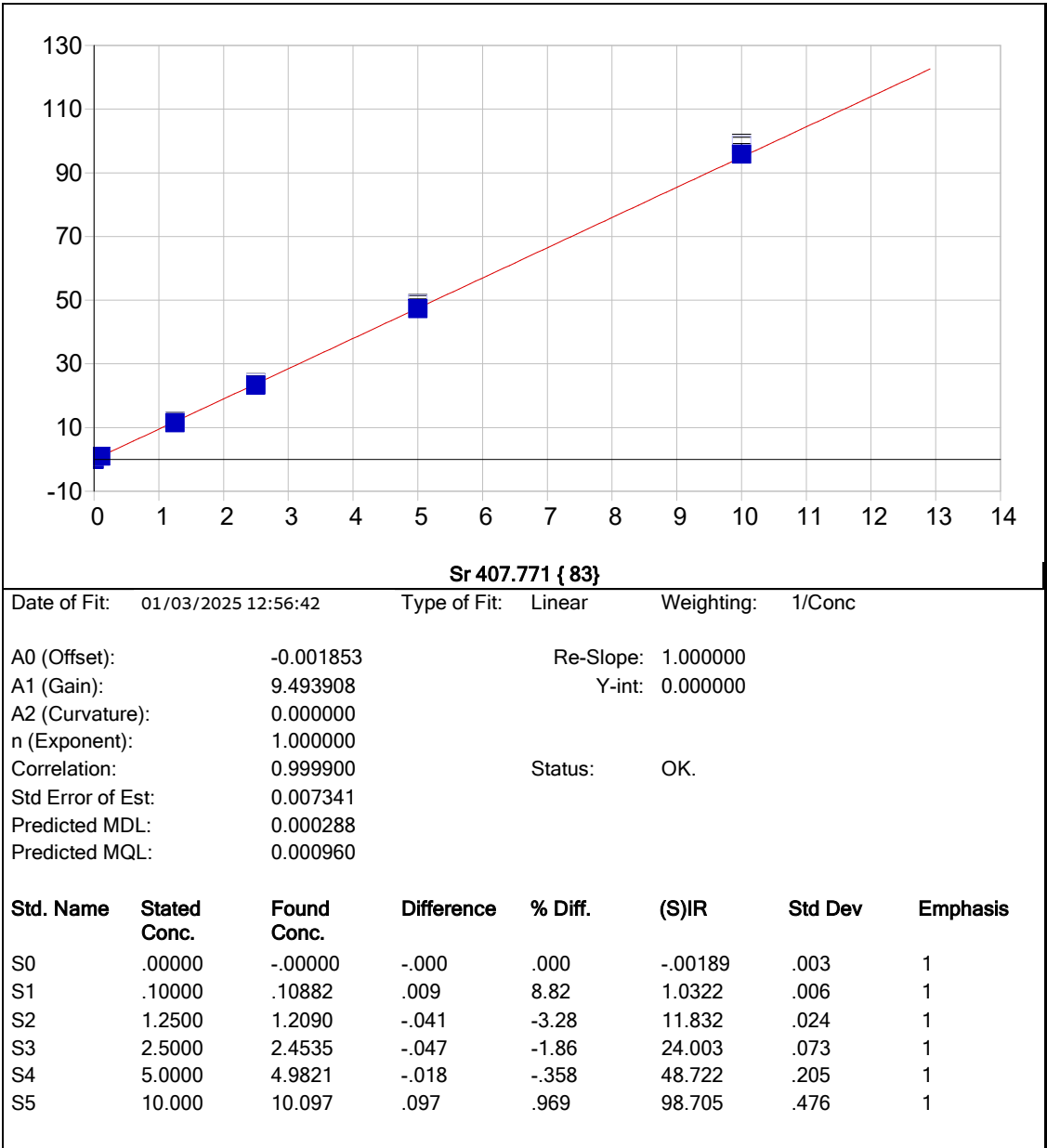


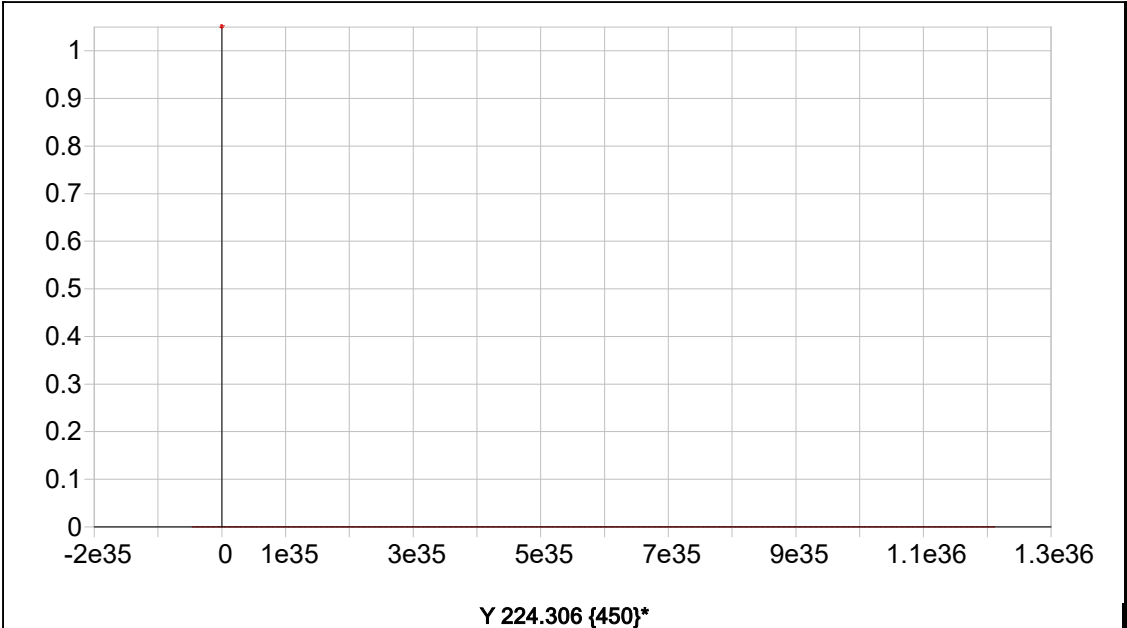








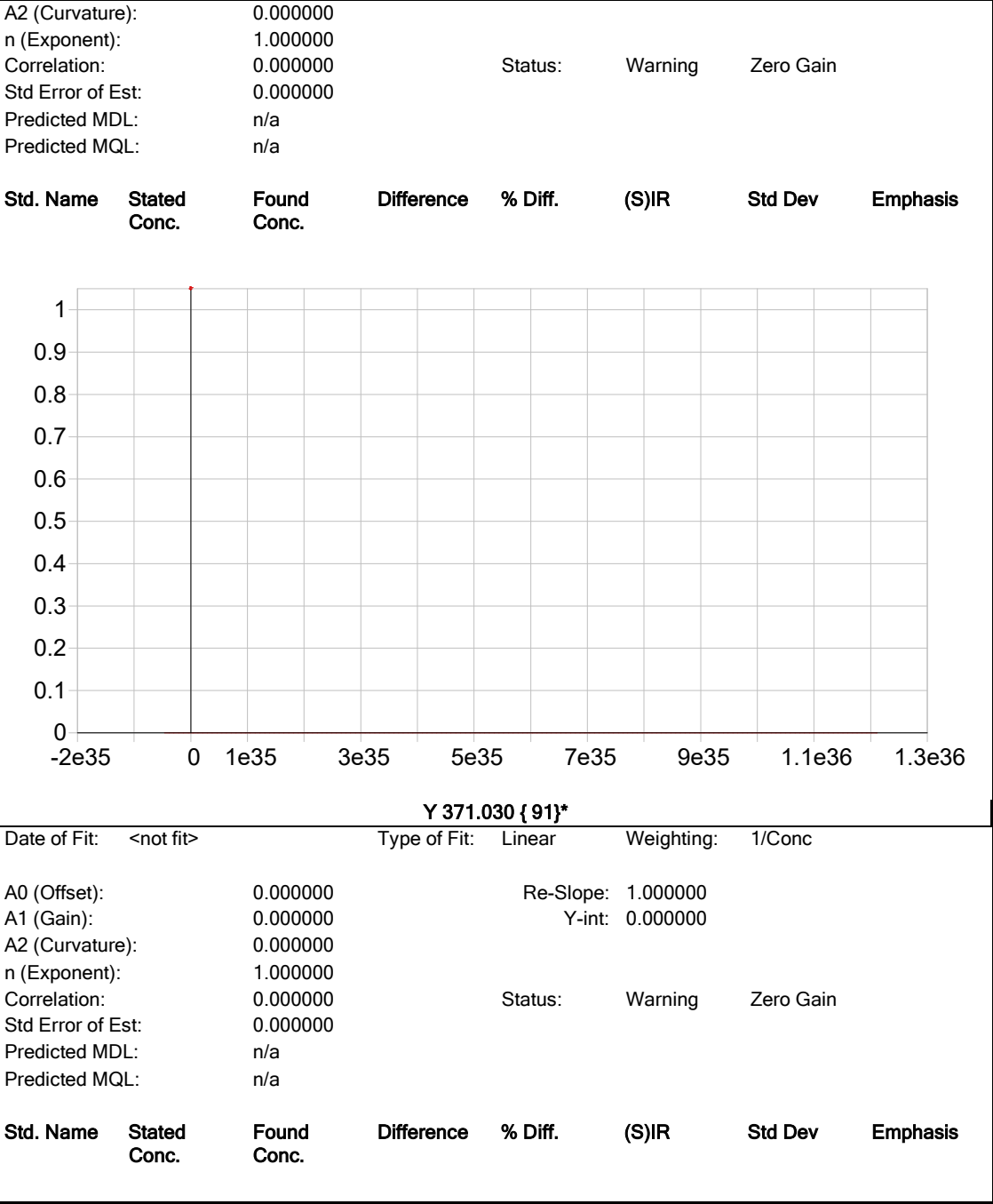




|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

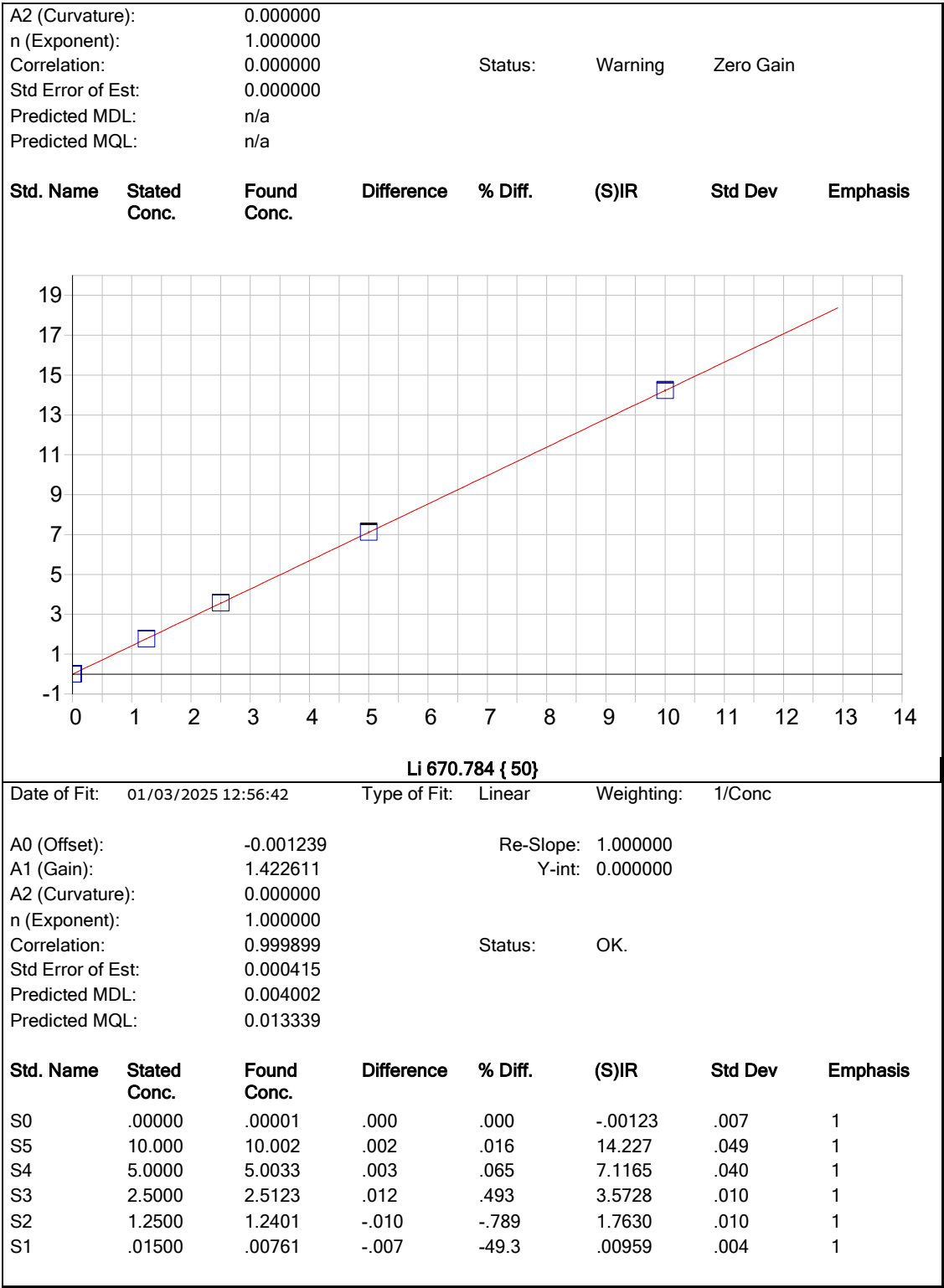
| Std. Name                                                                            | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|--------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
|  |              |             |            |         |       |         |          |
| Y 360.073 { 94}*                                                                     |              |             |            |         |       |         |          |

|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| 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: MBHKX5A      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 |



Sample Name: P5126-08      Acquired: 01/03/2025 19:31:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3148031 | -.010936 | 11.46569 | .0912461 | .0457756 | 65.88404 |
| Stddev | .0098325 | .002369  | .01732   | .0034966 | .0002714 | .31288   |
| %RSD   | 3.123368 | 21.66543 | .1510359 | 3.832094 | .5929534 | .4748938 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3251497 | -.008971 | 11.47871 | .0950862 | .0459804 | 65.64287 |
| #2 | .3136779 | -.010269 | 11.47232 | .0904063 | .0454677 | 66.23759 |
| #3 | .3055816 | -.013567 | 11.44604 | .0882459 | .0458786 | 65.77168 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.959841 | .0074221 | .0132880 | 395.9940 | .1906727 | .1589280 |
| Stddev | .017382  | .0002126 | .0000311 | 1.0881   | .0016124 | .0001226 |
| %RSD   | .3504498 | 2.864710 | .2343456 | .2747709 | .8456605 | .0771453 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.975290 | .0074201 | .0133162 | 396.2650 | .1891983 | .1590526 |
| #2 | 4.963212 | .0072106 | .0132931 | 396.9209 | .1923946 | .1589239 |
| #3 | 4.941021 | .0076358 | .0132546 | 394.7960 | .1904251 | .1588075 |

|        |           |          |          |          |          |          |
|--------|-----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247    | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8616319  | 206.9375 | 17.47669 | 45.21871 | .2645322 | -.007405 |
| Stddev | .01110234 | .7432    | .07463   | .21407   | .0014697 | .001188  |
| %RSD   | 1.279368  | .3591395 | .4270475 | .4734102 | .5556046 | 16.03907 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8726055 | 206.3511 | 17.46962 | 44.97707 | .2650556 | -.007973 |
| #2 | .8617311 | 207.7733 | 17.55461 | 45.38461 | .2656687 | -.008202 |
| #3 | .8505593 | 206.6882 | 17.40585 | 45.29446 | .2628724 | -.006040 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8716744 | .2266496 | 5.277286 | 12.22598 | F 17.47592 | -.411085 |
| Stddev | .0073601 | .0146150 | .007891  | .25305   | .04008     | .004646  |
| %RSD   | .8443583 | 6.448268 | .1495249 | 2.069755 | .2293589   | 1.130186 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8792829 | .2370841 | 5.268467 | 12.45802 | 17.46783 | -.416284 |
| #2 | .8645909 | .2099459 | 5.283681 | 11.95617 | 17.51942 | -.407341 |
| #3 | .8711493 | .2329187 | 5.279709 | 12.26376 | 17.44049 | -.409628 |

Sample Name: P5126-08      Acquired: 01/03/2025 19:31:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141671 | 5.466608 | 4.699641 | .3548262 | .9326194 | .3419938 |
| Stddev | .0002854 | .010739  | .024777  | .0013590 | .0060512 | .0017708 |
| %RSD   | 2.014432 | .1964496 | .5272121 | .3830148 | .6488355 | .5177791 |
| #1     | .0141481 | 5.474458 | 4.724772 | .3550169 | .9266379 | .3407846 |
| #2     | .0144615 | 5.470996 | 4.698915 | .3560798 | .9387379 | .3440263 |
| #3     | .0138917 | 5.454369 | 4.675234 | .3533819 | .9324824 | .3411705 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0853967 |
| Stddev | .0008676 |
| %RSD   | 1.015923 |
| #1     | .0859107 |
| #2     | .0858845 |
| #3     | .0843951 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2139.519 | 21867.80 | 2166.878 | 1606.959 | 1846.842 |
| Stddev    | 1.813    | 61.14    | 4.434    | 6.590    | .220     |
| %RSD      | .0847372 | .2795794 | .2046080 | .4100815 | .0119282 |
| #1        | 2141.590 | 21918.54 | 2161.877 | 1614.413 | 1847.049 |
| #2        | 2138.753 | 21799.92 | 2168.428 | 1604.553 | 1846.611 |
| #3        | 2138.215 | 21884.92 | 2170.327 | 1601.909 | 1846.867 |

Sample Name: P5126-09      Acquired: 01/03/2025 19:35:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3532392 | -.020362 | 8.231576 | .0929794 | .0465412   | 67.22282 |
| Stddev | .0043891 | .004285  | .011326  | .0039131 | .0026631   | .07595   |
| %RSD   | 1.242533 | 21.04223 | .1375918 | 4.208595 | 5.721951   | .1129833 |
| #1     | .3509657 | -.017563 | 8.234853 | .0937650 | .0493417   | 67.14057 |
| #2     | .3582987 | -.018230 | 8.218973 | .0887330 | .0462409   | 67.23759 |
| #3     | .3504533 | -.025295 | 8.240902 | .0964400 | .0440410   | 67.29030 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.757878 | .0074608 | .0138810 | 436.5313 | .1869201   | .1634158 |
| Stddev | .011813  | .0002852 | .0000245 | 1.3426   | .0008850   | .0006558 |
| %RSD   | .2482869 | 3.822846 | .1762122 | .3075535 | .4734794   | .4013287 |
| #1     | 4.749931 | .0077724 | .0139022 | 435.3199 | .1876271   | .1626601 |
| #2     | 4.752249 | .0072127 | .0138542 | 436.2992 | .1872058   | .1637500 |
| #3     | 4.771453 | .0073972 | .0138866 | 437.9748 | .1859276   | .1638371 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.203949 | 215.7226 | 17.18202 | 45.64861 | .2699707   | -.009285 |
| Stddev | .001959  | .6388    | .04162   | .22627   | .0027387   | .001441  |
| %RSD   | .1627315 | .2961347 | .2422368 | .4956676 | 1.014452   | 15.51509 |
| #1     | 1.205741 | 215.1601 | 17.14410 | 45.42667 | .2704233   | -.008089 |
| #2     | 1.204248 | 215.5906 | 17.17541 | 45.64022 | .2670339   | -.010884 |
| #3     | 1.201857 | 216.4171 | 17.22655 | 45.87896 | .2724550   | -.008882 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9499926 | .2233738 | 5.035504 | 10.95891 | F 14.33752 | -.433531 |
| Stddev | .0191356 | .0131338 | .016709  | .07261   | .02865     | .003244  |
| %RSD   | 2.014291 | 5.879727 | .3318306 | .6625376 | .1998405   | .7482487 |
| #1     | .9719148 | .2289616 | 5.018453 | 10.99245 | 14.36774   | -.432154 |
| #2     | .9414264 | .2083701 | 5.036209 | 11.00869 | 14.31075   | -.431203 |
| #3     | .9366366 | .2327896 | 5.051849 | 10.87560 | 14.33407   | -.437236 |

Sample Name: P5126-09      Acquired: 01/03/2025 19:35:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0137338 | 4.112936 | 5.322613 | .2188520 | .8991224 | .3850480 |
| Stddev | .0007908 | .009748  | .020849  | .0021423 | .0019670 | .0007755 |
| %RSD   | 5.758123 | .2370190 | .3917077 | .9788837 | .2187723 | .2013934 |
| #1     | .0131565 | 4.123777 | 5.345339 | .2190524 | .8973115 | .3848239 |
| #2     | .0146352 | 4.104890 | 5.304370 | .2208871 | .8988404 | .3844093 |
| #3     | .0134098 | 4.110142 | 5.318132 | .2166166 | .9012151 | .3859109 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0906878 |
| Stddev | .0046119 |
| %RSD   | 5.085481 |
| #1     | .0952078 |
| #2     | .0859891 |
| #3     | .0908666 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2114.768 | 21735.21 | 2166.303 | 1598.459 | 1840.246 |
| Stddev    | .771     | 21.34    | 7.843    | 3.548    | 2.588    |
| %RSD      | .0364725 | .0981795 | .3620264 | .2219855 | .1406229 |
| #1        | 2115.590 | 21739.37 | 2158.162 | 1600.964 | 1842.192 |
| #2        | 2114.652 | 21712.10 | 2173.809 | 1600.015 | 1841.237 |
| #3        | 2114.061 | 21754.17 | 2166.937 | 1594.398 | 1837.309 |

Sample Name: P5126-10      Acquired: 01/03/2025 19:38:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0676373 | .0064586 | 1.965114 | .0196543 | .0279439 | 34.73714 | .5889294 |
| Stddev | .0076102 | .0029790 | .001450  | .0038979 | .0056140 | .32495   | .0059252 |
| %RSD   | 11.25154 | 46.12481 | .0737908 | 19.83246 | 20.09027 | .9354528 | 1.006103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0720961 | .0092755 | 1.964617 | .0238270 | .0239054 | 34.82560 | .5922966 |
| #2 | .0588501 | .0033404 | 1.963978 | .0161066 | .0343546 | 35.00870 | .5924038 |
| #3 | .0719658 | .0067601 | 1.966747 | .0190294 | .0255716 | 34.37712 | .5820878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039279 | .0163357 | 676.9417 | .2266446 | .0849947 | .2745682 | 117.0210 |
| Stddev | .0001252 | .0001788 | 6.5835   | .0018460 | .0001120 | .0095818 | 1.2361   |
| %RSD   | 3.188086 | 1.094697 | .9725344 | .8144955 | .1317100 | 3.489777 | 1.056286 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039936 | .0162290 | 678.8471 | .2279287 | .0850506 | .2812374 | 117.3151 |
| #2 | .0040066 | .0165422 | 682.3623 | .2245291 | .0850677 | .2635882 | 118.0835 |
| #3 | .0037835 | .0162360 | 669.6156 | .2274761 | .0848658 | .2788789 | 115.6644 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.322934 | 346.4269 | .1606434 | -.005381 | 1.453789 | .1351311 | 2.845066 |
| Stddev | .049990  | 3.0719   | .0013088 | .001015  | .011899  | .0162315 | .019392  |
| %RSD   | .9391493 | .8867303 | .8147382 | 18.86236 | .8184560 | 12.01167 | .6815931 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.346972 | 347.4979 | .1605547 | -.005395 | 1.441902 | .1483651 | 2.854878 |
| #2 | 5.356364 | 348.8199 | .1619944 | -.004359 | 1.465700 | .1170203 | 2.822729 |
| #3 | 5.265465 | 342.9629 | .1593812 | -.006389 | 1.453766 | .1400079 | 2.857591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.905257 | 9.294927 | -.207650 | .0102698 | 9.264105 | 3.670527 | .0578213 |
| Stddev | .267081  | .016535  | .003032  | .0003102 | .018748  | .018855  | .0024801 |
| %RSD   | 6.839011 | .1778914 | 1.460222 | 3.020468 | .2023747 | .5136798 | 4.289299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.830206 | 9.313600 | -.210842 | .0106227 | 9.269038 | 3.689458 | .0597019 |
| #2 | 4.201835 | 9.282143 | -.204807 | .0101468 | 9.279893 | 3.670375 | .0550106 |
| #3 | 3.683731 | 9.289038 | -.207302 | .0100400 | 9.243383 | 3.651749 | .0587514 |

Sample Name: P5126-10      Acquired: 01/03/2025 19:38:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5612697 | .2319926 | .0468865 |
| Stddev | .0122513 | .0021238 | .0034383 |
| %RSD   | 2.182791 | .9154385 | 7.333264 |
| #1     | .5625328 | .2314816 | .0432832 |
| #2     | .5728406 | .2343253 | .0501319 |
| #3     | .5484357 | .2301710 | .0472444 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1813.510 | 18778.62 | 1887.192 | 1362.160 | 1693.705 |
| Stddev    | 2.026    | 52.00    | 17.187   | 4.321    | 3.731    |
| %RSD      | .1117220 | .2769171 | .9107029 | .3172189 | .2202723 |
| #1        | 1815.327 | 18727.76 | 1876.824 | 1357.603 | 1694.602 |
| #2        | 1811.325 | 18776.41 | 1877.721 | 1366.198 | 1689.607 |
| #3        | 1813.879 | 18831.69 | 1907.031 | 1362.680 | 1696.905 |

Sample Name: P5126-11      Acquired: 01/03/2025 19:42:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0988285 | -.006948 | 2.488129 | .0497294 | .0452866 | 50.36180 |
| Stddev | .0068187 | .004807  | .006801  | .0101836 | .0031997 | .11807   |
| %RSD   | 6.899557 | 69.18829 | .2733522 | 20.47794 | 7.065506 | .2344533 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0992198 | -.001405 | 2.495119 | .0436748 | .0434197 | 50.49024 |
| #2 | .1054432 | -.009981 | 2.487733 | .0440269 | .0489813 | 50.33719 |
| #3 | .0918226 | -.009457 | 2.481534 | .0614866 | .0434589 | 50.25798 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9636194 | .0054526 | .0195412 | 553.6206 | .3864508 | .1043953 |
| Stddev | .0043568 | .0001457 | .0000861 | 3.3374   | .0005665 | .0008711 |
| %RSD   | .4521262 | 2.672129 | .4407709 | .6028260 | .1465914 | .8344607 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9658170 | .0054726 | .0194612 | 555.7021 | .3862369 | .1035607 |
| #2 | .9664397 | .0052979 | .0196324 | 555.3885 | .3860225 | .1043264 |
| #3 | .9586015 | .0055872 | .0195300 | 549.7712 | .3870932 | .1052988 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3697956 | 159.3140 | 6.862706 | 286.7733 | .2326522 | -.009343 |
| Stddev | .0101560 | .5459    | .039399  | 1.2653   | .0014978 | .002307  |
| %RSD   | 2.746371 | .3426642 | .5741027 | .4412119 | .6438018 | 24.69403 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3792727 | 159.5687 | 6.884360 | 287.2070 | .2321098 | -.009981 |
| #2 | .3590752 | 159.6861 | 6.886528 | 287.7647 | .2343456 | -.006784 |
| #3 | .3710389 | 158.6873 | 6.817229 | 285.3482 | .2315011 | -.011264 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.120864 | .1555352 | 3.671621 | 5.024721 | F 12.06635 | -.308807 |
| Stddev | .011100  | .0149262 | .022976  | .239843  | .02147     | .009555  |
| %RSD   | .9902994 | 9.596655 | .6257854 | 4.773259 | .1779136   | 3.094108 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.130000 | .1634488 | 3.683415 | 4.748499 | 12.08965 | -.316779 |
| #2 | 1.108511 | .1383186 | 3.686307 | 5.180176 | 12.06201 | -.311426 |
| #3 | 1.124081 | .1648382 | 3.645143 | 5.145487 | 12.04738 | -.298215 |

Sample Name: P5126-11      Acquired: 01/03/2025 19:42:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149970 | 10.28478 | 4.809450 | .0911160 | .7798744 | .1861376 |
| Stddev | .0008155 | .03847   | .052663  | .0024661 | .0088579 | .0013019 |
| %RSD   | 5.437553 | .3740640 | 1.094982 | 2.706587 | 1.135804 | .6994012 |
| #1     | .0147366 | 10.30888 | 4.847404 | .0889195 | .7871839 | .1871844 |
| #2     | .0159108 | 10.30504 | 4.831619 | .0937837 | .7824156 | .1865486 |
| #3     | .0143435 | 10.24041 | 4.749327 | .0906449 | .7700237 | .1846799 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0692538 |
| Stddev | .0038819 |
| %RSD   | 5.605268 |
| #1     | .0649718 |
| #2     | .0702470 |
| #3     | .0725426 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1848.564 | 19264.95 | 1918.847 | 1401.869 | 1697.541 |
| Stddev    | .940     | 13.27    | 24.587   | 7.223    | 2.207    |
| %RSD      | .0508583 | .0688818 | 1.281363 | .5152597 | .1300109 |
| #1        | 1849.257 | 19251.05 | 1904.018 | 1398.288 | 1695.223 |
| #2        | 1847.494 | 19277.48 | 1905.294 | 1397.137 | 1699.617 |
| #3        | 1848.941 | 19266.31 | 1947.228 | 1410.183 | 1697.782 |



Sample Name: P5126-12      Acquired: 01/03/2025 19:46:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1145384 | -.012466 | 2.994337 | .0598399 | .0435281 | 47.72729 |
| Stddev | .0049045 | .001891  | .004091  | .0087330 | .0051041 | .25786   |
| %RSD   | 4.281923 | 15.16499 | .1366333 | 14.59394 | 11.72598 | .5402738 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1095009 | -.010489 | 2.998901 | .0647798 | .0488397 | 47.61671 |
| #2 | .1192980 | -.014256 | 2.993111 | .0497566 | .0386606 | 47.54316 |
| #3 | .1148164 | -.012654 | 2.990998 | .0649834 | .0430840 | 48.02199 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8842836 | .0063763 | .0180925 | 478.5755 | .1985855 | .0998964 |
| Stddev | .0032161 | .0000767 | .0000320 | 1.5116   | .0004793 | .0003726 |
| %RSD   | .3636984 | 1.202653 | .1770290 | .3158617 | .2413699 | .3729782 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8877686 | .0063846 | .0181253 | 477.6546 | .1982075 | .0995878 |
| #2 | .8814300 | .0062958 | .0180911 | 477.7519 | .1991246 | .1003103 |
| #3 | .8836522 | .0064485 | .0180613 | 480.3201 | .1984244 | .0997910 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4346327 | 174.2389 | 6.579385 | 229.6043 | .2490490 | -.009720 |
| Stddev | .0056670 | .6327    | .041888  | 1.3999   | .0005533 | .000632  |
| %RSD   | 1.303867 | .3631078 | .6366563 | .6097072 | .2221867 | 6.506424 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4290255 | 173.8319 | 6.555145 | 228.6171 | .2496874 | -.009013 |
| #2 | .4403577 | 173.9170 | 6.555257 | 228.9894 | .2487531 | -.010231 |
| #3 | .4345148 | 174.9678 | 6.627753 | 231.2064 | .2487065 | -.009916 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.119385 | .1606493 | 4.227176 | 5.442648 | F 10.38159 | -.330694 |
| Stddev | .021332  | .0073861 | .023962  | .139710  | .00760     | .004119  |
| %RSD   | 1.905651 | 4.597629 | .5668589 | 2.566941 | .0732375   | 1.245431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.101232 | .1690569 | 4.223898 | 5.371237 | 10.38788 | -.326366 |
| #2 | 1.114043 | .1552052 | 4.205022 | 5.603630 | 10.38376 | -.331152 |
| #3 | 1.142880 | .1576859 | 4.252608 | 5.353078 | 10.37314 | -.334565 |

Sample Name: P5126-12      Acquired: 01/03/2025 19:46:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147780 | 8.750338 | 4.454114 | .0996955 | .7449775 | .2117785 |
| Stddev | .0009887 | .026596  | .032729  | .0021954 | .0048585 | .0006100 |
| %RSD   | 6.690348 | .3039449 | .7347988 | 2.202074 | .6521652 | .2880524 |
| #1     | .0158805 | 8.777459 | 4.420402 | .1019244 | .7403185 | .2117933 |
| #2     | .0139699 | 8.749257 | 4.456176 | .0975353 | .7446005 | .2111611 |
| #3     | .0144838 | 8.724299 | 4.485762 | .0996267 | .7500135 | .2123809 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0681535 |
| Stddev | .0013379 |
| %RSD   | 1.962999 |
| #1     | .0696496 |
| #2     | .0677391 |
| #3     | .0670719 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1894.009 | 19575.24 | 1955.409 | 1426.112 | 1758.272 |
| Stddev    | 3.909    | 9.92     | 12.820   | 5.377    | 3.737    |
| %RSD      | .2063624 | .0506846 | .6555990 | .3770109 | .2125263 |
| #1        | 1898.485 | 19568.42 | 1967.411 | 1425.120 | 1762.576 |
| #2        | 1891.270 | 19586.62 | 1956.911 | 1431.916 | 1755.857 |
| #3        | 1892.271 | 19570.69 | 1941.904 | 1421.301 | 1756.382 |

Sample Name: P5126-13      Acquired: 01/03/2025 19:50:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2045530 | -.014430 | 2.184633 | .1111083 | .0436852   | 71.75269 |
| Stddev | .0075017 | .003386  | .009160  | .0003506 | .0003168   | .15360   |
| %RSD   | 3.667362 | 23.46642 | .4192856 | .3155511 | .7252464   | .2140756 |
| #1     | .2102399 | -.014492 | 2.174066 | .1114684 | .0440489   | 71.85860 |
| #2     | .1960509 | -.011014 | 2.189527 | .1110885 | .0434691   | 71.82294 |
| #3     | .2073682 | -.017785 | 2.190307 | .1107680 | .0435376   | 71.57652 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.642913 | .0072991 | .0076661 | 220.4744 | .1533445   | .1478147 |
| Stddev | .000585  | .0001436 | .0002305 | .5430    | .0015115   | .0007083 |
| %RSD   | .0356172 | 1.966956 | 3.006541 | .2463030 | .9857026   | .4791504 |
| #1     | 1.642898 | .0073295 | .0077080 | 220.4705 | .1525561   | .1485518 |
| #2     | 1.643506 | .0074250 | .0074176 | 221.0194 | .1523902   | .1471393 |
| #3     | 1.642336 | .0071428 | .0078728 | 219.9333 | .1550872   | .1477529 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5048733 | 217.3634 | 23.51210 | 31.01841 | .1909560   | -.009195 |
| Stddev | .0016797 | .4272    | .07765   | .17569   | .0007103   | .001551  |
| %RSD   | .3326897 | .1965472 | .3302406 | .5663928 | .3719766   | 16.86605 |
| #1     | .5039535 | 217.0424 | 23.50253 | 31.12281 | .1904948   | -.009345 |
| #2     | .5068119 | 217.8483 | 23.59409 | 31.11685 | .1905991   | -.007575 |
| #3     | .5038544 | 217.1995 | 23.43968 | 30.81558 | .1917739   | -.010666 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6758330 | .1959952 | 1.483779 | 9.248624 | F 12.24292 | -.464855 |
| Stddev | .0106549 | .0124036 | .009822  | .012418  | .03443     | .000453  |
| %RSD   | 1.576562 | 6.328513 | .6619698 | .1342685 | .2812614   | .0973649 |
| #1     | .6812417 | .1908014 | 1.481305 | 9.260341 | 12.20435   | -.464340 |
| #2     | .6635585 | .2101514 | 1.475431 | 9.235607 | 12.27055   | -.465035 |
| #3     | .6826987 | .1870328 | 1.494602 | 9.249924 | 12.25387   | -.465190 |

Sample Name: P5126-13      Acquired: 01/03/2025 19:50:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131673 | 3.238813 | 4.344290 | .1930161 | .8096846 | .1453083 |
| Stddev | .0004682 | .012715  | .010640  | .0020646 | .0055951 | .0004381 |
| %RSD   | 3.555706 | .3925740 | .2449215 | 1.069649 | .6910245 | .3014796 |
| #1     | .0135178 | 3.246493 | 4.350963 | .1909773 | .8034507 | .1456668 |
| #2     | .0126356 | 3.224137 | 4.349888 | .1951056 | .8142710 | .1448200 |
| #3     | .0133485 | 3.245809 | 4.332020 | .1929653 | .8113321 | .1454381 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0779771 |
| Stddev | .0018761 |
| %RSD   | 2.405924 |
| #1     | .0763750 |
| #2     | .0775153 |
| #3     | .0800409 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2235.913 | 23115.31 | 2247.331 | 1697.559 | 1898.503 |
| Stddev    | 9.340    | 121.67   | 12.765   | 7.041    | 6.424    |
| %RSD      | .4177280 | .5263419 | .5680040 | .4147788 | .3383754 |
| #1        | 2234.396 | 23223.19 | 2251.598 | 1705.418 | 1900.198 |
| #2        | 2245.918 | 22983.43 | 2232.978 | 1695.435 | 1903.910 |
| #3        | 2227.424 | 23139.31 | 2257.415 | 1691.825 | 1891.402 |

Sample Name: P5126-14      Acquired: 01/03/2025 19:53:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2232329 | -.019156 | 2.766645 | .1123153 | .0501820 | 75.65609 |
| Stddev | .0070098 | .002013  | .006701  | .0054527 | .0004357 | .51240   |
| %RSD   | 3.140138 | 10.50819 | .2422001 | 4.854816 | .8681954 | .6772727 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2278575 | -.016968 | 2.760077 | .1111580 | .0501990 | 75.07514 |
| #2 | .2266737 | -.019571 | 2.766385 | .1182537 | .0506089 | 75.84950 |
| #3 | .2151676 | -.020929 | 2.773471 | .1075341 | .0497381 | 76.04363 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.119817 | .0078801 | .0093637 | 357.6657 | .1934110 | .1582029 |
| Stddev | .012088  | .0002820 | .0000751 | 1.7671   | .0010737 | .0009834 |
| %RSD   | .5702184 | 3.578418 | .8023618 | .4940697 | .5551459 | .6215744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.110012 | .0077949 | .0092771 | 355.8733 | .1933464 | .1575802 |
| #2 | 2.116118 | .0076506 | .0094025 | 357.7172 | .1945155 | .1593365 |
| #3 | 2.133322 | .0081949 | .0094115 | 359.4064 | .1923710 | .1576919 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6414039 | 235.2366 | 23.00920 | 42.09372 | .2316838 | -.013449 |
| Stddev | .0085159 | 1.6681   | .15687   | .39143   | .0012205 | .000853  |
| %RSD   | 1.327698 | .7091176 | .6817578 | .9298966 | .5268035 | 6.344815 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6322996 | 233.5744 | 22.85185 | 41.85609 | .2303001 | -.014407 |
| #2 | .6427382 | 235.2249 | 23.01018 | 41.87958 | .2326075 | -.013169 |
| #3 | .6491738 | 236.9106 | 23.16558 | 42.54550 | .2321438 | -.012771 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8431898 | .1923102 | 2.020334 | 10.14348 | F 12.98600 | -.466177 |
| Stddev | .0131320 | .0036763 | .000416  | .04251   | .02733     | .005438  |
| %RSD   | 1.557416 | 1.911664 | .0205923 | .4191297 | .2104261   | 1.166600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8418970 | .1950338 | 2.020463 | 10.11871 | 12.96127 | -.459916 |
| #2 | .8307521 | .1937684 | 2.020671 | 10.11915 | 12.98138 | -.468886 |
| #3 | .8569204 | .1881285 | 2.019869 | 10.19257 | 13.01534 | -.469729 |

Sample Name: P5126-14      Acquired: 01/03/2025 19:53:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136745 | 4.172048 | 5.296646 | .1794179 | .8571466 | .3206353 |
| Stddev | .0003500 | .012213  | .058676  | .0009757 | .0028464 | .0022877 |
| %RSD   | 2.559156 | .2927374 | 1.107790 | .5438057 | .3320737 | .7134808 |
| #1     | .0138884 | 4.157951 | 5.229165 | .1783858 | .8541406 | .3180413 |
| #2     | .0132707 | 4.179430 | 5.325128 | .1795429 | .8598005 | .3215000 |
| #3     | .0138645 | 4.178764 | 5.335643 | .1803252 | .8574988 | .3223646 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0928467 |
| Stddev | .0017024 |
| %RSD   | 1.833579 |
| #1     | .0925280 |
| #2     | .0946859 |
| #3     | .0913261 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2209.945 | 22818.58 | 2234.893 | 1669.169 | 1821.020 |
| Stddev    | 1.296    | 29.35    | 17.601   | 4.889    | 2.839    |
| %RSD      | .0586428 | .1286446 | .7875466 | .2928731 | .1558961 |
| #1        | 2210.610 | 22800.52 | 2255.216 | 1663.536 | 1824.299 |
| #2        | 2208.452 | 22802.77 | 2224.836 | 1671.672 | 1819.373 |
| #3        | 2210.774 | 22852.45 | 2224.626 | 1672.300 | 1819.389 |

Sample Name: P5126-15      Acquired: 01/03/2025 19:57:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1491596 | -.018991 | 3.712530 | .0669501 | .0454061 | 48.06619 |
| Stddev | .0033504 | .002870  | .012658  | .0048197 | .0009911 | .17203   |
| %RSD   | 2.246166 | 15.11068 | .3409431 | 7.198919 | 2.182747 | .3579097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1527740 | -.017226 | 3.705233 | .0625670 | .0443902 | 47.87729 |
| #2 | .1485470 | -.017446 | 3.705212 | .0721116 | .0454576 | 48.21386 |
| #3 | .1461578 | -.022303 | 3.727146 | .0661716 | .0463704 | 48.10742 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.559148 | .0070181 | .0061983 | 194.7696 | .1377218 | .1058434 |
| Stddev | .002936  | .0001413 | .0000900 | .2582    | .0014216 | .0004050 |
| %RSD   | .1883228 | 2.013027 | 1.451494 | .1325468 | 1.032250 | .3826651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.557057 | .0071309 | .0062207 | 194.5586 | .1374381 | .1054710 |
| #2 | 1.562505 | .0068596 | .0060993 | 195.0575 | .1392640 | .1057845 |
| #3 | 1.557883 | .0070636 | .0062750 | 194.6927 | .1364635 | .1062746 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5639375 | 170.0310 | 5.035024 | 48.05549 | .1808642 | -.011352 |
| Stddev | .0022057 | .7598    | .010159  | .23875   | .0012130 | .001516  |
| %RSD   | .3911165 | .4468783 | .2017701 | .4968276 | .6706589 | 13.35206 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5627500 | 169.2194 | 5.025850 | 47.88543 | .1794823 | -.013031 |
| #2 | .5625799 | 170.7254 | 5.045943 | 48.32844 | .1813574 | -.010939 |
| #3 | .5664824 | 170.1482 | 5.033278 | 47.95260 | .1817529 | -.010085 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.064107 | .1838784 | 2.533912 | 7.041226 | F 10.46448 | -.322876 |
| Stddev | .005573  | .0164000 | .005861  | .222303  | .03493     | .002274  |
| %RSD   | .5236993 | 8.918908 | .2313045 | 3.157162 | .3338159   | .7042972 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.065814 | .1994926 | 2.527972 | 6.842580 | 10.46180 | -.325239 |
| #2 | 1.068626 | .1667920 | 2.534073 | 7.281344 | 10.43096 | -.322686 |
| #3 | 1.057880 | .1853506 | 2.539691 | 6.999753 | 10.50067 | -.320703 |

Sample Name: P5126-15      Acquired: 01/03/2025 19:57:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134899 | 3.746153 | 4.857478 | .2281885 | 1.103772 | .2611628 |
| Stddev | .0006319 | .012136  | .030567  | .0011121 | .005986  | .0014568 |
| %RSD   | 4.684540 | .3239642 | .6292716 | .4873751 | .5422941 | .5578173 |
| #1     | .0130360 | 3.738838 | 4.891269 | .2273503 | 1.101559 | .2598450 |
| #2     | .0142116 | 3.739459 | 4.849410 | .2277652 | 1.099207 | .2627272 |
| #3     | .0132220 | 3.760162 | 4.831754 | .2294502 | 1.110549 | .2609162 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0813808 |
| Stddev | .0018427 |
| %RSD   | 2.264297 |
| #1     | .0792566 |
| #2     | .0825507 |
| #3     | .0823350 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2004.617 | 20538.44 | 2018.049 | 1506.399 | 1900.498 |
| Stddev    | 4.250    | 102.23   | 8.860    | 8.902    | 4.640    |
| %RSD      | .2120062 | .4977457 | .4390253 | .5909496 | .2441717 |
| #1        | 2008.212 | 20637.51 | 2013.362 | 1516.579 | 1903.662 |
| #2        | 2005.712 | 20433.33 | 2012.517 | 1502.542 | 1902.661 |
| #3        | 1999.927 | 20544.49 | 2028.267 | 1500.075 | 1895.171 |



Sample Name: P5127-01      Acquired: 01/03/2025 20:01:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1453575 | -.021147 | 2.448606 | .0677787 | .0474326 | 50.49703 |
| Stddev | .0056890 | .005864  | .008386  | .0081622 | .0019330 | .13632   |
| %RSD   | 3.913805 | 27.72856 | .3424743 | 12.04243 | 4.075324 | .2699579 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1486846 | -.025525 | 2.442900 | .0681155 | .0459112 | 50.65033 |
| #2 | .1485993 | -.023430 | 2.458234 | .0594533 | .0496078 | 50.38944 |
| #3 | .1387886 | -.014485 | 2.444684 | .0757673 | .0467788 | 50.45131 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.111538 | .0081745 | .0193665 | 352.3535 | .1376277 | .1058349 |
| Stddev | .007335  | .0000555 | .0001531 | 1.0949   | .0005913 | .0006224 |
| %RSD   | .6599382 | .6793347 | .7906315 | .3107298 | .4296064 | .5880603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.117184 | .0081544 | .0193173 | 353.6013 | .1371164 | .1065489 |
| #2 | 1.114183 | .0082373 | .0195382 | 351.9053 | .1382752 | .1054075 |
| #3 | 1.103247 | .0081318 | .0192440 | 351.5537 | .1374915 | .1055482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5236672 | 191.5158 | 4.950985 | 173.5044 | .2148850 | -.013227 |
| Stddev | .0054734 | .5109    | .029644  | .8577    | .0005296 | .000897  |
| %RSD   | 1.045197 | .2667592 | .5987486 | .4943537 | .2464570 | 6.784193 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5288693 | 191.9091 | 4.983342 | 174.4288 | .2146319 | -.014244 |
| #2 | .5179579 | 190.9384 | 4.925135 | 172.7343 | .2145294 | -.012893 |
| #3 | .5241743 | 191.7000 | 4.944479 | 173.3501 | .2154936 | -.012545 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.092816 | .1737302 | 4.674969 | 4.892376 | F 11.05218 | -.328655 |
| Stddev | .013250  | .0142594 | .007758  | .199833  | .00727     | .002542  |
| %RSD   | .3237317 | 8.207777 | .1659469 | 4.084573 | .0657550   | .7735802 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.108050 | .1823829 | 4.682632 | 4.683437 | 11.04782 | -.330784 |
| #2 | 4.083979 | .1815356 | 4.667119 | 5.081648 | 11.06057 | -.325840 |
| #3 | 4.086418 | .1572722 | 4.675157 | 4.912043 | 11.04815 | -.329340 |

Sample Name: P5127-01      Acquired: 01/03/2025 20:01:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0174076 | 8.512161 | 4.124570 | .0773357 | .7841326 | .1514034 |
| Stddev | .0005284 | .015614  | .010859  | .0045704 | .0021449 | .0007472 |
| %RSD   | 3.035247 | .1834297 | .2632641 | 5.909774 | .2735328 | .4935467 |
| #1     | .0175181 | 8.509456 | 4.133674 | .0734401 | .7856254 | .1521944 |
| #2     | .0168327 | 8.528951 | 4.127486 | .0762003 | .7816748 | .1507093 |
| #3     | .0178719 | 8.498077 | 4.112552 | .0823668 | .7850978 | .1513064 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0533632 |
| Stddev | .0038497 |
| %RSD   | 7.214245 |
| #1     | .0501834 |
| #2     | .0522629 |
| #3     | .0576434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1879.721 | 19225.16 | 1915.630 | 1398.487 | 1790.892 |
| Stddev    | 3.019    | 47.01    | 2.929    | 4.652    | 1.549    |
| %RSD      | .1606126 | .2445203 | .1528889 | .3326175 | .0864846 |
| #1        | 1879.880 | 19250.58 | 1912.750 | 1396.583 | 1789.560 |
| #2        | 1882.657 | 19253.99 | 1915.536 | 1403.789 | 1792.592 |
| #3        | 1876.625 | 19170.91 | 1918.605 | 1395.090 | 1790.525 |

Sample Name: P5127-02      Acquired: 01/03/2025 20:05:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0899428 | -.022200 | 1.395677 | .0780298 | .0439424 | 45.21155 | .6240197 |
| Stddev | .0017551 | .004669  | .001442  | .0050470 | .0030223 | .06798   | .0008934 |
| %RSD   | 1.951338 | 21.03382 | .1033236 | 6.468055 | 6.877897 | .1503667 | .1431685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0883347 | -.019566 | 1.397118 | .0812579 | .0466410 | 45.28408 | .6250395 |
| #2 | .0896787 | -.027591 | 1.395679 | .0806179 | .0406767 | 45.14928 | .6233748 |
| #3 | .0918150 | -.019442 | 1.394233 | .0722138 | .0445093 | 45.20130 | .6236448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056178 | .0107502 | 277.0941 | .0973464 | .0986150 | .3287599 | 197.9113 |
| Stddev | .0000905 | .0002216 | .4383    | .0003444 | .0004271 | .0120079 | .2951    |
| %RSD   | 1.610941 | 2.060996 | .1581798 | .3537825 | .4331233 | 3.652481 | .1490910 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056751 | .0107467 | 277.3652 | .0977149 | .0982382 | .3373613 | 197.9473 |
| #2 | .0055134 | .0109735 | 276.5884 | .0972915 | .0985280 | .3150410 | 197.5999 |
| #3 | .0056648 | .0105304 | 277.3286 | .0970327 | .0990790 | .3338773 | 198.1867 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.337436 | 63.09909 | .1622192 | -.012488 | .7818217 | .1716150 | 5.013087 |
| Stddev | .019163  | .22003   | .0019715 | .001637  | .0087505 | .0092118 | .059874  |
| %RSD   | .3023777 | .3487009 | 1.215305 | 13.10723 | 1.119247 | 5.367705 | 1.194361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.349072 | 63.25466 | .1612137 | -.014310 | .7735981 | .1694178 | 5.035080 |
| #2 | 6.315318 | 62.84735 | .1609533 | -.012012 | .7808490 | .1817267 | 5.058856 |
| #3 | 6.347917 | 63.19525 | .1644907 | -.011142 | .7910179 | .1637004 | 4.945327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.109121 | 6.335932 | -.401950 | .0110163 | 2.550279 | 3.459925 | .0567541 |
| Stddev | .096992  | .011791  | .002989  | .0003119 | .010631  | .028553  | .0024295 |
| %RSD   | 2.360413 | .1861001 | .7435665 | 2.830858 | .4168648 | .8252544 | 4.280777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.195339 | 6.347670 | -.405147 | .0110267 | 2.557280 | 3.490754 | .0595001 |
| #2 | 4.127920 | 6.324089 | -.401478 | .0113229 | 2.555512 | 3.434388 | .0548838 |
| #3 | 4.004106 | 6.336038 | -.399226 | .0106994 | 2.538046 | 3.454634 | .0558785 |

Sample Name: P5127-02      Acquired: 01/03/2025 20:05:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.084193 | .2136316 | .0717500 |
| Stddev | .004739  | .0001910 | .0037834 |
| %RSD   | .2273930 | .0893824 | 5.272976 |
| #1     | 2.085338 | .2134154 | .0674405 |
| #2     | 2.078987 | .2137773 | .0745253 |
| #3     | 2.088256 | .2137019 | .0732841 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1985.064 | 20308.52 | 1984.136 | 1485.959 | 1869.232 |
| Stddev    | 8.215    | 165.12   | 8.709    | 16.280   | 6.770    |
| %RSD      | .4138554 | .8130604 | .4389280 | 1.095603 | .3621562 |
| #1        | 1979.066 | 20295.10 | 1977.065 | 1485.690 | 1865.012 |
| #2        | 1981.697 | 20150.52 | 1993.864 | 1469.816 | 1865.645 |
| #3        | 1994.427 | 20479.95 | 1981.478 | 1502.373 | 1877.041 |

Sample Name: P5127-03      Acquired: 01/03/2025 20:09:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0909709 | -.001110 | 1.078544 | .0498071 | .0306662 | 54.32070 |
| Stddev | .0028340 | .004988  | .004200  | .0066472 | .0020922 | .16112   |
| %RSD   | 3.115231 | 449.3306 | .3894498 | 13.34578 | 6.822678 | .2966133 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0889492 | -.002119 | 1.077896 | .0502742 | .0311493 | 54.43811 |
| #2 | .0942102 | .004305  | 1.074704 | .0429388 | .0324746 | 54.13701 |
| #3 | .0897533 | -.005516 | 1.083030 | .0562084 | .0283746 | 54.38697 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9573859 | .0056944 | .0038990 | F 847.5452 | .0876081 | .1310858 |
| Stddev | .0032275 | .0001709 | .0000540 | 2.5073     | .0010642 | .0007137 |
| %RSD   | .3371181 | 3.001580 | 1.384990 | .2958337   | 1.214686 | .5444605 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9540410 | .0058177 | .0039556 | 845.4613 | .0888277 | .1305512 |
| #2 | .9576351 | .0057663 | .0038935 | 846.8465 | .0871282 | .1318963 |
| #3 | .9604816 | .0054993 | .0038480 | 850.3277 | .0868685 | .1308100 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1508537 | 172.7848 | 16.16147 | 129.8063 | .1664583 | -.011468 |
| Stddev | .0059131 | .2730    | .02850   | .6728    | .0010195 | .000275  |
| %RSD   | 3.919789 | .1580060 | .1763482 | .5182833 | .6124603 | 2.396038 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1499011 | 173.0050 | 16.17647 | 130.4458 | .1663283 | -.011784 |
| #2 | .1571853 | 172.4793 | 16.12860 | 129.1046 | .1655100 | -.011323 |
| #3 | .1454747 | 172.8700 | 16.17933 | 129.8685 | .1675366 | -.011296 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.136554 | .1160273 | .8092444 | 10.15544 | 5.565157 | -.297572 |
| Stddev | .013617  | .0176017 | .0021293 | .02900   | .025550  | .003248  |
| %RSD   | 1.198070 | 15.17031 | .2631264 | .2855488 | .4591079 | 1.091399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.146727 | .1078461 | .8104700 | 10.16296 | 5.540942 | -.300771 |
| #2 | 1.121085 | .1362306 | .8104776 | 10.12342 | 5.562669 | -.297668 |
| #3 | 1.141850 | .1040051 | .8067857 | 10.17993 | 5.591860 | -.294278 |

Sample Name: P5127-03      Acquired: 01/03/2025 20:09:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081975 | 2.650534 | 4.976087 | .0457571 | .3673716 | .6124838 |
| Stddev | .0013645 | .016170  | .027588  | .0009701 | .0043124 | .0007070 |
| %RSD   | 16.64548 | .6100777 | .5544091 | 2.120178 | 1.173851 | .1154276 |
| #1     | .0076103 | 2.635273 | 5.005721 | .0460383 | .3717182 | .6127410 |
| #2     | .0097573 | 2.648848 | 4.951149 | .0465556 | .3630943 | .6116843 |
| #3     | .0072249 | 2.667482 | 4.971391 | .0446775 | .3673022 | .6130262 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1200709 |
| Stddev | .0017394 |
| %RSD   | 1.448667 |
| #1     | .1192419 |
| #2     | .1220697 |
| #3     | .1189010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1960.886 | 20044.79 | 2017.429 | 1458.214 | 1712.231 |
| Stddev    | 4.695    | 86.96    | 10.854   | 6.595    | 5.355    |
| %RSD      | .2394332 | .4338036 | .5380155 | .4522481 | .3127400 |
| #1        | 1959.452 | 19986.38 | 2004.932 | 1457.001 | 1714.416 |
| #2        | 1966.131 | 20003.27 | 2022.852 | 1452.311 | 1716.148 |
| #3        | 1957.076 | 20144.72 | 2024.503 | 1465.332 | 1706.129 |

Sample Name: P5127-07      Acquired: 01/03/2025 20:12:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1004622 | -.012281 | 1.677497 | .0537959 | .0329050 | 60.10910 |
| Stddev | .0013419 | .001928  | .003592  | .0077002 | .0005270 | .25557   |
| %RSD   | 1.335695 | 15.69767 | .2141462 | 14.31370 | 1.601662 | .4251777 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1007172 | -.014448 | 1.678591 | .0499803 | .0334756 | 59.86701 |
| #2 | .1016582 | -.010756 | 1.673485 | .0487485 | .0328030 | 60.37630 |
| #3 | .0990111 | -.011639 | 1.680416 | .0626588 | .0324365 | 60.08400 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.014490 | .0050944 | .0089353 | 120.9768 | .1271283 | .0859712 |
| Stddev | .000508  | .0000417 | .0000901 | .2503    | .0003834 | .0006996 |
| %RSD   | .0500444 | .8182374 | 1.008463 | .2068999 | .3015936 | .8137794 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.014633 | .0051282 | .0089558 | 120.7662 | .1269221 | .0866575 |
| #2 | 1.014911 | .0050479 | .0088368 | 121.2535 | .1275707 | .0852590 |
| #3 | 1.013926 | .0051072 | .0090134 | 120.9106 | .1268921 | .0859970 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2695950 | 132.4205 | 5.516784 | 39.86683 | .1592231 | -.008049 |
| Stddev | .0035979 | .5200    | .016673  | .25100   | .0009392 | .001033  |
| %RSD   | 1.334539 | .3927238 | .3022274 | .6295947 | .5898517 | 12.83824 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2677047 | 131.9774 | 5.507184 | 39.77935 | .1601148 | -.009042 |
| #2 | .2737439 | 132.9930 | 5.536036 | 40.14987 | .1582427 | -.008126 |
| #3 | .2673362 | 132.2910 | 5.507131 | 39.67128 | .1593117 | -.006979 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5562518 | .1568508 | 2.310884 | 7.967561 | F 14.93960 | -.257184 |
| Stddev | .0250188 | .0046525 | .004782  | .266563  | .03029     | .001664  |
| %RSD   | 4.497740 | 2.966193 | .2069345 | 3.345605 | .2027784   | .6471841 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5281801 | .1550885 | 2.306454 | 8.171094 | 14.92032 | -.258372 |
| #2 | .5643781 | .1533368 | 2.315954 | 8.065760 | 14.92397 | -.257899 |
| #3 | .5761972 | .1621270 | 2.310245 | 7.665828 | 14.97452 | -.255282 |

Sample Name: P5127-07      Acquired: 01/03/2025 20:12:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0130620 | 5.344675 | 6.651943 | .0677840 | 1.036681 | .0936606 |
| Stddev | .0009860 | .017438  | .028044  | .0012050 | .007983  | .0008519 |
| %RSD   | 7.548864 | .3262754 | .4215862 | 1.777707 | .7700053 | .9095755 |
| #1     | .0139791 | 5.325601 | 6.668778 | .0680721 | 1.034942 | .0941469 |
| #2     | .0131879 | 5.348624 | 6.667481 | .0664610 | 1.045390 | .0941579 |
| #3     | .0120191 | 5.359801 | 6.619570 | .0688187 | 1.029712 | .0926769 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0639375 |
| Stddev | .0007808 |
| %RSD   | 1.221230 |
| #1     | .0640643 |
| #2     | .0646472 |
| #3     | .0631010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1982.406 | 20296.77 | 1982.767 | 1490.864 | 1928.026 |
| Stddev    | 7.716    | 13.04    | 12.673   | 2.576    | 6.550    |
| %RSD      | .3892007 | .0642376 | .6391414 | .1728192 | .3397445 |
| #1        | 1984.797 | 20311.45 | 1975.156 | 1493.131 | 1931.621 |
| #2        | 1988.644 | 20286.54 | 1975.749 | 1488.062 | 1931.991 |
| #3        | 1973.779 | 20292.32 | 1997.396 | 1491.401 | 1920.465 |



Sample Name: P5127-08      Acquired: 01/03/2025 20:16:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1227935 | -.016134 | 1.801565 | .0689179 | .0355012 | 70.47747 |
| Stddev | .0020919 | .003976  | .007554  | .0013080 | .0041393 | .24303   |
| %RSD   | 1.703607 | 24.64637 | .4193190 | 1.897922 | 11.65970 | .3448393 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1233648 | -.012406 | 1.801125 | .0674589 | .0307351 | 70.38042 |
| #2 | .1204753 | -.015675 | 1.809330 | .0693093 | .0375719 | 70.29796 |
| #3 | .1245404 | -.020319 | 1.794241 | .0699855 | .0381966 | 70.75404 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.011326 | .0059480 | .0075283 | 145.8892 | .1336227 | .0987541 |
| Stddev | .000968  | .0000382 | .0000600 | .3280    | .0005108 | .0007337 |
| %RSD   | .0957029 | .6424244 | .7970082 | .2248603 | .3822899 | .7429959 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.011235 | .0059552 | .0074799 | 145.5944 | .1337994 | .0988828 |
| #2 | 1.012336 | .0059821 | .0075096 | 145.8307 | .1330470 | .0994149 |
| #3 | 1.010406 | .0059067 | .0075955 | 146.2426 | .1340217 | .0979645 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2962463 | 160.2550 | 6.503558 | 57.88528 | .1850484 | -.010169 |
| Stddev | .0134276 | .2599    | .016372  | .17357   | .0008099 | .001901  |
| %RSD   | 4.532568 | .1621652 | .2517423 | .2998474 | .4376811 | 18.69499 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2898926 | 160.0714 | 6.501625 | 58.04023 | .1851454 | -.009691 |
| #2 | .3116715 | 160.1413 | 6.488238 | 57.69772 | .1858055 | -.012263 |
| #3 | .2871748 | 160.5524 | 6.520811 | 57.91790 | .1841944 | -.008552 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6404925 | .1809491 | 2.517992 | 7.510693 | F 12.67654 | -.311536 |
| Stddev | .0200726 | .0136984 | .019232  | .153080  | .01246     | .001135  |
| %RSD   | 3.133924 | 7.570309 | .7637674 | 2.038159 | .0982643   | .3643473 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6612474 | .1724162 | 2.519945 | 7.637100 | 12.67957 | -.310427 |
| #2 | .6390499 | .1736814 | 2.497858 | 7.554492 | 12.68721 | -.312695 |
| #3 | .6211802 | .1967498 | 2.536173 | 7.340487 | 12.66285 | -.311486 |

Sample Name: P5127-08      Acquired: 01/03/2025 20:16:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0138978 | 5.388671 | 6.192243 | .0803265 | 1.056785 | .0837370 |
| Stddev | .0005854 | .009379  | .030629  | .0036065 | .001230  | .0002430 |
| %RSD   | 4.212029 | .1740487 | .4946346 | 4.489793 | .1163785 | .2902144 |
| #1     | .0134468 | 5.378696 | 6.213833 | .0763089 | 1.055499 | .0839018 |
| #2     | .0145594 | 5.397311 | 6.205708 | .0813862 | 1.057950 | .0834579 |
| #3     | .0136873 | 5.390005 | 6.157189 | .0832844 | 1.056907 | .0838513 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0789929 |
| Stddev | .0038050 |
| %RSD   | 4.816925 |
| #1     | .0833858 |
| #2     | .0767266 |
| #3     | .0768662 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1983.613 | 20197.84 | 1992.811 | 1488.186 | 1885.693 |
| Stddev    | 2.903    | 114.13   | 10.375   | 15.489   | 3.007    |
| %RSD      | .1463594 | .5650559 | .5206107 | 1.040828 | .1594579 |
| #1        | 1980.551 | 20131.65 | 1980.849 | 1483.238 | 1882.399 |
| #2        | 1986.326 | 20329.62 | 1998.230 | 1505.545 | 1886.389 |
| #3        | 1983.963 | 20132.24 | 1999.354 | 1475.774 | 1888.291 |

Sample Name: P5127-09      Acquired: 01/03/2025 20:20:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1277139 | -.019313 | 2.394250 | .0663229 | .0406770 | 58.52067 |
| Stddev | .0025106 | .002630  | .005646  | .0042929 | .0043934 | .31235   |
| %RSD   | 1.965812 | 13.61667 | .2358052 | 6.472668 | 10.80064 | .5337428 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1297750 | -.021854 | 2.399743 | .0670174 | .0388036 | 58.27940 |
| #2 | .1284490 | -.019484 | 2.388463 | .0617252 | .0375309 | 58.40913 |
| #3 | .1249178 | -.016602 | 2.394543 | .0702262 | .0456965 | 58.87348 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.084792 | .0060787 | .0082528 | 145.9059 | .1361171 | .0978472 |
| Stddev | .005012  | .0001427 | .0001623 | .6366    | .0003773 | .0007225 |
| %RSD   | .4620643 | 2.347882 | 1.966400 | .4362927 | .2771606 | .7384110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.085510 | .0059276 | .0080833 | 145.5615 | .1365525 | .0986809 |
| #2 | 1.079460 | .0060973 | .0084068 | 145.5157 | .1358871 | .0974571 |
| #3 | 1.089408 | .0062112 | .0082683 | 146.6405 | .1359117 | .0974036 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3316953 | 157.9384 | 5.616984 | 52.33281 | .2138159 | -.010981 |
| Stddev | .0126618 | 1.0169   | .031431  | .52768   | .0015828 | .001553  |
| %RSD   | 3.817309 | .6438430 | .5595764 | 1.008316 | .7402696 | 14.14636 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3224664 | 157.1142 | 5.589107 | 52.06676 | .2156427 | -.012450 |
| #2 | .3264892 | 157.6262 | 5.610798 | 51.99111 | .2129514 | -.011138 |
| #3 | .3461302 | 159.0747 | 5.651049 | 52.94055 | .2128536 | -.009355 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6735194 | .1660622 | 2.881208 | 6.862647 | F 10.03637 | -.307863 |
| Stddev | .0151401 | .0095397 | .008305  | .054865  | .02219     | .001598  |
| %RSD   | 2.247915 | 5.744686 | .2882566 | .7994695 | .2210880   | .5189725 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6804966 | .1619112 | 2.881803 | 6.813936 | 10.04271 | -.306370 |
| #2 | .6561487 | .1593012 | 2.872621 | 6.851923 | 10.01170 | -.307671 |
| #3 | .6839129 | .1769742 | 2.889199 | 6.922082 | 10.05469 | -.309548 |

Sample Name: P5127-09      Acquired: 01/03/2025 20:20:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141179 | 3.446015 | 5.678784 | .1182280 | .9383534 | .0981104 |
| Stddev | .0002644 | .012207  | .023748  | .0013847 | .0157163 | .0007281 |
| %RSD   | 1.872887 | .3542317 | .4181941 | 1.171244 | 1.674878 | .7421479 |
| #1     | .0140148 | 3.431951 | 5.677462 | .1198259 | .9280430 | .0972696 |
| #2     | .0139206 | 3.452236 | 5.703165 | .1173772 | .9305753 | .0985246 |
| #3     | .0144183 | 3.453858 | 5.655724 | .1174811 | .9564420 | .0985369 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0743386 |
| Stddev | .0030522 |
| %RSD   | 4.105859 |
| #1     | .0709420 |
| #2     | .0752222 |
| #3     | .0768516 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2034.356 | 20685.46 | 2031.377 | 1519.336 | 1940.064 |
| Stddev    | 4.776    | 140.54   | 9.245    | 7.305    | 1.013    |
| %RSD      | .2347461 | .6794355 | .4551282 | .4807706 | .0522060 |
| #1        | 2039.839 | 20537.89 | 2023.963 | 1514.360 | 1940.262 |
| #2        | 2031.104 | 20817.73 | 2028.433 | 1527.722 | 1940.963 |
| #3        | 2032.125 | 20700.75 | 2041.736 | 1515.927 | 1938.967 |

Sample Name: P5127-10      Acquired: 01/03/2025 20:24:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2743848 | -.089747 | 8.751085 | .2065834 | .0693165 | 52.56561 |
| Stddev | .0025549 | .001525  | .007968  | .0113298 | .0042125 | .32624   |
| %RSD   | .9311277 | 1.699639 | .0910566 | 5.484390 | 6.077217 | .6206427 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2742966 | -.088857 | 8.744046 | .1938048 | .0736692 | 52.21608 |
| #2 | .2718752 | -.091509 | 8.759736 | .2105446 | .0690206 | 52.61869 |
| #3 | .2769827 | -.088876 | 8.749472 | .2154009 | .0652598 | 52.86206 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.566792 | .0104011 | .0108103 | 187.0888 | .1892472 | .1221265 |
| Stddev | .004062  | .0001053 | .0002930 | .6139    | .0010259 | .0004411 |
| %RSD   | .2592847 | 1.012736 | 2.710644 | .3281269 | .5421151 | .3611539 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.562190 | .0104122 | .0106967 | 186.3840 | .1890793 | .1218778 |
| #2 | 1.569880 | .0105004 | .0105911 | 187.3760 | .1883155 | .1226358 |
| #3 | 1.568307 | .0102906 | .0111431 | 187.5064 | .1903467 | .1218659 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6643186 | 419.9767 | 6.742079 | 54.57176 | .8271822 | -.028516 |
| Stddev | .0120064 | 2.3528   | .030812  | .28184   | .0009870 | .001179  |
| %RSD   | 1.807321 | .5602103 | .4570072 | .5164605 | .1193189 | 4.132928 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6580659 | 417.3204 | 6.711296 | 54.30463 | .8271460 | -.028718 |
| #2 | .6781609 | 420.8113 | 6.742022 | 54.54436 | .8281868 | -.027250 |
| #3 | .6567291 | 421.7984 | 6.772919 | 54.86631 | .8262138 | -.029581 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.193278 | .2356829 | 3.105485 | 7.380408 | F 10.75834 | -.902878 |
| Stddev | .016460  | .0034720 | .014153  | .054602  | .00918     | .011413  |
| %RSD   | 1.379365 | 1.473178 | .4557426 | .7398199 | .0853305   | 1.264103 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.186935 | .2323597 | 3.098804 | 7.317709 | 10.75184 | -.897193 |
| #2 | 1.211966 | .2392867 | 3.095909 | 7.417496 | 10.76884 | -.916018 |
| #3 | 1.180934 | .2354025 | 3.121742 | 7.406020 | 10.75433 | -.895424 |

Sample Name: P5127-10      Acquired: 01/03/2025 20:24:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0202126 | 4.576988 | 5.383664 | 7.512731 | 1.037169 | -.039316 |
| Stddev | .0007136 | .011864  | .058500  | .009899  | .008694  | .000566  |
| %RSD   | 3.530464 | .2592005 | 1.086628 | .1317693 | .8382855 | 1.440860 |
| #1     | .0194715 | 4.565554 | 5.357312 | 7.502412 | 1.027868 | -.038953 |
| #2     | .0208950 | 4.576172 | 5.450706 | 7.513633 | 1.038547 | -.039027 |
| #3     | .0202712 | 4.589239 | 5.342975 | 7.522149 | 1.045092 | -.039969 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0812182 |
| Stddev | .0012422 |
| %RSD   | 1.529441 |
| #1     | .0799016 |
| #2     | .0823694 |
| #3     | .0813836 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2029.452 | 20741.34 | 2043.882 | 1515.803 | 1941.557 |
| Stddev    | 5.461    | 115.34   | 11.056   | 10.024   | 1.880    |
| %RSD      | .2691019 | .5560926 | .5409142 | .6613300 | .0968278 |
| #1        | 2032.798 | 20685.21 | 2044.045 | 1511.832 | 1940.976 |
| #2        | 2032.407 | 20874.00 | 2032.745 | 1527.204 | 1943.659 |
| #3        | 2023.149 | 20664.81 | 2054.854 | 1508.372 | 1940.037 |

Sample Name: P5127-11      Acquired: 01/03/2025 20:28:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1431709 | -.015001 | 3.559267 | .0614248 | .0425757 | 47.09639 | 1.428710 |
| Stddev | .0042156 | .002759  | .004791  | .0063184 | .0023208 | .07938   | .004438  |
| %RSD   | 2.944450 | 18.39329 | .1346058 | 10.28631 | 5.450977 | .1685530 | .3106051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1477494 | -.017481 | 3.557050 | .0683079 | .0435178 | 47.18802 | 1.427609 |
| #2 | .1394501 | -.012029 | 3.555986 | .0558883 | .0442772 | 47.04848 | 1.433594 |
| #3 | .1423132 | -.015494 | 3.564765 | .0600783 | .0399320 | 47.05266 | 1.424926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066672 | .0061945 | 197.0637 | .1353287 | .1002543 | .4594715 | 161.3848 |
| Stddev | .0003380 | .0002035 | .3209    | .0006014 | .0006750 | .0177756 | .5572    |
| %RSD   | 5.070020 | 3.285454 | .1628506 | .4444068 | .6732886 | 3.868710 | .3452376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069170 | .0063660 | 197.4319 | .1358665 | .1003438 | .4583441 | 162.0099 |
| #2 | .0068021 | .0059696 | 196.9152 | .1346793 | .1008801 | .4777839 | 161.2041 |
| #3 | .0062826 | .0062478 | 196.8439 | .1354403 | .0995390 | .4422864 | 160.9405 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.099150 | 48.01799 | .1738832 | -.009363 | .9921423 | .1869210 | 2.516482 |
| Stddev | .005107  | .29681   | .0008494 | .001450  | .0129016 | .0026305 | .014084  |
| %RSD   | .1001614 | .6181238 | .4885175 | 15.48460 | 1.300382 | 1.407300 | .5596758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.104605 | 48.33286 | .1748427 | -.008685 | .9774066 | .1865016 | 2.511755 |
| #2 | 5.094482 | 47.97775 | .1732272 | -.011028 | 1.001407 | .1845253 | 2.532322 |
| #3 | 5.098363 | 47.74335 | .1735797 | -.008376 | .997614  | .1897360 | 2.505370 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.539754 | 9.775888 | -.318428 | .0119894 | 4.728121 | 4.921257 | .2021471 |
| Stddev | .145496  | .013806  | .004098  | .0005140 | .021086  | .021375  | .0016545 |
| %RSD   | 2.224793 | .1412224 | 1.286834 | 4.287273 | .4459667 | .4343467 | .8184379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.458080 | 9.777125 | -.323100 | .0115798 | 4.707953 | 4.939040 | .2029733 |
| #2 | 6.707737 | 9.761505 | -.316739 | .0118222 | 4.726392 | 4.927187 | .2002423 |
| #3 | 6.453444 | 9.789033 | -.315445 | .0125662 | 4.750018 | 4.897542 | .2032258 |

Sample Name: P5127-11      Acquired: 01/03/2025 20:28:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.032801 | .2617592 | .0791502 |
| Stddev | .005279  | .0004559 | .0012103 |
| %RSD   | .5110963 | .1741836 | 1.529120 |
| #1     | 1.037852 | .2622831 | .0778918 |
| #2     | 1.027321 | .2615425 | .0792528 |
| #3     | 1.033230 | .2614519 | .0803059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2010.573 | 20673.62 | 2034.027 | 1515.756 | 1909.368 |
| Stddev    | 3.072    | 105.84   | 10.081   | 4.544    | 2.092    |
| %RSD      | .1528027 | .5119573 | .4955980 | .2998066 | .1095566 |
| #1        | 2013.102 | 20629.44 | 2022.722 | 1520.518 | 1908.702 |
| #2        | 2011.463 | 20794.39 | 2042.081 | 1511.466 | 1911.712 |
| #3        | 2007.154 | 20597.03 | 2037.278 | 1515.285 | 1907.691 |



Sample Name: P5127-12      Acquired: 01/03/2025 20:31:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1186874 | -.021434 | 4.553332 | .0722037 | .0469750 | 52.86803 |
| Stddev | .0015404 | .004558  | .008179  | .0064482 | .0022101 | .08760   |
| %RSD   | 1.297869 | 21.26657 | .1796202 | 8.930623 | 4.704791 | .1656920 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1197844 | -.023173 | 4.558646 | .0680883 | .0455266 | 52.76727 |
| #2 | .1169263 | -.024868 | 4.557436 | .0796351 | .0495188 | 52.92611 |
| #3 | .1193514 | -.016262 | 4.543914 | .0688875 | .0458795 | 52.91071 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.735416 | .0059666 | .0057160 | 170.4292 | .1374792 | .1091767 |
| Stddev | .010346  | .0002532 | .0000499 | .3672    | .0018940 | .0004410 |
| %RSD   | .5961593 | 4.242832 | .8733278 | .2154647 | 1.377687 | .4039619 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.735736 | .0057169 | .0057723 | 170.5109 | .1371066 | .1096177 |
| #2 | 1.724914 | .0062231 | .0056986 | 170.0281 | .1395318 | .1087356 |
| #3 | 1.745598 | .0059599 | .0056771 | 170.7488 | .1357991 | .1091767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7223804 | 170.5148 | 7.561617 | 48.41653 | .1534410 | -.009312 |
| Stddev | .0077056 | .1294    | .008568  | .11293   | .0009781 | .000771  |
| %RSD   | 1.066689 | .0758797 | .1133079 | .2332502 | .6374740 | 8.281987 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7159669 | 170.5294 | 7.556355 | 48.54057 | .1524298 | -.008483 |
| #2 | .7202461 | 170.6363 | 7.571503 | 48.31967 | .1543823 | -.010009 |
| #3 | .7309281 | 170.3788 | 7.556992 | 48.38936 | .1535109 | -.009444 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9379305 | .1483354 | 3.325602 | 7.024951 | F 11.38833 | -.342842 |
| Stddev | .0097669 | .0005627 | .003664  | .139939  | .00946     | .005950  |
| %RSD   | 1.041324 | .3793436 | .1101615 | 1.992023 | .0830460   | 1.735415 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9395752 | .1483613 | 3.321481 | 7.122964 | 11.39616 | -.337832 |
| #2 | .9467707 | .1488847 | 3.328488 | 6.864688 | 11.39101 | -.349418 |
| #3 | .9274457 | .1477602 | 3.326838 | 7.087199 | 11.37783 | -.341276 |

Sample Name: P5127-12      Acquired: 01/03/2025 20:31:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116232 | 2.395699 | 4.942519 | .3185383 | .9171754 | .1912618 |
| Stddev | .0005995 | .005737  | .024558  | .0009204 | .0036897 | .0006557 |
| %RSD   | 5.157706 | .2394898 | .4968749 | .2889290 | .4022909 | .3428060 |
| #1     | .0109925 | 2.395642 | 4.957150 | .3184432 | .9204699 | .1905389 |
| #2     | .0121857 | 2.389991 | 4.956241 | .3195026 | .9178678 | .1914284 |
| #3     | .0116913 | 2.401465 | 4.914167 | .3176693 | .9131886 | .1918180 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0874610 |
| Stddev | .0037333 |
| %RSD   | 4.268516 |
| #1     | .0916952 |
| #2     | .0860449 |
| #3     | .0846429 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2083.569 | 21261.37 | 2102.122 | 1559.814 | 1920.735 |
| Stddev    | 4.132    | 36.64    | 10.353   | 2.862    | 1.836    |
| %RSD      | .1983110 | .1723448 | .4925220 | .1834620 | .0955987 |
| #1        | 2082.671 | 21268.45 | 2092.023 | 1558.337 | 1918.709 |
| #2        | 2088.077 | 21293.96 | 2101.631 | 1563.112 | 1922.291 |
| #3        | 2079.961 | 21221.70 | 2112.712 | 1557.992 | 1921.204 |

Sample Name: P5127-13      Acquired: 01/03/2025 20:35:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0978125 | -.013353 | 2.172817 | .0603169 | .0340813   | 59.45723 |
| Stddev | .0034163 | .003761  | .004493  | .0009449 | .0037486   | .37830   |
| %RSD   | 3.492728 | 28.16797 | .2067866 | 1.566542 | 10.99893   | .6362584 |
| #1     | .0999019 | -.010991 | 2.168782 | .0596286 | .0308531   | 59.48517 |
| #2     | .0996656 | -.011377 | 2.177659 | .0613942 | .0331982   | 59.06573 |
| #3     | .0938701 | -.017690 | 2.172011 | .0599278 | .0381925   | 59.82079 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.237337 | .0051191 | .0041541 | 135.7998 | .1197795   | .1116727 |
| Stddev | .009997  | .0000695 | .0000544 | .8770    | .0009986   | .0005213 |
| %RSD   | .8079775 | 1.358516 | 1.308866 | .6457809 | .8336623   | .4667657 |
| #1     | 1.231218 | .0050388 | .0041459 | 135.1262 | .1189403   | .1114154 |
| #2     | 1.231919 | .0051583 | .0041043 | 135.4818 | .1208839   | .1122725 |
| #3     | 1.248874 | .0051602 | .0042121 | 136.7914 | .1195143   | .1113301 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3183483 | 144.1719 | 5.934495 | 40.17078 | .1413683   | -.008722 |
| Stddev | .0057733 | 1.0633   | .039820  | .26035   | .0012233   | .000964  |
| %RSD   | 1.813503 | .7374959 | .6709863 | .6481200 | .8653459   | 11.05281 |
| #1     | .3180407 | 144.1082 | 5.921142 | 40.30145 | .1420413   | -.007657 |
| #2     | .3242693 | 143.1419 | 5.903068 | 39.87097 | .1399563   | -.008975 |
| #3     | .3127351 | 145.2656 | 5.979275 | 40.33992 | .1421074   | -.009534 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7890314 | .1355200 | 1.498833 | 6.527953 | F 15.14807 | -.292813 |
| Stddev | .0199347 | .0095884 | .010521  | .086402  | .01830     | .003665  |
| %RSD   | 2.526482 | 7.075264 | .7019411 | 1.323564 | .1208033   | 1.251737 |
| #1     | .7681492 | .1245557 | 1.488277 | 6.460601 | 15.13046   | -.288964 |
| #2     | .7910854 | .1396698 | 1.498905 | 6.497886 | 15.14677   | -.293214 |
| #3     | .8078596 | .1423346 | 1.509319 | 6.625370 | 15.16698   | -.296261 |

Sample Name: P5127-13      Acquired: 01/03/2025 20:35:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMC5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104593 | 1.944065 | 4.378610 | .0951475 | .8557742 | .1766098 |
| Stddev | .0012169 | .000852  | .023913  | .0005577 | .0145271 | .0006564 |
| %RSD   | 11.63484 | .0438154 | .5461298 | .5860886 | 1.697542 | .3716528 |
| #1     | .0096354 | 1.943299 | 4.368226 | .0948568 | .8704372 | .1759711 |
| #2     | .0098855 | 1.943913 | 4.361644 | .0947952 | .8413869 | .1765757 |
| #3     | .0118571 | 1.944982 | 4.405959 | .0957904 | .8554983 | .1772825 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1064699 |
| Stddev | .0034718 |
| %RSD   | 3.260860 |
| #1     | .1029699 |
| #2     | .1065269 |
| #3     | .1099128 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2261.570 | 23224.34 | 2305.841 | 1708.439 | 1893.131 |
| Stddev    | 3.929    | 170.51   | 11.122   | 8.747    | 4.794    |
| %RSD      | .1737231 | .7341713 | .4823403 | .5119855 | .2532127 |
| #1        | 2265.873 | 23421.12 | 2302.107 | 1718.214 | 1897.379 |
| #2        | 2260.663 | 23120.38 | 2318.349 | 1705.753 | 1894.080 |
| #3        | 2258.174 | 23131.53 | 2297.066 | 1701.350 | 1887.934 |

Sample Name: P5127-14      Acquired: 01/03/2025 20:39:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3010916 | -.008830 | 5.563541 | .0742059 | .0368156 | 57.32904 |
| Stddev | .0065882 | .003509  | .018941  | .0017740 | .0032706 | .38875   |
| %RSD   | 2.188113 | 39.73986 | .3404553 | 2.390657 | 8.883776 | .6780964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3006999 | -.010912 | 5.572646 | .0733267 | .0359447 | 57.62089 |
| #2 | .2947080 | -.004778 | 5.541767 | .0730433 | .0340686 | 56.88775 |
| #3 | .3078670 | -.010798 | 5.576211 | .0762478 | .0404335 | 57.47848 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.146706 | .0061738 | .0095635 | 589.9518 | .1370227 | .1474859 |
| Stddev | .006905  | .0001943 | .0001727 | 2.0319   | .0014850 | .0004911 |
| %RSD   | .2194233 | 3.147331 | 1.805472 | .3444137 | 1.083772 | .3330081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.150376 | .0063822 | .0095549 | 590.2118 | .1356563 | .1480289 |
| #2 | 3.138741 | .0061416 | .0097403 | 587.8024 | .1386031 | .1470727 |
| #3 | 3.151001 | .0059976 | .0093953 | 591.8411 | .1368089 | .1473561 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9317655 | 182.9458 | 15.35274 | 55.66597 | .2039479 | -.009005 |
| Stddev | .0060603 | 1.1605   | .06212   | .16736   | .0015058 | .000510  |
| %RSD   | .6504057 | .6343435 | .4046167 | .3006430 | .7383216 | 5.664882 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9345531 | 183.8358 | 15.38076 | 55.76568 | .2050275 | -.009391 |
| #2 | .9248130 | 181.6332 | 15.28154 | 55.47276 | .2022277 | -.008427 |
| #3 | .9359303 | 183.3683 | 15.39590 | 55.75948 | .2045884 | -.009198 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8804419 | .1706260 | 3.248455 | 8.784218 | F 12.27259 | -.363177 |
| Stddev | .0108147 | .0081733 | .012230  | .163644  | .04145     | .004768  |
| %RSD   | 1.228323 | 4.790165 | .3764952 | 1.862931 | .3377625   | 1.312842 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8688410 | .1778182 | 3.262240 | 8.781537 | 12.27193 | -.368683 |
| #2 | .8902450 | .1617378 | 3.238904 | 8.621932 | 12.23147 | -.360423 |
| #3 | .8822398 | .1723221 | 3.244221 | 8.949187 | 12.31436 | -.360426 |

Sample Name: P5127-14      Acquired: 01/03/2025 20:39:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101538 | 2.947788 | 5.380880 | .1194359 | .7686428 | .3831718 |
| Stddev | .0008646 | .005382  | .046952  | .0029339 | .0083471 | .0018183 |
| %RSD   | 8.515286 | .1825716 | .8725699 | 2.456445 | 1.085959 | .4745384 |
| #1     | .0104941 | 2.943600 | 5.431890 | .1186936 | .7701391 | .3845201 |
| #2     | .0091709 | 2.953858 | 5.339470 | .1169445 | .7596488 | .3811038 |
| #3     | .0107966 | 2.945906 | 5.371279 | .1226696 | .7761407 | .3838916 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0753495 |
| Stddev | .0038265 |
| %RSD   | 5.078347 |
| #1     | .0718378 |
| #2     | .0747831 |
| #3     | .0794277 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2086.370 | 21398.17 | 2132.734 | 1565.022 | 1800.518 |
| Stddev    | 7.005    | 89.09    | 16.339   | 4.303    | 2.622    |
| %RSD      | .3357343 | .4163309 | .7661069 | .2749621 | .1456104 |
| #1        | 2081.618 | 21486.86 | 2115.749 | 1560.776 | 1799.725 |
| #2        | 2083.077 | 21398.95 | 2148.340 | 1569.381 | 1798.384 |
| #3        | 2094.414 | 21308.69 | 2134.112 | 1564.910 | 1803.444 |

Sample Name: P5127-15      Acquired: 01/03/2025 20:43:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1925552 | -.004863 | 4.402847 | .0698842 | .0355476 | 62.18741 |
| Stddev | .0041696 | .002770  | .002934  | .0035529 | .0024915 | .07809   |
| %RSD   | 2.165396 | 56.95980 | .0666481 | 5.083957 | 7.009056 | .1255724 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1972892 | -.008018 | 4.400329 | .0718953 | .0362162 | 62.11331 |
| #2 | .1894283 | -.002834 | 4.406069 | .0657819 | .0376366 | 62.17996 |
| #3 | .1909481 | -.003736 | 4.402142 | .0719752 | .0327900 | 62.26896 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.946569 | .0061720 | .0069524 | 397.0765 | .1207663 | .1355624 |
| Stddev | .006892  | .0000833 | .0001050 | .4560    | .0007343 | .0014367 |
| %RSD   | .3540484 | 1.349862 | 1.510542 | .1148327 | .6080662 | 1.059829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.953532 | .0062438 | .0069184 | 397.1789 | .1202363 | .1371703 |
| #2 | 1.946424 | .0061915 | .0068687 | 396.5781 | .1216045 | .1351123 |
| #3 | 1.939751 | .0060806 | .0070703 | 397.4726 | .1204581 | .1344046 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5826325 | 177.0549 | 15.71305 | 55.84403 | .1765829 | -.008941 |
| Stddev | .0074096 | .2155    | .01622   | .01366   | .0011023 | .001839  |
| %RSD   | 1.271752 | .1216857 | .1032316 | .0244603 | .6242614 | 20.56629 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5749913 | 176.9616 | 15.73166 | 55.82856 | .1778193 | -.007874 |
| #2 | .5831198 | 177.3013 | 15.70188 | 55.85440 | .1757026 | -.011064 |
| #3 | .5897865 | 176.9019 | 15.70562 | 55.84914 | .1762270 | -.007884 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6931650 | .1659617 | 2.160077 | 7.516835 | F 11.10467 | -.360835 |
| Stddev | .0159472 | .0042903 | .007903  | .217398  | .00693     | .004531  |
| %RSD   | 2.300642 | 2.585118 | .3658761 | 2.892154 | .0624195   | 1.255691 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6984473 | .1610431 | 2.167849 | 7.428632 | 11.10630 | -.365250 |
| #2 | .7058008 | .1689335 | 2.160333 | 7.357399 | 11.09707 | -.356197 |
| #3 | .6752468 | .1679083 | 2.152049 | 7.764473 | 11.11065 | -.361058 |

Sample Name: P5127-15      Acquired: 01/03/2025 20:43:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094439 | 2.187866 | 5.155952 | .1248266 | .7176488 | .2734987 |
| Stddev | .0004778 | .004311  | .019891  | .0005624 | .0017948 | .0007095 |
| %RSD   | 5.058993 | .1970220 | .3857892 | .4505721 | .2500939 | .2594307 |
| #1     | .0088973 | 2.192594 | 5.170481 | .1242416 | .7157385 | .2740004 |
| #2     | .0097817 | 2.186848 | 5.164095 | .1248747 | .7192998 | .2726869 |
| #3     | .0096527 | 2.184155 | 5.133282 | .1253634 | .7179081 | .2738088 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0844664 |
| Stddev | .0008860 |
| %RSD   | 1.048998 |
| #1     | .0836023 |
| #2     | .0853729 |
| #3     | .0844240 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2107.945 | 21766.43 | 2152.870 | 1593.147 | 1844.270 |
| Stddev    | 8.195    | 122.49   | .949     | 3.810    | 5.868    |
| %RSD      | .3887877 | .5627296 | .0440780 | .2391210 | .3181549 |
| #1        | 2116.871 | 21816.36 | 2153.668 | 1597.178 | 1850.870 |
| #2        | 2100.760 | 21856.07 | 2153.122 | 1592.657 | 1842.294 |
| #3        | 2106.206 | 21626.87 | 2151.821 | 1589.606 | 1839.645 |



Sample Name: CCV105      Acquired: 01/03/2025 20:47:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV105      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.018794 | 4.885438 | 24.90570 | 4.914834 | 4.917710 | 402.2096 |
| Stddev | .015961  | .019617  | .04083   | .006486  | .013162  | .0913    |
| %RSD   | .3180228 | .4015345 | .1639512 | .1319596 | .2676473 | .0227037 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.000385 | 4.906296 | 24.94763 | 4.922064 | 4.925348 | 402.3081 |
| #2 | 5.028755 | 4.882658 | 24.90340 | 4.909530 | 4.902512 | 402.1929 |
| #3 | 5.027242 | 4.867359 | 24.86606 | 4.912906 | 4.925271 | 402.1278 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.27461 | .5188284 | 2.506519 | 409.8528 | 15.53286 | 2.520104 |
| Stddev | .03152   | .0016182 | .004035  | 1.0336   | .01198   | .005577  |
| %RSD   | .3067836 | .3119036 | .1609969 | .2521841 | .0771553 | .2212866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.29227 | .5200231 | 2.511152 | 411.0351 | 15.53570 | 2.526539 |
| #2 | 10.23821 | .5194753 | 2.504641 | 409.1206 | 15.54316 | 2.516688 |
| #3 | 10.29334 | .5169867 | 2.503766 | 409.4026 | 15.51970 | 2.517085 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.41470 | 408.7359 | 15.30672 | 405.8021 | 2.528403 | 1.258168 |
| Stddev | .05975   | .2773    | .01498   | .6645    | .002646  | .003105  |
| %RSD   | .3876488 | .0678482 | .0978857 | .1637617 | .1046446 | .2467843 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.47853 | 409.0557 | 15.32005 | 406.5443 | 2.530722 | 1.255806 |
| #2 | 15.36010 | 408.5888 | 15.30960 | 405.2621 | 2.528966 | 1.261685 |
| #3 | 15.40547 | 408.5630 | 15.29050 | 405.5999 | 2.525521 | 1.257014 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 409.3776 | 2.544431 | 14.77207 | 153.7985 | 4.967433 | F 4.492403 |
| Stddev | 1.7475   | .031524  | .07664   | .7879    | .005835  | .010539    |
| %RSD   | .4268720 | 1.238934 | .5187887 | .5122919 | .1174671 | .2346027   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 411.0254 | 2.580584 | 14.69035 | 154.6820 | 4.971986 | 4.480432 |
| #2 | 409.5625 | 2.522684 | 14.78354 | 153.1687 | 4.960855 | 4.500283 |
| #3 | 407.5450 | 2.530025 | 14.84233 | 153.5448 | 4.969458 | 4.496495 |

Sample Name: CCV105      Acquired: 01/03/2025 20:47:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV105      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.910838 | 5.004274 | 5.086252 | 5.042880 | 5.112843 | 4.857784 |
| Stddev | .011170  | .012073  | .012407  | .012016  | .006361  | .010031  |
| %RSD   | .2274552 | .2412501 | .2439289 | .2382773 | .1244077 | .2064883 |
| #1     | 4.906856 | 5.006255 | 5.086763 | 5.056650 | 5.120150 | 4.869309 |
| #2     | 4.902204 | 5.015234 | 5.098395 | 5.037465 | 5.108546 | 4.851025 |
| #3     | 4.923453 | 4.991334 | 5.073598 | 5.034524 | 5.109832 | 4.853018 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 4.900919 |
| Stddev | .015787  |
| %RSD   | .3221239 |
| #1     | 4.909938 |
| #2     | 4.882690 |
| #3     | 4.910130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1527.477 | 16728.52 | 1694.354 | 1142.373 | 1639.502 |
| Stddev    | 4.080    | 41.94    | 5.872    | 3.225    | 2.594    |
| %RSD      | .2671021 | .2506888 | .3465699 | .2823133 | .1582361 |
| #1        | 1528.075 | 16680.62 | 1689.086 | 1144.922 | 1636.556 |
| #2        | 1531.225 | 16746.28 | 1693.292 | 1143.449 | 1641.445 |
| #3        | 1523.132 | 16758.65 | 1700.685 | 1138.747 | 1640.506 |

Sample Name: CCB105      Acquired: 01/03/2025 20:50:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB105      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001183 | .0015317 | .0008377 | .0067524 | -.000771 | .0053553 | -.002127 |
| Stddev | .0003515 | .0039148 | .0033798 | .0036842 | .002294  | .0081034 | .001354  |
| %RSD   | 297.1693 | 255.5811 | 403.4748 | 54.56070 | 297.5631 | 151.3162 | 63.67278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000420 | .0013004 | .0026333 | .0109700 | -.003136 | .0144580 | -.001442 |
| #2 | .0005016 | -.002262 | -.003061 | .0051248 | .001444  | -.001072 | -.001253 |
| #3 | -.000189 | .005557  | .002941  | .0041623 | -.000620 | .002680  | -.003687 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000077 | -.000012 | -.017258 | .0004277 | -.000033 | .0001149 | .0451028 |
| Stddev | .0002158 | .000049  | .028339  | .0001246 | .000837  | .0133402 | .0406315 |
| %RSD   | 2801.624 | 400.6734 | 164.2065 | 29.14199 | 2561.709 | 11613.24 | 90.08641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000162 | -.000069 | .009377  | .0004906 | .000770  | -.009280 | .0831092 |
| #2 | .000251  | .000018  | -.014113 | .0005083 | .000032  | .015384  | .0499229 |
| #3 | -.000065 | .000014  | -.047038 | .0002841 | -.000900 | -.005760 | .0022762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046527 | -.100055 | -.000940 | .0016232 | .1113632 | -.007749 | -.000037 |
| Stddev | .0010360 | .105589  | .000321  | .0020920 | .0127087 | .007913  | .000335  |
| %RSD   | 22.26587 | 105.5314 | 34.08203 | 128.8817 | 11.41197 | 102.1096 | 897.4407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041238 | -.144012 | -.001104 | .0040205 | .1110799 | -.011602 | .000014  |
| #2 | .0039880 | -.176564 | -.001146 | .0006815 | .1242112 | -.012998 | .000269  |
| #3 | .0058464 | .020412  | -.000571 | .0001676 | .0987984 | .001352  | -.000396 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2919990 | -.002382 | .0075868 | -.000161 | -.010551 | -.001838 | .0013262 |
| Stddev | .2856004 | .003812  | .0032785 | .000793  | .001689  | .000113  | .0008300 |
| %RSD   | 97.80868 | 160.0229 | 43.21290 | 493.5046 | 16.00447 | 6.167930 | 62.58521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3814525 | .000734  | .0087008 | .000737  | -.011347 | -.001960 | .0022801 |
| #2 | -.027621 | -.001248 | .0038965 | -.000764 | -.008611 | -.001819 | .0007694 |
| #3 | .522165  | -.006632 | .0101632 | -.000455 | -.011695 | -.001735 | .0009290 |

Sample Name: CCB105      Acquired: 01/03/2025 20:50:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB105      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.008766 | -.000325 | .0063660 |
| Stddev | .003780  | .000184  | .0017057 |
| %RSD   | 43.12136 | 56.55360 | 26.79346 |
| #1     | -.011605 | -.000536 | .0048301 |
| #2     | -.010216 | -.000196 | .0060662 |
| #3     | -.004475 | -.000244 | .0082017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1819.565 | 18600.15 | 1807.413 | 1374.624 | 2015.568 |
| Stddev    | 7.007    | 5.17     | 14.903   | 3.140    | 9.898    |
| %RSD      | .3851113 | .0278040 | .8245437 | .2284482 | .4910649 |
| #1        | 1827.416 | 18597.19 | 1791.172 | 1374.102 | 2025.995 |
| #2        | 1813.945 | 18606.12 | 1810.608 | 1377.992 | 2006.302 |
| #3        | 1817.334 | 18597.14 | 1820.459 | 1371.777 | 2014.407 |

Sample Name: PB165506BL      Acquired: 01/03/2025 20:54:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS506      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001257 | .0000253 | -.001353 | .0056704 | .0022075 | .0075638 |
| Stddev | .004222  | .0007790 | .001115  | .0015674 | .0046275 | .0192968 |
| %RSD   | 335.7914 | 3080.110 | 82.42485 | 27.64220 | 209.6247 | 255.1212 |
| #1     | .001525  | .0003797 | -.001141 | .0042144 | -.000845 | -.012269 |
| #2     | .000818  | -.000868 | -.000359 | .0054674 | -.000065 | .026276  |
| #3     | -.006115 | .000564  | -.002559 | .0073295 | .007532  | .008683  |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006320 | .0000498 | -.000057 | -.120854 | .0005429 | -.000457 |
| Stddev | .001030  | .0001099 | .000052  | .033888  | .0011027 | .000206  |
| %RSD   | 16.29961 | 220.8020 | 90.62083 | 28.04060 | 203.1176 | 45.00767 |
| #1     | -.006900 | .0001455 | -.000104 | -.090956 | .0013446 | -.000624 |
| #2     | -.005131 | -.000070 | -.000001 | -.157666 | -.000715 | -.000521 |
| #3     | -.006930 | .000074  | -.000067 | -.113938 | .000999  | -.000227 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006127 | .0075753 | .0044627 | -.088845 | -.001035 | .0004484 |
| Stddev | .016157  | .0527633 | .0010615 | .136726  | .000955  | .0004758 |
| %RSD   | 263.7282 | 696.5158 | 23.78529 | 153.8929 | 92.21539 | 106.1033 |
| #1     | -.024672 | -.052486 | .0051717 | .034863  | -.000673 | -.000065 |
| #2     | .004911  | .046462  | .0049741 | -.065751 | -.000315 | .000536  |
| #3     | .001381  | .028751  | .0032423 | -.235647 | -.002118 | .000874  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0438766 | -.004754 | -.000215 | .0636459 | -.001530 | -.000023 |
| Stddev | .0353988 | .008668  | .000536  | .1714117 | .002243  | .000491  |
| %RSD   | 80.67812 | 182.3540 | 248.8869 | 269.3207 | 146.6027 | 2168.848 |
| #1     | .0810158 | .005066  | -.000438 | -.047845 | -.000752 | .000241  |
| #2     | .0400917 | -.007982 | .000396  | .261022  | -.004058 | -.000590 |
| #3     | .0105223 | -.011345 | -.000603 | -.022240 | .000221  | .000280  |

Sample Name: PB165506BL      Acquired: 01/03/2025 20:54:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS506      Custom ID2:      Custom ID3:  
Comment:

|        |           |           |           |             |           |           |
|--------|-----------|-----------|-----------|-------------|-----------|-----------|
| Elem   | Mo2020    | S_1820    | Si2516    | Sn1899      | Ti3361    | Sr4077    |
| Units  | ppm       | ppm       | ppm       | ppm         | ppm       | ppm       |
| Avg    | -0.000515 | -0.009672 | -0.003770 | F -0.017318 | -0.005330 | -0.000267 |
| Stddev | .000426   | .004237   | .000592   | .000784     | .003429   | .000093   |
| %RSD   | 82.72236  | 43.80378  | 15.69905  | 4.527527    | 64.33679  | 34.75905  |
| #1     | -0.000740 | -0.004846 | -0.003091 | -0.017255   | -0.003027 | -0.000342 |
| #2     | -0.000024 | -0.012780 | -0.004045 | -0.018132   | -0.003692 | -0.000296 |
| #3     | -0.000783 | -0.011390 | -0.004174 | -0.016568   | -0.009271 | -0.000163 |

|        |           |
|--------|-----------|
| Elem   | Li6707    |
| Units  | ppm       |
| Avg    | -0.001649 |
| Stddev | .001840   |
| %RSD   | 111.5955  |
| #1     | .000023   |
| #2     | -0.001349 |
| #3     | -0.003621 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1835.259 | 18808.27 | 1833.136 | 1390.319 | 2032.410 |
| Stddev    | 3.116    | 46.98    | 20.175   | 6.640    | 6.211    |
| %RSD      | .1697623 | .2497986 | 1.100584 | .4776243 | .3056109 |
| #1        | 1832.482 | 18754.36 | 1821.991 | 1382.655 | 2025.461 |
| #2        | 1834.665 | 18829.97 | 1856.425 | 1393.926 | 2034.345 |
| #3        | 1838.628 | 18840.49 | 1820.992 | 1394.375 | 2037.423 |

Sample Name: PB165506BS      Acquired: 01/03/2025 20:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS506      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223933 | .0518760 | .0179377 | .0618199 | .1109769 | .3971356 |
| Stddev | .0037312 | .0055233 | .0040901 | .0062118 | .0022252 | .0267045 |
| %RSD   | 16.66212 | 10.64709 | 22.80157 | 10.04823 | 2.005108 | 6.724285 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0236425 | .0554755 | .0211534 | .0563536 | .1127876 | .4205322 |
| #2 | .0253397 | .0546357 | .0133343 | .0685750 | .1084928 | .4028323 |
| #3 | .0181978 | .0455167 | .0193253 | .0605311 | .1116503 | .3680424 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4110614 | .0105437 | .0098696 | 10.32410 | .0211043 | .1010327 |
| Stddev | .0028767 | .0000564 | .0000442 | .07240   | .0009366 | .0009224 |
| %RSD   | .6998233 | .5352849 | .4483604 | .7012976 | 4.437896 | .9130072 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4141943 | .0104796 | .0098299 | 10.33488 | .0213383 | .1015846 |
| #2 | .4085388 | .0105653 | .0098616 | 10.39051 | .0219017 | .0999678 |
| #3 | .4104512 | .0105861 | .0099174 | 10.24691 | .0200729 | .1015458 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0439101 | .1958712 | .0373480 | 10.44782 | .0795464 | .0203352 |
| Stddev | .0079275 | .0204797 | .0028115 | .06105   | .0020722 | .0008908 |
| %RSD   | 18.05385 | 10.45568 | 7.527897 | .5842955 | 2.604989 | 4.380373 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0479927 | .2054459 | .0352369 | 10.43187 | .0816357 | .0194043 |
| #2 | .0347735 | .2098098 | .0405394 | 10.51526 | .0774917 | .0211795 |
| #3 | .0489642 | .1723579 | .0362676 | 10.39634 | .0795117 | .0204217 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.576662 | .0979204 | .1179765 | 9.510684 | .0184639 | F -.001208 |
| Stddev | .059396  | .0072920 | .0011912 | .164296  | .0010986 | .001704    |
| %RSD   | .7839298 | 7.446810 | 1.009660 | 1.727489 | 5.950055 | 141.0494   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.598478 | .1002708 | .1182840 | 9.690923 | .0182480 | -.002929 |
| #2 | 7.622065 | .1037473 | .1166617 | 9.369295 | .0174893 | .000479  |
| #3 | 7.509444 | .0897431 | .1189837 | 9.471834 | .0196544 | -.001175 |

Sample Name: PB165506BS      Acquired: 01/03/2025 20:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS506      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0209317 | .1648274 | F .4929516 | F -.003427 | .1860156 | .2123127 |
| Stddev | .0006027 | .0078038 | .0033762   | .001918    | .0060144 | .0013391 |
| %RSD   | 2.879243 | 4.734522 | .6848864   | 55.97961   | 3.233256 | .6306955 |
| #1     | .0206535 | .1558534 | .4941202   | -.004136   | .1836760 | .2128335 |
| #2     | .0216232 | .1700215 | .4955882   | -.004889   | .1815225 | .2133132 |
| #3     | .0205183 | .1686071 | .4891464   | -.001255   | .1928482 | .2107915 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0268758 |
| Stddev | .0046069 |
| %RSD   | 17.14133 |
| #1     | .0317673 |
| #2     | .0262408 |
| #3     | .0226194 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1808.088 | 18558.65 | 1801.006 | 1362.804 | 2000.466 |
| Stddev    | 4.082    | 112.62   | 7.987    | 8.302    | 2.378    |
| %RSD      | .2257841 | .6068432 | .4434471 | .6092022 | .1188622 |
| #1        | 1810.642 | 18454.98 | 1795.562 | 1353.239 | 1998.246 |
| #2        | 1810.242 | 18542.49 | 1797.282 | 1367.026 | 2002.975 |
| #3        | 1803.380 | 18678.48 | 1810.174 | 1368.147 | 2000.178 |



Sample Name: PB165632BL      Acquired: 01/03/2025 21:02:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS632      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003553 | .0016824 | -.002483 | .0000076 | .0046906 | .0046793 |
| Stddev | .003488  | .0033177 | .001564  | .0032956 | .0019562 | .0071889 |
| %RSD   | 98.16842 | 197.1979 | 62.99782 | 43172.02 | 41.70505 | 153.6325 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005883 | .0001376 | -.002150 | -.003664 | .0046931 | -.003553 |
| #2 | .000457  | .0054909 | -.004188 | .002709  | .0066456 | .009720  |
| #3 | -.005234 | -.000581 | -.001112 | .000978  | .0027332 | .007870  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004487 | -.000115 | .0000050 | -.047972 | -.000641 | -.000006 |
| Stddev | .004254  | .000275  | .0000944 | .010043  | .000671  | .000466  |
| %RSD   | 94.80787 | 238.8177 | 1887.228 | 20.93608 | 104.6552 | 7618.927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009101 | .000196  | -.000034 | -.037846 | .000026  | .000245  |
| #2 | -.003636 | -.000215 | -.000063 | -.057931 | -.001317 | .000281  |
| #3 | -.000722 | -.000326 | .000113  | -.048139 | -.000634 | -.000544 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.017020 | -.004967 | .0050480 | -.132243 | -.000623 | .0010331 |
| Stddev | .013731  | .007490  | .0013422 | .031920  | .001078  | .0005766 |
| %RSD   | 80.67381 | 150.8093 | 26.58905 | 24.13720 | 173.1350 | 55.81831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002754 | -.007001 | .0044875 | -.096662 | -.001513 | .0003674 |
| #2 | -.018162 | .003331  | .0040768 | -.158361 | .000577  | .0013523 |
| #3 | -.030144 | -.011229 | .0065796 | -.141706 | -.000933 | .0013795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000154 | -.003663 | -.000563 | .1199239 | .0006298 | -.003307 |
| Stddev | .0148456 | .008077  | .000356  | .0900399 | .0017857 | .001437  |
| %RSD   | 96178.67 | 220.5224 | 63.21790 | 75.08088 | 283.5381 | 43.43538 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0078960 | .001912  | -.000971 | .0423865 | .0022055 | -.003711 |
| #2 | -.017109 | -.012926 | -.000399 | .2186772 | -.001310 | -.001712 |
| #3 | .009259  | .000026  | -.000318 | .0987080 | .000994  | -.004499 |

Sample Name: PB165632BL      Acquired: 01/03/2025 21:02:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS632      Custom ID2:      Custom ID3:  
Comment:

|        |           |           |           |             |           |           |
|--------|-----------|-----------|-----------|-------------|-----------|-----------|
| Elem   | Mo2020    | S_1820    | Si2516    | Sn1899      | Ti3361    | Sr4077    |
| Units  | ppm       | ppm       | ppm       | ppm         | ppm       | ppm       |
| Avg    | -0.000755 | -0.009615 | -0.002711 | F -0.017298 | -0.005226 | -0.000149 |
| Stddev | .000249   | .003076   | .001175   | .002613     | .000554   | .000299   |
| %RSD   | 32.96535  | 31.99554  | 43.36436  | 15.10372    | 10.60187  | 200.4294  |
| #1     | -0.001024 | -0.009293 | -0.003248 | -0.017442   | -0.005155 | -0.000145 |
| #2     | -0.000707 | -0.012840 | -0.003521 | -0.014616   | -0.005813 | -0.000450 |
| #3     | -0.000533 | -0.006712 | -0.001363 | -0.019835   | -0.004711 | .000148   |

|        |           |
|--------|-----------|
| Elem   | Li6707    |
| Units  | ppm       |
| Avg    | -0.006881 |
| Stddev | .004694   |
| %RSD   | 68.22441  |
| #1     | -0.001740 |
| #2     | -0.007963 |
| #3     | -0.010940 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1827.175 | 18563.14 | 1805.761 | 1373.960 | 2021.910 |
| Stddev    | .609     | 38.13    | 4.496    | 1.213    | 3.362    |
| %RSD      | .0333042 | .2054203 | .2489866 | .0882728 | .1662801 |
| #1        | 1826.956 | 18607.11 | 1810.368 | 1375.325 | 2019.046 |
| #2        | 1827.863 | 18543.27 | 1801.384 | 1373.551 | 2021.072 |
| #3        | 1826.706 | 18539.05 | 1805.530 | 1373.005 | 2025.612 |

Sample Name: PB165632BS      Acquired: 01/03/2025 21:06:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS632      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214069 | .0511189 | .0157986 | .0633734 | .1084030 | .4058031 |
| Stddev | .0018893 | .0032620 | .0031385 | .0050725 | .0016740 | .0323583 |
| %RSD   | 8.825751 | 6.381292 | 19.86542 | 8.004210 | 1.544275 | 7.973890 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0235688 | .0485166 | .0173065 | .0692172 | .1077685 | .4310168 |
| #2 | .0200725 | .0547784 | .0178985 | .0607952 | .1071389 | .3693161 |
| #3 | .0205794 | .0500616 | .0121908 | .0601077 | .1103015 | .4170762 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4025858 | .0105134 | .0097262 | 10.08805 | .0208094 | .0993491 |
| Stddev | .0032061 | .0001448 | .0000456 | .07423   | .0003482 | .0006206 |
| %RSD   | .7963712 | 1.377370 | .4693850 | .7358675 | 1.673104 | .6246297 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4005723 | .0106789 | .0096766 | 10.00541 | .0207305 | .0999244 |
| #2 | .4062829 | .0104517 | .0097666 | 10.14908 | .0211902 | .0986915 |
| #3 | .4009021 | .0104097 | .0097354 | 10.10967 | .0205074 | .0994314 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0523066 | .2339239 | .0365997 | 10.24635 | .0777299 | .0201950 |
| Stddev | .0113897 | .0594419 | .0008126 | .16577   | .0009319 | .0006401 |
| %RSD   | 21.77483 | 25.41080 | 2.220145 | 1.617799 | 1.198913 | 3.169688 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0471430 | .1912443 | .0370988 | 10.19671 | .0772267 | .0194582 |
| #2 | .0653635 | .2087108 | .0370383 | 10.11108 | .0771578 | .0206148 |
| #3 | .0444133 | .3018167 | .0356621 | 10.43126 | .0788053 | .0205119 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.410801 | .0968587 | .1155406 | 9.408834 | .0193141 | F -.004330 |
| Stddev | .029920  | .0162871 | .0009013 | .251603  | .0023245 | .001324    |
| %RSD   | .4037388 | 16.81530 | .7800451 | 2.674114 | 12.03534 | 30.58038   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.444855 | .0825964 | .1159724 | 9.138370 | .0219211 | -.004515 |
| #2 | 7.388727 | .1146063 | .1161448 | 9.635941 | .0185639 | -.005552 |
| #3 | 7.398822 | .0933734 | .1145047 | 9.452191 | .0174573 | -.002923 |

Sample Name: PB165632BS      Acquired: 01/03/2025 21:06:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS632      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0205381 | .1655846 | F .4851462 | F -.004621 | .1888134 | .2091140 |
| Stddev | .0002079 | .0076412 | .0020850   | .000288    | .0066629 | .0006565 |
| %RSD   | 1.012082 | 4.614660 | .4297668   | 6.242162   | 3.528839 | .3139429 |
| #1     | .0205944 | .1722319 | .4874883   | -.004563   | .1811999 | .2085837 |
| #2     | .0203078 | .1672856 | .4834922   | -.004934   | .1935793 | .2098483 |
| #3     | .0207119 | .1572363 | .4844581   | -.004366   | .1916611 | .2089101 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0218840 |
| Stddev | .0027026 |
| %RSD   | 12.34957 |
| #1     | .0188137 |
| #2     | .0229355 |
| #3     | .0239028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1820.406 | 18604.18 | 1809.971 | 1369.627 | 2015.432 |
| Stddev    | .963     | 109.68   | 4.285    | 3.264    | 1.341    |
| %RSD      | .0529113 | .5895633 | .2367504 | .2383047 | .0665572 |
| #1        | 1820.977 | 18669.57 | 1805.048 | 1365.966 | 2015.840 |
| #2        | 1819.294 | 18477.55 | 1812.862 | 1370.680 | 2013.935 |
| #3        | 1820.947 | 18665.42 | 1812.004 | 1372.234 | 2016.523 |

Sample Name: PB165726BL      Acquired: 01/03/2025 21:10:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS726      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003697 | -.000347 | -.001355 | .0018664 | .0004198 | -.025270 |
| Stddev | .002104  | .004840  | .001684  | .0043117 | .0014821 | .049967  |
| %RSD   | 56.91687 | 1395.610 | 124.3345 | 231.0210 | 352.9984 | 197.7338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005265 | -.004218 | -.002903 | .0050461 | .0016522 | .011059  |
| #2 | -.004522 | -.001902 | .000439  | .0035943 | -.001225 | -.004616 |
| #3 | -.001305 | .005079  | -.001601 | -.003041 | .000832  | -.082252 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005767 | -.000015 | -.000040 | -.054383 | -.000712 | .0000371 |
| Stddev | .003123  | .000121  | .000090  | .041261  | .000648  | .0006048 |
| %RSD   | 54.15870 | 811.4022 | 224.3355 | 75.87145 | 91.04060 | 1629.632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003679 | .000121  | .000019  | -.046175 | -.001038 | -.000644 |
| #2 | -.009357 | -.000054 | .000004  | -.017843 | .000034  | .000510  |
| #3 | -.004265 | -.000111 | -.000144 | -.099131 | -.001133 | .000246  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007335 | .0021320 | .0060729 | -.142581 | -.000954 | .0004807 |
| Stddev | .010689  | .0471675 | .0023470 | .026313  | .000609  | .0018279 |
| %RSD   | 145.7344 | 2212.407 | 38.64769 | 18.45447 | 63.85884 | 380.2218 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002369 | .0420090 | .0034253 | -.160249 | -.000474 | -.000407 |
| #2 | -.000031 | -.049934 | .0068958 | -.155153 | -.000748 | .002583  |
| #3 | -.019604 | .014320  | .0078978 | -.112341 | -.001639 | -.000734 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.018596 | -.002512 | -.001384 | .0852797 | -.002878 | -.004916 |
| Stddev | .029339  | .005378  | .001026  | .1794741 | .000997  | .000723  |
| %RSD   | 157.7659 | 214.0814 | 74.13143 | 210.4536 | 34.65508 | 14.69804 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.022583 | -.004614 | -.002350 | .0026907 | -.001758 | -.004791 |
| #2 | -.045738 | -.006521 | -.001497 | .2911805 | -.003670 | -.004264 |
| #3 | .012532  | .003599  | -.000306 | -.038032 | -.003205 | -.005693 |

Sample Name: PB165726BL      Acquired: 01/03/2025 21:10:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS726      Custom ID2:      Custom ID3:  
Comment:

|        |           |           |           |             |           |           |
|--------|-----------|-----------|-----------|-------------|-----------|-----------|
| Elem   | Mo2020    | S_1820    | Si2516    | Sn1899      | Ti3361    | Sr4077    |
| Units  | ppm       | ppm       | ppm       | ppm         | ppm       | ppm       |
| Avg    | -0.000350 | -0.013565 | -0.003523 | F -0.018205 | -0.004076 | .0000109  |
| Stddev | .000740   | .001043   | .000354   | .002480     | .002679   | .0000723  |
| %RSD   | 211.5852  | 7.686954  | 10.03570  | 13.62162    | 65.71467  | 664.5559  |
| #1     | -0.001144 | -0.013743 | -0.003275 | -0.020831   | -0.005243 | .0000700  |
| #2     | -0.000225 | -0.012445 | -0.003928 | -0.017879   | -0.001012 | -0.000070 |
| #3     | .000320   | -0.014508 | -0.003367 | -0.015904   | -0.005973 | .000032   |

|        |           |
|--------|-----------|
| Elem   | Li6707    |
| Units  | ppm       |
| Avg    | -0.011445 |
| Stddev | .004145   |
| %RSD   | 36.21468  |
| #1     | -0.014687 |
| #2     | -0.012874 |
| #3     | -0.006775 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1870.577 | 19171.22 | 1862.510 | 1413.518 | 2071.534 |
| Stddev    | 2.925    | 109.86   | 4.423    | 7.413    | 3.562    |
| %RSD      | .1563741 | .5730559 | .2374633 | .5244594 | .1719376 |
| #1        | 1867.224 | 19297.38 | 1866.752 | 1422.031 | 2067.421 |
| #2        | 1872.607 | 19096.62 | 1862.851 | 1408.488 | 2073.547 |
| #3        | 1871.900 | 19119.66 | 1857.927 | 1410.034 | 2073.633 |

Sample Name: PB165726BS      Acquired: 01/03/2025 21:14:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS726      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201319 | .0511919 | .0166744 | .0591416 | .1070009 | .3969919 |
| Stddev | .0036683 | .0032512 | .0022113 | .0015472 | .0009282 | .0566595 |
| %RSD   | 18.22127 | 6.351019 | 13.26186 | 2.616019 | .8674373 | 14.27221 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0232231 | .0521652 | .0141368 | .0573621 | .1064678 | .3348383 |
| #2 | .0210941 | .0475653 | .0176976 | .0598949 | .1064622 | .4103770 |
| #3 | .0160784 | .0538454 | .0181889 | .0601678 | .1080726 | .4457604 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4092805 | .0104986 | .0097026 | 10.05507 | .0208103 | .0992810 |
| Stddev | .0004044 | .0000479 | .0002135 | .07247   | .0007031 | .0009030 |
| %RSD   | .0988145 | .4558325 | 2.200784 | .7207401 | 3.378452 | .9095181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4094074 | .0105157 | .0097525 | 10.00277 | .0216220 | .1002007 |
| #2 | .4088278 | .0105355 | .0094685 | 10.13779 | .0204150 | .0983957 |
| #3 | .4096063 | .0104445 | .0098868 | 10.02464 | .0203939 | .0992466 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0464451 | .2203678 | .0376027 | 10.19974 | .0779905 | .0196362 |
| Stddev | .0048056 | .0753433 | .0012366 | .04542   | .0006425 | .0013925 |
| %RSD   | 10.34684 | 34.18979 | 3.288527 | .4453248 | .8237976 | 7.091331 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0411742 | .1337410 | .0361852 | 10.24318 | .0786704 | .0194047 |
| #2 | .0505830 | .2706425 | .0384605 | 10.15256 | .0773934 | .0211299 |
| #3 | .0475779 | .2567199 | .0381623 | 10.20347 | .0779076 | .0183740 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.388636 | .0967706 | .1141049 | 9.363015 | .0194080 | F -.004261 |
| Stddev | .021457  | .0104000 | .0016504 | .107990  | .0007191 | .000857    |
| %RSD   | .2904061 | 10.74701 | 1.446420 | 1.153368 | 3.705066 | 20.12095   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.410687 | .1020420 | .1155004 | 9.287337 | .0185804 | -.003523 |
| #2 | 7.387394 | .0847905 | .1145310 | 9.486682 | .0198809 | -.005202 |
| #3 | 7.367827 | .1034793 | .1122831 | 9.315025 | .0197625 | -.004059 |

Sample Name: PB165726BS      Acquired: 01/03/2025 21:14:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS726      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0195964 | .1635591 | F .4851040 | F -.004972 | .1971110 | .2082546 |
| Stddev | .0007956 | .0057810 | .0036169   | .001007    | .0065066 | .0005582 |
| %RSD   | 4.059909 | 3.534486 | .7455945   | 20.25306   | 3.300962 | .2680555 |
| #1     | .0193989 | .1598898 | .4886558   | -.004473   | .1931485 | .2088988 |
| #2     | .0204721 | .1702230 | .4814253   | -.006131   | .2046203 | .2079123 |
| #3     | .0189181 | .1605645 | .4852310   | -.004312   | .1935642 | .2079528 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0201192 |
| Stddev | .0033442   |
| %RSD   | 16.62212   |
| #1     | .0162576   |
| #2     | .0220394   |
| #3     | .0220607   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1829.210 | 18935.45 | 1825.782 | 1393.709 | 2024.040 |
| Stddev    | 14.361   | 235.99   | 8.082    | 12.818   | 12.103   |
| %RSD      | .7851115 | 1.246296 | .4426473 | .9197100 | .5979476 |
| #1        | 1812.725 | 18814.76 | 1817.798 | 1384.308 | 2010.101 |
| #2        | 1835.899 | 18784.21 | 1833.958 | 1388.509 | 2031.879 |
| #3        | 1839.008 | 19207.38 | 1825.589 | 1408.310 | 2030.141 |



Sample Name: PB165741BL      Acquired: 01/03/2025 21:18:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS741      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028066 | -.001534 | -.000279 | .0078581 | -.001148 | -.011688 |
| Stddev | .0027792 | .003935  | .000735  | .0013628 | .002137  | .038452  |
| %RSD   | 99.02246 | 256.5339 | 263.6892 | 17.34275 | 186.1053 | 329.0020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044045 | .001592  | .000316  | .0068360 | .001305  | .012257  |
| #2 | .0044179 | -.000241 | -.001101 | .0094053 | -.002149 | -.056042 |
| #3 | -.000403 | -.005952 | -.000051 | .0073328 | -.002601 | .008722  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006544 | -.000036 | .0000167 | -.043454 | -.000676 | -.000254 |
| Stddev | .001348  | .000105  | .0000478 | .033954  | .000465  | .000129  |
| %RSD   | 20.59609 | 291.8183 | 285.9200 | 78.13789 | 68.77573 | 50.87765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006351 | -.000039 | .0000448 | -.081760 | -.000802 | -.000402 |
| #2 | -.007978 | -.000140 | -.000039 | -.017063 | -.001065 | -.000163 |
| #3 | -.005304 | .000071  | .000044  | -.031539 | -.000161 | -.000197 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002873 | .0195204 | .0050555 | -.043438 | -.001068 | .0009810 |
| Stddev | .010357  | .0354275 | .0015175 | .077127  | .001058  | .0009717 |
| %RSD   | 360.4446 | 181.4895 | 30.01700 | 177.5552 | 99.09129 | 99.04729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .008919  | .0491276 | .0036090 | -.132268 | -.002261 | .0013595 |
| #2 | -.010491 | .0291642 | .0049223 | -.004535 | -.000701 | -.000123 |
| #3 | -.007048 | -.019730 | .0066352 | .006489  | -.000242 | .001706  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016803 | -.010219 | -.000731 | -.142460 | -.000363 | -.004251 |
| Stddev | .012126  | .007504  | .000378  | .088907  | .001519  | .001011  |
| %RSD   | 72.16890 | 73.43067 | 51.71401 | 62.40848 | 418.4705 | 23.77731 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.029094 | -.018030 | -.001123 | -.135118 | -.001180 | -.003469 |
| #2 | -.016464 | -.009562 | -.000369 | -.234810 | .001390  | -.005392 |
| #3 | -.004849 | -.003065 | -.000699 | -.057451 | -.001299 | -.003891 |

Sample Name: PB165741BL      Acquired: 01/03/2025 21:18:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS741      Custom ID2:      Custom ID3:  
Comment:

|        |           |           |           |             |           |           |
|--------|-----------|-----------|-----------|-------------|-----------|-----------|
| Elem   | Mo2020    | S_1820    | Si2516    | Sn1899      | Ti3361    | Sr4077    |
| Units  | ppm       | ppm       | ppm       | ppm         | ppm       | ppm       |
| Avg    | -0.000466 | -0.013487 | -0.002103 | F -0.018243 | -0.006107 | -0.000238 |
| Stddev | .000181   | .000862   | .000437   | .001868     | .004181   | .000390   |
| %RSD   | 38.95781  | 6.394876  | 20.78784  | 10.23976    | 68.47200  | 164.0958  |
| #1     | -0.000274 | -0.014063 | -0.001642 | -0.016171   | -0.010614 | -0.000598 |
| #2     | -0.000489 | -0.012495 | -0.002157 | -0.018761   | -0.005352 | -0.000292 |
| #3     | -0.000635 | -0.013902 | -0.002511 | -0.019798   | -0.002354 | .000177   |

|        |           |
|--------|-----------|
| Elem   | Li6707    |
| Units  | ppm       |
| Avg    | -0.008137 |
| Stddev | .005471   |
| %RSD   | 67.23521  |
| #1     | -0.005449 |
| #2     | -0.014432 |
| #3     | -0.004530 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1845.947 | 18819.27 | 1820.826 | 1386.754 | 2038.714 |
| Stddev    | 4.542    | 74.42    | 5.392    | 4.016    | 4.268    |
| %RSD      | .2460514 | .3954398 | .2961311 | .2895967 | .2093690 |
| #1        | 1851.103 | 18806.82 | 1824.458 | 1385.319 | 2042.684 |
| #2        | 1844.201 | 18751.87 | 1814.631 | 1383.652 | 2039.259 |
| #3        | 1842.538 | 18899.14 | 1823.390 | 1391.290 | 2034.199 |

Sample Name: PB165741BS      Acquired: 01/03/2025 21:22:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS741      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0231362 | .0465857 | .0156790 | .0597945 | .1068443 | .3678857 |
| Stddev | .0031001 | .0052898 | .0023458 | .0048781 | .0006639 | .0412261 |
| %RSD   | 13.39953 | 11.35501 | 14.96148 | 8.158020 | .6213239 | 11.20622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0251430 | .0456244 | .0139500 | .0642386 | .1068533 | .4048620 |
| #2 | .0195656 | .0418424 | .0183492 | .0545754 | .1075036 | .3753620 |
| #3 | .0247000 | .0522902 | .0147377 | .0605695 | .1061760 | .3234330 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4010575 | .0104981 | .0097263 | 10.09915 | .0210063 | .0998132 |
| Stddev | .0037121 | .0000604 | .0000153 | .05437   | .0003633 | .0000941 |
| %RSD   | .9255742 | .5750202 | .1573812 | .5383648 | 1.729569 | .0942599 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4052068 | .0105674 | .0097089 | 10.04641 | .0213783 | .0999144 |
| #2 | .3999144 | .0104696 | .0097327 | 10.09603 | .0209883 | .0997283 |
| #3 | .3980515 | .0104572 | .0097374 | 10.15502 | .0206523 | .0997970 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0494668 | .1862434 | .0359720 | 10.28477 | .0769999 | .0202399 |
| Stddev | .0058574 | .0218105 | .0035782 | .07925   | .0000622 | .0009968 |
| %RSD   | 11.84100 | 11.71075 | 9.947154 | .7705484 | .0807212 | 4.924932 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0428902 | .1911317 | .0370158 | 10.34773 | .0769811 | .0191691 |
| #2 | .0513877 | .2051949 | .0319880 | 10.19578 | .0769493 | .0204097 |
| #3 | .0541225 | .1624035 | .0389123 | 10.31079 | .0770693 | .0211408 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.422465 | .0938242 | .1157250 | 9.334832 | .0188295 | F -.007557 |
| Stddev | .023932  | .0064712 | .0013875 | .125041  | .0017954 | .002007    |
| %RSD   | .3224230 | 6.897152 | 1.198926 | 1.339509 | 9.534840 | 26.55466   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.406393 | .0991584 | .1157707 | 9.283753 | .0173018 | -.005242 |
| #2 | 7.449969 | .0956889 | .1143153 | 9.243416 | .0208070 | -.008806 |
| #3 | 7.411033 | .0866254 | .1170891 | 9.477326 | .0183798 | -.008623 |

Sample Name: PB165741BS      Acquired: 01/03/2025 21:22:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS741      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
|--------|----------|----------|------------|------------|----------|----------|
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0192335 | .1693809 | F .4864442 | F -.003757 | .1910595 | .2085618 |
| Stddev | .0002389 | .0021803 | .0020168   | .000621    | .0031300 | .0008881 |
| %RSD   | 1.241961 | 1.287207 | .4146097   | 16.52918   | 1.638213 | .4258380 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0190363 | .1697837 | .4878773 | -.003926 | .1899100 | .2082207 |
| #2 | .0194991 | .1713317 | .4873174 | -.003069 | .1946017 | .2095700 |
| #3 | .0191650 | .1670273 | .4841379 | -.004276 | .1886668 | .2078948 |

| Elem   | Li6707     |
|--------|------------|
| Units  | ppm        |
| Avg    | F .0171404 |
| Stddev | .0030450   |
| %RSD   | 17.76506   |

|    |          |
|----|----------|
| #1 | .0205522 |
| #2 | .0161707 |
| #3 | .0146983 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1830.350 | 18729.67 | 1820.916 | 1376.112 | 2027.432 |
| Stddev    | 6.089    | 35.02    | 4.188    | 3.926    | 5.565    |
| %RSD      | .3326800 | .1869886 | .2299889 | .2853048 | .2744819 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1830.896 | 18739.44 | 1819.934 | 1379.234 | 2023.823 |
| #2 | 1824.007 | 18758.76 | 1817.306 | 1377.397 | 2024.633 |
| #3 | 1836.149 | 18690.80 | 1825.508 | 1371.704 | 2033.841 |

Sample Name: P5058-03DLX2      Acquired: 01/03/2025 21:26:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0235040 | .0190437 | .1159366 | .0019592 | .0088242 | 27.13311 | .1766855 |
| Stddev | .0019599 | .0046577 | .0002769 | .0065209 | .0046760 | .22586   | .0013049 |
| %RSD   | 8.338693 | 24.45801 | .2388241 | 332.8305 | 52.99041 | .8324014 | .7385551 |
| #1     | .0255828 | .0168985 | .1159996 | .0085165 | .0142227 | 27.30629 | .1781316 |
| #2     | .0232394 | .0243875 | .1156337 | -.004525 | .0062076 | 27.21538 | .1763292 |
| #3     | .0216899 | .0158452 | .1161766 | .001886  | .0060423 | 26.87765 | .1755957 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024074 | .0014614 | 536.4161 | .0411421 | .0743134 | .1483414 | 74.97188 |
| Stddev | .0001073 | .0000857 | 2.0489   | .0015405 | .0002724 | .0125589 | .16077   |
| %RSD   | 4.456465 | 5.862271 | .3819627 | 3.744312 | .3665461 | 8.466226 | .2144452 |
| #1     | .0024852 | .0013862 | 537.5660 | .0393641 | .0739995 | .1623939 | 75.10943 |
| #2     | .0024520 | .0014434 | 537.6318 | .0419836 | .0744887 | .1382133 | 75.01110 |
| #3     | .0022850 | .0015546 | 534.0506 | .0420785 | .0744518 | .1444171 | 74.79513 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.969102 | 135.9789 | .0672690 | -.004736 | .9942176 | .0791702 | .3183849 |
| Stddev | .025500  | .7652    | .0001919 | .001025  | .0182890 | .0085324 | .0020538 |
| %RSD   | .5131635 | .5627224 | .2852840 | 21.63357 | 1.839535 | 10.77732 | .6450811 |
| #1     | 4.986039 | 136.4580 | .0670764 | -.004803 | 1.011355 | .0863417 | .3201460 |
| #2     | 4.981492 | 136.3822 | .0674602 | -.005725 | .974962  | .0697339 | .3161288 |
| #3     | 4.939775 | 135.0964 | .0672702 | -.003680 | .996336  | .0814350 | .3188800 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.138769 | 5.255769 | -.147256 | .0040878 | .6632090 | 7.010219 | .0139784 |
| Stddev | .160043  | .025434  | .004610  | .0012057 | .0041015 | .038785  | .0017967 |
| %RSD   | 3.866925 | .4839268 | 3.130703 | 29.49455 | .6184333 | .5532583 | 12.85340 |
| #1     | 4.322899 | 5.251868 | -.141934 | .0050706 | .6589458 | 6.982549 | .0122212 |
| #2     | 4.060336 | 5.232510 | -.150002 | .0044503 | .6635543 | 7.054551 | .0139019 |
| #3     | 4.033071 | 5.282927 | -.149833 | .0027424 | .6671270 | 6.993559 | .0158122 |

Sample Name: P5058-03DLX2      Acquired: 01/03/2025 21:26:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5448318 | .4213848 | .0570086 |
| Stddev | .0065876 | .0025823 | .0016931 |
| %RSD   | 1.209117 | .6128191 | 2.969918 |
| #1     | .5523162 | .4238235 | .0589621 |
| #2     | .5422662 | .4216513 | .0560998 |
| #3     | .5399129 | .4186795 | .0559640 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1903.424 | 19689.92 | 1953.347 | 1434.002 | 1751.183 |
| Stddev    | 6.530    | 103.64   | 17.273   | 6.216    | 6.592    |
| %RSD      | .3430653 | .5263503 | .8842661 | .4334732 | .3764336 |
| #1        | 1910.592 | 19686.90 | 1956.934 | 1426.880 | 1756.388 |
| #2        | 1901.866 | 19587.83 | 1934.562 | 1436.788 | 1753.391 |
| #3        | 1897.814 | 19795.04 | 1968.544 | 1438.336 | 1743.771 |

Sample Name: P5058-04DLX2      Acquired: 01/03/2025 21:30:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208657 | .0199406 | .1135552 | .0003559 | .0119603 | 26.33030 | .1720297 |
| Stddev | .0006790 | .0040906 | .0029808 | .0048149 | .0058102 | .14198   | .0015972 |
| %RSD   | 3.254207 | 20.51382 | 2.625002 | 1352.890 | 48.57898 | .5392399 | .9284349 |
| #1     | .0206519 | .0206986 | .1126982 | -.002827 | .0165561 | 26.49425 | .1733088 |
| #2     | .0216258 | .0235991 | .1110967 | .005895  | .0054295 | 26.24818 | .1702395 |
| #3     | .0203193 | .0155240 | .1168706 | -.002000 | .0138954 | 26.24846 | .1725406 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024092 | .0015780 | 524.0458 | .0397867 | .0732159 | .1477705 | 73.28918 |
| Stddev | .0001185 | .0000641 | 1.9385   | .0006189 | .0006544 | .0016875 | .23495   |
| %RSD   | 4.918355 | 4.063884 | .3699072 | 1.555485 | .8937679 | 1.141987 | .3205839 |
| #1     | .0025415 | .0015329 | 522.1083 | .0395317 | .0724619 | .1490377 | 73.28961 |
| #2     | .0023128 | .0015496 | 525.9853 | .0404923 | .0736352 | .1484188 | 73.52392 |
| #3     | .0023735 | .0016514 | 524.0437 | .0393360 | .0735506 | .1458549 | 73.05401 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.849601 | 132.6677 | .0642991 | -.004468 | .9572028 | .0533082 | .3144629 |
| Stddev | .007423  | .1385    | .0007087 | .000719  | .0196629 | .0146410 | .0028605 |
| %RSD   | .1530595 | .1043588 | 1.102137 | 16.09391 | 2.054201 | 27.46476 | .9096474 |
| #1     | 4.845527 | 132.5755 | .0637992 | -.005233 | .9704863 | .0619588 | .3152912 |
| #2     | 4.858169 | 132.6006 | .0639881 | -.004366 | .9346145 | .0364038 | .3112796 |
| #3     | 4.845108 | 132.8269 | .0651101 | -.003806 | .9665074 | .0615620 | .3168178 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.272571 | 5.123865 | -.140897 | .0048860 | .6466849 | 6.727525 | .0114116 |
| Stddev | .114596  | .012202  | .001350  | .0004360 | .0037959 | .061865  | .0018712 |
| %RSD   | 2.682132 | .2381326 | .9579290 | 8.923552 | .5869738 | .9195788 | 16.39735 |
| #1     | 4.262005 | 5.111820 | -.139930 | .0043882 | .6462534 | 6.794177 | .0127122 |
| #2     | 4.392084 | 5.136217 | -.140323 | .0052002 | .6431233 | 6.671941 | .0122555 |
| #3     | 4.163624 | 5.123558 | -.142439 | .0050696 | .6506781 | 6.716456 | .0092671 |

Sample Name: P5058-04DLX2      Acquired: 01/03/2025 21:30:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5208268 | .4120516 | .0525132 |
| Stddev | .0038289 | .0010323 | .0026436 |
| %RSD   | .7351684 | .2505174 | 5.034078 |
| #1     | .5252119 | .4109610 | .0501737 |
| #2     | .5181452 | .4121804 | .0519850 |
| #3     | .5191233 | .4130134 | .0553810 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1886.447 | 19561.10 | 1960.350 | 1423.242 | 1745.832 |
| Stddev    | 6.169    | 58.03    | 13.714   | 5.111    | 6.088    |
| %RSD      | .3270182 | .2966690 | .6995461 | .3591404 | .3487016 |
| #1        | 1887.042 | 19588.73 | 1945.528 | 1420.464 | 1748.496 |
| #2        | 1892.298 | 19494.42 | 1972.587 | 1429.141 | 1750.133 |
| #3        | 1880.003 | 19600.16 | 1962.936 | 1420.122 | 1738.866 |



Sample Name: P5058-03DLX10      Acquired: 01/03/2025 21:34:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062556 | .0204715 | .0279496 | -.020525 | .0015833 | 5.892354 | .0348348 |
| Stddev | .0052034 | .0044459 | .0031681 | .004391  | .0037514 | .014705  | .0015597 |
| %RSD   | 83.18100 | 21.71751 | 11.33493 | 21.39489 | 236.9284 | .2495591 | 4.477570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030290 | .0166050 | .0301097 | -.021265 | -.002472 | 5.897221 | .0364160 |
| #2 | .0034793 | .0253294 | .0243127 | -.024499 | .004929  | 5.904008 | .0347909 |
| #3 | .0122583 | .0194800 | .0294263 | -.015811 | .002293  | 5.875833 | .0332974 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005154 | .0002652 | 118.7278 | .0094141 | .0350656 | .0267587 | 16.82775 |
| Stddev | .0000471 | .0001369 | .6657    | .0003570 | .0003341 | .0108798 | .11322   |
| %RSD   | 9.139396 | 51.64232 | .5607344 | 3.791961 | .9528966 | 40.65884 | .6728365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005200 | .0002221 | 119.4461 | .0094681 | .0353729 | .0212980 | 16.94354 |
| #2 | .0005601 | .0004185 | 118.6060 | .0097410 | .0347099 | .0196908 | 16.82243 |
| #3 | .0004662 | .0001550 | 118.1314 | .0090332 | .0351141 | .0392872 | 16.71728 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.121189 | 30.92831 | .0102596 | .0001137 | .1890117 | .0202640 | .0764523 |
| Stddev | .007759  | .18287   | .0003489 | .0014950 | .0104496 | .0076353 | .0007745 |
| %RSD   | .6920097 | .5912839 | 3.400923 | 1314.638 | 5.528529 | 37.67894 | 1.013014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.127010 | 31.13269 | .0106428 | -.001587 | .1802319 | .0210605 | .0759512 |
| #2 | 1.124175 | 30.87208 | .0101759 | .000708  | .2005696 | .0122617 | .0773443 |
| #3 | 1.112380 | 30.78015 | .0099602 | .001220  | .1862337 | .0274698 | .0760614 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8958162 | 1.005721 | -.040085 | .0042879 | .1278485 | 1.540849 | .0067238 |
| Stddev | .2225427 | .004388  | .004030  | .0008452 | .0074553 | .007515  | .0017133 |
| %RSD   | 24.84245 | .4363257 | 10.05283 | 19.71113 | 5.831378 | .4877369 | 25.48071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6737846 | 1.004321 | -.040986 | .0044420 | .1239311 | 1.549526 | .0048072 |
| #2 | .8947977 | 1.010639 | -.035681 | .0050454 | .1364459 | 1.536637 | .0081067 |
| #3 | 1.118866 | 1.002204 | -.043588 | .0033762 | .1231685 | 1.536384 | .0072574 |

Sample Name: P5058-03DLX10      Acquired: 01/03/2025 21:34:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1103158 | .0917972 | .0024886 |
| Stddev | .0031508 | .0008581 | .0061230 |
| %RSD   | 2.856174 | .9347541 | 246.0441 |
| #1     | .1138980 | .0927875 | -.002756 |
| #2     | .1079739 | .0912743 | .001004  |
| #3     | .1090755 | .0913298 | .009217  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1826.652 | 18791.71 | 1824.619 | 1379.250 | 1908.179 |
| Stddev    | 6.496    | 80.45    | 12.481   | 11.632   | 7.810    |
| %RSD      | .3556212 | .4281108 | .6840110 | .8433770 | .4092795 |
| #1        | 1819.341 | 18756.51 | 1812.002 | 1373.129 | 1900.459 |
| #2        | 1831.759 | 18734.86 | 1824.894 | 1371.956 | 1916.076 |
| #3        | 1828.856 | 18883.76 | 1836.959 | 1392.665 | 1908.003 |

Sample Name: P5058-05DLX2      Acquired: 01/03/2025 21:38:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1127930 | .1024849 | .1530888 | .1615863 | .1759474 | 30.23801 | 3.854674 |
| Stddev | .0042677 | .0022104 | .0021310 | .0026501 | .0036029 | .28609   | .022518  |
| %RSD   | 3.783641 | 2.156767 | 1.392024 | 1.640067 | 2.047698 | .9461285 | .5841752 |
| #1     | .1141051 | .1026576 | .1510678 | .1588011 | .1731594 | 29.90785 | 3.832735 |
| #2     | .1162506 | .1001932 | .1528836 | .1640766 | .1800155 | 30.39351 | 3.877729 |
| #3     | .1080233 | .1046038 | .1553150 | .1618813 | .1746673 | 30.41268 | 3.853557 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0965363 | .1015768 | 532.2494 | .4191243 | 1.059068 | .5774872 | 76.17358 |
| Stddev | .0003789 | .0002372 | 2.9087   | .0011064 | .001435  | .0060793 | .61108   |
| %RSD   | .3924691 | .2335369 | .5464864 | .2639890 | .1355142 | 1.052711 | .8022200 |
| #1     | .0961317 | .1014196 | 529.2799 | .4187487 | 1.059177 | .5705026 | 75.48870 |
| #2     | .0965945 | .1014611 | 535.0932 | .4203696 | 1.057581 | .5815874 | 76.66307 |
| #3     | .0968827 | .1018497 | 532.3750 | .4182546 | 1.060445 | .5803715 | 76.36896 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.842711 | 134.8271 | 1.076161 | .0625600 | .9507669 | .9952649 | 1.141485 |
| Stddev | .036908  | 1.0358   | .002474  | .0007531 | .0268086 | .0025323 | .003309  |
| %RSD   | .6316924 | .7682063 | .2298851 | 1.203754 | 2.819685 | .2544369 | .2898553 |
| #1     | 5.800302 | 133.6326 | 1.075095 | .0626272 | .9480069 | .9938713 | 1.137671 |
| #2     | 5.867562 | 135.4750 | 1.074400 | .0632772 | .9788487 | .9937356 | 1.143199 |
| #3     | 5.860269 | 135.3738 | 1.078990 | .0617756 | .9254450 | .9981880 | 1.143585 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.224687 | 5.192340 | -.147968 | .0045431 | .6573855 | 6.875674 | .0136315 |
| Stddev | .058955  | .012928  | .000819  | .0003371 | .0044598 | .044386  | .0027685 |
| %RSD   | 1.395492 | .2489783 | .5536082 | 7.419914 | .6784194 | .6455453 | 20.30937 |
| #1     | 4.165220 | 5.189341 | -.147022 | .0048338 | .6548417 | 6.824552 | .0112853 |
| #2     | 4.225724 | 5.181175 | -.148432 | .0041736 | .6625351 | 6.904388 | .0129243 |
| #3     | 4.283117 | 5.206504 | -.148449 | .0046220 | .6547796 | 6.898082 | .0166850 |

Sample Name: P5058-05DLX2      Acquired: 01/03/2025 21:38:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL82S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5310611 | .4161045 | .0554383 |
| Stddev | .0134218 | .0032771 | .0002756 |
| %RSD   | 2.527352 | .7875673 | .4972070 |
| #1     | .5156741 | .4127209 | .0555433 |
| #2     | .5403594 | .4192636 | .0556460 |
| #3     | .5371497 | .4163290 | .0551256 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1889.099 | 19596.19 | 1940.200 | 1421.862 | 1749.086 |
| Stddev    | 2.243    | 27.78    | 12.236   | .568     | 1.070    |
| %RSD      | .1187582 | .1417499 | .6306707 | .0399521 | .0611977 |
| #1        | 1890.839 | 19586.14 | 1953.873 | 1422.200 | 1749.546 |
| #2        | 1886.567 | 19574.84 | 1930.280 | 1421.206 | 1747.863 |
| #3        | 1889.891 | 19627.60 | 1936.446 | 1422.181 | 1749.850 |

Sample Name: P5058-06DLX2      Acquired: 01/03/2025 21:42:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL83      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0263181 | .0242787 | .1247431 | -.007376 | .0055282 | 20.42231 | .1647631 |
| Stddev | .0023624 | .0027721 | .0023215 | .002954  | .0022047 | .09949   | .0050958 |
| %RSD   | 8.976480 | 11.41780 | 1.861068 | 40.05041 | 39.88152 | .4871617 | 3.092821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0287856 | .0253061 | .1268995 | -.004794 | .0033212 | 20.41601 | .1674220 |
| #2 | .0260917 | .0263904 | .1250441 | -.006737 | .0077307 | 20.32612 | .1588877 |
| #3 | .0240771 | .0211396 | .1222857 | -.010597 | .0055328 | 20.52480 | .1679795 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021031 | .0013336 | 474.4691 | .0370122 | .0621199 | .1041338 | 61.89251 |
| Stddev | .0000807 | .0001541 | 2.5068   | .0005265 | .0000900 | .0029634 | .23730   |
| %RSD   | 3.835836 | 11.55639 | .5283326 | 1.422480 | .1448369 | 2.845766 | .3834130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020396 | .0012899 | 475.8035 | .0369593 | .0620654 | .1007946 | 61.99305 |
| #2 | .0020760 | .0012060 | 471.5774 | .0365142 | .0622238 | .1051560 | 61.62148 |
| #3 | .0021939 | .0015048 | 476.0263 | .0375632 | .0620706 | .1064508 | 62.06298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.945597 | 54.55961 | .0465242 | -.001620 | .6739761 | .0551515 | .2774679 |
| Stddev | .012664  | .12258   | .0007560 | .000873  | .0201792 | .0024650 | .0003699 |
| %RSD   | .4299441 | .2246710 | 1.625077 | 53.88602 | 2.994047 | 4.469522 | .1333171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.945994 | 54.49409 | .0464750 | -.000632 | .6558671 | .0547166 | .2771142 |
| #2 | 2.932739 | 54.48372 | .0473037 | -.001939 | .6703322 | .0529329 | .2778522 |
| #3 | 2.958058 | 54.70103 | .0457940 | -.002288 | .6957289 | .0578050 | .2774373 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.325828 | 2.757312 | -.115066 | .0047287 | .5300995 | 5.596322 | .0086803 |
| Stddev | .167921  | .005910  | .002285  | .0007704 | .0036158 | .042967  | .0014332 |
| %RSD   | 5.048987 | .2143366 | 1.985876 | 16.29091 | .6820931 | .7677662 | 16.51083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.519700 | 2.763261 | -.114183 | .0056137 | .5259411 | 5.631357 | .0098771 |
| #2 | 3.231626 | 2.757232 | -.113354 | .0042087 | .5318557 | 5.548382 | .0090716 |
| #3 | 3.226158 | 2.751442 | -.117661 | .0043637 | .5325017 | 5.609228 | .0070920 |

Sample Name: P5058-06DLX2      Acquired: 01/03/2025 21:42:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL83      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2043839 | .4084279 | .0305972 |
| Stddev | .0036058 | .0032217 | .0022127 |
| %RSD   | 1.764212 | .7888114 | 7.231576 |
| #1     | .2002312 | .4079460 | .0285961 |
| #2     | .2067201 | .4054743 | .0302220 |
| #3     | .2062005 | .4118635 | .0329735 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1869.527 | 19248.03 | 1904.871 | 1407.322 | 1797.117 |
| Stddev    | 5.892    | 85.71    | 8.868    | 4.136    | 6.906    |
| %RSD      | .3151361 | .4453067 | .4655611 | .2938609 | .3842796 |
| #1        | 1867.774 | 19274.95 | 1895.299 | 1409.372 | 1794.296 |
| #2        | 1864.711 | 19152.09 | 1912.808 | 1402.561 | 1792.068 |
| #3        | 1876.096 | 19317.05 | 1906.506 | 1410.031 | 1804.987 |

Sample Name: P5058-20DLX2      Acquired: 01/03/2025 21:45:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0320606 | .0208687 | .1313557 | -.005232 | .0086001 | 20.44181 | .2785463 |
| Stddev | .0012644 | .0057131 | .0018236 | .001719  | .0043618 | .06541   | .0033662 |
| %RSD   | 3.943798 | 27.37648 | 1.388281 | 32.85043 | 50.71768 | .3199876 | 1.208502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0306076 | .0206416 | .1324568 | -.007187 | .0044692 | 20.42200 | .2792417 |
| #2 | .0326632 | .0152726 | .1323595 | -.004552 | .0081701 | 20.38859 | .2815105 |
| #3 | .0329110 | .0266921 | .1292507 | -.003958 | .0131609 | 20.51483 | .2748867 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020256 | .0013858 | 499.9387 | .0372593 | .0682070 | .1883616 | 68.26305 |
| Stddev | .0000994 | .0000373 | 1.7230   | .0001429 | .0003138 | .0062322 | .32881   |
| %RSD   | 4.904965 | 2.694800 | .3446401 | .3834482 | .4600598 | 3.308640 | .4816800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020355 | .0014189 | 498.9665 | .0373936 | .0680249 | .1874906 | 67.92301 |
| #2 | .0021196 | .0013453 | 498.9216 | .0371092 | .0685693 | .1949835 | 68.28680 |
| #3 | .0019217 | .0013932 | 501.9281 | .0372751 | .0680266 | .1826107 | 68.57934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.682215 | 58.38148 | .0617102 | -.003929 | .6840010 | .0510418 | .2152796 |
| Stddev | .036288  | .23455   | .0016594 | .000658  | .0143547 | .0119667 | .0007666 |
| %RSD   | .6386196 | .4017481 | 2.689038 | 16.75784 | 2.098634 | 23.44492 | .3561077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.656453 | 58.17369 | .0604309 | -.003354 | .6713960 | .0374735 | .2158193 |
| #2 | 5.666477 | 58.33494 | .0611144 | -.004647 | .6809819 | .0600903 | .2144021 |
| #3 | 5.723715 | 58.63580 | .0635852 | -.003785 | .6996251 | .0555617 | .2156175 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.856739 | 5.576652 | -.130402 | .0060854 | .5203782 | 5.883996 | .0132965 |
| Stddev | .138401  | .016857  | .000343  | .0010877 | .0095310 | .025136  | .0024883 |
| %RSD   | 3.588557 | .3022831 | .2630748 | 17.87446 | 1.831549 | .4271877 | 18.71418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.697582 | 5.587442 | -.130674 | .0053827 | .5273316 | 5.854972 | .0149219 |
| #2 | 3.923801 | 5.557227 | -.130016 | .0055352 | .5242892 | 5.898425 | .0104318 |
| #3 | 3.948835 | 5.585288 | -.130516 | .0073383 | .5095139 | 5.898591 | .0145356 |

Sample Name: P5058-20DLX2      Acquired: 01/03/2025 21:45:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2952335 | .4451901 | .0416426 |
| Stddev | .0054079 | .0014188 | .0036207 |
| %RSD   | 1.831746 | .3187032 | 8.694729 |
| #1     | .3014224 | .4449472 | .0406315 |
| #2     | .2928598 | .4439085 | .0456614 |
| #3     | .2914184 | .4467148 | .0386349 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1900.608 | 19608.45 | 1936.913 | 1433.734 | 1799.240 |
| Stddev    | 2.954    | 85.71    | 5.878    | 8.431    | 2.243    |
| %RSD      | .1554364 | .4370951 | .3034925 | .5880446 | .1246392 |
| #1        | 1903.976 | 19511.47 | 1942.298 | 1424.005 | 1801.450 |
| #2        | 1899.390 | 19674.04 | 1930.642 | 1438.909 | 1799.305 |
| #3        | 1898.457 | 19639.82 | 1937.800 | 1438.287 | 1796.966 |



Sample Name: P5054-20DLX5      Acquired: 01/03/2025 21:49:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131633 | .0268027 | .0804715 | -.021133 | .0014117 | 9.479435 | .1546106 |
| Stddev | .0047553 | .0020895 | .0058927 | .004819  | .0027891 | .113080  | .0021534 |
| %RSD   | 36.12564 | 7.796068 | 7.322657 | 22.80219 | 197.5799 | 1.192898 | 1.392756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076729 | .0256708 | .0833731 | -.019547 | .0022531 | 9.555738 | .1530866 |
| #2 | .0158386 | .0292140 | .0843507 | -.026545 | .0036832 | 9.349520 | .1570740 |
| #3 | .0159784 | .0255232 | .0736907 | -.017307 | -.001701 | 9.533047 | .1536711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010394 | .0006371 | 410.4339 | .0180865 | .0498499 | .0547706 | 32.37042 |
| Stddev | .0001344 | .0001332 | .7120    | .0009083 | .0008773 | .0063019 | .23024   |
| %RSD   | 12.93615 | 20.91310 | .1734648 | 5.022019 | 1.759959 | 11.50593 | .7112717 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010478 | .0004859 | 410.1738 | .0187921 | .0499096 | .0607615 | 32.58359 |
| #2 | .0009009 | .0006879 | 409.8886 | .0170617 | .0506959 | .0481981 | 32.12625 |
| #3 | .0011695 | .0007375 | 411.2394 | .0184057 | .0489442 | .0553523 | 32.40141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.515278 | 55.40974 | .0248824 | -.000920 | .3894628 | .0247198 | .1076014 |
| Stddev | .013227  | .29566   | .0011130 | .002320  | .0172229 | .0064053 | .0006480 |
| %RSD   | .5258666 | .5335914 | 4.473021 | 252.3002 | 4.422230 | 25.91153 | .6022141 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.520966 | 55.38239 | .0237346 | .001707  | .3938223 | .0184740 | .1069968 |
| #2 | 2.500158 | 55.12871 | .0259570 | -.001774 | .3704790 | .0244118 | .1075218 |
| #3 | 2.524709 | 55.71813 | .0249556 | -.002691 | .4040871 | .0312735 | .1082854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.051735 | 1.237860 | -.063597 | .0049939 | .4138883 | 2.473048 | .0113779 |
| Stddev | .119431  | .004421  | .002891  | .0009617 | .0027322 | .025371  | .0022419 |
| %RSD   | 5.820996 | .3571812 | 4.546468 | 19.25704 | .6601383 | 1.025908 | 19.70381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.181034 | 1.240990 | -.066454 | .0046871 | .4170084 | 2.500282 | .0130482 |
| #2 | 1.945550 | 1.232802 | -.060673 | .0042231 | .4119234 | 2.450080 | .0088299 |
| #3 | 2.028620 | 1.239788 | -.063666 | .0060716 | .4127331 | 2.468782 | .0122554 |

Sample Name: P5054-20DLX5      Acquired: 01/03/2025 21:49:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0911591 | .2643308 | .0123384 |
| Stddev | .0019638 | .0008425 | .0039249 |
| %RSD   | 2.154246 | .3187233 | 31.81044 |
| #1     | .0889357 | .2649229 | .0092306 |
| #2     | .0918850 | .2633663 | .0167491 |
| #3     | .0926566 | .2647032 | .0110356 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1802.966 | 18636.70 | 1826.141 | 1361.372 | 1831.433 |
| Stddev    | .923     | 47.78    | 11.162   | 5.607    | 1.821    |
| %RSD      | .0511957 | .2564013 | .6112206 | .4118887 | .0994062 |
| #1        | 1803.563 | 18691.79 | 1815.612 | 1367.817 | 1831.737 |
| #2        | 1801.903 | 18606.54 | 1837.843 | 1357.613 | 1829.479 |
| #3        | 1803.433 | 18611.75 | 1824.968 | 1358.686 | 1833.082 |

Sample Name: P5054-21DLX2      Acquired: 01/03/2025 21:53:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156668 | .0273678 | .0999445 | -.020996 | .0047557 | 16.01786 | .2079455 |
| Stddev | .0050378 | .0031618 | .0027517 | .007057  | .0034953 | .04731   | .0015225 |
| %RSD   | 32.15600 | 11.55316 | 2.753216 | 33.61199 | 73.49678 | .2953564 | .7321860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0144656 | .0260214 | .1012327 | -.021384 | .0025213 | 15.99254 | .2087031 |
| #2 | .0113381 | .0251021 | .1018159 | -.013753 | .0087837 | 16.07244 | .2061927 |
| #3 | .0211966 | .0309800 | .0967851 | -.027852 | .0029622 | 15.98860 | .2089405 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015513 | .0019822 | 627.5902 | .0361885 | .0620376 | .0595619 | 43.84118 |
| Stddev | .0002751 | .0001319 | .9849    | .0002754 | .0002975 | .0058572 | .33696   |
| %RSD   | 17.73121 | 6.652750 | .1569361 | .7609419 | .4795985 | 9.833791 | .7686038 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014596 | .0021212 | 626.9674 | .0358712 | .0619132 | .0628982 | 43.90346 |
| #2 | .0018605 | .0019664 | 628.7257 | .0363294 | .0623771 | .0527988 | 44.14265 |
| #3 | .0013338 | .0018589 | 627.0775 | .0363649 | .0618224 | .0629887 | 43.47741 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.174717 | 33.35394 | .0497147 | -.002480 | .4543293 | .0296529 | .1539042 |
| Stddev | .035534  | .11737   | .0011812 | .001040  | .0230698 | .0125956 | .0004451 |
| %RSD   | .5754714 | .3518796 | 2.375861 | 41.92848 | 5.077759 | 42.47684 | .2891780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.154441 | 33.31975 | .0506600 | -.002704 | .4797846 | .0291214 | .1540640 |
| #2 | 6.215746 | 33.48460 | .0500934 | -.003390 | .4348020 | .0425058 | .1534013 |
| #3 | 6.153962 | 33.25746 | .0483906 | -.001347 | .4484014 | .0173314 | .1542473 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.338472 | 1.888312 | -.071365 | .0038843 | .5061995 | 5.281642 | .0108675 |
| Stddev | .252610  | .007535  | .001345  | .0011879 | .0086938 | .010801  | .0014621 |
| %RSD   | 4.731873 | .3990347 | 1.885271 | 30.58200 | 1.717472 | .2044971 | 13.45366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.088133 | 1.890370 | -.069893 | .0026994 | .4993904 | 5.286242 | .0122723 |
| #2 | 5.593293 | 1.879962 | -.072530 | .0038784 | .5159923 | 5.289381 | .0093542 |
| #3 | 5.333989 | 1.894604 | -.071673 | .0050752 | .5032158 | 5.269302 | .0109758 |

Sample Name: P5054-21DLX2      Acquired: 01/03/2025 21:53:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1980901 | .3858753 | .0299527 |
| Stddev | .0068401 | .0001005 | .0031706 |
| %RSD   | 3.453020 | .0260440 | 10.58532 |
| #1     | .2005520 | .3859834 | .0270900 |
| #2     | .2033585 | .3857847 | .0333605 |
| #3     | .1903599 | .3858577 | .0294075 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1876.067 | 19387.13 | 1910.893 | 1420.405 | 1804.037 |
| Stddev    | 5.138    | 15.68    | 7.608    | 7.358    | 4.424    |
| %RSD      | .2738654 | .0809013 | .3981643 | .5180537 | .2452336 |
| #1        | 1877.280 | 19370.19 | 1907.544 | 1412.884 | 1805.581 |
| #2        | 1880.489 | 19390.05 | 1905.533 | 1420.741 | 1807.483 |
| #3        | 1870.431 | 19401.15 | 1919.601 | 1427.590 | 1799.049 |

Sample Name: P5056-20      Acquired: 01/03/2025 21:57:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0575916 | .0052586 | .3077626 | .0339479 | .0273399 | 53.12031 |
| Stddev | .0028872 | .0005596 | .0036769 | .0084144 | .0026716 | .05949   |
| %RSD   | 5.013176 | 10.64096 | 1.194721 | 24.78628 | 9.771647 | .1119950 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0583036 | .0048013 | .3035229 | .0427745 | .0304174 | 53.16419 |
| #2 | .0600562 | .0058825 | .3100778 | .0260174 | .0259854 | 53.05260 |
| #3 | .0544151 | .0050919 | .3096872 | .0330516 | .0256168 | 53.14414 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6397460 | .0045528 | .0027828 | F 832.0689 | .0832460 | .1126106 |
| Stddev | .0038946 | .0001259 | .0000171 | 2.4550     | .0002571 | .0009909 |
| %RSD   | .6087643 | 2.766147 | .6157801 | .2950439   | .3088962 | .8799269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6369041 | .0044811 | .0027870 | 829.3468 | .0829730 | .1129724 |
| #2 | .6381486 | .0046982 | .0027639 | 832.7448 | .0834836 | .1114897 |
| #3 | .6441853 | .0044791 | .0027974 | 834.1151 | .0832814 | .1133698 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1482740 | 146.7561 | 8.411857 | 189.6203 | .1613659 | -.007802 |
| Stddev | .0052309 | .3527    | .015094  | .7573    | .0014696 | .000040  |
| %RSD   | 3.527871 | .2403604 | .1794396 | .3993998 | .9107349 | .5146169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1481382 | 147.1592 | 8.428602 | 190.4889 | .1602024 | -.007813 |
| #2 | .1431122 | 146.5039 | 8.407671 | 189.2743 | .1608778 | -.007835 |
| #3 | .1535714 | 146.6052 | 8.399297 | 189.0978 | .1630175 | -.007757 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.264183 | .1192907 | .4542616 | 6.913638 | 4.652343 | -.282962 |
| Stddev | .016731  | .0152409 | .0054474 | .147731  | .013098  | .002454  |
| %RSD   | 1.323456 | 12.77630 | 1.199175 | 2.136800 | .2815294 | .8671540 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.278083 | .1016979 | .4571918 | 6.941277 | 4.639112 | -.285502 |
| #2 | 1.245614 | .1284803 | .4479763 | 7.045597 | 4.652615 | -.280605 |
| #3 | 1.268854 | .1276939 | .4576168 | 6.754039 | 4.665303 | -.282780 |

Sample Name: P5056-20      Acquired: 01/03/2025 21:57:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042576 | 1.312975 | 12.84537 | .0190670 | .7412029 | .6552628 |
| Stddev | .0008200 | .006610  | .09624   | .0018684 | .0021266 | .0005630 |
| %RSD   | 19.25904 | .5034301 | .7492341 | 9.799335 | .2869175 | .0859138 |
| #1     | .0039132 | 1.317047 | 12.94588 | .0175754 | .7426169 | .6559126 |
| #2     | .0051936 | 1.305348 | 12.75406 | .0211628 | .7387572 | .6549228 |
| #3     | .0036660 | 1.316529 | 12.83615 | .0184628 | .7422346 | .6549530 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1044546 |
| Stddev | .0034876 |
| %RSD   | 3.338835 |
| #1     | .1030398 |
| #2     | .1018967 |
| #3     | .1084272 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1919.273 | 19978.58 | 1994.371 | 1449.025 | 1723.641 |
| Stddev    | 3.681    | 71.15    | 4.982    | 1.224    | 6.028    |
| %RSD      | .1917960 | .3561378 | .2497954 | .0845043 | .3497119 |
| #1        | 1921.584 | 20060.54 | 1992.651 | 1450.339 | 1729.046 |
| #2        | 1921.207 | 19942.49 | 1990.477 | 1448.818 | 1724.738 |
| #3        | 1915.028 | 19932.70 | 1999.985 | 1447.917 | 1717.141 |

Sample Name: P5056-21      Acquired: 01/03/2025 22:01:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0584608 | -.001502 | .3010065 | .0352360 | .0288842 | 52.89555 |
| Stddev | .0045561 | .001397  | .0018213 | .0049847 | .0022648 | .10482   |
| %RSD   | 7.793478 | 93.06071 | .6050761 | 14.14646 | 7.841124 | .1981661 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0536316 | -.000032 | .2998674 | .0310706 | .0309029 | 52.81836 |
| #2 | .0626830 | -.001660 | .3000451 | .0338787 | .0293146 | 52.85340 |
| #3 | .0590678 | -.002813 | .3031071 | .0407588 | .0264350 | 53.01488 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6369072 | .0045826 | .0027280 | F 831.0730 | .0826870 | .1115051 |
| Stddev | .0001790 | .0001411 | .0001142 | 1.2404     | .0008467 | .0005820 |
| %RSD   | .0281083 | 3.078488 | 4.185325 | .1492547   | 1.023984 | .5219363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6367005 | .0045032 | .0026435 | 829.9565 | .0830776 | .1119209 |
| #2 | .6370052 | .0047455 | .0026827 | 830.8542 | .0832678 | .1108400 |
| #3 | .6370158 | .0044991 | .0028579 | 832.4082 | .0817155 | .1117544 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1541733 | 146.0309 | 8.383451 | 188.7165 | .1615640 | -.008880 |
| Stddev | .0045686 | .2741    | .005456  | .1633    | .0010792 | .000678  |
| %RSD   | 2.963310 | .1876779 | .0650780 | .0865224 | .6679679 | 7.630483 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1500760 | 145.7417 | 8.377799 | 188.7296 | .1627267 | -.008811 |
| #2 | .1533441 | 146.0642 | 8.388686 | 188.8728 | .1613709 | -.009589 |
| #3 | .1590997 | 146.2868 | 8.383867 | 188.5470 | .1605943 | -.008239 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.246181 | .1256923 | .4549186 | 7.188200 | 4.627271 | -.290169 |
| Stddev | .023623  | .0041706 | .0028143 | .096734  | .011074  | .002164  |
| %RSD   | 1.895654 | 3.318147 | .6186422 | 1.345737 | .2393099 | .7457664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.219265 | .1277145 | .4531153 | 7.108507 | 4.639167 | -.292480 |
| #2 | 1.255803 | .1284663 | .4581615 | 7.295828 | 4.625382 | -.288191 |
| #3 | 1.263475 | .1208960 | .4534789 | 7.160264 | 4.617263 | -.289836 |

Sample Name: P5056-21      Acquired: 01/03/2025 22:01:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055090 | 1.304675 | 12.85043 | .0192801 | .7383918 | .6543318 |
| Stddev | .0007053 | .006786  | .00565   | .0037531 | .0063988 | .0016516 |
| %RSD   | 12.80226 | .5201250 | .0440005 | 19.46641 | .8665827 | .2524069 |
| #1     | .0050073 | 1.300716 | 12.85172 | .0180474 | .7312385 | .6525279 |
| #2     | .0052043 | 1.300798 | 12.84424 | .0234945 | .7435705 | .6557696 |
| #3     | .0063154 | 1.312510 | 12.85533 | .0162983 | .7403664 | .6546979 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1022178 |
| Stddev | .0053615 |
| %RSD   | 5.245216 |
| #1     | .1058601 |
| #2     | .0960612 |
| #3     | .1047322 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1921.783 | 19977.14 | 1989.877 | 1449.831 | 1728.631 |
| Stddev    | 4.383    | 80.24    | 6.259    | 9.441    | 4.054    |
| %RSD      | .2280759 | .4016785 | .3145622 | .6512092 | .2345094 |
| #1        | 1920.204 | 20014.15 | 1995.469 | 1458.682 | 1725.650 |
| #2        | 1918.408 | 19885.07 | 1983.115 | 1439.893 | 1726.995 |
| #3        | 1926.736 | 20032.21 | 1991.047 | 1450.919 | 1733.247 |



Sample Name: P5056-20LX5      Acquired: 01/03/2025 22:05:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068551 | .0201341 | .0659454 | -.020348 | .0043401 | 11.68936 | .1391148 |
| Stddev | .0007875 | .0022608 | .0019612 | .002866  | .0028115 | .05847   | .0020020 |
| %RSD   | 11.48793 | 11.22889 | 2.974044 | 14.08412 | 64.77954 | .5001823 | 1.439103 |
| #1     | .0071761 | .0199247 | .0640114 | -.017233 | .0057011 | 11.71039 | .1397248 |
| #2     | .0074314 | .0224924 | .0658918 | -.020940 | .0062122 | 11.73440 | .1407409 |
| #3     | .0059578 | .0179853 | .0679328 | -.022872 | .0011071 | 11.62329 | .1368788 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010416 | .0004637 | 186.0135 | .0197168 | .0451037 | .0300737 | 32.92192 |
| Stddev | .0002113 | .0001189 | .5715    | .0010582 | .0004479 | .0149511 | .19851   |
| %RSD   | 20.29048 | 25.64948 | .3072527 | 5.367153 | .9930266 | 49.71471 | .6029617 |
| #1     | .0008338 | .0005742 | 185.5377 | .0197819 | .0453300 | .0364529 | 32.92376 |
| #2     | .0010348 | .0004790 | 186.6475 | .0186275 | .0445878 | .0129912 | 33.11950 |
| #3     | .0012563 | .0003378 | 185.8553 | .0207410 | .0453934 | .0407771 | 32.72250 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.905533 | 42.88500 | .0280383 | -.001953 | .2506042 | .0165263 | .1009131 |
| Stddev | .008911  | .04836   | .0012368 | .000297  | .0220492 | .0149292 | .0006181 |
| %RSD   | .4676597 | .1127665 | 4.411106 | 15.19455 | 8.798409 | 90.33588 | .6125498 |
| #1     | 1.897277 | 42.91810 | .0273984 | -.002061 | .2753363 | .0249443 | .1002268 |
| #2     | 1.914980 | 42.90740 | .0294639 | -.002180 | .2330028 | -.000711 | .1014261 |
| #3     | 1.904343 | 42.82950 | .0272525 | -.001617 | .2434735 | .025345  | .1010865 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.342579 | .8871050 | -.070492 | .0060749 | .2485558 | 2.925947 | .0094765 |
| Stddev | .273973  | .0038923 | .000683  | .0007168 | .0074822 | .016499  | .0022745 |
| %RSD   | 20.40645 | .4387649 | .9693837 | 11.79905 | 3.010286 | .5639024 | 24.00110 |
| #1     | 1.445533 | .8906090 | -.069946 | .0060677 | .2460388 | 2.941710 | .0090672 |
| #2     | 1.032044 | .8829154 | -.071259 | .0067953 | .2426566 | 2.927332 | .0119279 |
| #3     | 1.550161 | .8877905 | -.070273 | .0053618 | .2569720 | 2.908798 | .0074345 |

Sample Name: P5056-20LX5      Acquired: 01/03/2025 22:05:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1611930 | .1432868 | .0166477 |
| Stddev | .0027798 | .0001978 | .0021016 |
| %RSD   | 1.724514 | .1380679 | 12.62371 |
| #1     | .1596385 | .1430966 | .0150217 |
| #2     | .1595381 | .1432723 | .0190207 |
| #3     | .1644023 | .1434915 | .0159006 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1835.935 | 18937.11 | 1855.626 | 1388.767 | 1899.286 |
| Stddev    | 4.167    | 96.23    | 6.109    | 8.605    | 7.227    |
| %RSD      | .2269512 | .5081663 | .3292178 | .6196332 | .3805313 |
| #1        | 1837.552 | 18935.48 | 1848.971 | 1394.517 | 1899.437 |
| #2        | 1839.051 | 19034.15 | 1856.930 | 1392.911 | 1906.437 |
| #3        | 1831.203 | 18841.71 | 1860.979 | 1378.874 | 1891.985 |

Sample Name: P5056-22      Acquired: 01/03/2025 22:09:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1396300 | .0869790 | .3490215 | .1872892 | .1810880 | 55.75060 |
| Stddev | .0031977 | .0037341 | .0042246 | .0042600 | .0020461 | .24666   |
| %RSD   | 2.290128 | 4.293096 | 1.210410 | 2.274575 | 1.129914 | .4424371 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1359578 | .0869408 | .3486188 | .1920671 | .1831155 | 55.80692 |
| #2 | .1411327 | .0907321 | .3534331 | .1859135 | .1811250 | 55.48064 |
| #3 | .1417996 | .0832642 | .3450127 | .1838870 | .1790237 | 55.96422 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.169320 | .0945901 | .1004662 | F 821.8517 | .4478793 | 1.083202 |
| Stddev | .030893  | .0016547 | .0004147 | 5.0843     | .0015456 | .002408  |
| %RSD   | .7409490 | 1.749322 | .4127793 | .6186349   | .3450920 | .2222904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.195552 | .0951851 | .1003904 | 825.8340 | .4493194 | 1.083220 |
| #2 | 4.135269 | .0927202 | .1000946 | 816.1248 | .4462463 | 1.080785 |
| #3 | 4.177137 | .0958651 | .1009136 | 823.5962 | .4480723 | 1.085601 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5597367 | 146.8066 | 9.196288 | 187.1251 | 1.152613 | .0566918 |
| Stddev | .0144554 | .5705    | .012446  | 1.2902   | .002863  | .0004942 |
| %RSD   | 2.582537 | .3885728 | .1353411 | .6894647 | .2484055 | .8717281 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5719117 | 147.2452 | 9.199088 | 187.8469 | 1.153577 | .0571952 |
| #2 | .5635379 | 146.1617 | 9.182680 | 185.6356 | 1.149392 | .0562073 |
| #3 | .5437605 | 147.0128 | 9.207095 | 187.8929 | 1.154869 | .0566730 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.279403 | 1.023348 | 1.245697 | 7.153293 | 4.602037 | -.287458 |
| Stddev | .012056  | .010502  | .003479  | .159661  | .010907  | .010459  |
| %RSD   | .9423435 | 1.026214 | .2792806 | 2.231993 | .2370039 | 3.638445 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.288150 | 1.016582 | 1.248353 | 6.991725 | 4.604632 | -.293447 |
| #2 | 1.265650 | 1.018017 | 1.246977 | 7.310976 | 4.590066 | -.275382 |
| #3 | 1.284410 | 1.035446 | 1.241759 | 7.157176 | 4.611412 | -.293547 |

Sample Name: P5056-22      Acquired: 01/03/2025 22:09:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL47S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045563 | 1.291402 | 12.70866 | .0212460 | .7329101 | .6459713 |
| Stddev | .0003820 | .002248  | .25237   | .0015694 | .0078775 | .0024566 |
| %RSD   | 8.383231 | .1741041 | 1.985797 | 7.386632 | 1.074825 | .3803035 |
| #1     | .0043059 | 1.289235 | 12.85310 | .0222270 | .7376033 | .6473158 |
| #2     | .0043670 | 1.291246 | 12.41725 | .0220752 | .7238155 | .6431359 |
| #3     | .0049959 | 1.293724 | 12.85563 | .0194360 | .7373115 | .6474622 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1036255 |
| Stddev | .0022032 |
| %RSD   | 2.126078 |
| #1     | .1025226 |
| #2     | .1021916 |
| #3     | .1061623 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1912.315 | 19820.02 | 1985.453 | 1439.107 | 1721.873 |
| Stddev    | 4.521    | 75.17    | 25.820   | 12.996   | 5.913    |
| %RSD      | .2364261 | .3792661 | 1.300440 | .9030867 | .3434236 |
| #1        | 1912.108 | 19825.93 | 1969.240 | 1443.204 | 1721.150 |
| #2        | 1916.936 | 19742.08 | 2015.227 | 1424.555 | 1728.115 |
| #3        | 1907.901 | 19892.07 | 1971.890 | 1449.560 | 1716.355 |

Sample Name: CCV106      Acquired: 01/03/2025 22:13:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV106      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.012026 | 4.862750 | 24.84115 | 4.934711 | 4.894710 | 398.4733 |
| Stddev | .008751  | .012603  | .02170   | .018703  | .007825  | .8818    |
| %RSD   | .1746023 | .2591771 | .0873398 | .3790105 | .1598688 | .2213059 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.009772 | 4.874094 | 24.82365 | 4.924397 | 4.885803 | 397.5569 |
| #2 | 5.021684 | 4.864971 | 24.83437 | 4.923436 | 4.900476 | 398.5471 |
| #3 | 5.004623 | 4.849183 | 24.86543 | 4.956300 | 4.897852 | 399.3159 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.23961 | .5102126 | 2.504382 | 408.4414 | 15.43508 | 2.507905 |
| Stddev | .03833   | .0041578 | .001909  | 1.2651   | .01695   | .002443  |
| %RSD   | .3743543 | .8149139 | .0762173 | .3097379 | .1098348 | .0974257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.19721 | .5112136 | 2.503808 | 406.9863 | 15.44074 | 2.505115 |
| #2 | 10.27181 | .5056457 | 2.502826 | 409.0575 | 15.41602 | 2.509660 |
| #3 | 10.24980 | .5137786 | 2.506512 | 409.2805 | 15.44848 | 2.508941 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.26664 | 403.4360 | 15.09001 | 402.3397 | 2.520700 | 1.256254 |
| Stddev | .02346   | .7291    | .03892   | .6163    | .002385  | .004546  |
| %RSD   | .1536542 | .1807227 | .2579034 | .1531862 | .0945981 | .3618571 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.24177 | 402.7314 | 15.04663 | 401.7665 | 2.518041 | 1.254774 |
| #2 | 15.28837 | 403.3894 | 15.10155 | 402.2611 | 2.522648 | 1.252632 |
| #3 | 15.26979 | 404.1873 | 15.12186 | 402.9916 | 2.521410 | 1.261355 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 406.5324 | 2.519969 | 14.57110 | 151.4628 | 4.932372 | F 4.386407 |
| Stddev | 1.7791   | .011044  | .04629   | 1.0479   | .011356  | .031581    |
| %RSD   | .4376208 | .4382585 | .3177077 | .6918486 | .2302260 | .7199832   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 407.0690 | 2.528252 | 14.61672 | 150.3374 | 4.939519 | 4.388787 |
| #2 | 404.5468 | 2.507430 | 14.52416 | 152.4105 | 4.938319 | 4.353703 |
| #3 | 407.9814 | 2.524226 | 14.57242 | 151.6404 | 4.919278 | 4.416731 |

Sample Name: CCV106      Acquired: 01/03/2025 22:13:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV106      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.890285 | 4.995076 | 4.998607 | 5.040853 | 5.066037 | 4.781798 |
| Stddev | .003654  | .006113  | .040460  | .005531  | .006854  | .014419  |
| %RSD   | .0747227 | .1223775 | .8094256 | .1097150 | .1352975 | .3015451 |
| #1     | 4.892305 | 4.988521 | 5.009376 | 5.036873 | 5.072652 | 4.765276 |
| #2     | 4.886067 | 5.000622 | 4.953852 | 5.038517 | 5.058966 | 4.791844 |
| #3     | 4.892484 | 4.996084 | 5.032593 | 5.047168 | 5.066494 | 4.788275 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 4.838633 |
| Stddev | .015253  |
| %RSD   | .3152329 |
| #1     | 4.823490 |
| #2     | 4.853993 |
| #3     | 4.838416 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1528.216 | 16627.56 | 1701.434 | 1141.575 | 1636.503 |
| Stddev    | 4.738    | 36.13    | 7.964    | 2.408    | 5.367    |
| %RSD      | .3100164 | .2172907 | .4680973 | .2109466 | .3279745 |
| #1        | 1528.150 | 16638.65 | 1699.570 | 1138.953 | 1636.712 |
| #2        | 1532.986 | 16587.18 | 1710.165 | 1142.087 | 1641.763 |
| #3        | 1523.511 | 16656.84 | 1694.567 | 1143.687 | 1631.034 |

Sample Name: CCB106      Acquired: 01/03/2025 22:16:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB106      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0093386 | .0021804 | -.000179 | .0038079 | -.001911 | -.000669 | -.005516 |
| Stddev | .0019636 | .0023609 | .002326  | .0050411 | .001942  | .038867  | .002065  |
| %RSD   | 21.02705 | 108.2760 | 1299.046 | 132.3846 | 101.6453 | 5811.832 | 37.43733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100465 | .0002420 | .000696  | .0072033 | -.000753 | .044209  | -.003147 |
| #2 | .0071191 | .0014897 | .001582  | .0062049 | -.004154 | -.023456 | -.006937 |
| #3 | .0108500 | .0048096 | -.002816 | -.001984 | -.000827 | -.022760 | -.006465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000014 | .0000177 | .0019438 | -.000004 | -.000041 | -.004141 | .0712651 |
| Stddev | .000098  | .0000443 | .0152862 | .000661  | .000536  | .011148  | .0124422 |
| %RSD   | 706.6667 | 250.4023 | 786.4090 | 16365.31 | 1311.883 | 269.2418 | 17.45902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000013  | .0000546 | .0193886 | -.000056 | .000576  | .001691  | .0637639 |
| #2 | -.000123 | .0000298 | -.004449 | .000682  | -.000311 | -.016995 | .0856273 |
| #3 | .000068  | -.000031 | -.009108 | -.000638 | -.000387 | .002883  | .0644040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021515 | -.075408 | -.000362 | .0008063 | .1589433 | -.012264 | -.000150 |
| Stddev | .0015211 | .039501  | .000247  | .0013163 | .0375085 | .006851  | .000203  |
| %RSD   | 70.70201 | 52.38296 | 68.33045 | 163.2534 | 23.59864 | 55.86426 | 135.1168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011486 | -.041520 | -.000455 | .0011611 | .1987843 | -.005141 | -.000040 |
| #2 | .0039017 | -.118792 | -.000548 | .0019088 | .1537337 | -.012844 | -.000026 |
| #3 | .0014041 | -.065913 | -.000081 | -.000651 | .1243120 | -.018807 | -.000385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3172367 | .0000836 | .0083459 | .0004412 | -.013643 | -.002027 | -.000713 |
| Stddev | .1128477 | .0025464 | .0016012 | .0006339 | .002495  | .000431  | .001396  |
| %RSD   | 35.57207 | 3047.256 | 19.18539 | 143.6841 | 18.28837 | 21.23445 | 195.8497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1929634 | -.002543 | .0065619 | .0007253 | -.016519 | -.001556 | -.001135 |
| #2 | .3454366 | .000251  | .0096584 | .0008832 | -.012052 | -.002126 | .000845  |
| #3 | .4133102 | .002542  | .0088174 | -.000285 | -.012359 | -.002400 | -.001848 |

Sample Name: CCB106      Acquired: 01/03/2025 22:16:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB106      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.009086 | -.000191 | .0034063 |
| Stddev | .002197  | .000160  | .0054148 |
| %RSD   | 24.18365 | 83.88994 | 158.9648 |
| #1     | -.010050 | -.000357 | .0095421 |
| #2     | -.006571 | -.000037 | -.000703 |
| #3     | -.010636 | -.000179 | .001380  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1840.679 | 18887.11 | 1817.749 | 1394.804 | 2036.226 |
| Stddev    | 8.498    | 57.32    | 16.576   | 7.321    | 4.261    |
| %RSD      | .4616618 | .3034760 | .9119176 | .5248833 | .2092557 |
| #1        | 1849.230 | 18823.79 | 1799.058 | 1388.120 | 2037.690 |
| #2        | 1840.571 | 18902.06 | 1830.668 | 1393.664 | 2039.561 |
| #3        | 1832.236 | 18935.47 | 1823.522 | 1402.628 | 2031.426 |



Sample Name: P5056-07DLX2      Acquired: 01/03/2025 22:20:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0554602 | .0121450 | .1331787 | .0070754 | .0139420 | 18.67306 | .1552439 |
| Stddev | .0066819 | .0068831 | .0026608 | .0022688 | .0011639 | .07503   | .0017456 |
| %RSD   | 12.04808 | 56.67491 | 1.997921 | 32.06541 | 8.347984 | .4018014 | 1.124405 |
| #1     | .0631678 | .0062570 | .1361518 | .0096838 | .0140606 | 18.75810 | .1554527 |
| #2     | .0513024 | .0197124 | .1310211 | .0059826 | .0150419 | 18.61621 | .1534033 |
| #3     | .0519105 | .0104654 | .1323632 | .0055599 | .0127233 | 18.64487 | .1568757 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023189 | .0015638 | 589.3152 | .0403809 | .0683613 | .0924912 | 89.19775 |
| Stddev | .0001975 | .0000814 | 1.4337   | .0008791 | .0005625 | .0145914 | .46418   |
| %RSD   | 8.516156 | 5.204312 | .2432879 | 2.177079 | .8228473 | 15.77600 | .5203887 |
| #1     | .0021201 | .0015331 | 590.7387 | .0404934 | .0678778 | .0761494 | 89.64489 |
| #2     | .0023215 | .0015022 | 589.3355 | .0411984 | .0689787 | .1042143 | 88.71824 |
| #3     | .0025151 | .0016561 | 587.8714 | .0394510 | .0682275 | .0971100 | 89.23011 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.556308 | 131.9039 | .0490433 | -.005534 | .8268184 | .0747545 | .2398952 |
| Stddev | .019139  | .6171    | .0016228 | .001812  | .0207511 | .0046729 | .0014664 |
| %RSD   | .5381740 | .4678089 | 3.308893 | 32.74128 | 2.509749 | 6.250997 | .6112756 |
| #1     | 3.569314 | 132.5381 | .0493225 | -.006896 | .8258753 | .0733756 | .2383819 |
| #2     | 3.534331 | 131.3055 | .0472990 | -.006228 | .8065550 | .0799617 | .2413098 |
| #3     | 3.565278 | 131.8683 | .0505084 | -.003478 | .8480250 | .0709262 | .2399939 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.929418 | 2.805261 | -.181872 | .0060732 | .6362009 | 5.471433 | .0152080 |
| Stddev | .047951  | .005778  | .005018  | .0026012 | .0048435 | .007251  | .0011924 |
| %RSD   | 1.636893 | .2059791 | 2.759258 | 42.83093 | .7613177 | .1325336 | 7.840577 |
| #1     | 2.886814 | 2.808415 | -.176383 | .0043892 | .6309854 | 5.463680 | .0163149 |
| #2     | 2.981347 | 2.798592 | -.183006 | .0047612 | .6370598 | 5.478048 | .0153637 |
| #3     | 2.920094 | 2.808777 | -.186226 | .0090691 | .6405575 | 5.472572 | .0139454 |

Sample Name: P5056-07DLX2      Acquired: 01/03/2025 22:20:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3590528 | .3770636 | .0397000 |
| Stddev | .0008986 | .0012599 | .0015227 |
| %RSD   | .2502807 | .3341222 | 3.835452 |
| #1     | .3586983 | .3783120 | .0403727 |
| #2     | .3583855 | .3757926 | .0379568 |
| #3     | .3600746 | .3770864 | .0407705 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1865.448 | 19292.89 | 1926.844 | 1405.645 | 1757.872 |
| Stddev    | 5.021    | 107.67   | 9.830    | 7.792    | 2.586    |
| %RSD      | .2691372 | .5580598 | .5101383 | .5543442 | .1470891 |
| #1        | 1869.807 | 19270.09 | 1926.697 | 1414.415 | 1759.197 |
| #2        | 1859.959 | 19410.13 | 1936.746 | 1403.005 | 1754.892 |
| #3        | 1866.578 | 19198.45 | 1917.089 | 1399.517 | 1759.526 |

Sample Name: P5056-12DLX2      Acquired: 01/03/2025 22:24:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230294 | .0267229 | .1128843 | -.013506 | .0075978 | 26.06957 | .3104788 |
| Stddev | .0024740 | .0034268 | .0052101 | .007680  | .0024458 | .23179   | .0042457 |
| %RSD   | 10.74264 | 12.82353 | 4.615447 | 56.86638 | 32.19123 | .8891244 | 1.367455 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0247123 | .0242519 | .1075767 | -.010039 | .0053914 | 26.19452 | .3094320 |
| #2 | .0241871 | .0252819 | .1179911 | -.008171 | .0071742 | 25.80211 | .3068544 |
| #3 | .0201889 | .0306349 | .1130851 | -.022309 | .0102277 | 26.21208 | .3151499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028150 | .0017902 | 544.2023 | .0397514 | .0601372 | .0821080 | 56.76029 |
| Stddev | .0000834 | .0000738 | 1.6728   | .0013617 | .0001723 | .0010269 | .30071   |
| %RSD   | 2.962493 | 4.124669 | .3073793 | 3.425535 | .2865711 | 1.250643 | .5297892 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029106 | .0017268 | 545.2547 | .0389262 | .0601090 | .0817749 | 57.01390 |
| #2 | .0027571 | .0018713 | 542.2734 | .0390049 | .0599807 | .0832601 | 56.42809 |
| #3 | .0027773 | .0017725 | 545.0788 | .0413231 | .0603219 | .0812890 | 56.83888 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.501279 | 36.23424 | .0466830 | -.001903 | .5291183 | .0432953 | .2524250 |
| Stddev | .011539  | .18613   | .0016939 | .000604  | .0232620 | .0096551 | .0027930 |
| %RSD   | .3295517 | .5136907 | 3.628519 | 31.72459 | 4.396377 | 22.30068 | 1.106483 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.505512 | 36.36207 | .0472824 | -.001339 | .5508804 | .0544163 | .2511636 |
| #2 | 3.488222 | 36.02070 | .0479956 | -.001830 | .5318730 | .0370538 | .2556263 |
| #3 | 3.510104 | 36.31996 | .0447708 | -.002539 | .5046016 | .0384157 | .2504851 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.095361 | 1.561302 | -.098218 | .0027667 | .8035144 | 6.621971 | .0088374 |
| Stddev | .103713  | .003126  | .001659  | .0004831 | .0090779 | .056519  | .0030214 |
| %RSD   | 3.350599 | .2002039 | 1.688897 | 17.46073 | 1.129772 | .8535085 | 34.18836 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.996821 | 1.559962 | -.096338 | .0027007 | .8031663 | 6.575361 | .0061306 |
| #2 | 3.203570 | 1.564875 | -.098842 | .0032794 | .7946155 | 6.605716 | .0082847 |
| #3 | 3.085693 | 1.559070 | -.099474 | .0023201 | .8127613 | 6.684837 | .0120970 |

Sample Name: P5056-12DLX2      Acquired: 01/03/2025 22:24:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0883601 | .4596974 | .0399501 |
| Stddev | .0058836 | .0029799 | .0016688 |
| %RSD   | 6.658626 | .6482415 | 4.177172 |
| #1     | .0848163 | .4621654 | .0396348 |
| #2     | .0951517 | .4563869 | .0384615 |
| #3     | .0851123 | .4605399 | .0417541 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1909.318 | 19729.87 | 1943.865 | 1439.286 | 1828.318 |
| Stddev    | 3.328    | 149.87   | 16.841   | 7.786    | 3.053    |
| %RSD      | .1743042 | .7595865 | .8663422 | .5409904 | .1670007 |
| #1        | 1913.142 | 19556.93 | 1940.914 | 1431.155 | 1831.674 |
| #2        | 1907.736 | 19811.12 | 1961.986 | 1440.029 | 1825.703 |
| #3        | 1907.076 | 19821.58 | 1928.694 | 1446.675 | 1827.578 |

Sample Name: P5056-13DLX2      Acquired: 01/03/2025 22:28:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL40      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0275961 | .0261103 | .1125084 | -.013503 | .0092733 | 24.47205 | .3313002 |
| Stddev | .0040202 | .0019845 | .0031136 | .007644  | .0021198 | .24154   | .0018826 |
| %RSD   | 14.56798 | 7.600610 | 2.767404 | 56.60428 | 22.85866 | .9869999 | .5682391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0245614 | .0283126 | .1094858 | -.004677 | .0078988 | 24.51714 | .3320623 |
| #2 | .0260713 | .0244607 | .1123339 | -.017914 | .0117146 | 24.21114 | .3291561 |
| #3 | .0321557 | .0255577 | .1157056 | -.017919 | .0082066 | 24.68786 | .3326823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022991 | .0016863 | 771.7056 | .0380938 | .0745497 | .1580652 | 64.88126 |
| Stddev | .0002521 | .0000227 | 3.1260   | .0001110 | .0008107 | .0150422 | .33949   |
| %RSD   | 10.96722 | 1.345088 | .4050750 | .2912426 | 1.087393 | 9.516426 | .5232475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023170 | .0017125 | 772.5284 | .0382039 | .0754188 | .1419195 | 65.10049 |
| #2 | .0020385 | .0016739 | 768.2505 | .0380957 | .0738142 | .1716836 | 64.49021 |
| #3 | .0025419 | .0016725 | 774.3378 | .0379820 | .0744159 | .1605926 | 65.05309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.078742 | 75.74023 | .0616550 | -.004255 | .7094146 | .0386053 | .1905760 |
| Stddev | .038881  | .51022   | .0019389 | .001336  | .0197539 | .0148677 | .0010647 |
| %RSD   | .7655625 | .6736434 | 3.144753 | 31.40161 | 2.784537 | 38.51200 | .5586848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.108925 | 75.95533 | .0620006 | -.002773 | .7119413 | .0439246 | .1917438 |
| #2 | 5.034867 | 75.15769 | .0633979 | -.004623 | .6885190 | .0218097 | .1903251 |
| #3 | 5.092434 | 76.10769 | .0595666 | -.005368 | .7277837 | .0500817 | .1896591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.004200 | 1.786711 | -.104962 | .0028961 | .9126141 | 6.154661 | .0142524 |
| Stddev | .154599  | .001884  | .002557  | .0001196 | .0081625 | .065892  | .0018403 |
| %RSD   | 3.860925 | .1054576 | 2.436111 | 4.128181 | .8944146 | 1.070597 | 12.91224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.077043 | 1.787353 | -.104479 | .0030306 | .9143855 | 6.227364 | .0144171 |
| #2 | 4.108922 | 1.788191 | -.102681 | .0028560 | .9037113 | 6.098884 | .0160048 |
| #3 | 3.826636 | 1.784590 | -.107726 | .0028018 | .9197455 | 6.137734 | .0123353 |

Sample Name: P5056-13DLX2      Acquired: 01/03/2025 22:28:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL40      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1526383 | .4704562 | .0464103 |
| Stddev | .0019474 | .0028582 | .0073805 |
| %RSD   | 1.275810 | .6075372 | 15.90283 |
| #1     | .1531977 | .4712566 | .0500576 |
| #2     | .1504724 | .4672831 | .0512571 |
| #3     | .1542447 | .4728288 | .0379161 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1848.016 | 19057.39 | 1906.381 | 1389.588 | 1745.015 |
| Stddev    | 4.990    | 36.39    | 12.836   | 6.750    | 4.304    |
| %RSD      | .2700424 | .1909394 | .6733298 | .4857701 | .2466208 |
| #1        | 1849.687 | 19099.09 | 1894.637 | 1393.730 | 1747.792 |
| #2        | 1851.956 | 19032.08 | 1920.084 | 1393.235 | 1747.197 |
| #3        | 1842.404 | 19040.99 | 1904.423 | 1381.799 | 1740.058 |

Sample Name: P5056-14DLX2      Acquired: 01/03/2025 22:32:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0853011 | .0242153 | .1566485 | -.003499 | .0080760 | 21.80280 | .3030915 |
| Stddev | .0032208 | .0014306 | .0046917 | .004263  | .0006682 | .18349   | .0023776 |
| %RSD   | 3.775855 | 5.907993 | 2.995054 | 121.8370 | 8.273490 | .8415929 | .7844669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0876306 | .0226388 | .1531044 | -.000589 | .0081145 | 21.70019 | .3057435 |
| #2 | .0866472 | .0254311 | .1619690 | -.008393 | .0073894 | 22.01464 | .3011503 |
| #3 | .0816256 | .0245759 | .1548722 | -.001516 | .0087241 | 21.69358 | .3023807 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021356 | .0017161 | 709.5808 | .0399178 | .0996884 | .1697457 | 72.11608 |
| Stddev | .0001465 | .0000325 | 1.8662   | .0008518 | .0005215 | .0155521 | .16502   |
| %RSD   | 6.859193 | 1.892384 | .2629972 | 2.133869 | .5231387 | 9.162020 | .2288307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019936 | .0017306 | 709.5436 | .0391149 | .0997604 | .1562839 | 72.00404 |
| #2 | .0022862 | .0016789 | 711.4653 | .0398273 | .1001702 | .1867700 | 72.30559 |
| #3 | .0021269 | .0017388 | 707.7335 | .0408113 | .0991347 | .1661832 | 72.03863 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.850687 | 86.32434 | .0735577 | -.002993 | .8739586 | .0428733 | .2305689 |
| Stddev | .031318  | .39154   | .0003528 | .001082  | .0190203 | .0108092 | .0019719 |
| %RSD   | .3989214 | .4535665 | .4795939 | 36.16383 | 2.176340 | 25.21191 | .8552206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.830087 | 86.29921 | .0738529 | -.001751 | .8570573 | .0352684 | .2296964 |
| #2 | 7.886727 | 86.72784 | .0731670 | -.003492 | .8945556 | .0552468 | .2291838 |
| #3 | 7.835248 | 85.94598 | .0736530 | -.003736 | .8702631 | .0381048 | .2328265 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.744784 | 5.582186 | -.135949 | .0064477 | 1.881946 | 6.161129 | .0146647 |
| Stddev | .297423  | .001736  | .002702  | .0009227 | .009156  | .070886  | .0001934 |
| %RSD   | 10.83592 | .0311060 | 1.987167 | 14.31137 | .4864962 | 1.150540 | 1.318819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.425910 | 5.583779 | -.136596 | .0060022 | 1.871745 | 6.152450 | .0148621 |
| #2 | 3.014674 | 5.580335 | -.138269 | .0075086 | 1.884644 | 6.235955 | .0146567 |
| #3 | 2.793769 | 5.582444 | -.132983 | .0058322 | 1.889450 | 6.094982 | .0144755 |

Sample Name: P5056-14DLX2      Acquired: 01/03/2025 22:32:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2381786 | .6438925 | .0414515 |
| Stddev | .0061336 | .0028925 | .0016929 |
| %RSD   | 2.575217 | .4492201 | 4.084017 |
| #1     | .2422227 | .6421920 | .0408652 |
| #2     | .2411919 | .6472322 | .0401298 |
| #3     | .2311211 | .6422532 | .0433597 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1901.287 | 19568.91 | 1957.389 | 1430.374 | 1760.712 |
| Stddev    | 4.199    | 52.01    | 21.389   | 7.082    | 3.942    |
| %RSD      | .2208756 | .2657854 | 1.092737 | .4951086 | .2239056 |
| #1        | 1903.973 | 19512.52 | 1955.096 | 1431.103 | 1765.234 |
| #2        | 1896.447 | 19615.00 | 1937.238 | 1437.064 | 1758.911 |
| #3        | 1903.440 | 19579.21 | 1979.832 | 1422.956 | 1757.993 |



Sample Name: P5057-04DLX2      Acquired: 01/03/2025 22:36:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0424794 | .0121018 | .1560283 | .0142522 | .0150968 | 37.03164 | .3058600 |
| Stddev | .0037327 | .0032971 | .0051754 | .0020056 | .0028476 | .02108   | .0011887 |
| %RSD   | 8.787101 | 27.24467 | 3.316978 | 14.07246 | 18.86208 | .0569309 | .3886327 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0467887 | .0129141 | .1507019 | .0162498 | .0183831 | 37.00921 | .3055286 |
| #2 | .0403965 | .0149169 | .1610382 | .0122386 | .0133592 | 37.05104 | .3071792 |
| #3 | .0402529 | .0084745 | .1563449 | .0142683 | .0135482 | 37.03468 | .3048722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037482 | .0012514 | 464.7132 | .0600695 | .0742465 | .1521852 | 98.35886 |
| Stddev | .0000980 | .0000545 | 1.7623   | .0010602 | .0007223 | .0024479 | .43119   |
| %RSD   | 2.614925 | 4.358013 | .3792151 | 1.764915 | .9728302 | 1.608499 | .4383856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038381 | .0012040 | 463.3057 | .0605577 | .0740523 | .1501162 | 98.52227 |
| #2 | .0037630 | .0013110 | 466.6896 | .0607976 | .0750461 | .1548875 | 98.68446 |
| #3 | .0036437 | .0012392 | 464.1443 | .0588532 | .0736412 | .1515518 | 97.86985 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.271833 | 76.63126 | .0785103 | -.006276 | .8267968 | .0918200 | .3470393 |
| Stddev | .014944  | .09135   | .0014581 | .000453  | .0159283 | .0106698 | .0046137 |
| %RSD   | .4567533 | .1192080 | 1.857183 | 7.222655 | 1.926512 | 11.62040 | 1.329444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.286024 | 76.72151 | .0771769 | -.006045 | .8450271 | .0903005 | .3509469 |
| #2 | 3.273240 | 76.63343 | .0782867 | -.005985 | .8155711 | .0819913 | .3419496 |
| #3 | 3.256235 | 76.53885 | .0800672 | -.006798 | .8197923 | .1031681 | .3482215 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.764596 | 3.499830 | -.195781 | .0046146 | .6019210 | 7.001234 | .0168392 |
| Stddev | .149962  | .008186  | .003036  | .0006555 | .0009434 | .025009  | .0010071 |
| %RSD   | 3.983474 | .2338890 | 1.550862 | 14.20588 | .1567268 | .3572020 | 5.980874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.827112 | 3.509000 | -.199264 | .0049960 | .6027615 | 7.026530 | .0179884 |
| #2 | 3.593491 | 3.497228 | -.194387 | .0038577 | .6009006 | 6.976523 | .0164191 |
| #3 | 3.873186 | 3.493260 | -.193692 | .0049902 | .6021008 | 7.000648 | .0161101 |

Sample Name: P5057-04DLX2      Acquired: 01/03/2025 22:36:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3075533 | .2939512 | .0560099 |
| Stddev | .0019966 | .0013737 | .0037958 |
| %RSD   | .6491863 | .4673207 | 6.777093 |
| #1     | .3066727 | .2945548 | .0521852 |
| #2     | .3061484 | .2949197 | .0560683 |
| #3     | .3098388 | .2923791 | .0597763 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1954.209 | 20062.67 | 1997.153 | 1468.451 | 1791.595 |
| Stddev    | 2.737    | 110.93   | 7.283    | 4.023    | 1.226    |
| %RSD      | .1400745 | .5528970 | .3646862 | .2739321 | .0684064 |
| #1        | 1955.039 | 19997.63 | 1991.815 | 1464.778 | 1792.575 |
| #2        | 1951.153 | 19999.63 | 1994.193 | 1472.750 | 1791.990 |
| #3        | 1956.436 | 20190.75 | 2005.450 | 1467.826 | 1790.221 |

Sample Name: P5055-07DLX2      Acquired: 01/03/2025 22:40:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0336059 | .0071373 | .0996253 | .0128516 | .0170150 | 25.80372 | .2075051 |
| Stddev | .0004200 | .0026448 | .0045950 | .0070023 | .0031466 | .28131   | .0016110 |
| %RSD   | 1.249805 | 37.05605 | 4.612266 | 54.48601 | 18.49305 | 1.090190 | .7763809 |
| #1     | .0331832 | .0073537 | .0943313 | .0201386 | .0140466 | 25.50584 | .2093505 |
| #2     | .0336113 | .0043910 | .1025792 | .0061737 | .0166846 | 25.84049 | .2067860 |
| #3     | .0340231 | .0096673 | .1019654 | .0122425 | .0203137 | 26.06484 | .2063789 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030161 | .0016603 | 546.0443 | .0452047 | .0696061 | .1193297 | 98.90499 |
| Stddev | .0000857 | .0000901 | 2.6713   | .0003335 | .0003135 | .0025645 | .95557   |
| %RSD   | 2.840408 | 5.424638 | .4892116 | .7377403 | .4503270 | 2.149064 | .9661518 |
| #1     | .0030012 | .0015836 | 543.3482 | .0448202 | .0699538 | .1166671 | 97.89539 |
| #2     | .0029389 | .0016378 | 546.0945 | .0454161 | .0693453 | .1217833 | 99.02425 |
| #3     | .0031083 | .0017594 | 548.6901 | .0453777 | .0695191 | .1195388 | 99.79534 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.949705 | 118.9405 | .0661183 | -.006102 | .8400147 | .0864835 | .3089759 |
| Stddev | .023800  | .9901    | .0007317 | .000510  | .0102078 | .0162885 | .0010051 |
| %RSD   | .6025875 | .8324409 | 1.106646 | 8.358042 | 1.215196 | 18.83428 | .3253116 |
| #1     | 3.922471 | 118.2699 | .0654869 | -.006675 | .8289346 | .0727910 | .3098527 |
| #2     | 3.960134 | 118.4738 | .0659478 | -.005699 | .8420728 | .0821625 | .3091961 |
| #3     | 3.966511 | 120.0777 | .0669202 | -.005931 | .8490366 | .1044968 | .3078789 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.882385 | 4.504571 | -.208758 | .0087285 | .6284827 | 5.529051 | .0143636 |
| Stddev | .052620  | .011778  | .002465  | .0009125 | .0035894 | .013898  | .0006380 |
| %RSD   | 1.825562 | .2614686 | 1.180831 | 10.45400 | .5711245 | .2513706 | 4.441679 |
| #1     | 2.898405 | 4.491575 | -.210331 | .0088785 | .6324911 | 5.529196 | .0136801 |
| #2     | 2.823617 | 4.507599 | -.205917 | .0077503 | .6255656 | 5.515081 | .0149434 |
| #3     | 2.925133 | 4.514540 | -.210026 | .0095567 | .6273914 | 5.542877 | .0144673 |

Sample Name: P5055-07DLX2      Acquired: 01/03/2025 22:40:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5899920 | .3847981 | .0565380 |
| Stddev | .0101094 | .0028455 | .0036623 |
| %RSD   | 1.713478 | .7394857 | 6.477547 |
| #1     | .5785234 | .3823535 | .0566277 |
| #2     | .5938415 | .3841191 | .0528317 |
| #3     | .5976111 | .3879217 | .0601546 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1887.318 | 19489.65 | 1932.432 | 1417.628 | 1750.055 |
| Stddev    | 1.718    | 84.35    | 14.131   | 7.525    | 3.291    |
| %RSD      | .0910531 | .4328023 | .7312310 | .5308258 | .1880402 |
| #1        | 1885.489 | 19503.02 | 1934.882 | 1420.664 | 1753.194 |
| #2        | 1888.898 | 19566.52 | 1945.177 | 1423.161 | 1750.339 |
| #3        | 1887.568 | 19399.42 | 1917.237 | 1409.059 | 1746.631 |

Sample Name: P5055-08DLX2      Acquired: 01/03/2025 22:43:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0317491 | .0274494 | .3384412 | -.018987 | .0058742 | 15.80628 | .2489074 |
| Stddev | .0017220 | .0091131 | .0027015 | .004936  | .0023583 | .06073   | .0018421 |
| %RSD   | 5.423746 | 33.19961 | .7982039 | 25.99678 | 40.14716 | .3842111 | .7400631 |
| #1     | .0329776 | .0376838 | .3358742 | -.017720 | .0031656 | 15.87585 | .2498656 |
| #2     | .0297809 | .0202128 | .3381898 | -.014808 | .0074720 | 15.76390 | .2500728 |
| #3     | .0324889 | .0244516 | .3412596 | -.024433 | .0069851 | 15.77908 | .2467837 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019464 | .0026041 | 709.0689 | .0391634 | .0645349 | .0549383 | 57.50412 |
| Stddev | .0001167 | .0000697 | 1.8121   | .0004157 | .0004522 | .0060775 | .15454   |
| %RSD   | 5.994372 | 2.678214 | .2555629 | 1.061359 | .7007517 | 11.06237 | .2687405 |
| #1     | .0018947 | .0026846 | 710.6065 | .0389293 | .0640183 | .0608105 | 57.66817 |
| #2     | .0020800 | .0025637 | 709.5291 | .0396433 | .0648593 | .0553298 | 57.36130 |
| #3     | .0018646 | .0025639 | 707.0711 | .0389175 | .0647271 | .0486745 | 57.48289 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.757035 | 393.8507 | .0503886 | -.001501 | .9360579 | .0408067 | .5358787 |
| Stddev | .003386  | 1.0280   | .0021458 | .001725  | .0212817 | .0033303 | .0083335 |
| %RSD   | .0901109 | .2610083 | 4.258400 | 114.9247 | 2.273541 | 8.161076 | 1.555103 |
| #1     | 3.760744 | 394.8213 | .0520236 | -.003326 | .9424448 | .0412884 | .5429148 |
| #2     | 3.756252 | 393.9571 | .0511833 | -.001281 | .9534148 | .0372618 | .5266758 |
| #3     | 3.754110 | 392.7736 | .0479588 | .000103  | .9123142 | .0438699 | .5380455 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.379905 | 3.750488 | -.087807 | .0050828 | 15.98058 | 5.484140 | .0186999 |
| Stddev | .326666  | .005584  | .001195  | .0011828 | .03220   | .076988  | .0017477 |
| %RSD   | 7.458284 | .1488801 | 1.360856 | 23.27075 | .2015231 | 1.403826 | 9.345933 |
| #1     | 4.291622 | 3.744044 | -.086954 | .0038556 | 15.95065 | 5.541313 | .0169370 |
| #2     | 4.741639 | 3.753507 | -.087295 | .0062155 | 15.97644 | 5.514508 | .0187307 |
| #3     | 4.106454 | 3.753912 | -.089173 | .0051771 | 16.01466 | 5.396600 | .0204320 |

Sample Name: P5055-08DLX2      Acquired: 01/03/2025 22:43:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2181399 | .2938353 | .0313731 |
| Stddev | .0026969 | .0002706 | .0040957 |
| %RSD   | 1.236299 | .0920795 | 13.05471 |
| #1     | .2208739 | .2936520 | .0326455 |
| #2     | .2154818 | .2941461 | .0267923 |
| #3     | .2180639 | .2937078 | .0346816 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1763.993 | 18297.36 | 1834.527 | 1317.811 | 1670.349 |
| Stddev    | 4.340    | 57.38    | 20.275   | 13.944   | 5.727    |
| %RSD      | .2460450 | .3136159 | 1.105173 | 1.058141 | .3428535 |
| #1        | 1768.198 | 18232.13 | 1818.145 | 1311.714 | 1674.476 |
| #2        | 1764.251 | 18340.07 | 1828.235 | 1333.766 | 1672.761 |
| #3        | 1759.529 | 18319.87 | 1857.202 | 1307.954 | 1663.811 |

Sample Name: P5055-09DLX2      Acquired: 01/03/2025 22:47:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0275303 | .0260233 | .2744741 | -.019899 | .0038409 | 13.29562 | .1711614 |
| Stddev | .0016292 | .0035650 | .0049778 | .003416  | .0029697 | .04479   | .0024357 |
| %RSD   | 5.917680 | 13.69935 | 1.813565 | 17.16718 | 77.31909 | .3369061 | 1.423017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0264238 | .0256702 | .2697911 | -.018140 | .0062853 | 13.24791 | .1691221 |
| #2 | .0294011 | .0226479 | .2797019 | -.023837 | .0005359 | 13.33678 | .1738584 |
| #3 | .0267661 | .0297517 | .2739294 | -.017721 | .0047015 | 13.30216 | .1705038 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015283 | .0017674 | 698.5549 | .0285461 | .0587276 | .0417902 | 54.60404 |
| Stddev | .0001960 | .0001190 | 3.1809   | .0010181 | .0005397 | .0035854 | .07989   |
| %RSD   | 12.82673 | 6.731113 | .4553527 | 3.566519 | .9189581 | 8.579544 | .1463104 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013062 | .0019036 | 694.8842 | .0280099 | .0593426 | .0388167 | 54.64846 |
| #2 | .0016771 | .0017150 | 700.2777 | .0279083 | .0583330 | .0407822 | 54.51181 |
| #3 | .0016017 | .0016837 | 700.5027 | .0297203 | .0585072 | .0457717 | 54.65186 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.366866 | 378.8535 | .0408463 | -.003349 | .9145028 | .0255248 | .3955205 |
| Stddev | .010366  | 1.0562   | .0012124 | .000582  | .0214663 | .0096445 | .0023343 |
| %RSD   | .3078882 | .2787883 | 2.968123 | 17.37614 | 2.347316 | 37.78472 | .5901889 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.354898 | 377.7889 | .0414740 | -.003373 | .9298741 | .0360987 | .3980058 |
| #2 | 3.372708 | 378.8706 | .0394488 | -.002756 | .9236573 | .0172113 | .3933742 |
| #3 | 3.372993 | 379.9011 | .0416161 | -.003919 | .8899769 | .0232644 | .3951814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.458404 | 2.461244 | -.087396 | .0061733 | 13.85560 | 4.929776 | .0159297 |
| Stddev | .103559  | .006460  | .004435  | .0004699 | .02830   | .048292  | .0012659 |
| %RSD   | 2.994402 | .2624596 | 5.075086 | 7.611227 | .2042322 | .9795975 | 7.946932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.428369 | 2.454183 | -.082391 | .0056905 | 13.82295 | 4.875483 | .0145443 |
| #2 | 3.373183 | 2.466857 | -.090841 | .0062002 | 13.87085 | 4.967935 | .0170263 |
| #3 | 3.573660 | 2.462693 | -.088956 | .0066291 | 13.87300 | 4.945911 | .0162184 |

Sample Name: P5055-09DLX2      Acquired: 01/03/2025 22:47:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2042779 | .2932345 | .0273970 |
| Stddev | .0010574 | .0012536 | .0016943 |
| %RSD   | .5176435 | .4274924 | 6.184099 |
| #1     | .2049035 | .2925257 | .0266385 |
| #2     | .2048732 | .2946819 | .0262146 |
| #3     | .2030570 | .2924958 | .0293381 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1728.398 | 18047.01 | 1799.274 | 1311.324 | 1664.906 |
| Stddev    | 5.030    | 85.88    | 12.763   | 9.607    | 3.845    |
| %RSD      | .2910357 | .4758825 | .7093657 | .7326199 | .2309616 |
| #1        | 1723.797 | 17960.98 | 1811.195 | 1301.281 | 1666.089 |
| #2        | 1733.769 | 18047.31 | 1785.809 | 1320.426 | 1668.021 |
| #3        | 1727.630 | 18132.75 | 1800.818 | 1312.263 | 1660.609 |



Sample Name: P5055-14DLX2      Acquired: 01/03/2025 22:51:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0259625 | .0147647 | .1363918 | .0051947 | .0167079 | 25.19754 | .2617861 |
| Stddev | .0021638 | .0078424 | .0057304 | .0054419 | .0041069 | .16252   | .0029089 |
| %RSD   | 8.334272 | 53.11609 | 4.201401 | 104.7580 | 24.58028 | .6449881 | 1.111159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0283577 | .0152448 | .1326212 | .0104850 | .0132006 | 25.37781 | .2626145 |
| #2 | .0241490 | .0223560 | .1429860 | -.000387 | .0156975 | 25.15256 | .2641910 |
| #3 | .0253808 | .0066933 | .1335682 | .005486  | .0212257 | 25.06224 | .2585530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025255 | .0015583 | 554.5132 | .0439247 | .0758931 | .0828903 | 88.83447 |
| Stddev | .0001452 | .0000268 | .4626    | .0011238 | .0003653 | .0054998 | .44959   |
| %RSD   | 5.748574 | 1.719195 | .0834217 | 2.558492 | .4813924 | 6.635043 | .5060992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025470 | .0015833 | 554.8977 | .0452021 | .0757620 | .0769533 | 89.32269 |
| #2 | .0026587 | .0015300 | 553.9999 | .0434836 | .0763059 | .0839064 | 88.74319 |
| #3 | .0023707 | .0015616 | 554.6420 | .0430883 | .0756114 | .0878111 | 88.43752 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.379720 | 111.6541 | .0733850 | -.005104 | .8118735 | .0833789 | .3085068 |
| Stddev | .018260  | .3269    | .0012612 | .000998  | .0222136 | .0102138 | .0009291 |
| %RSD   | .4169115 | .2927706 | 1.718656 | 19.56353 | 2.736090 | 12.24985 | .3011549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.398614 | 111.8505 | .0748414 | -.004227 | .8373330 | .0951714 | .3075321 |
| #2 | 4.362170 | 111.2768 | .0726608 | -.006190 | .8018460 | .0776398 | .3093823 |
| #3 | 4.378375 | 111.8352 | .0726529 | -.004894 | .7964415 | .0773255 | .3086059 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.555929 | 3.439631 | -.167590 | .0043625 | .6567074 | 5.427521 | .0143681 |
| Stddev | .052892  | .003320  | .001585  | .0008707 | .0107036 | .044050  | .0020147 |
| %RSD   | 1.160939 | .0965313 | .9457372 | 19.95999 | 1.629891 | .8116004 | 14.02206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.495442 | 3.443013 | -.167295 | .0052436 | .6529424 | 5.478336 | .0137020 |
| #2 | 4.593487 | 3.439505 | -.169301 | .0043413 | .6483951 | 5.400192 | .0127707 |
| #3 | 4.578857 | 3.436376 | -.166172 | .0035025 | .6687848 | 5.404033 | .0166314 |

Sample Name: P5055-14DLX2      Acquired: 01/03/2025 22:51:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7995178 | .4118949 | .0551893 |
| Stddev | .0135679 | .0023561 | .0009430 |
| %RSD   | 1.697012 | .5720220 | 1.708702 |
| #1     | .8151732 | .4145637 | .0555973 |
| #2     | .7911719 | .4110183 | .0558597 |
| #3     | .7922082 | .4101028 | .0541110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1851.134 | 19146.34 | 1917.590 | 1393.485 | 1764.042 |
| Stddev    | 6.216    | 91.28    | 8.316    | 10.383   | 7.006    |
| %RSD      | .3358097 | .4767505 | .4336480 | .7451045 | .3971407 |
| #1        | 1850.657 | 19198.79 | 1909.145 | 1404.601 | 1760.302 |
| #2        | 1845.171 | 19040.94 | 1917.855 | 1384.037 | 1759.699 |
| #3        | 1857.576 | 19199.30 | 1925.770 | 1391.818 | 1772.124 |

Sample Name: P5055-15DLX2      Acquired: 01/03/2025 22:55:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0434498 | .0222849 | .1850555 | -.008315 | .0105717 | 21.67244 |
| Stddev | .0041088 | .0060430 | .0032109 | .004874  | .0020195 | .06232   |
| %RSD   | 9.456395 | 27.11689 | 1.735096 | 58.60913 | 19.10282 | .2875608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0479777 | .0212734 | .1854650 | -.013940 | .0095353 | 21.73368 |
| #2 | .0424131 | .0287697 | .1880421 | -.005650 | .0128990 | 21.67454 |
| #3 | .0399587 | .0168114 | .1816596 | -.005355 | .0092809 | 21.60909 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4796052 | .0024344 | .0020078 | F 805.6182 | .0392084 | .0825866 |
| Stddev | .0037166 | .0000707 | .0000773 | 4.1972     | .0012700 | .0007999 |
| %RSD   | .7749246 | 2.904816 | 3.847986 | .5209889   | 3.239053 | .9686100 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4815067 | .0023998 | .0019224 | 809.8392 | .0383590 | .0835094 |
| #2 | .4819863 | .0023875 | .0020727 | 805.5703 | .0385978 | .0821604 |
| #3 | .4753226 | .0025157 | .0020284 | 801.4452 | .0406683 | .0820900 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1170289 | 74.81529 | 6.228138 | 125.3670 | .0767447 | -.004779 |
| Stddev | .0015244 | .37336   | .030371  | .7610    | .0011148 | .001067  |
| %RSD   | 1.302590 | .4990401 | .4876487 | .6069898 | 1.452596 | 22.31915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1153601 | 75.03301 | 6.257044 | 125.7932 | .0780008 | -.005980 |
| #2 | .1183483 | 75.02868 | 6.230883 | 125.8193 | .0758730 | -.003943 |
| #3 | .1173783 | 74.38418 | 6.196487 | 124.4885 | .0763602 | -.004413 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8571574 | .0555020 | .2443086 | 5.274615 | 6.466496 | -.117753 |
| Stddev | .0168662 | .0096211 | .0019710 | .142756  | .024390  | .002664  |
| %RSD   | 1.967684 | 17.33465 | .8067497 | 2.706476 | .3771802 | 2.262548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8766014 | .0580916 | .2438647 | 5.438422 | 6.478221 | -.118702 |
| #2 | .8464787 | .0635633 | .2425974 | 5.208680 | 6.438457 | -.119813 |
| #3 | .8483921 | .0448512 | .2464637 | 5.176745 | 6.482810 | -.114745 |

Sample Name: P5055-15DLX2      Acquired: 01/03/2025 22:55:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041888 | 1.158871 | 5.450057 | .0118388 | .3433371 | .5971074 |
| Stddev | .0006098 | .001596  | .049340  | .0009893 | .0040514 | .0026984 |
| %RSD   | 14.55879 | .1377123 | .9053070 | 8.356555 | 1.179997 | .4519126 |
| #1     | .0035969 | 1.158625 | 5.487064 | .0118276 | .3478761 | .5990511 |
| #2     | .0048152 | 1.160576 | 5.469068 | .0108551 | .3420484 | .5982446 |
| #3     | .0041544 | 1.157413 | 5.394040 | .0128336 | .3400869 | .5940266 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0447141 |
| Stddev | .0032930 |
| %RSD   | 7.364509 |
| #1     | .0419204 |
| #2     | .0438771 |
| #3     | .0483448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1860.199 | 19233.48 | 1921.282 | 1401.863 | 1708.679 |
| Stddev    | 9.068    | 51.39    | 16.805   | 4.832    | 5.757    |
| %RSD      | .4874842 | .2671688 | .8746979 | .3446877 | .3369422 |
| #1        | 1865.238 | 19254.32 | 1909.977 | 1406.656 | 1713.009 |
| #2        | 1849.730 | 19174.95 | 1913.276 | 1396.993 | 1702.145 |
| #3        | 1865.628 | 19271.17 | 1940.594 | 1401.939 | 1710.882 |

Sample Name: P5055-16DLX5      Acquired: 01/03/2025 22:59:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050797 | .0275122 | .0652854 | -.031028 | -.002470 | 8.513030 | .1420321 |
| Stddev | .0040052 | .0070624 | .0007513 | .010896  | .003860  | .088522  | .0035673 |
| %RSD   | 78.84654 | 25.67001 | 1.150767 | 35.11724 | 156.2727 | 1.039836 | 2.511647 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042194 | .0286184 | .0648505 | -.026060 | -.000236 | 8.610788 | .1441141 |
| #2 | .0094451 | .0339562 | .0661529 | -.023500 | -.006927 | 8.490009 | .1440692 |
| #3 | .0015746 | .0199620 | .0648527 | -.043522 | -.000247 | 8.438293 | .1379129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010461 | .0008598 | 525.5715 | .0159688 | .0488975 | .0356607 | 25.39516 |
| Stddev | .0000317 | .0000673 | 2.2922   | .0008625 | .0005315 | .0049781 | .19127   |
| %RSD   | 3.032517 | 7.824357 | .4361379 | 5.401189 | 1.087065 | 13.95958 | .7531929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010095 | .0008055 | 528.1056 | .0161109 | .0494911 | .0363664 | 25.58067 |
| #2 | .0010649 | .0008388 | 524.9665 | .0150440 | .0487356 | .0303675 | 25.40621 |
| #3 | .0010639 | .0009350 | 523.6425 | .0167513 | .0484657 | .0402483 | 25.19860 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.782303 | 30.04114 | .0205291 | -.001236 | .3976755 | .0032567 | .0823510 |
| Stddev | .008039  | .29196   | .0006734 | .002229  | .0388585 | .0039220 | .0009929 |
| %RSD   | .4510668 | .9718759 | 3.280436 | 180.3734 | 9.771414 | 120.4275 | 1.205665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.791584 | 30.37700 | .0197557 | -.002881 | .3822504 | .0057341 | .0817046 |
| #2 | 1.777849 | 29.89845 | .0209866 | -.002128 | .3688979 | -.001265 | .0818541 |
| #3 | 1.777477 | 29.84796 | .0208448 | .001301  | .4418783 | .005301  | .0834942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.629263 | 1.046216 | -.037778 | .0046486 | .5748140 | 2.272299 | .0087477 |
| Stddev | .208720  | .005848  | .003688  | .0008054 | .0120205 | .017380  | .0014528 |
| %RSD   | 7.938353 | .5589715 | 9.763451 | 17.32544 | 2.091194 | .7648612 | 16.60802 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.438619 | 1.039475 | -.034482 | .0043189 | .5752886 | 2.290946 | .0100771 |
| #2 | 2.852277 | 1.049938 | -.041762 | .0040604 | .5865901 | 2.269401 | .0071969 |
| #3 | 2.596893 | 1.049234 | -.037089 | .0055666 | .5625632 | 2.256551 | .0089692 |

Sample Name: P5055-16DLX5      Acquired: 01/03/2025 22:59:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0806247 | .3632313 | .0144425 |
| Stddev | .0033025 | .0015050 | .0026478 |
| %RSD   | 4.096184 | .4143272 | 18.33332 |
| #1     | .0844334 | .3647393 | .0113944 |
| #2     | .0785560 | .3632253 | .0161727 |
| #3     | .0788846 | .3617294 | .0157605 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1786.876 | 18532.80 | 1820.838 | 1351.133 | 1823.055 |
| Stddev    | .429     | 51.18    | 15.199   | 5.496    | 1.752    |
| %RSD      | .0240259 | .2761701 | .8347415 | .4068046 | .0961198 |
| #1        | 1787.322 | 18474.76 | 1803.356 | 1350.510 | 1821.052 |
| #2        | 1786.842 | 18552.16 | 1828.236 | 1356.915 | 1823.810 |
| #3        | 1786.465 | 18571.48 | 1830.923 | 1345.975 | 1824.304 |

Sample Name: P5055-20DLX2      Acquired: 01/03/2025 23:03:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0454920 | .0153384 | .3145189 | .0187908 | .0160778 | 28.49135 | .9085227 |
| Stddev | .0069577 | .0009229 | .0088298 | .0046882 | .0034326 | .11596   | .0023459 |
| %RSD   | 15.29428 | 6.017151 | 2.807388 | 24.94916 | 21.34988 | .4070030 | .2582057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0519594 | .0147792 | .3153599 | .0234676 | .0136771 | 28.60899 | .9085702 |
| #2 | .0463863 | .0148323 | .3052987 | .0140914 | .0145469 | 28.48792 | .9108444 |
| #3 | .0381305 | .0164036 | .3228980 | .0188134 | .0200095 | 28.37714 | .9061534 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031168 | .0026968 | 687.5908 | .0516925 | .0906792 | .1469011 | 99.30865 |
| Stddev | .0001747 | .0000380 | 1.8328   | .0009877 | .0009706 | .0059984 | .75209   |
| %RSD   | 5.604255 | 1.408684 | .2665527 | 1.910811 | 1.070394 | 4.083326 | .7573266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032192 | .0026587 | 689.6829 | .0517343 | .0908362 | .1526860 | 100.1550 |
| #2 | .0032161 | .0027346 | 686.2682 | .0526587 | .0896396 | .1473076 | 99.0541  |
| #3 | .0029151 | .0026971 | 686.8212 | .0506845 | .0915618 | .1407097 | 98.7169  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.823483 | 141.3847 | .0890894 | -.003452 | .8444707 | .0727439 | .4298391 |
| Stddev | .053477  | .8421    | .0008927 | .001286  | .0166555 | .0122647 | .0028243 |
| %RSD   | .5443824 | .5956052 | 1.001981 | 37.27059 | 1.972296 | 16.86003 | .6570670 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.882907 | 142.3468 | .0881729 | -.004855 | .8253166 | .0801099 | .4272455 |
| #2 | 9.808312 | 141.0257 | .0891391 | -.002329 | .8525503 | .0585858 | .4294235 |
| #3 | 9.779230 | 140.7816 | .0899561 | -.003170 | .8555454 | .0795360 | .4328481 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.013893 | 4.743178 | -.179033 | .0062204 | 1.394674 | 6.086937 | .0221740 |
| Stddev | .164688  | .022138  | .003091  | .0003236 | .003539  | .057489  | .0034148 |
| %RSD   | 2.738452 | .4667352 | 1.726412 | 5.202360 | .2537827 | .9444656 | 15.40011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.988622 | 4.750263 | -.177789 | .0065928 | 1.397665 | 6.141771 | .0194165 |
| #2 | 6.189756 | 4.718365 | -.176758 | .0060083 | 1.390767 | 6.027118 | .0259937 |
| #3 | 5.863302 | 4.760907 | -.182552 | .0060600 | 1.395591 | 6.091921 | .0211120 |

Sample Name: P5055-20DLX2      Acquired: 01/03/2025 23:03:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2889978 | .4714827 | .0549170 |
| Stddev | .0027572 | .0029457 | .0058551 |
| %RSD   | .9540425 | .6247799 | 10.66174 |
| #1     | .2914614 | .4746282 | .0551345 |
| #2     | .2895124 | .4710310 | .0489562 |
| #3     | .2860196 | .4687889 | .0606603 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1854.606 | 19198.27 | 1898.852 | 1398.622 | 1716.073 |
| Stddev    | 8.580    | 91.80    | 13.231   | 9.614    | 3.560    |
| %RSD      | .4626433 | .4781835 | .6967845 | .6873834 | .2074377 |
| #1        | 1864.278 | 19274.53 | 1883.852 | 1408.672 | 1719.727 |
| #2        | 1847.910 | 19096.37 | 1908.862 | 1389.513 | 1715.876 |
| #3        | 1851.630 | 19223.90 | 1903.842 | 1397.682 | 1712.616 |



Sample Name: P5055-21DLX5      Acquired: 01/03/2025 23:07:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092878 | .0303497 | .0733040 | -.028287 | .0011189 | 11.35201 | .1507545 |
| Stddev | .0012879 | .0008268 | .0038485 | .006601  | .0017519 | .09074   | .0007681 |
| %RSD   | 13.86602 | 2.724239 | 5.250022 | 23.33587 | 156.5764 | .7993248 | .5095137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106351 | .0310867 | .0776908 | -.028618 | .0012202 | 11.39844 | .1504963 |
| #2 | .0080690 | .0294556 | .0717249 | -.034717 | -.000681 | 11.41014 | .1501487 |
| #3 | .0091594 | .0305067 | .0704961 | -.021527 | .002818  | 11.24745 | .1516184 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012448 | .0007248 | 454.8985 | .0200338 | .0529224 | .0469659 | 30.34211 |
| Stddev | .0001263 | .0001051 | 1.7669   | .0011787 | .0006176 | .0054610 | .21846   |
| %RSD   | 10.14951 | 14.50081 | .3884099 | 5.883607 | 1.167075 | 11.62764 | .7199831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013158 | .0006409 | 455.9777 | .0202709 | .0522936 | .0453829 | 30.59015 |
| #2 | .0013196 | .0008427 | 452.8595 | .0187545 | .0529453 | .0424712 | 30.25785 |
| #3 | .0010989 | .0006907 | 455.8584 | .0210759 | .0535283 | .0530435 | 30.17832 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.796435 | 53.39781 | .0276514 | -.000336 | .4892238 | .0117653 | .1162039 |
| Stddev | .022862  | .32524   | .0005981 | .001296  | .0028297 | .0197708 | .0007285 |
| %RSD   | .8175242 | .6090868 | 2.163178 | 385.5875 | .5783973 | 168.0428 | .6268821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.822830 | 53.76143 | .0272121 | .000402  | .4868662 | -.005691 | .1163360 |
| #2 | 2.782903 | 53.13466 | .0274094 | .000422  | .4884433 | .007752  | .1154185 |
| #3 | 2.783571 | 53.29734 | .0283326 | -.001832 | .4923617 | .033235  | .1168573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.808316 | 1.384788 | -.054374 | .0052923 | .4486492 | 2.402611 | .0072901 |
| Stddev | .198383  | .006146  | .001480  | .0008661 | .0057840 | .021848  | .0020808 |
| %RSD   | 7.064128 | .4438093 | 2.721525 | 16.36454 | 1.289202 | .9093547 | 28.54317 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.611225 | 1.383383 | -.054347 | .0054511 | .4455479 | 2.427053 | .0096029 |
| #2 | 2.805755 | 1.379466 | -.052907 | .0043578 | .4450772 | 2.384978 | .0055697 |
| #3 | 3.007967 | 1.391515 | -.055866 | .0060679 | .4553224 | 2.395802 | .0066977 |

Sample Name: P5055-21DLX5      Acquired: 01/03/2025 23:07:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1242224 | .3260794 | .0173263 |
| Stddev | .0066669 | .0013464 | .0014151 |
| %RSD   | 5.366874 | .4128925 | 8.167252 |
| #1     | .1210850 | .3269227 | .0164405 |
| #2     | .1197030 | .3245266 | .0189583 |
| #3     | .1318791 | .3267888 | .0165802 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1808.157 | 18706.77 | 1847.299 | 1370.079 | 1827.462 |
| Stddev    | 3.609    | 33.60    | 9.250    | 5.306    | 5.769    |
| %RSD      | .1995920 | .1796401 | .5007454 | .3873045 | .3156613 |
| #1        | 1805.956 | 18716.26 | 1838.741 | 1375.100 | 1821.165 |
| #2        | 1812.322 | 18734.61 | 1857.113 | 1370.610 | 1832.491 |
| #3        | 1806.193 | 18669.44 | 1846.042 | 1364.527 | 1828.729 |

Sample Name: P5055-22DLX2      Acquired: 01/03/2025 23:10:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0688189 | .0176134 | .1661963 | .0151661 | .0172302 | 28.30883 | .3317055 |
| Stddev | .0097411 | .0033305 | .0023791 | .0039411 | .0056559 | .21319   | .0011409 |
| %RSD   | 14.15462 | 18.90918 | 1.431521 | 25.98600 | 32.82586 | .7530841 | .3439468 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0766355 | .0199356 | .1686887 | .0107894 | .0185963 | 28.53239 | .3329071 |
| #2 | .0719153 | .0191070 | .1659508 | .0162750 | .0220779 | 28.10780 | .3315727 |
| #3 | .0579061 | .0137975 | .1639495 | .0184339 | .0110163 | 28.28630 | .3306369 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036791 | .0019607 | 742.2949 | .0443084 | .0839941 | .2289045 | 103.1036 |
| Stddev | .0001061 | .0000417 | 3.8466   | .0014292 | .0003406 | .0091451 | .5522    |
| %RSD   | 2.883680 | 2.124435 | .5181997 | 3.225584 | .4054596 | 3.995142 | .5355759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037920 | .0020083 | 746.0154 | .0447535 | .0843204 | .2327821 | 103.6191 |
| #2 | .0036639 | .0019430 | 738.3336 | .0454620 | .0836409 | .2184595 | 102.5209 |
| #3 | .0035815 | .0019308 | 742.5357 | .0427096 | .0840210 | .2354720 | 103.1709 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.616838 | 88.96641 | .0868568 | -.005409 | .9540110 | .0575950 | .2621906 |
| Stddev | .026766  | .60713   | .0012536 | .001776  | .0188325 | .0132826 | .0008965 |
| %RSD   | .5797460 | .6824254 | 1.443323 | 32.84005 | 1.974028 | 23.06208 | .3419205 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.642350 | 89.63520 | .0880107 | -.005992 | .9376490 | .0629577 | .2619675 |
| #2 | 4.588974 | 88.44997 | .0870370 | -.003414 | .9745966 | .0673579 | .2631776 |
| #3 | 4.619191 | 88.81405 | .0855229 | -.006821 | .9497873 | .0424695 | .2614267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.592966 | 8.732186 | -.175702 | .0058639 | 1.143188 | 5.698615 | .0135854 |
| Stddev | .077295  | .016071  | .001368  | .0005499 | .011957  | .025860  | .0011644 |
| %RSD   | 1.017975 | .1840468 | .7784070 | 9.378352 | 1.045930 | .4538000 | 8.570698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.576313 | 8.713831 | -.174337 | .0062976 | 1.129587 | 5.694362 | .0147063 |
| #2 | 7.677229 | 8.738997 | -.177072 | .0060488 | 1.147935 | 5.675145 | .0123819 |
| #3 | 7.525355 | 8.743730 | -.175697 | .0052453 | 1.152043 | 5.726338 | .0136680 |

Sample Name: P5055-22DLX2      Acquired: 01/03/2025 23:10:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1877673 | .6429047 | .0569006 |
| Stddev | .0052410 | .0036201 | .0017983 |
| %RSD   | 2.791200 | .5630876 | 3.160495 |
| #1     | .1904426 | .6465342 | .0560153 |
| #2     | .1911307 | .6392940 | .0589700 |
| #3     | .1817286 | .6428858 | .0557165 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1906.192 | 19774.67 | 1960.335 | 1435.958 | 1711.593 |
| Stddev    | 3.365    | 98.73    | 8.953    | 9.235    | 3.737    |
| %RSD      | .1765407 | .4992826 | .4567041 | .6431448 | .2183580 |
| #1        | 1906.269 | 19666.54 | 1954.315 | 1425.660 | 1710.851 |
| #2        | 1909.519 | 19797.46 | 1970.623 | 1438.711 | 1715.646 |
| #3        | 1902.790 | 19860.02 | 1956.067 | 1443.504 | 1708.283 |

Sample Name: P5064-04DLX2      Acquired: 01/03/2025 23:14:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL97      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175436 | .0210527 | .0678977 | -.018112 | .0085971 | 24.89365 | .2268701 |
| Stddev | .0045927 | .0027557 | .0013296 | .011346  | .0028703 | .16090   | .0016022 |
| %RSD   | 26.17849 | 13.08954 | 1.958175 | 62.64278 | 33.38628 | .6463607 | .7061956 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0216487 | .0242186 | .0672564 | -.028472 | .0104857 | 24.91015 | .2265221 |
| #2 | .0183987 | .0197473 | .0694263 | -.005987 | .0100114 | 25.04567 | .2286177 |
| #3 | .0125836 | .0191923 | .0670103 | -.019878 | .0052941 | 24.72513 | .2254706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021350 | .0012797 | 562.0652 | .0429345 | .0647488 | .1043969 | 65.88916 |
| Stddev | .0000961 | .0000759 | 3.1893   | .0005387 | .0003793 | .0026840 | .37292   |
| %RSD   | 4.502864 | 5.927605 | .5674336 | 1.254721 | .5858740 | 2.570986 | .5659872 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021414 | .0012041 | 562.4515 | .0423178 | .0648718 | .1052746 | 66.09049 |
| #2 | .0022277 | .0013558 | 565.0439 | .0433133 | .0643232 | .1065322 | 66.11816 |
| #3 | .0020358 | .0012793 | 558.7004 | .0431724 | .0650513 | .1013839 | 65.45884 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.504936 | 106.4477 | .0618641 | -.004599 | .7328205 | .0532894 | .1483790 |
| Stddev | .023937  | .6979    | .0005545 | .000254  | .0191526 | .0057125 | .0005751 |
| %RSD   | .5313607 | .6556621 | .8962784 | 5.515938 | 2.613539 | 10.71978 | .3876026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.496623 | 106.4526 | .0625039 | -.004826 | .7470843 | .0525927 | .1477941 |
| #2 | 4.531922 | 107.1431 | .0615667 | -.004325 | .7403251 | .0593183 | .1483990 |
| #3 | 4.486263 | 105.7472 | .0615218 | -.004645 | .7110521 | .0479572 | .1489438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.322911 | 3.390593 | -.132789 | .0057487 | .3693372 | 6.739704 | .0086142 |
| Stddev | .200735  | .006005  | .001700  | .0010058 | .0082028 | .070675  | .0029863 |
| %RSD   | 4.643521 | .1771121 | 1.280285 | 17.49584 | 2.220956 | 1.048640 | 34.66731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.403797 | 3.386470 | -.131628 | .0046671 | .3648685 | 6.761030 | .0117804 |
| #2 | 4.094352 | 3.387827 | -.134741 | .0059229 | .3643389 | 6.797260 | .0058481 |
| #3 | 4.470584 | 3.397483 | -.131998 | .0066559 | .3788040 | 6.660821 | .0082141 |

Sample Name: P5064-04DLX2      Acquired: 01/03/2025 23:14:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL97      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6287814 | .2546324 | .0437430 |
| Stddev | .0061025 | .0013273 | .0067455 |
| %RSD   | .9705252 | .5212612 | 15.42081 |
| #1     | .6217505 | .2553817 | .0378865 |
| #2     | .6318904 | .2554156 | .0511185 |
| #3     | .6327033 | .2530999 | .0422239 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1861.080 | 19322.77 | 1904.755 | 1406.437 | 1762.378 |
| Stddev    | 2.970    | 47.76    | 17.906   | 4.796    | .989     |
| %RSD      | .1595889 | .2471896 | .9400886 | .3410378 | .0560957 |
| #1        | 1859.569 | 19268.23 | 1899.461 | 1411.039 | 1762.298 |
| #2        | 1864.501 | 19357.14 | 1890.093 | 1406.805 | 1763.404 |
| #3        | 1859.169 | 19342.95 | 1924.712 | 1401.467 | 1761.431 |

Sample Name: P5061-05DLX2      Acquired: 01/03/2025 23:18:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0408342 | .0166702 | .1486850 | .0043056 | .0104459 | 30.05576 | .4057430 |
| Stddev | .0019158 | .0020923 | .0046190 | .0094329 | .0024518 | .15237   | .0064869 |
| %RSD   | 4.691586 | 12.55119 | 3.106554 | 219.0848 | 23.47185 | .5069469 | 1.598769 |
| #1     | .0427797 | .0179190 | .1462448 | .0025286 | .0079740 | 30.22563 | .4067277 |
| #2     | .0389496 | .0142547 | .1457980 | -.004112 | .0104864 | 30.01048 | .4116813 |
| #3     | .0407734 | .0178370 | .1540123 | .014501  | .0128772 | 29.93116 | .3988201 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034144 | .0013238 | 480.6327 | .0491912 | .0757141 | .0903004 | 80.85995 |
| Stddev | .0002570 | .0000734 | .6785    | .0009568 | .0006700 | .0119562 | .32084   |
| %RSD   | 7.526261 | 5.544067 | .1411783 | 1.945128 | .8848627 | 13.24046 | .3967862 |
| #1     | .0032025 | .0012808 | 481.0455 | .0482127 | .0761179 | .0838222 | 81.22070 |
| #2     | .0033404 | .0014086 | 481.0030 | .0492363 | .0749407 | .0829814 | 80.75262 |
| #3     | .0037003 | .0012821 | 479.8496 | .0501248 | .0760837 | .1040977 | 80.60654 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.141933 | 41.46135 | .0608859 | -.003449 | .5367993 | .0719742 | .1681289 |
| Stddev | .011001  | .24415   | .0020512 | .001153  | .0083879 | .0100891 | .0017569 |
| %RSD   | .3501222 | .5888733 | 3.368904 | 33.42985 | 1.562572 | 14.01772 | 1.044953 |
| #1     | 3.154001 | 41.74315 | .0616879 | -.004012 | .5426330 | .0833772 | .1701512 |
| #2     | 3.139332 | 41.31318 | .0624149 | -.004213 | .5271867 | .0642066 | .1669787 |
| #3     | 3.132466 | 41.32771 | .0585549 | -.002123 | .5405781 | .0683386 | .1672567 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.988602 | 2.074146 | -.142605 | .0051406 | .8811289 | 7.960415 | .0129389 |
| Stddev | .162803  | .005361  | .001198  | .0014145 | .0028941 | .075555  | .0004777 |
| %RSD   | 2.718547 | .2584743 | .8398199 | 27.51661 | .3284564 | .9491395 | 3.692098 |
| #1     | 6.154789 | 2.068307 | -.142303 | .0048345 | .8784096 | 8.012888 | .0124594 |
| #2     | 5.981610 | 2.075285 | -.143924 | .0039042 | .8841708 | 7.873816 | .0129424 |
| #3     | 5.829408 | 2.078847 | -.141587 | .0066831 | .8808062 | 7.994540 | .0134148 |

Sample Name: P5061-05DLX2      Acquired: 01/03/2025 23:18:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2426957 | .3811262 | .0472252 |
| Stddev | .0071956 | .0023968 | .0035187 |
| %RSD   | 2.964863 | .6288765 | 7.450968 |
| #1     | .2347769 | .3837639 | .0498396 |
| #2     | .2488337 | .3805333 | .0432244 |
| #3     | .2444766 | .3790815 | .0486114 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1879.463 | 19493.93 | 1912.544 | 1423.616 | 1797.130 |
| Stddev    | 1.797    | 100.24   | 8.690    | 12.537   | 1.234    |
| %RSD      | .0956343 | .5142305 | .4543525 | .8806160 | .0686572 |
| #1        | 1881.536 | 19440.92 | 1902.774 | 1412.710 | 1798.551 |
| #2        | 1878.340 | 19431.33 | 1919.411 | 1420.824 | 1796.337 |
| #3        | 1878.513 | 19609.55 | 1915.446 | 1437.313 | 1796.501 |



Sample Name: P5061-06DLX2      Acquired: 01/03/2025 23:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0373495 | .0175968 | .1544211 | .0046780 | .0111762 | 30.96268 | .4154149 |
| Stddev | .0070490 | .0004175 | .0011567 | .0061811 | .0025401 | .15633   | .0026057 |
| %RSD   | 18.87309 | 2.372803 | .7490628 | 132.1314 | 22.72823 | .5048975 | .6272489 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0385113 | .0176587 | .1557565 | .0115394 | .0133572 | 30.99313 | .4145481 |
| #2 | .0437454 | .0171518 | .1537748 | .0029498 | .0117840 | 31.10154 | .4183435 |
| #3 | .0297918 | .0179800 | .1537319 | -.000455 | .0083872 | 30.79336 | .4133531 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035406 | .0014053 | 488.4902 | .0496767 | .0753478 | .0996217 | 82.14558 |
| Stddev | .0000962 | .0000891 | 1.9478   | .0006329 | .0002774 | .0097716 | .32174   |
| %RSD   | 2.717019 | 6.338285 | .3987400 | 1.273930 | .3682257 | 9.808666 | .3916661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034973 | .0013064 | 489.3794 | .0502769 | .0753586 | .0972960 | 82.11409 |
| #2 | .0036509 | .0014303 | 489.8347 | .0490156 | .0756197 | .1103463 | 82.48191 |
| #3 | .0034737 | .0014793 | 486.2565 | .0497377 | .0750652 | .0912229 | 81.84075 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.192529 | 41.95088 | .0627007 | -.003196 | .5327038 | .0632004 | .1710105 |
| Stddev | .020710  | .35373   | .0002421 | .000513  | .0127341 | .0076769 | .0016967 |
| %RSD   | .6487166 | .8431958 | .3861498 | 16.03922 | 2.390459 | 12.14699 | .9921832 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.194544 | 42.35206 | .0625268 | -.002899 | .5438397 | .0600211 | .1729252 |
| #2 | 3.212159 | 41.81678 | .0629772 | -.002901 | .5354516 | .0719562 | .1696937 |
| #3 | 3.170885 | 41.68382 | .0625980 | -.003788 | .5188202 | .0576237 | .1704124 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.333631 | 2.091444 | -.137242 | .0051761 | .8826868 | 8.478396 | .0146733 |
| Stddev | .150005  | .010661  | .002289  | .0010127 | .0042016 | .102465  | .0019593 |
| %RSD   | 2.368396 | .5097661 | 1.667687 | 19.56527 | .4759991 | 1.208539 | 13.35292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.396222 | 2.079541 | -.139035 | .0042832 | .8872094 | 8.485543 | .0165785 |
| #2 | 6.442204 | 2.100117 | -.138026 | .0062765 | .8789046 | 8.577100 | .0147772 |
| #3 | 6.162466 | 2.094673 | -.134664 | .0049685 | .8819465 | 8.372545 | .0126641 |

Sample Name: P5061-06DLX2      Acquired: 01/03/2025 23:22:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2827768 | .3860377 | .0476105 |
| Stddev | .0114868 | .0016821 | .0029476 |
| %RSD   | 4.062153 | .4357257 | 6.190984 |
| #1     | .2746022 | .3870046 | .0442946 |
| #2     | .2778181 | .3870131 | .0486038 |
| #3     | .2959100 | .3840954 | .0499330 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1871.402 | 19366.58 | 1907.966 | 1414.084 | 1788.396 |
| Stddev    | 2.504    | 100.54   | 23.859   | 13.003   | 1.538    |
| %RSD      | .1338177 | .5191646 | 1.250475 | .9195315 | .0859720 |
| #1        | 1869.631 | 19253.15 | 1903.498 | 1399.140 | 1788.207 |
| #2        | 1870.307 | 19401.84 | 1886.656 | 1422.820 | 1786.962 |
| #3        | 1874.267 | 19444.74 | 1933.742 | 1420.291 | 1790.019 |

Sample Name: P5061-05DLX10      Acquired: 01/03/2025 23:26:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027188 | .0195101 | .0317172 | -.015251 | .0016753 | 6.209224 | .0716144 |
| Stddev | .0047876 | .0024291 | .0019280 | .004530  | .0041797 | .033811  | .0031234 |
| %RSD   | 176.0954 | 12.45048 | 6.078551 | 29.70098 | 249.4865 | .5445245 | 4.361428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002257 | .0218319 | .0336347 | -.017984 | .0016545 | 6.196202 | .0746838 |
| #2 | .007292  | .0169863 | .0317381 | -.017746 | .0058654 | 6.183861 | .0684396 |
| #3 | .003121  | .0197121 | .0297789 | -.010022 | -.002494 | 6.247610 | .0717198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006160 | .0001745 | 106.1560 | .0101863 | .0326306 | .0136937 | 17.05253 |
| Stddev | .0000301 | .0000471 | .4570    | .0003150 | .0002544 | .0098654 | .08047   |
| %RSD   | 4.884549 | 27.00153 | .4304747 | 3.092050 | .7796279 | 72.04356 | .4718657 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005824 | .0002284 | 105.9474 | .0105452 | .0325078 | .0024521 | 17.12047 |
| #2 | .0006250 | .0001411 | 105.8406 | .0100579 | .0329231 | .0209105 | 16.96367 |
| #3 | .0006405 | .0001541 | 106.6801 | .0099559 | .0324609 | .0177184 | 17.07346 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5891034 | 9.934743 | .0076023 | .0000672 | .0704839 | .0019517 | .0332353 |
| Stddev | .0040225 | .0711171 | .0006213 | .0025102 | .0185553 | .0051272 | .0007371 |
| %RSD   | .6828131 | .7163882 | 8.172272 | 3732.573 | 26.32558 | 262.7052 | 2.217724 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5904181 | 9.907270 | .0083115 | .0003051 | .0846739 | -.002109 | .0329340 |
| #2 | .5923040 | 9.881402 | .0071538 | -.002553 | .0772915 | .000251  | .0340752 |
| #3 | .5845881 | 10.01556 | .0073418 | .002450  | .0494863 | .007713  | .0326965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.023374 | .4159687 | -.037970 | .0049237 | .1564565 | 1.280880 | .0040995 |
| Stddev | .154551  | .0030316 | .002980  | .0005979 | .0009546 | .008726  | .0004327 |
| %RSD   | 15.10205 | .7288181 | 7.847591 | 12.14360 | .6101111 | .6812373 | 10.55430 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .963810  | .4129088 | -.040959 | .0054878 | .1572259 | 1.273119 | .0036009 |
| #2 | .907468  | .4160260 | -.035000 | .0049865 | .1553883 | 1.279196 | .0043220 |
| #3 | 1.198844 | .4189713 | -.037951 | .0042969 | .1567554 | 1.290325 | .0043757 |

Sample Name: P5061-05DLX10      Acquired: 01/03/2025 23:26:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0311943 | .0665313 | .0002080 |
| Stddev | .0060973 | .0006498 | .0071464 |
| %RSD   | 19.54623 | .9767065 | 3436.129 |
| #1     | .0242829 | .0658562 | -.006079 |
| #2     | .0334875 | .0665852 | .007981  |
| #3     | .0358125 | .0671525 | -.001278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1845.877 | 18966.82 | 1836.482 | 1392.416 | 1965.327 |
| Stddev    | 2.082    | 101.37   | 3.693    | 12.408   | 2.487    |
| %RSD      | .1127779 | .5344534 | .2010920 | .8911170 | .1265648 |
| #1        | 1846.297 | 18854.62 | 1833.870 | 1385.652 | 1966.908 |
| #2        | 1847.717 | 18994.05 | 1840.707 | 1384.861 | 1962.460 |
| #3        | 1843.617 | 19051.80 | 1834.868 | 1406.737 | 1966.613 |

Sample Name: P5061-07DLX2      Acquired: 01/03/2025 23:30:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0818516 | .0612944 | .1635944 | .0836680 | .0944400 | 29.92126 | 2.161259 |
| Stddev | .0037290 | .0044899 | .0020783 | .0057047 | .0087445 | .07247   | .007051  |
| %RSD   | 4.555791 | 7.325108 | 1.270401 | 6.818256 | 9.259274 | .2422185 | .3262629 |
| #1     | .0793576 | .0566783 | .1636057 | .0855643 | .0843460 | 29.87705 | 2.156988 |
| #2     | .0861384 | .0656464 | .1615105 | .0772566 | .0992660 | 30.00490 | 2.169397 |
| #3     | .0800588 | .0615586 | .1656671 | .0881830 | .0997081 | 29.88182 | 2.157390 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0508353 | .0500114 | 478.1808 | .2375429 | .5533743 | .3100829 | 77.44135 |
| Stddev | .0005787 | .0001669 | 1.4990   | .0005609 | .0006837 | .0090316 | .26331   |
| %RSD   | 1.138418 | .3337234 | .3134849 | .2361099 | .1235480 | 2.912654 | .3400072 |
| #1     | .0508274 | .0501881 | 477.0781 | .2379045 | .5541148 | .3199606 | 77.30243 |
| #2     | .0514180 | .0499898 | 479.8876 | .2368968 | .5527670 | .3022470 | 77.74502 |
| #3     | .0502606 | .0498564 | 477.5766 | .2378273 | .5532411 | .3080410 | 77.27659 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.069240 | 44.40128 | .5526408 | .0303729 | .5102623 | .5354104 | .5671334 |
| Stddev | .013295  | .16026   | .0017143 | .0008268 | .0074472 | .0071770 | .0024589 |
| %RSD   | .4331758 | .3609356 | .3101958 | 2.722140 | 1.459477 | 1.340461 | .4335738 |
| #1     | 3.056691 | 44.31927 | .5512029 | .0302189 | .5085547 | .5391995 | .5645593 |
| #2     | 3.083173 | 44.58595 | .5521817 | .0296339 | .5184149 | .5398988 | .5673827 |
| #3     | 3.067855 | 44.29862 | .5545379 | .0312658 | .5038172 | .5271330 | .5694582 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.401557 | 2.134019 | -.130183 | .0044992 | .7972721 | 5.765571 | .0105338 |
| Stddev | .116081  | .005568  | .001183  | .0012685 | .0008404 | .043472  | .0004487 |
| %RSD   | 2.149026 | .2609127 | .9089312 | 28.19462 | .1054068 | .7539930 | 4.259622 |
| #1     | 5.344249 | 2.130213 | -.130814 | .0040021 | .7964354 | 5.803126 | .0100479 |
| #2     | 5.535147 | 2.131434 | -.130916 | .0059410 | .7972649 | 5.775638 | .0106210 |
| #3     | 5.325275 | 2.140409 | -.128818 | .0035545 | .7981161 | 5.717948 | .0109325 |

Sample Name: P5061-07DLX2      Acquired: 01/03/2025 23:30:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL52S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1509045 | .3021571 | .0412196 |
| Stddev | .0020354 | .0010296 | .0029541 |
| %RSD   | 1.348803 | .3407510 | 7.166708 |
| #1     | .1530534 | .3020296 | .0429494 |
| #2     | .1506543 | .3032445 | .0429008 |
| #3     | .1490057 | .3011972 | .0378086 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1902.333 | 19608.58 | 1934.269 | 1429.391 | 1826.598 |
| Stddev    | 4.596    | 44.35    | 14.887   | 5.149    | 1.101    |
| %RSD      | .2416089 | .2261539 | .7696333 | .3602216 | .0602576 |
| #1        | 1906.606 | 19640.95 | 1923.745 | 1435.316 | 1826.379 |
| #2        | 1897.470 | 19626.75 | 1927.761 | 1426.865 | 1827.792 |
| #3        | 1902.923 | 19558.03 | 1951.302 | 1425.993 | 1825.623 |

Sample Name: P5061-08DLX2      Acquired: 01/03/2025 23:34:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL53      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0446086 | .0169651 | .1546007 | .0082019 | .0151001 | 34.16500 | .3750206 |
| Stddev | .0096820 | .0068071 | .0026648 | .0067989 | .0014385 | .14617   | .0027347 |
| %RSD   | 21.70445 | 40.12446 | 1.723667 | 82.89442 | 9.526515 | .4278467 | .7292019 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0470304 | .0237766 | .1530847 | .0119186 | .0165341 | 34.03982 | .3722669 |
| #2 | .0528499 | .0101623 | .1530398 | .0003548 | .0136571 | 34.32565 | .3750592 |
| #3 | .0339456 | .0169563 | .1576777 | .0123323 | .0151092 | 34.12954 | .3777358 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036315 | .0014233 | 452.0912 | .0567424 | .0731312 | .0797038 | 84.93412 |
| Stddev | .0001023 | .0001314 | 2.5915   | .0007806 | .0008073 | .0077925 | .55350   |
| %RSD   | 2.817242 | 9.234735 | .5732253 | 1.375662 | 1.103953 | 9.776803 | .6516770 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035363 | .0014865 | 449.7937 | .0561620 | .0740577 | .0795997 | 84.41368 |
| #2 | .0037397 | .0015111 | 454.9004 | .0576298 | .0725786 | .0875478 | 85.51561 |
| #3 | .0036186 | .0012722 | 451.5795 | .0564354 | .0727574 | .0719639 | 84.87308 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.215501 | 41.54706 | .0677087 | -.004236 | .6471450 | .0610903 | .2176814 |
| Stddev | .026317  | .24818   | .0016871 | .001145  | .0136402 | .0091882 | .0012704 |
| %RSD   | .8184432 | .5973494 | 2.491740 | 27.01982 | 2.107746 | 15.04032 | .5835932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.194845 | 41.33654 | .0661898 | -.005199 | .6347524 | .0578134 | .2190319 |
| #2 | 3.245132 | 41.82071 | .0695246 | -.004539 | .6617599 | .0539898 | .2165102 |
| #3 | 3.206527 | 41.48392 | .0674115 | -.002971 | .6449227 | .0714677 | .2175021 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.955913 | 3.237855 | -.148794 | .0041021 | .8612977 | 6.283556 | .0162694 |
| Stddev | .103360  | .003192  | .002901  | .0007029 | .0089333 | .048352  | .0018315 |
| %RSD   | 1.735426 | .0985970 | 1.949893 | 17.13555 | 1.037193 | .7695052 | 11.25738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.074322 | 3.234686 | -.146305 | .0042423 | .8510959 | 6.228503 | .0148448 |
| #2 | 5.883753 | 3.237811 | -.148096 | .0033397 | .8650767 | 6.303030 | .0156281 |
| #3 | 5.909663 | 3.241070 | -.151980 | .0047244 | .8677204 | 6.319135 | .0183353 |

Sample Name: P5061-08DLX2      Acquired: 01/03/2025 23:34:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL53      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2095070 | .4629731 | .0536393 |
| Stddev | .0042845 | .0016554 | .0032737 |
| %RSD   | 2.045033 | .3575609 | 6.103131 |
| #1     | .2069359 | .4612746 | .0559241 |
| #2     | .2144530 | .4645817 | .0551048 |
| #3     | .2071322 | .4630631 | .0498889 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1940.637 | 19839.15 | 1971.710 | 1450.895 | 1822.130 |
| Stddev    | 4.673    | 77.71    | 6.435    | 17.190   | 4.207    |
| %RSD      | .2407841 | .3916854 | .3263642 | 1.184778 | .2308717 |
| #1        | 1944.514 | 19789.31 | 1978.894 | 1432.614 | 1822.236 |
| #2        | 1935.449 | 19799.45 | 1966.476 | 1453.340 | 1817.871 |
| #3        | 1941.948 | 19928.69 | 1969.760 | 1466.732 | 1826.282 |



Sample Name: CCV107      Acquired: 01/03/2025 23:38:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV107      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.979886 | 4.845596 | 24.74007 | 4.887879 | 4.888198 | 401.3165   |
| Stddev | .010559  | .009820  | .01299   | .006508  | .021410  | 1.9422     |
| %RSD   | .2120416 | .2026547 | .0525007 | .1331550 | .4380008 | .4839545   |
| #1     | 4.981986 | 4.856438 | 24.72780 | 4.893468 | 4.882937 | 400.2303   |
| #2     | 4.968435 | 4.837299 | 24.73874 | 4.880734 | 4.869908 | 403.5588   |
| #3     | 4.989238 | 4.843052 | 24.75367 | 4.889436 | 4.911748 | 400.1605   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.24817 | .5174360 | 2.490970 | 409.7433 | 15.39352 | 2.502434   |
| Stddev | .04000   | .0019827 | .001212  | .8337    | .01172   | .001469    |
| %RSD   | .3903411 | .3831725 | .0486377 | .2034614 | .0761163 | .0587107   |
| #1     | 10.20830 | .5155228 | 2.491136 | 408.9476 | 15.40298 | 2.501917   |
| #2     | 10.24790 | .5173039 | 2.489684 | 409.6721 | 15.38041 | 2.501293   |
| #3     | 10.28830 | .5194815 | 2.492090 | 410.6103 | 15.39716 | 2.504092   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 15.37344 | 406.6867 | 15.19393 | 405.3835 | 2.509388 | 1.249229   |
| Stddev | .04250   | 1.4205   | .04158   | 1.2193   | .001117  | .001313    |
| %RSD   | .2764460 | .3492826 | .2736636 | .3007713 | .0445162 | .1051442   |
| #1     | 15.34313 | 406.7097 | 15.15957 | 404.6616 | 2.509747 | 1.247729   |
| #2     | 15.42202 | 408.0956 | 15.24015 | 406.7913 | 2.510281 | 1.249783   |
| #3     | 15.35517 | 405.2549 | 15.18206 | 404.6977 | 2.508135 | 1.250175   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 414.5123 | 2.532695 | 14.54592 | 151.9291 | 4.927226 | F 4.455943 |
| Stddev | 2.7836   | .023436  | .02338   | .6606    | .017934  | .016850    |
| %RSD   | .6715431 | .9253278 | .1607018 | .4348052 | .3639859 | .3781468   |
| #1     | 414.8078 | 2.531484 | 14.57247 | 151.1742 | 4.938374 | 4.445972   |
| #2     | 411.5927 | 2.556713 | 14.52843 | 152.4014 | 4.906538 | 4.475398   |
| #3     | 417.1364 | 2.509889 | 14.53686 | 152.2116 | 4.936766 | 4.446459   |

Sample Name: CCV107      Acquired: 01/03/2025 23:38:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV107      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | 4.890959 | 4.951091 | 5.053074 | 5.017284 | 5.069372 | 4.796131 |
| Stddev    | .016948  | .022685  | .007484  | .005225  | .007315  | .015132  |
| %RSD      | .3465081 | .4581914 | .1481034 | .1041473 | .1443053 | .3155099 |
| #1        | 4.881245 | 4.929193 | 5.044928 | 5.014153 | 5.075502 | 4.785455 |
| #2        | 4.881105 | 4.949590 | 5.054649 | 5.014383 | 5.071339 | 4.813449 |
| #3        | 4.910529 | 4.974490 | 5.059645 | 5.023317 | 5.061274 | 4.789491 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | 4.847716 |          |          |          |          |          |
| Stddev    | .025019  |          |          |          |          |          |
| %RSD      | .5160933 |          |          |          |          |          |
| #1        | 4.824133 |          |          |          |          |          |
| #2        | 4.845057 |          |          |          |          |          |
| #3        | 4.873958 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 1528.496 | 16700.75 | 1683.443 | 1144.477 | 1641.704 |          |
| Stddev    | 3.269    | 42.41    | 4.750    | 3.285    | 1.719    |          |
| %RSD      | .2138618 | .2539599 | .2821455 | .2870681 | .1046867 |          |
| #1        | 1531.152 | 16665.99 | 1684.751 | 1141.414 | 1643.506 |          |
| #2        | 1529.489 | 16748.01 | 1687.401 | 1147.947 | 1640.084 |          |
| #3        | 1524.845 | 16688.26 | 1678.176 | 1144.071 | 1641.521 |          |

Sample Name: CCB107      Acquired: 01/03/2025 23:41:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB107      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089219 | .0025006 | -.002055 | .0028027 | .0007294 | .0202229 | -.002509 |
| Stddev | .0044949 | .0071664 | .001221  | .0033180 | .0041421 | .0572047 | .001136  |
| %RSD   | 50.38057 | 286.5880 | 59.43131 | 118.3851 | 567.8747 | 282.8716 | 45.26066 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0140567 | -.004734 | -.002965 | .0052771 | -.002054 | -.018966 | -.001397 |
| #2 | .0056989 | .009597  | -.002532 | .0040987 | .005490  | -.006233 | -.003666 |
| #3 | .0070102 | .002639  | -.000667 | -.000968 | -.001248 | .085867  | -.002464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | -.000052 | -.021806 | .0004651 | .0000390 | -.005833 | .0332606 |
| Stddev | .000099  | .000091  | .037811  | .0008404 | .0005043 | .006807  | .0194702 |
| %RSD   | 1005.350 | 174.1495 | 173.4000 | 180.7082 | 1293.788 | 116.6983 | 58.53836 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000034  | -.000156 | -.012450 | .0013691 | .0001163 | -.000730 | .0150879 |
| #2 | .000060  | .000016  | -.063416 | .0003185 | -.000500 | -.013561 | .0538101 |
| #3 | -.000123 | -.000017 | .010450  | -.000292 | .000500  | -.003208 | .0308838 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055705 | -.223731 | -.000783 | .0006418 | .1566383 | -.001845 | .0001754 |
| Stddev | .0004637 | .083480  | .000754  | .0002911 | .0313305 | .000755  | .0004622 |
| %RSD   | 8.323532 | 37.31249 | 96.34978 | 45.36501 | 20.00184 | 40.92935 | 263.5784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050353 | -.273754 | -.001636 | .0009542 | .1866990 | -.002687 | -.000076 |
| #2 | .0058513 | -.127360 | -.000507 | .0005932 | .1590398 | -.001227 | -.000107 |
| #3 | .0058248 | -.270079 | -.000205 | .0003780 | .1241761 | -.001621 | .000709  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0771348 | .0002810 | .0090871 | -.000120 | -.013377 | -.001814 | .0010322 |
| Stddev | .1659115 | .0007017 | .0025144 | .000511  | .001620  | .000852  | .0014248 |
| %RSD   | 215.0929 | 249.7090 | 27.66965 | 424.9570 | 12.10776 | 46.97662 | 138.0364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.090277 | -.000090 | .0092165 | -.000085 | -.012476 | -.001359 | .0021647 |
| #2 | .241504  | .001090  | .0065105 | .000373  | -.015247 | -.002797 | -.000568 |
| #3 | .080178  | -.000157 | .0115342 | -.000648 | -.012408 | -.001286 | .001500  |

Sample Name: CCB107      Acquired: 01/03/2025 23:41:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB107      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.008798 | -.000280 | .0001166 |
| Stddev | .002184  | .000202  | .0012768 |
| %RSD   | 24.82977 | 72.28529 | 1094.882 |
| #1     | -.009194 | -.000083 | -.001339 |
| #2     | -.006442 | -.000271 | .001049  |
| #3     | -.010757 | -.000487 | .000640  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1847.123 | 18893.92 | 1811.732 | 1389.833 | 2051.910 |
| Stddev    | 11.379   | 120.53   | 19.206   | 8.258    | 8.135    |
| %RSD      | .6160461 | .6379185 | 1.060096 | .5941925 | .3964806 |
| #1        | 1837.322 | 18798.05 | 1794.763 | 1385.394 | 2043.646 |
| #2        | 1844.444 | 18854.49 | 1807.850 | 1384.744 | 2052.172 |
| #3        | 1859.602 | 19029.22 | 1832.583 | 1399.362 | 2059.911 |

Sample Name: P5061-09DLX2      Acquired: 01/03/2025 23:45:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108651 | .0249229 | .1192390 | -.019233 | .0065118 | 22.90250 | .2746085 |
| Stddev | .0047732 | .0061871 | .0006008 | .004179  | .0070385 | .11441   | .0015750 |
| %RSD   | 43.93158 | 24.82503 | .5038277 | 21.72692 | 108.0895 | .4995494 | .5735573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078254 | .0226905 | .1195031 | -.023329 | .0143225 | 22.80512 | .2738518 |
| #2 | .0163666 | .0319163 | .1196625 | -.014976 | .0006609 | 23.02850 | .2764191 |
| #3 | .0084033 | .0201618 | .1185515 | -.019394 | .0045518 | 22.87388 | .2735546 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023422 | .0008596 | 625.5375 | .0390021 | .0654621 | .0577888 | 53.83738 |
| Stddev | .0001099 | .0000633 | 2.9485   | .0005781 | .0007950 | .0018540 | .31483   |
| %RSD   | 4.690758 | 7.358461 | .4713487 | 1.482260 | 1.214440 | 3.208197 | .5847747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022211 | .0009254 | 623.6761 | .0393601 | .0662018 | .0597361 | 53.53834 |
| #2 | .0024355 | .0008540 | 628.9370 | .0393111 | .0655631 | .0560450 | 54.16592 |
| #3 | .0023701 | .0007993 | 623.9995 | .0383352 | .0646215 | .0575853 | 53.80787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.056177 | 179.4754 | .0466037 | -.002486 | .8250701 | .0586424 | .1702817 |
| Stddev | .018868  | .3144    | .0006666 | .000333  | .0198893 | .0121168 | .0014644 |
| %RSD   | .6173791 | .1751859 | 1.430368 | 13.38718 | 2.410617 | 20.66224 | .8600007 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.036482 | 179.1490 | .0467292 | -.002298 | .8250175 | .0572667 | .1701920 |
| #2 | 3.074093 | 179.7762 | .0471986 | -.002290 | .8449857 | .0713884 | .1717889 |
| #3 | 3.057955 | 179.5010 | .0458833 | -.002870 | .8052072 | .0472722 | .1688642 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.247577 | 2.417942 | -.073959 | .0046253 | .8796739 | 5.170680 | .0048419 |
| Stddev | .087756  | .009380  | .001059  | .0002900 | .0048269 | .047132  | .0022168 |
| %RSD   | 2.066022 | .3879162 | 1.432022 | 6.270171 | .5487195 | .9115222 | 45.78413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.201731 | 2.407114 | -.073799 | .0045945 | .8741111 | 5.157064 | .0057399 |
| #2 | 4.192239 | 2.423172 | -.075089 | .0043519 | .8821539 | 5.223121 | .0064688 |
| #3 | 4.348760 | 2.423541 | -.072989 | .0049294 | .8827568 | 5.131854 | .0023170 |

Sample Name: P5061-09DLX2      Acquired: 01/03/2025 23:45:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0819504 | .3782457 | .0433958 |
| Stddev | .0022855 | .0019251 | .0028940 |
| %RSD   | 2.788919 | .5089503 | 6.668865 |
| #1     | .0815464 | .3763715 | .0435074 |
| #2     | .0844111 | .3802179 | .0462324 |
| #3     | .0798939 | .3781476 | .0404476 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1851.087 | 19161.97 | 1904.211 | 1397.352 | 1743.245 |
| Stddev    | 4.636    | 57.48    | 7.621    | 4.887    | 3.751    |
| %RSD      | .2504377 | .2999672 | .4002181 | .3496977 | .2151453 |
| #1        | 1848.127 | 19183.53 | 1899.793 | 1401.714 | 1739.613 |
| #2        | 1848.703 | 19096.83 | 1899.829 | 1392.072 | 1743.017 |
| #3        | 1856.429 | 19205.56 | 1913.011 | 1398.270 | 1747.104 |

Sample Name: P5061-11DLX2      Acquired: 01/03/2025 23:49:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0183349 | .0225455 | .1126788 | -.002689 | .0089875 | 16.49415 | .1473215 |
| Stddev | .0029011 | .0043429 | .0030957 | .004859  | .0043744 | .05764   | .0036784 |
| %RSD   | 15.82251 | 19.26272 | 2.747397 | 180.7034 | 48.67184 | .3494874 | 2.496825 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0161558 | .0226300 | .1129566 | -.000507 | .0139678 | 16.55636 | .1434318 |
| #2 | .0216278 | .0268455 | .1094535 | .000696  | .0072267 | 16.48354 | .1507439 |
| #3 | .0172212 | .0181610 | .1156262 | -.008257 | .0057679 | 16.44254 | .1477887 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019517 | .0011082 | 544.7117 | .0321058 | .0626697 | .0863922 | 62.92982 |
| Stddev | .0000346 | .0001955 | 1.9966   | .0006095 | .0012276 | .0111723 | .16836   |
| %RSD   | 1.772622 | 17.63924 | .3665442 | 1.898323 | 1.958784 | 12.93212 | .2675401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019123 | .0011591 | 545.8482 | .0324687 | .0620324 | .0896877 | 63.12064 |
| #2 | .0019773 | .0012732 | 545.8807 | .0324465 | .0618919 | .0955462 | 62.86664 |
| #3 | .0019654 | .0008923 | 542.4063 | .0314022 | .0640849 | .0739428 | 62.80219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.374583 | 128.7705 | .0391647 | -.003849 | .7283682 | .0523568 | .2051510 |
| Stddev | .012687  | .4306    | .0009597 | .001379  | .0238212 | .0228981 | .0002586 |
| %RSD   | .3759461 | .3343814 | 2.450300 | 35.83824 | 3.270488 | 43.73474 | .1260651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.385670 | 129.1791 | .0380662 | -.005182 | .7554758 | .0734932 | .2048912 |
| #2 | 3.377332 | 128.8113 | .0395879 | -.002427 | .7107730 | .0280313 | .2051532 |
| #3 | 3.360747 | 128.3209 | .0398400 | -.003939 | .7188559 | .0555459 | .2054085 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.303630 | 2.710828 | -.123438 | .0051153 | .6001339 | 4.050905 | .0072309 |
| Stddev | .286831  | .009789  | .005132  | .0002100 | .0023753 | .029080  | .0008826 |
| %RSD   | 12.45125 | .3611224 | 4.157771 | 4.105227 | .3957882 | .7178695 | 12.20565 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.600606 | 2.699719 | -.128028 | .0053557 | .5981438 | 4.058886 | .0078729 |
| #2 | 2.282128 | 2.718193 | -.124390 | .0049672 | .5994944 | 4.075162 | .0075954 |
| #3 | 2.028155 | 2.714571 | -.117897 | .0050231 | .6027634 | 4.018668 | .0062245 |

Sample Name: P5061-11DLX2      Acquired: 01/03/2025 23:49:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2017838 | .3800906 | .0294700 |
| Stddev | .0053009 | .0027566 | .0026220 |
| %RSD   | 2.627037 | .7252527 | 8.897359 |
| #1     | .2007830 | .3821814 | .0266850 |
| #2     | .2075139 | .3811237 | .0298338 |
| #3     | .1970547 | .3769667 | .0318911 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1875.928 | 19371.28 | 1914.275 | 1409.863 | 1782.599 |
| Stddev    | 4.014    | 76.31    | 6.489    | 8.070    | 2.981    |
| %RSD      | .2140007 | .3939476 | .3389987 | .5724135 | .1672393 |
| #1        | 1875.947 | 19380.06 | 1913.707 | 1409.966 | 1780.793 |
| #2        | 1871.904 | 19442.83 | 1908.089 | 1417.881 | 1780.964 |
| #3        | 1879.933 | 19290.96 | 1921.030 | 1401.741 | 1786.040 |



Sample Name: P5061-22DLX2      Acquired: 01/03/2025 23:53:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0267184 | .0159565 | .1324676 | .0025281 | .0138684 | 27.97904 | .3489888 |
| Stddev | .0024826 | .0028011 | .0010681 | .0098869 | .0019768 | .08640   | .0028701 |
| %RSD   | 9.291682 | 17.55452 | .8063372 | 391.0893 | 14.25369 | .3087847 | .8224020 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0291668 | .0174487 | .1321446 | .0126110 | .0154178 | 27.93902 | .3479589 |
| #2 | .0267854 | .0127252 | .1315984 | .0021236 | .0145452 | 28.07819 | .3522318 |
| #3 | .0242030 | .0176956 | .1336600 | -.007150 | .0116421 | 27.91991 | .3467758 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026268 | .0022967 | 555.1677 | .0512379 | .0732156 | .0602463 | 79.96469 |
| Stddev | .0001727 | .0001135 | .5308    | .0006670 | .0009398 | .0036085 | .18772   |
| %RSD   | 6.575179 | 4.942728 | .0956181 | 1.301802 | 1.283533 | 5.989509 | .2347566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024290 | .0024262 | 555.1315 | .0504980 | .0722919 | .0618616 | 80.02929 |
| #2 | .0027481 | .0022142 | 555.7158 | .0514229 | .0741706 | .0561123 | 80.11159 |
| #3 | .0027032 | .0022498 | 554.6559 | .0517929 | .0731842 | .0627649 | 79.75321 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.035213 | 56.22188 | .0704027 | -.004003 | .6575046 | .0774974 | .2417090 |
| Stddev | .007115  | .34581   | .0009308 | .001290  | .0065209 | .0111401 | .0021511 |
| %RSD   | .1178932 | .6150825 | 1.322125 | 32.22347 | .9917588 | 14.37485 | .8899456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.042889 | 55.88703 | .0714428 | -.003605 | .6500576 | .0786582 | .2432620 |
| #2 | 6.033912 | 56.57770 | .0701172 | -.005445 | .6621912 | .0658223 | .2426112 |
| #3 | 6.028839 | 56.20089 | .0696480 | -.002959 | .6602652 | .0880116 | .2392537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.648860 | 4.537939 | -.140517 | .0052075 | .7859610 | 6.023223 | .0153089 |
| Stddev | .208005  | .016796  | .001928  | .0007622 | .0033022 | .030634  | .0026738 |
| %RSD   | 4.474326 | .3701321 | 1.371766 | 14.63596 | .4201484 | .5085993 | 17.46564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.580688 | 4.533606 | -.139306 | .0047456 | .7896378 | 6.002827 | .0133625 |
| #2 | 4.882397 | 4.523734 | -.142739 | .0047897 | .7849973 | 6.058450 | .0142065 |
| #3 | 4.483496 | 4.556478 | -.139505 | .0060872 | .7832478 | 6.008392 | .0183576 |

Sample Name: P5061-22DLX2      Acquired: 01/03/2025 23:53:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4783753 | .3408982 | .0481144 |
| Stddev | .0011684 | .0006805 | .0039408 |
| %RSD   | .2442367 | .1996144 | 8.190404 |
| #1     | .4772125 | .3416471 | .0471724 |
| #2     | .4795491 | .3407300 | .0447299 |
| #3     | .4783642 | .3403176 | .0524407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1919.314 | 19822.85 | 1973.335 | 1447.464 | 1781.907 |
| Stddev    | 3.099    | 84.04    | 8.358    | 5.060    | 2.304    |
| %RSD      | .1614811 | .4239608 | .4235462 | .3495728 | .1292828 |
| #1        | 1922.890 | 19727.02 | 1975.490 | 1442.796 | 1784.560 |
| #2        | 1917.644 | 19857.51 | 1964.110 | 1446.756 | 1780.753 |
| #3        | 1917.408 | 19884.01 | 1980.404 | 1452.841 | 1780.409 |

Sample Name: P5061-15DLX5      Acquired: 01/03/2025 23:57:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL64      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0617751 | .0062156 | .7664461 | .0330162 | .0094870 | 20.05647 | .6884878 |
| Stddev | .0018093 | .0041249 | .0024077 | .0069309 | .0016235 | .17638   | .0026376 |
| %RSD   | 2.928794 | 66.36423 | .3141439 | 20.99239 | 17.11266 | .8794025 | .3831038 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0600540 | .0100935 | .7636703 | .0339097 | .0076144 | 20.09763 | .6861270 |
| #2 | .0636612 | .0066717 | .7679697 | .0256819 | .0103491 | 19.86315 | .6913346 |
| #3 | .0616101 | .0018816 | .7676984 | .0394570 | .0104977 | 20.20862 | .6880018 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012174 | .0037136 | 36.30478 | .0451233 | .0459181 | .1189546 | 56.87941 |
| Stddev | .0001759 | .0000675 | .12209   | .0010943 | .0002227 | .0118955 | .38470   |
| %RSD   | 14.44848 | 1.816361 | .3362952 | 2.425035 | .4850004 | 10.00001 | .6763405 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010596 | .0037769 | 36.44532 | .0440372 | .0460353 | .1289521 | 56.92601 |
| #2 | .0014071 | .0037213 | 36.22485 | .0462255 | .0460578 | .1057986 | 56.47353 |
| #3 | .0011856 | .0036426 | 36.24417 | .0451071 | .0456613 | .1221131 | 57.23869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.89443 | 10.66539 | .0508851 | .0013310 | .2212486 | .0493414 | 1.792511 |
| Stddev | .12524   | .08524   | .0010337 | .0006144 | .0091810 | .0059426 | .004987  |
| %RSD   | .7413087 | .7991794 | 2.031500 | 46.16265 | 4.149610 | 12.04394 | .2782101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.91574 | 10.57438 | .0520769 | .0016741 | .2173579 | .0548403 | 1.797641 |
| #2 | 16.75991 | 10.67842 | .0502327 | .0016971 | .2317342 | .0501467 | 1.792211 |
| #3 | 17.00765 | 10.74336 | .0503456 | .0006216 | .2146536 | .0430372 | 1.787680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.654056 | 2.432830 | -.121600 | .0045817 | .8271415 | 3.092539 | .0617427 |
| Stddev | .271189  | .005038  | .000773  | .0017364 | .0008099 | .022652  | .0015700 |
| %RSD   | 10.21792 | .2070709 | .6357980 | 37.89830 | .0979185 | .7324719 | 2.542888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.424670 | 2.438553 | -.122491 | .0063574 | .8279606 | 3.115137 | .0601542 |
| #2 | 2.953357 | 2.429069 | -.121113 | .0045000 | .8263411 | 3.092645 | .0617803 |
| #3 | 2.584141 | 2.430867 | -.121194 | .0028876 | .8271228 | 3.069833 | .0632936 |

Sample Name: P5061-15DLX5      Acquired: 01/03/2025 23:57:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL64      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2297238 | .0137002 | .0196167 |
| Stddev | .0066813 | .0002113 | .0034352 |
| %RSD   | 2.908425 | 1.542376 | 17.51173 |
| #1     | .2332317 | .0139408 | .0201906 |
| #2     | .2220191 | .0135447 | .0159306 |
| #3     | .2339205 | .0136152 | .0227287 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1946.449 | 19891.12 | 1926.138 | 1468.361 | 1996.185 |
| Stddev    | 1.450    | 139.92   | 15.358   | 8.366    | 2.225    |
| %RSD      | .0744975 | .7034112 | .7973599 | .5697303 | .1114821 |
| #1        | 1947.433 | 19793.91 | 1908.896 | 1461.166 | 1993.925 |
| #2        | 1944.784 | 20051.48 | 1938.352 | 1477.540 | 1996.255 |
| #3        | 1947.131 | 19827.98 | 1931.167 | 1466.378 | 1998.374 |

Sample Name: P5079-06DLX2      Acquired: 01/04/2025 0:01:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0224349 | .0284607 | .5033218 | -.019844 | .0043818 | 16.81272 |
| Stddev | .0014654 | .0018428 | .0050697 | .004402  | .0020547 | .13370   |
| %RSD   | 6.531763 | 6.474835 | 1.007258 | 22.18325 | 46.89205 | .7952070 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0235316 | .0295686 | .4974777 | -.017254 | .0034034 | 16.95981 |
| #2 | .0207707 | .0263334 | .5059481 | -.017350 | .0029992 | 16.77976 |
| #3 | .0230026 | .0294801 | .5065395 | -.024926 | .0067429 | 16.69858 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1810629 | .0018373 | .0042092 | F 884.1140 | .0629008 | .0656335 |
| Stddev | .0023144 | .0002138 | .0001256 | 3.0188     | .0006094 | .0004048 |
| %RSD   | 1.278240 | 11.63560 | 2.985217 | .3414481   | .9688207 | .6168011 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1827982 | .0019685 | .0041603 | 887.3593 | .0621972 | .0656928 |
| #2 | .1784351 | .0015906 | .0043519 | 881.3895 | .0632571 | .0660054 |
| #3 | .1819552 | .0019528 | .0041153 | 883.5932 | .0632482 | .0652022 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0946571 | 59.27657 | 4.530582 | 351.0722 | .0626968 | -.002219 |
| Stddev | .0037039 | .13607   | .007363  | 1.4998   | .0016281 | .000216  |
| %RSD   | 3.912963 | .2295528 | .1625124 | .4272158 | 2.596778 | 9.740592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0904113 | 59.43301 | 4.531675 | 352.7798 | .0640512 | -.002260 |
| #2 | .0972259 | 59.18568 | 4.522734 | 349.9679 | .0608905 | -.001985 |
| #3 | .0963340 | 59.21103 | 4.537337 | 350.4691 | .0631489 | -.002412 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.061456 | .0198117 | .6762242 | 5.240035 | 3.172351 | -.072604 |
| Stddev | .022812  | .0108711 | .0033932 | .076892  | .008077  | .000797  |
| %RSD   | 2.149113 | 54.87236 | .5017793 | 1.467391 | .2546220 | 1.098071 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.067827 | .0305552 | .6783490 | 5.190501 | 3.169822 | -.073044 |
| #2 | 1.036135 | .0088173 | .6780126 | 5.200989 | 3.181390 | -.073084 |
| #3 | 1.080404 | .0200626 | .6723109 | 5.328615 | 3.165840 | -.071684 |

Sample Name: P5079-06DLX2      Acquired: 01/04/2025 0:01:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050842 | 9.722059 | 4.643906 | .0275503 | .1835980 | .3627943 |
| Stddev | .0011982 | .010202  | .031362  | .0021399 | .0013524 | .0010810 |
| %RSD   | 23.56684 | .1049400 | .6753339 | 7.767381 | .7365877 | .2979751 |
| #1     | .0063425 | 9.729234 | 4.679936 | .0252116 | .1835813 | .3636166 |
| #2     | .0049533 | 9.710379 | 4.622731 | .0280289 | .1849586 | .3631966 |
| #3     | .0039569 | 9.726563 | 4.629052 | .0294105 | .1822541 | .3615698 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0392152 |
| Stddev | .0026772 |
| %RSD   | 6.827030 |
| #1     | .0364257 |
| #2     | .0394559 |
| #3     | .0417640 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1739.830 | 18042.49 | 1812.592 | 1300.317 | 1653.265 |
| Stddev    | 4.057    | 24.44    | 10.594   | 4.616    | 2.970    |
| %RSD      | .2332071 | .1354461 | .5844523 | .3550136 | .1796553 |
| #1        | 1739.948 | 18043.99 | 1800.441 | 1296.582 | 1653.712 |
| #2        | 1743.828 | 18066.14 | 1819.889 | 1298.890 | 1655.986 |
| #3        | 1735.715 | 18017.33 | 1817.447 | 1305.478 | 1650.096 |

Sample Name: P5079-21DLX2      Acquired: 01/04/2025 0:05:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0747200 | -.006262 | 2.674643 | .0322797 | .0159402 | 32.10411 | 14.30794 |
| Stddev | .0128192 | .003668  | .005145  | .0044486 | .0008028 | .18285   | .06830   |
| %RSD   | 17.15635 | 58.57703 | .1923747 | 13.78151 | 5.036086 | .5695604 | .4773738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0877144 | -.003482 | 2.675598 | .0358007 | .0161407 | 31.96458 | 14.27372 |
| #2 | .0743622 | -.004884 | 2.669087 | .0337583 | .0150562 | 32.31111 | 14.26351 |
| #3 | .0620834 | -.010419 | 2.679243 | .0272800 | .0166237 | 32.03664 | 14.38659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032045 | .0069507 | 45.34232 | .1221514 | .0505828 | .2180647 | 77.70563 |
| Stddev | .0001743 | .0000660 | .22582   | .0010146 | .0002530 | .0035156 | .28217   |
| %RSD   | 5.438791 | .9493375 | .4980359 | .8306046 | .5000935 | 1.612188 | .3631249 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032691 | .0069166 | 45.17397 | .1227487 | .0504849 | .2214554 | 77.39308 |
| #2 | .0033372 | .0070268 | 45.25404 | .1227256 | .0508701 | .2144363 | 77.94163 |
| #3 | .0030071 | .0069087 | 45.59894 | .1209799 | .0503934 | .2183023 | 77.78216 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.084704 | 16.80811 | .0877696 | -.002749 | .3428055 | .0950706 | 1.700249 |
| Stddev | .017032  | .07357   | .0002971 | .001432  | .0164157 | .0109464 | .012898  |
| %RSD   | .4169640 | .4376876 | .3384494 | 52.10074 | 4.788643 | 11.51401 | .7586103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.065116 | 16.77526 | .0875620 | -.001314 | .3309089 | .1011262 | 1.707551 |
| #2 | 4.096021 | 16.75670 | .0876370 | -.004178 | .3359737 | .1016512 | 1.707839 |
| #3 | 4.092975 | 16.89238 | .0881099 | -.002754 | .3615338 | .0824344 | 1.685356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.026803 | 5.529592 | -.147893 | .0061990 | 4.630171 | 5.831243 | .0627099 |
| Stddev | .106082  | .009840  | .001662  | .0000617 | .014699  | .054099  | .0015217 |
| %RSD   | 2.110319 | .1779589 | 1.123585 | .9946843 | .3174556 | .9277452 | 2.426580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.101349 | 5.538633 | -.147507 | .0061395 | 4.643751 | 5.893638 | .0615178 |
| #2 | 5.073705 | 5.519111 | -.146458 | .0061949 | 4.632198 | 5.802668 | .0621880 |
| #3 | 4.905355 | 5.531031 | -.149714 | .0062626 | 4.614564 | 5.797424 | .0644239 |

Sample Name: P5079-21DLX2      Acquired: 01/04/2025 0:05:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4432505 | .3958399 | .0454608 |
| Stddev | .0026735 | .0007587 | .0056976 |
| %RSD   | .6031513 | .1916764 | 12.53310 |
| #1     | .4402198 | .3952097 | .0516130 |
| #2     | .4452743 | .3966821 | .0403659 |
| #3     | .4442575 | .3956278 | .0444034 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2001.955 | 20511.02 | 2004.783 | 1504.844 | 1990.882 |
| Stddev    | 2.171    | 14.58    | 14.537   | 3.813    | 2.831    |
| %RSD      | .1084194 | .0710699 | .7251335 | .2533556 | .1421896 |
| #1        | 2003.412 | 20527.55 | 1988.238 | 1506.831 | 1991.636 |
| #2        | 2002.992 | 20500.00 | 2010.601 | 1500.449 | 1993.260 |
| #3        | 1999.460 | 20505.51 | 2015.510 | 1507.253 | 1987.751 |



Sample Name: P5060-04DLX2      Acquired: 01/04/2025 0:08:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0315769 | .0192803 | .1171150 | .0039197 | .0101904 | 25.21215 | .3060505 |
| Stddev | .0024151 | .0057353 | .0026337 | .0048829 | .0033108 | .03632   | .0018196 |
| %RSD   | 7.648215 | 29.74704 | 2.248822 | 124.5733 | 32.48899 | .1440760 | .5945428 |
| #1     | .0303610 | .0138363 | .1184137 | -.000223 | .0119083 | 25.18721 | .3080663 |
| #2     | .0343583 | .0252682 | .1188472 | .002679  | .0122891 | 25.25382 | .3045294 |
| #3     | .0300114 | .0187364 | .1140842 | .009303  | .0063738 | 25.19541 | .3055559 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026245 | .0018120 | 670.4024 | .0424986 | .0822262 | .1307876 | 88.28116 |
| Stddev | .0000839 | .0000484 | 1.9990   | .0017909 | .0005135 | .0045207 | .32642   |
| %RSD   | 3.195956 | 2.669363 | .2981731 | 4.213976 | .6244618 | 3.456550 | .3697504 |
| #1     | .0026153 | .0017710 | 670.2199 | .0413062 | .0816597 | .1354048 | 88.04696 |
| #2     | .0025456 | .0018653 | 672.4863 | .0445580 | .0823579 | .1305881 | 88.65402 |
| #3     | .0027126 | .0017995 | 668.5009 | .0416317 | .0826611 | .1263699 | 88.14251 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.392963 | 165.5045 | .0922065 | -.004752 | .8013342 | .0602530 | .2220748 |
| Stddev | .011092  | .5070    | .0010229 | .001199  | .0141184 | .0066042 | .0007480 |
| %RSD   | .1321625 | .3063160 | 1.109327 | 25.23512 | 1.761855 | 10.96071 | .3368151 |
| #1     | 8.382003 | 164.9249 | .0933639 | -.005754 | .7850972 | .0544419 | .2223645 |
| #2     | 8.392702 | 165.7228 | .0918315 | -.003423 | .8081888 | .0588822 | .2212253 |
| #3     | 8.404183 | 165.8657 | .0914240 | -.005078 | .8107166 | .0674350 | .2226346 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.721113 | 3.133883 | -.144539 | .0060358 | .7749973 | 6.167146 | .0147870 |
| Stddev | .156917  | .002943  | .003835  | .0009723 | .0027691 | .017518  | .0019893 |
| %RSD   | 2.334685 | .0939070 | 2.653197 | 16.10871 | .3573077 | .2840469 | 13.45302 |
| #1     | 6.562069 | 3.131971 | -.140131 | .0060670 | .7726525 | 6.168415 | .0145279 |
| #2     | 6.875812 | 3.132406 | -.147108 | .0050483 | .7742869 | 6.149029 | .0168931 |
| #3     | 6.725458 | 3.137272 | -.146378 | .0069921 | .7780524 | 6.183995 | .0129399 |

Sample Name: P5060-04DLX2      Acquired: 01/04/2025 0:08:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1898453 | .4326471 | .0563165 |
| Stddev | .0026396 | .0012578 | .0039278 |
| %RSD   | 1.390374 | .2907192 | 6.974468 |
| #1     | .1907232 | .4313585 | .0520777 |
| #2     | .1919340 | .4338716 | .0570386 |
| #3     | .1868787 | .4327112 | .0598331 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1850.039 | 19065.53 | 1910.269 | 1384.648 | 1713.675 |
| Stddev    | 4.189    | 82.76    | 8.017    | 2.203    | 2.105    |
| %RSD      | .2264298 | .4340616 | .4196859 | .1590999 | .1228244 |
| #1        | 1849.920 | 18985.66 | 1903.576 | 1382.147 | 1713.355 |
| #2        | 1854.286 | 19060.04 | 1919.154 | 1386.300 | 1715.921 |
| #3        | 1845.911 | 19150.90 | 1908.076 | 1385.498 | 1711.748 |

Sample Name: P5060-14DLX2      Acquired: 01/04/2025 0:12:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0536146 | .0081820 | .1402928 | .0135017 | .0184519 | 24.66936 | .2065173 |
| Stddev | .0026703 | .0082251 | .0076240 | .0062016 | .0038710 | .09760   | .0046530 |
| %RSD   | 4.980583 | 100.5270 | 5.434373 | 45.93162 | 20.97881 | .3956516 | 2.253084 |
| #1     | .0505336 | .0030008 | .1359829 | .0114724 | .0139850 | 24.58650 | .2026546 |
| #2     | .0552616 | .0176659 | .1490957 | .0204637 | .0205440 | 24.77695 | .2052143 |
| #3     | .0550485 | .0038791 | .1357999 | .0085690 | .0208266 | 24.64463 | .2116829 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030247 | .0018152 | 694.3101 | .0373411 | .0870226 | .1801739 | 105.8988 |
| Stddev | .0002076 | .0001652 | 1.3119   | .0003656 | .0001699 | .0146785 | .0811    |
| %RSD   | 6.864872 | 9.101686 | .1889531 | .9791842 | .1951865 | 8.146838 | .0765407 |
| #1     | .0031966 | .0019579 | 694.1976 | .0377630 | .0868267 | .1636404 | 105.8277 |
| #2     | .0027940 | .0018536 | 693.0580 | .0371458 | .0871123 | .1916720 | 105.9870 |
| #3     | .0030834 | .0016342 | 695.6746 | .0371147 | .0871287 | .1852091 | 105.8815 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.148480 | 92.58019 | .0747826 | -.006571 | 1.019501 | .0812804 | .2570938 |
| Stddev | .003805  | .25288   | .0002285 | .001572  | .005054  | .0167073 | .0012373 |
| %RSD   | .0738990 | .2731471 | .3054792 | 23.92201 | .4957770 | 20.55516 | .4812711 |
| #1     | 5.145071 | 92.74714 | .0750137 | -.008236 | 1.014872 | .0852494 | .2571907 |
| #2     | 5.152584 | 92.70419 | .0745569 | -.006365 | 1.024894 | .0629460 | .2558110 |
| #3     | 5.147786 | 92.28925 | .0747773 | -.005113 | 1.018738 | .0956458 | .2582799 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.612611 | 3.358428 | -.197049 | .0063419 | .6936797 | 5.784914 | .0175699 |
| Stddev | .214037  | .004798  | .001043  | .0004620 | .0065396 | .031665  | .0032313 |
| %RSD   | 3.813504 | .1428560 | .5293330 | 7.285439 | .9427465 | .5473769 | 18.39122 |
| #1     | 5.578446 | 3.358748 | -.198212 | .0061221 | .6980192 | 5.821477 | .0168826 |
| #2     | 5.417711 | 3.363057 | -.196197 | .0060308 | .6861580 | 5.766620 | .0210895 |
| #3     | 5.841675 | 3.353478 | -.196739 | .0068728 | .6968618 | 5.766644 | .0147375 |

Sample Name: P5060-14DLX2      Acquired: 01/04/2025 0:12:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.137788 | .6449028 | .0523650 |
| Stddev | .004915  | .0002003 | .0031819 |
| %RSD   | .4319919 | .0310653 | 6.076376 |
| #1     | 1.143289 | .6450973 | .0487522 |
| #2     | 1.133829 | .6449142 | .0547503 |
| #3     | 1.136244 | .6446971 | .0535926 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1877.390 | 19358.04 | 1925.819 | 1407.437 | 1743.242 |
| Stddev    | 5.501    | 44.49    | 9.287    | 3.023    | 5.551    |
| %RSD      | .2930092 | .2298284 | .4822184 | .2148160 | .3184502 |
| #1        | 1882.672 | 19389.89 | 1915.855 | 1405.676 | 1747.526 |
| #2        | 1877.803 | 19307.21 | 1927.368 | 1410.928 | 1745.229 |
| #3        | 1871.694 | 19377.02 | 1934.233 | 1405.707 | 1736.970 |

Sample Name: P5060-18DLX2      Acquired: 01/04/2025 0:16:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0202317 | .0194346 | .1226787 | -.012333 | .0087784 | 24.41952 |
| Stddev | .0060680 | .0048462 | .0029357 | .002512  | .0012099 | .09689   |
| %RSD   | 29.99255 | 24.93601 | 2.392955 | 20.36410 | 13.78219 | .3967906 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0259384 | .0153499 | .1246473 | -.013346 | .0075090 | 24.50443 |
| #2 | .0138576 | .0181646 | .1193046 | -.014180 | .0089080 | 24.44018 |
| #3 | .0208991 | .0247894 | .1240843 | -.009473 | .0099183 | 24.31397 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2156398 | .0020210 | .0010398 | 515.9825 | .0419562 | .0633743 |
| Stddev | .0019945 | .0000734 | .0001844 | 2.5357   | .0003970 | .0006157 |
| %RSD   | .9249013 | 3.630782 | 17.73290 | .4914317 | .9462207 | .9715897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2168163 | .0020782 | .0008277 | 517.0294 | .0418926 | .0638644 |
| #2 | .2133370 | .0019382 | .0011621 | 517.8271 | .0415948 | .0626832 |
| #3 | .2167661 | .0020465 | .0011297 | 513.0910 | .0423811 | .0635755 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0278560 | 63.25616 | 2.427359 | 173.7240 | .0454736 | -.003631 |
| Stddev | .0117409 | .09597   | .012011  | .5959    | .0018577 | .000410  |
| %RSD   | 42.14859 | .1517155 | .4948200 | .3430175 | 4.085210 | 11.29434 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0412651 | 63.31102 | 2.427885 | 173.8588 | .0476093 | -.003345 |
| #2 | .0194204 | 63.31212 | 2.439098 | 174.2410 | .0442317 | -.004100 |
| #3 | .0228826 | 63.14535 | 2.415094 | 173.0723 | .0445800 | -.003447 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9484520 | .0676480 | .2496010 | 3.484956 | F 11.56338 | -.116994 |
| Stddev | .0131651 | .0145331 | .0006612 | .130424  | .01427     | .006328  |
| %RSD   | 1.388061 | 21.48333 | .2649012 | 3.742476 | .1234269   | 5.408525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9568014 | .0777094 | .2497718 | 3.492295 | 11.57986 | -.122850 |
| #2 | .9332757 | .0509861 | .2488712 | 3.351018 | 11.55467 | -.117850 |
| #3 | .9552789 | .0742486 | .2501601 | 3.611555 | 11.55563 | -.110282 |

Sample Name: P5060-18DLX2      Acquired: 01/04/2025 0:16:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060333 | .8056127 | 6.208482 | .0135320 | .3434231 | .2890234 |
| Stddev | .0004295 | .0010746 | .073573  | .0008833 | .0080316 | .0006928 |
| %RSD   | 7.117919 | .1333922 | 1.185034 | 6.527096 | 2.338683 | .2396922 |
| #1     | .0056750 | .8046591 | 6.278825 | .0145233 | .3348512 | .2888844 |
| #2     | .0065093 | .8067771 | 6.214565 | .0132442 | .3507747 | .2897752 |
| #3     | .0059155 | .8054018 | 6.132058 | .0128286 | .3446434 | .2884107 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0486001 |
| Stddev | .0032783 |
| %RSD   | 6.745495 |
| #1     | .0471958 |
| #2     | .0523467 |
| #3     | .0462579 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1916.777 | 19754.60 | 1956.023 | 1432.138 | 1731.749 |
| Stddev    | 3.815    | 15.33    | 19.560   | 7.263    | 4.584    |
| %RSD      | .1990433 | .0776029 | .9999998 | .5071452 | .2646802 |
| #1        | 1919.494 | 19741.90 | 1938.146 | 1426.805 | 1735.713 |
| #2        | 1918.421 | 19771.63 | 1953.006 | 1440.410 | 1732.803 |
| #3        | 1912.415 | 19750.27 | 1976.916 | 1429.198 | 1726.730 |

Sample Name: P5060-19DLX2      Acquired: 01/04/2025 0:20:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0150363 | .0223756 | .0820439 | -.001005 | .0095662 | 21.32009 | .1924811 |
| Stddev | .0035317 | .0015149 | .0011616 | .005547  | .0022055 | .05497   | .0022946 |
| %RSD   | 23.48791 | 6.770406 | 1.415829 | 552.0749 | 23.05534 | .2578515 | 1.192109 |
| #1     | .0153324 | .0218708 | .0824706 | -.001553 | .0104449 | 21.25912 | .1899043 |
| #2     | .0113658 | .0240784 | .0807294 | -.006257 | .0111969 | 21.33526 | .1932359 |
| #3     | .0184106 | .0211775 | .0829319 | .004796  | .0070568 | 21.36588 | .1943033 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020676 | .0009685 | 502.4069 | .0378595 | .0642391 | .0312105 | 65.97617 |
| Stddev | .0001317 | .0000789 | 1.6008   | .0006406 | .0001904 | .0055328 | .10436   |
| %RSD   | 6.371890 | 8.142735 | .3186166 | 1.692148 | .2964325 | 17.72735 | .1581753 |
| #1     | .0020416 | .0009952 | 502.3064 | .0373892 | .0641012 | .0339754 | 66.07156 |
| #2     | .0019508 | .0010306 | 500.8588 | .0385891 | .0641596 | .0248403 | 65.86470 |
| #3     | .0022104 | .0008798 | 504.0556 | .0376001 | .0644564 | .0348159 | 65.99224 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.964061 | 85.26836 | .0523178 | -.003787 | .5750670 | .0687477 | .2152813 |
| Stddev | .024270  | .15316   | .0004695 | .001137  | .0282809 | .0107440 | .0012392 |
| %RSD   | .4889102 | .1796179 | .8973443 | 30.02295 | 4.917854 | 15.62816 | .5756142 |
| #1     | 4.961050 | 85.44377 | .0518038 | -.004436 | .5887592 | .0795190 | .2145918 |
| #2     | 4.941437 | 85.16117 | .0527240 | -.004452 | .5425459 | .0580312 | .2145402 |
| #3     | 4.989696 | 85.20013 | .0524254 | -.002474 | .5938959 | .0686929 | .2167119 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.476626 | 3.411577 | -.121460 | .0054656 | .4537824 | 5.925287 | .0103834 |
| Stddev | .132237  | .007737  | .002216  | .0008884 | .0032801 | .046803  | .0015175 |
| %RSD   | 2.953937 | .2267974 | 1.824658 | 16.25450 | .7228363 | .7898791 | 14.61444 |
| #1     | 4.440973 | 3.408229 | -.121801 | .0064518 | .4575580 | 5.950580 | .0097230 |
| #2     | 4.365871 | 3.406077 | -.119093 | .0052172 | .4516340 | 5.871280 | .0121192 |
| #3     | 4.623034 | 3.420425 | -.123486 | .0047278 | .4521552 | 5.954000 | .0093080 |

Sample Name: P5060-19DLX2      Acquired: 01/04/2025 0:20:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2601878 | .2740832 | .0396565 |
| Stddev | .0041860 | .0010368 | .0015370 |
| %RSD   | 1.608830 | .3782750 | 3.875787 |
| #1     | .2627502 | .2739292 | .0381360 |
| #2     | .2624559 | .2731320 | .0396242 |
| #3     | .2553572 | .2751884 | .0412095 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1883.512 | 19357.94 | 1918.032 | 1412.018 | 1780.919 |
| Stddev    | 1.996    | 72.38    | 8.606    | 3.339    | 2.499    |
| %RSD      | .1059539 | .3739200 | .4486690 | .2364684 | .1403136 |
| #1        | 1882.722 | 19384.57 | 1914.265 | 1414.984 | 1783.135 |
| #2        | 1882.032 | 19276.02 | 1927.879 | 1408.401 | 1781.412 |
| #3        | 1885.782 | 19413.24 | 1911.952 | 1412.667 | 1778.211 |



Sample Name: P5060-21DLX2      Acquired: 01/04/2025 0:24:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL58      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0362110 | .0156679 | .0911526 | .0041703 | .0148095 | 21.68862 | .2029160 |
| Stddev | .0043800 | .0008812 | .0015067 | .0008858 | .0027164 | .03709   | .0041815 |
| %RSD   | 12.09566 | 5.623954 | 1.652929 | 21.24016 | 18.34221 | .1710112 | 2.060703 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0396876 | .0163298 | .0903027 | .0043374 | .0120581 | 21.70470 | .1986250 |
| #2 | .0376536 | .0160063 | .0902629 | .0032128 | .0148810 | 21.64620 | .2031445 |
| #3 | .0312917 | .0146677 | .0928922 | .0049605 | .0174895 | 21.71495 | .2069786 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024750 | .0014530 | 526.1753 | .0358394 | .0661792 | .1059399 | 86.09136 |
| Stddev | .0001917 | .0000657 | 1.1544   | .0004990 | .0006909 | .0100663 | .14804   |
| %RSD   | 7.743868 | 4.523303 | .2193910 | 1.392383 | 1.043955 | 9.501902 | .1719543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022539 | .0015194 | 524.9911 | .0362591 | .0668534 | .1035340 | 85.93146 |
| #2 | .0025773 | .0013880 | 526.2376 | .0352877 | .0654728 | .1169911 | 86.11896 |
| #3 | .0025938 | .0014517 | 527.2973 | .0359715 | .0662115 | .0972945 | 86.22365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.210534 | 101.2943 | .0546486 | -.006565 | .8315056 | .0706515 | .2719319 |
| Stddev | .026805  | .2511    | .0005787 | .001318  | .0287997 | .0182199 | .0005302 |
| %RSD   | .6366193 | .2479292 | 1.058880 | 20.07802 | 3.463557 | 25.78839 | .1949818 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.189062 | 101.1212 | .0542939 | -.006450 | .7982731 | .0914843 | .2713996 |
| #2 | 4.201963 | 101.1792 | .0543355 | -.005309 | .8470645 | .0627766 | .2719362 |
| #3 | 4.240576 | 101.5823 | .0553163 | -.007938 | .8491793 | .0576936 | .2724600 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.996646 | 3.770003 | -.170487 | .0080117 | .5729008 | 5.905078 | .0133093 |
| Stddev | .208954  | .004006  | .002407  | .0007661 | .0065101 | .013273  | .0026027 |
| %RSD   | 10.46526 | .1062557 | 1.412109 | 9.562503 | 1.136342 | .2247751 | 19.55513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.045633 | 3.766763 | -.168138 | .0076134 | .5686809 | 5.917082 | .0147797 |
| #2 | 2.176754 | 3.768765 | -.172949 | .0075267 | .5803983 | 5.890823 | .0148440 |
| #3 | 1.767550 | 3.774482 | -.170375 | .0088949 | .5696233 | 5.907328 | .0103043 |

Sample Name: P5060-21DLX2      Acquired: 01/04/2025 0:24:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL58      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4109511 | .3893011 | .0426869 |
| Stddev | .0046992 | .0003983 | .0008339 |
| %RSD   | 1.143499 | .1023114 | 1.953437 |
| #1     | .4075451 | .3894553 | .0417352 |
| #2     | .4089959 | .3888488 | .0432891 |
| #3     | .4163122 | .3895993 | .0430364 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1876.279 | 19327.38 | 1910.480 | 1407.450 | 1765.103 |
| Stddev    | 7.680    | 91.74    | 3.212    | 5.751    | 7.070    |
| %RSD      | .4092997 | .4746773 | .1681299 | .4086275 | .4005641 |
| #1        | 1878.533 | 19429.31 | 1913.924 | 1413.819 | 1767.486 |
| #2        | 1882.579 | 19251.42 | 1909.950 | 1402.636 | 1770.673 |
| #3        | 1867.724 | 19301.40 | 1907.565 | 1405.895 | 1757.148 |

Sample Name: P5062-01DLX2      Acquired: 01/04/2025 0:28:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115211 | .0202438 | .0781946 | .0037555 | .0127648 | 29.61887 |
| Stddev | .0030050 | .0030620 | .0032775 | .0013755 | .0040434 | .11647   |
| %RSD   | 26.08241 | 15.12557 | 4.191421 | 36.62640 | 31.67667 | .3932357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0139497 | .0190865 | .0744702 | .0026429 | .0089515 | 29.73649 |
| #2 | .0124530 | .0179291 | .0806385 | .0052935 | .0123382 | 29.50358 |
| #3 | .0081605 | .0237157 | .0794752 | .0033303 | .0170046 | 29.61653 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6053001 | .0032330 | .0036778 | F 848.9345 | .0648141 | .0836553 |
| Stddev | .0019271 | .0001272 | .0000247 | 1.2304     | .0008482 | .0010765 |
| %RSD   | .3183741 | 3.933145 | .6730419 | .1449326   | 1.308626 | 1.286783 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6044845 | .0030865 | .0036988 | 850.1158 | .0651264 | .0825367 |
| #2 | .6075009 | .0032977 | .0036842 | 847.6603 | .0654620 | .0846840 |
| #3 | .6039148 | .0033148 | .0036505 | 849.0274 | .0638541 | .0837453 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0424567 | 89.01996 | 8.063135 | 24.96214 | .0972969 | -.006642 |
| Stddev | .0051874 | .08067   | .014962  | .16201   | .0009285 | .001064  |
| %RSD   | 12.21807 | .0906242 | .1855600 | .6490285 | .9542523 | 16.01835 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0476934 | 88.93302 | 8.078232 | 25.13369 | .0962832 | -.006664 |
| #2 | .0373201 | 89.03446 | 8.048312 | 24.81174 | .0981060 | -.005567 |
| #3 | .0423566 | 89.09240 | 8.062860 | 24.94098 | .0975015 | -.007694 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6026942 | .0711538 | .1649938 | 6.434201 | 2.660274 | -.136486 |
| Stddev | .0181578 | .0054208 | .0007652 | .292189  | .004427  | .002098  |
| %RSD   | 3.012775 | 7.618420 | .4638060 | 4.541184 | .1664120 | 1.536869 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5969766 | .0756216 | .1658553 | 6.754324 | 2.662477 | -.137642 |
| #2 | .6230226 | .0651233 | .1643931 | 6.181862 | 2.655177 | -.134065 |
| #3 | .5880834 | .0727165 | .1647329 | 6.366416 | 2.663167 | -.137752 |

Sample Name: P5062-01DLX2      Acquired: 01/04/2025 0:28:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030862 | .6613851 | 6.005634 | .0147857 | .5759371 | .3732180 |
| Stddev | .0002137 | .0021765 | .022224  | .0015521 | .0046150 | .0007351 |
| %RSD   | 6.923871 | .3290783 | .3700572 | 10.49725 | .8013092 | .1969480 |
| #1     | .0030768 | .6600012 | 5.986928 | .0144416 | .5722659 | .3737314 |
| #2     | .0033043 | .6602603 | 6.030201 | .0164810 | .5744275 | .3723760 |
| #3     | .0028773 | .6638938 | 5.999772 | .0134346 | .5811179 | .3735466 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0593359 |
| Stddev | .0017268 |
| %RSD   | 2.910243 |
| #1     | .0576729 |
| #2     | .0592147 |
| #3     | .0611202 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1901.175 | 19539.77 | 1954.721 | 1421.352 | 1767.148 |
| Stddev    | 1.977    | 47.00    | 7.551    | 7.542    | 2.146    |
| %RSD      | .1040139 | .2405526 | .3862745 | .5305870 | .1214453 |
| #1        | 1903.270 | 19578.57 | 1963.420 | 1417.533 | 1769.612 |
| #2        | 1899.340 | 19553.24 | 1950.886 | 1430.039 | 1765.690 |
| #3        | 1900.917 | 19487.50 | 1949.859 | 1416.484 | 1766.141 |

Sample Name: P5062-02DLX2      Acquired: 01/04/2025 0:31:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0150078 | .0232568 | .0732379 | .0031667 | .0144622 | 27.36624 |
| Stddev | .0028402 | .0049381 | .0015046 | .0036826 | .0049340 | .03918   |
| %RSD   | 18.92464 | 21.23280 | 2.054415 | 116.2913 | 34.11679 | .1431789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0156344 | .0178294 | .0749226 | .0065794 | .0183115 | 27.33973 |
| #2 | .0174823 | .0244566 | .0727633 | .0036571 | .0161752 | 27.34775 |
| #3 | .0119066 | .0274844 | .0720279 | -.000737 | .0089000 | 27.41125 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5784289 | .0026543 | .0032068 | F 841.4856 | .0578661 | .0829863 |
| Stddev | .0021942 | .0001811 | .0001209 | 2.0163     | .0001963 | .0013332 |
| %RSD   | .3793309 | 6.823967 | 3.768920 | .2396155   | .3392198 | 1.606571 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5765582 | .0025154 | .0031786 | 839.4035 | .0578250 | .0841116 |
| #2 | .5778845 | .0028592 | .0031025 | 843.4289 | .0576937 | .0815138 |
| #3 | .5808440 | .0025883 | .0033393 | 841.6243 | .0580797 | .0833335 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0573692 | 80.14199 | 8.079108 | 30.77403 | .0869123 | -.004879 |
| Stddev | .0108839 | .12130   | .016984  | .25149   | .0007216 | .000583  |
| %RSD   | 18.97172 | .1513504 | .2102198 | .8172308 | .8302979 | 11.94543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0697021 | 80.04612 | 8.098618 | 31.03490 | .0877429 | -.004740 |
| #2 | .0532966 | 80.10150 | 8.067631 | 30.53310 | .0865550 | -.005519 |
| #3 | .0491089 | 80.27835 | 8.071074 | 30.75408 | .0864391 | -.004379 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6434979 | .0534108 | .1477721 | 6.336511 | 2.540575 | -.120107 |
| Stddev | .0214923 | .0138060 | .0008740 | .219844  | .005039  | .004106  |
| %RSD   | 3.339917 | 25.84874 | .5914638 | 3.469483 | .1983496 | 3.418881 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6579312 | .0455081 | .1487814 | 6.565610 | 2.536313 | -.123711 |
| #2 | .6537649 | .0453719 | .1472705 | 6.127268 | 2.539275 | -.115637 |
| #3 | .6187976 | .0693525 | .1472646 | 6.316655 | 2.546137 | -.120973 |

Sample Name: P5062-02DLX2      Acquired: 01/04/2025 0:31:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034037 | .7160388 | 6.153545 | .0157411 | .6095152 | .4249256 |
| Stddev | .0003899 | .0074249 | .041557  | .0022519 | .0079303 | .0008037 |
| %RSD   | 11.45489 | 1.036942 | .6753402 | 14.30580 | 1.301079 | .1891335 |
| #1     | .0036866 | .7079016 | 6.189239 | .0148113 | .6031798 | .4241223 |
| #2     | .0029590 | .7224458 | 6.107923 | .0183091 | .6184089 | .4257297 |
| #3     | .0035656 | .7177690 | 6.163472 | .0141031 | .6069571 | .4249248 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0580277 |
| Stddev | .0061314 |
| %RSD   | 10.56635 |
| #1     | .0586181 |
| #2     | .0638425 |
| #3     | .0516224 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1865.015 | 19163.15 | 1922.006 | 1398.198 | 1748.117 |
| Stddev    | 2.841    | 23.69    | 13.100   | 3.692    | 3.307    |
| %RSD      | .1523577 | .1236373 | .6815706 | .2640877 | .1891573 |
| #1        | 1864.281 | 19190.42 | 1910.721 | 1400.865 | 1749.412 |
| #2        | 1868.151 | 19147.67 | 1936.372 | 1393.983 | 1750.581 |
| #3        | 1862.612 | 19151.35 | 1918.925 | 1399.745 | 1744.359 |

Sample Name: P5062-03DLX2      Acquired: 01/04/2025 0:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0335619 | .0233173 | .1339086 | -.008182 | .0106165 | 25.32289 | .3479277 |
| Stddev | .0063460 | .0040287 | .0024697 | .000608  | .0024119 | .06695   | .0008167 |
| %RSD   | 18.90825 | 17.27755 | 1.844347 | 7.433394 | 22.71801 | .2643806 | .2347293 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0266744 | .0227964 | .1315048 | -.008054 | .0101249 | 25.34533 | .3487367 |
| #2 | .0391720 | .0275811 | .1364394 | -.007648 | .0084883 | 25.24761 | .3479427 |
| #3 | .0348392 | .0195745 | .1337818 | -.008844 | .0132363 | 25.37574 | .3471036 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024391 | .0019557 | 749.1938 | .0550803 | .0785751 | .1447745 | 72.20353 |
| Stddev | .0000990 | .0000335 | 1.6837   | .0008513 | .0005912 | .0107200 | .28195   |
| %RSD   | 4.056942 | 1.712891 | .2247324 | 1.545549 | .7524184 | 7.404585 | .3904907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024471 | .0019887 | 750.8954 | .0542189 | .0791760 | .1571224 | 72.32536 |
| #2 | .0025339 | .0019566 | 749.1574 | .0551010 | .0779940 | .1393516 | 71.88115 |
| #3 | .0023364 | .0019217 | 747.5286 | .0559211 | .0785552 | .1378494 | 72.40407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.147247 | 94.78909 | .0715179 | -.003613 | .9024482 | .0672170 | .2426535 |
| Stddev | .012250  | .60491   | .0012195 | .002242  | .0277382 | .0143192 | .0026106 |
| %RSD   | .2379942 | .6381600 | 1.705193 | 62.06965 | 3.073665 | 21.30296 | 1.075870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.161258 | 95.36417 | .0727178 | -.005640 | .9147865 | .0639687 | .2397832 |
| #2 | 5.141926 | 94.15822 | .0715562 | -.003993 | .8706815 | .0828812 | .2432908 |
| #3 | 5.138557 | 94.84487 | .0702796 | -.001204 | .9218766 | .0548009 | .2448865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.735256 | 2.158965 | -.101154 | .0044014 | 1.026972 | 5.397348 | .0121160 |
| Stddev | .070553  | .003021  | .002386  | .0008170 | .010048  | .038538  | .0040139 |
| %RSD   | 1.230156 | .1399394 | 2.358421 | 18.56347 | .9784406 | .7140196 | 33.12841 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.776309 | 2.156154 | -.101450 | .0044730 | 1.034896 | 5.419945 | .0074813 |
| #2 | 5.653790 | 2.162160 | -.098635 | .0035508 | 1.030350 | 5.352850 | .0144552 |
| #3 | 5.775669 | 2.158580 | -.103379 | .0051802 | 1.015670 | 5.419250 | .0144116 |

Sample Name: P5062-03DLX2      Acquired: 01/04/2025 0:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3698514 | .5799375 | .0470204 |
| Stddev | .0045828 | .0012880 | .0039157 |
| %RSD   | 1.239093 | .2220991 | 8.327668 |
| #1     | .3750567 | .5810623 | .0498415 |
| #2     | .3680734 | .5785324 | .0486699 |
| #3     | .3664240 | .5802179 | .0425498 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1834.108 | 18890.67 | 1881.466 | 1372.602 | 1737.077 |
| Stddev    | .649     | 148.06   | 10.845   | 5.600    | 2.951    |
| %RSD      | .0353585 | .7837496 | .5764221 | .4079953 | .1699032 |
| #1        | 1834.392 | 18811.85 | 1869.899 | 1377.523 | 1736.737 |
| #2        | 1833.366 | 18798.70 | 1891.405 | 1366.508 | 1734.310 |
| #3        | 1834.565 | 19061.46 | 1883.094 | 1373.775 | 1740.184 |



Sample Name: P5062-10DLX2      Acquired: 01/04/2025 0:39:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL24      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0699108 | .0124205 | .7308237 | .0213477 | .0197720 | 38.22414 | .6512891 |
| Stddev | .0049864 | .0007512 | .0049397 | .0026600 | .0011895 | .10947   | .0034007 |
| %RSD   | 7.132465 | 6.048001 | .6759042 | 12.46022 | 6.016204 | .2863835 | .5221522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0701364 | .0129433 | .7293452 | .0183189 | .0188702 | 38.12356 | .6483696 |
| #2 | .0648155 | .0115597 | .7267921 | .0233037 | .0211201 | 38.20813 | .6504745 |
| #3 | .0747806 | .0127585 | .7363338 | .0224207 | .0193256 | 38.34073 | .6550231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036705 | .0036586 | 293.5731 | .0695489 | .0783179 | .1523360 | 94.51463 |
| Stddev | .0000414 | .0001301 | .3067    | .0005340 | .0004111 | .0108581 | .34927   |
| %RSD   | 1.126695 | 3.555823 | .1044629 | .7678292 | .5248789 | 7.127744 | .3695382 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036988 | .0037741 | 293.4987 | .0690301 | .0779565 | .1595117 | 94.21854 |
| #2 | .0036230 | .0036840 | 293.3105 | .0695198 | .0782322 | .1576520 | 94.42553 |
| #3 | .0036896 | .0035177 | 293.9101 | .0700969 | .0787651 | .1398441 | 94.89982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.699079 | 39.67945 | .0893489 | -.004159 | .5486505 | .0998941 | .6529911 |
| Stddev | .015553  | .07513   | .0002023 | .000612  | .0251113 | .0120846 | .0016197 |
| %RSD   | .2321600 | .1893308 | .2263906 | 14.70807 | 4.576927 | 12.09737 | .2480396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.681771 | 39.73242 | .0892326 | -.004600 | .5764086 | .0909466 | .6545087 |
| #2 | 6.703583 | 39.59347 | .0895825 | -.003460 | .5275124 | .1136411 | .6531790 |
| #3 | 6.711882 | 39.71244 | .0892316 | -.004416 | .5420306 | .0950946 | .6512857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.319193 | 4.484841 | -.172604 | .0095942 | 1.218067 | 6.686792 | .0585023 |
| Stddev | .014572  | .011744  | .002503  | .0006849 | .003630  | .011751  | .0017103 |
| %RSD   | .2739542 | .2618542 | 1.449955 | 7.138368 | .2979731 | .1757368 | 2.923521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.335954 | 4.478013 | -.173953 | .0097106 | 1.214229 | 6.697973 | .0575837 |
| #2 | 5.309530 | 4.478108 | -.169716 | .0102133 | 1.218529 | 6.674543 | .0604756 |
| #3 | 5.312094 | 4.498401 | -.174143 | .0088585 | 1.221443 | 6.687858 | .0574476 |

Sample Name: P5062-10DLX2      Acquired: 01/04/2025 0:39:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL24      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4545617 | .2321880 | .0614342 |
| Stddev | .0025810 | .0004316 | .0022133 |
| %RSD   | .5677921 | .1858908 | 3.602779 |
| #1     | .4575417 | .2319472 | .0605521 |
| #2     | .4530410 | .2326863 | .0597978 |
| #3     | .4531023 | .2319305 | .0639525 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1936.755 | 19866.35 | 1964.299 | 1449.704 | 1854.726 |
| Stddev    | 1.738    | 52.07    | 1.301    | .379     | 1.589    |
| %RSD      | .0897315 | .2621051 | .0662361 | .0261737 | .0856705 |
| #1        | 1935.859 | 19899.89 | 1964.394 | 1449.281 | 1853.413 |
| #2        | 1935.649 | 19806.37 | 1965.550 | 1449.815 | 1856.493 |
| #3        | 1938.758 | 19892.81 | 1962.953 | 1450.015 | 1854.273 |

Sample Name: P5062-13DLX2      Acquired: 01/04/2025 0:43:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0362699 | .0123424 | .1843795 | .0072983 | .0144962 | 33.91459 | .6832022 |
| Stddev | .0025833 | .0045978 | .0046000 | .0017970 | .0023799 | .20362   | .0055206 |
| %RSD   | 7.122382 | 37.25174 | 2.494872 | 24.62252 | 16.41731 | .6003979 | .8080474 |
| #1     | .0390628 | .0155530 | .1891961 | .0090300 | .0164641 | 34.13597 | .6827026 |
| #2     | .0339662 | .0143990 | .1839103 | .0054424 | .0151733 | 33.87248 | .6889557 |
| #3     | .0357808 | .0070754 | .1800320 | .0074224 | .0118511 | 33.73531 | .6779484 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032458 | .0024951 | 525.8706 | .0566394 | .0817831 | .1195708 | 90.96384 |
| Stddev | .0001140 | .0001460 | 1.2794   | .0012770 | .0002822 | .0101935 | .22194   |
| %RSD   | 3.513070 | 5.849957 | .2432847 | 2.254684 | .3450678 | 8.525116 | .2439920 |
| #1     | .0033675 | .0023268 | 525.7196 | .0577431 | .0814666 | .1211505 | 90.81597 |
| #2     | .0031414 | .0025871 | 527.2188 | .0552407 | .0820085 | .1288822 | 91.21905 |
| #3     | .0032284 | .0025715 | 524.6735 | .0569345 | .0818743 | .1086796 | 90.85650 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.266513 | 43.58702 | .0926284 | -.005922 | .6476370 | .0605708 | .2831502 |
| Stddev | .001533  | .21426   | .0005896 | .001314  | .0269960 | .0060800 | .0008185 |
| %RSD   | .0244602 | .4915732 | .6365090 | 22.18725 | 4.168379 | 10.03790 | .2890845 |
| #1     | 6.266502 | 43.65084 | .0919507 | -.004923 | .6499995 | .0603427 | .2825548 |
| #2     | 6.268052 | 43.76213 | .0929111 | -.005432 | .6195375 | .0546080 | .2828123 |
| #3     | 6.264986 | 43.34810 | .0930234 | -.007410 | .6733741 | .0667617 | .2840837 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.038248 | 3.280037 | -.148976 | .0066998 | .8578091 | 6.474423 | .0146353 |
| Stddev | .126137  | .002502  | .001522  | .0005443 | .0049709 | .063347  | .0013417 |
| %RSD   | 2.088972 | .0762897 | 1.021723 | 8.124271 | .5794907 | .9784134 | 9.167327 |
| #1     | 5.895193 | 3.281645 | -.150720 | .0061794 | .8629741 | 6.545640 | .0153729 |
| #2     | 6.133483 | 3.277154 | -.147914 | .0072652 | .8530581 | 6.424361 | .0130867 |
| #3     | 6.086069 | 3.281313 | -.148295 | .0066547 | .8573952 | 6.453268 | .0154463 |

Sample Name: P5062-13DLX2      Acquired: 01/04/2025 0:43:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3991456 | .3367446 | .0612565 |
| Stddev | .0017115 | .0011401 | .0042716 |
| %RSD   | .4288016 | .3385553 | 6.973329 |
| #1     | .3971743 | .3369609 | .0563262 |
| #2     | .4000099 | .3377611 | .0635955 |
| #3     | .4002527 | .3355119 | .0638478 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1901.411 | 19454.77 | 1931.294 | 1421.315 | 1793.392 |
| Stddev    | 1.558    | 10.66    | 17.666   | 2.174    | 3.882    |
| %RSD      | .0819326 | .0547925 | .9147089 | .1529271 | .2164516 |
| #1        | 1900.537 | 19464.42 | 1912.108 | 1423.738 | 1791.011 |
| #2        | 1903.210 | 19456.55 | 1946.888 | 1420.670 | 1797.871 |
| #3        | 1900.487 | 19443.33 | 1934.884 | 1419.538 | 1791.292 |

Sample Name: P5062-14DLX2      Acquired: 01/04/2025 0:47:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL68      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0327199 | .0207348 | .1954322 | .0000641 | .0134157 | 29.41834 | .3574786 |
| Stddev | .0054790 | .0028498 | .0037801 | .0069164 | .0017549 | .09429   | .0009067 |
| %RSD   | 16.74503 | 13.74403 | 1.934245 | 10789.10 | 13.08058 | .3205087 | .2536316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0274538 | .0175410 | .1981594 | .0058118 | .0119487 | 29.44109 | .3566149 |
| #2 | .0323165 | .0216453 | .1911171 | .0019923 | .0129387 | 29.49917 | .3584229 |
| #3 | .0383895 | .0230181 | .1970202 | -.007612 | .0153598 | 29.31476 | .3573979 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027427 | .0018583 | 508.3431 | .0500379 | .0711251 | .0814999 | 75.66543 |
| Stddev | .0000660 | .0001564 | .1822    | .0009773 | .0007088 | .0046674 | .10343   |
| %RSD   | 2.406463 | 8.416300 | .0358515 | 1.953181 | .9965020 | 5.726882 | .1366991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027146 | .0016779 | 508.3770 | .0494736 | .0711690 | .0777346 | 75.72218 |
| #2 | .0028182 | .0019418 | 508.1463 | .0511664 | .0703954 | .0867219 | 75.72807 |
| #3 | .0026955 | .0019554 | 508.5060 | .0494737 | .0718109 | .0800431 | 75.54604 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.652525 | 48.05198 | .0664420 | -.005184 | .6011738 | .0699378 | .2593428 |
| Stddev | .006932  | .11205   | .0004769 | .001450  | .0063394 | .0088964 | .0008407 |
| %RSD   | .1489844 | .2331762 | .7177190 | 27.96241 | 1.054511 | 12.72040 | .3241551 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.660132 | 47.93354 | .0665972 | -.003613 | .6083891 | .0610717 | .2583878 |
| #2 | 4.650874 | 48.06612 | .0659069 | -.006470 | .5986352 | .0788642 | .2596696 |
| #3 | 4.646567 | 48.15629 | .0668220 | -.005470 | .5964970 | .0698775 | .2599711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.906803 | 2.856579 | -.131854 | .0064629 | .8760171 | 6.417503 | .0174845 |
| Stddev | .217510  | .005683  | .004127  | .0003471 | .0061210 | .019271  | .0009278 |
| %RSD   | 4.432827 | .1989465 | 3.129662 | 5.370880 | .6987307 | .3002937 | 5.306254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.787312 | 2.859071 | -.135490 | .0067523 | .8794145 | 6.412570 | .0170850 |
| #2 | 4.775231 | 2.850075 | -.127369 | .0060781 | .8689509 | 6.438762 | .0168234 |
| #3 | 5.157865 | 2.860590 | -.132705 | .0065585 | .8796860 | 6.401179 | .0185451 |

Sample Name: P5062-14DLX2      Acquired: 01/04/2025 0:47:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL68      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4307039 | .4612171 | .0514159 |
| Stddev | .0042553 | .0010696 | .0025457 |
| %RSD   | .9879996 | .2318982 | 4.951183 |
| #1     | .4268531 | .4601087 | .0542420 |
| #2     | .4352725 | .4622430 | .0507033 |
| #3     | .4299861 | .4612997 | .0493025 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1859.201 | 19183.55 | 1888.410 | 1397.675 | 1785.570 |
| Stddev    | 4.376    | 106.17   | 1.174    | 5.277    | 4.425    |
| %RSD      | .2353966 | .5534422 | .0621854 | .3775568 | .2478451 |
| #1        | 1856.366 | 19163.32 | 1887.258 | 1394.035 | 1783.395 |
| #2        | 1864.241 | 19298.39 | 1889.605 | 1403.727 | 1790.662 |
| #3        | 1856.996 | 19088.96 | 1888.367 | 1395.264 | 1782.653 |

Sample Name: P5062-20DLX2      Acquired: 01/04/2025 0:51:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0913953 | -.012263 | .2068175 | .0793993 | .0283526 | 46.69344 | 1.516623 |
| Stddev | .0027077 | .006487  | .0017686 | .0057710 | .0023731 | .26197   | .005337  |
| %RSD   | 2.962648 | 52.89648 | .8551409 | 7.268259 | 8.369839 | .5610367 | .3518942 |
| #1     | .0944705 | -.009905 | .2048949 | .0733264 | .0259280 | 46.45881 | 1.510858 |
| #2     | .0893687 | -.019599 | .2083751 | .0848113 | .0306706 | 46.97609 | 1.521391 |
| #3     | .0903468 | -.007285 | .2071826 | .0800602 | .0284590 | 46.64541 | 1.517621 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032287 | .0068618 | 25.79383 | .1048564 | .0838560 | .1755110 | 141.2897 |
| Stddev | .0001204 | .0000994 | .06075   | .0003206 | .0006785 | .0052226 | .5914    |
| %RSD   | 3.728926 | 1.449193 | .2355227 | .3057466 | .8091086 | 2.975652 | .4185623 |
| #1     | .0033670 | .0067645 | 25.72688 | .1050788 | .0839282 | .1780412 | 141.0280 |
| #2     | .0031471 | .0069632 | 25.84544 | .1050015 | .0831443 | .1695053 | 141.9667 |
| #3     | .0031720 | .0068576 | 25.80917 | .1044889 | .0844955 | .1789867 | 140.8742 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.37726 | 22.69617 | .2277473 | -.007598 | .4785252 | .1299033 | .3878357 |
| Stddev | .13661   | .10535   | .0009733 | .000526  | .0283354 | .0128831 | .0049469 |
| %RSD   | .5383012 | .4641778 | .4273769 | 6.917929 | 5.921411 | 9.917490 | 1.275519 |
| #1     | 25.30346 | 22.80089 | .2288481 | -.007890 | .4951155 | .1210813 | .3932862 |
| #2     | 25.53489 | 22.69742 | .2270005 | -.007912 | .4458073 | .1446876 | .3865909 |
| #3     | 25.29342 | 22.59021 | .2273932 | -.006991 | .4946528 | .1239410 | .3836301 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.453997 | 3.974001 | -.286149 | .0055780 | .4774933 | 6.540802 | .1013766 |
| Stddev | .290799  | .010094  | .004130  | .0010716 | .0022143 | .048829  | .0026147 |
| %RSD   | 3.901246 | .2540056 | 1.443250 | 19.21167 | .4637252 | .7465295 | 2.579144 |
| #1     | 7.147225 | 3.974491 | -.289885 | .0044182 | .4756471 | 6.561423 | .0983574 |
| #2     | 7.489137 | 3.963671 | -.286847 | .0057844 | .4768846 | 6.575938 | .1028795 |
| #3     | 7.725629 | 3.983841 | -.281715 | .0065315 | .4799483 | 6.485046 | .1028928 |

Sample Name: P5062-20DLX2      Acquired: 01/04/2025 0:51:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9411420 | -.048407 | .0677356 |
| Stddev | .0113894 | .000427  | .0021336 |
| %RSD   | 1.210168 | .8824433 | 3.149867 |
| #1     | .9281734 | -.048279 | .0698036 |
| #2     | .9495184 | -.048883 | .0655420 |
| #3     | .9457341 | -.048058 | .0678612 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2111.836 | 21558.24 | 2084.683 | 1588.679 | 1962.138 |
| Stddev    | 6.850    | 65.72    | 6.150    | 6.507    | 3.695    |
| %RSD      | .3243785 | .3048638 | .2950271 | .4095652 | .1883337 |
| #1        | 2116.228 | 21623.08 | 2086.431 | 1590.152 | 1965.454 |
| #2        | 2115.338 | 21559.96 | 2077.848 | 1594.323 | 1962.805 |
| #3        | 2103.943 | 21491.67 | 2089.771 | 1581.562 | 1958.154 |



Sample Name: P5062-11DLX2      Acquired: 01/04/2025 0:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL25      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0352921 | .0146263 | .2527614 | -.001731 | .0141638 | 28.63753 | .4289266 |
| Stddev | .0029582 | .0009901 | .0052557 | .002452  | .0038254 | .19221   | .0020677 |
| %RSD   | 8.381999 | 6.769356 | 2.079308 | 141.6946 | 27.00837 | .6711794 | .4820654 |
| #1     | .0318887 | .0138940 | .2482875 | -.003369 | .0180340 | 28.50563 | .4304937 |
| #2     | .0372455 | .0142321 | .2585495 | -.002913 | .0140727 | 28.54890 | .4265831 |
| #3     | .0367422 | .0157528 | .2514473 | .001089  | .0103848 | 28.85807 | .4297030 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024608 | .0019150 | 441.1786 | .0498327 | .0727193 | .0901898 | 75.00632 |
| Stddev | .0000445 | .0001458 | 1.9488   | .0006673 | .0004139 | .0062689 | .21706   |
| %RSD   | 1.809886 | 7.614465 | .4417286 | 1.339155 | .5691648 | 6.950842 | .2893878 |
| #1     | .0024126 | .0018346 | 439.8190 | .0495409 | .0729630 | .0974275 | 75.01521 |
| #2     | .0024695 | .0020833 | 440.3055 | .0505962 | .0722414 | .0864638 | 74.78495 |
| #3     | .0025004 | .0018271 | 443.4113 | .0493609 | .0729535 | .0866782 | 75.21880 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.505566 | 63.92321 | .0679930 | -.005045 | .5548373 | .0563649 | .2730597 |
| Stddev | .020082  | .34298   | .0008182 | .001442  | .0051372 | .0096811 | .0021607 |
| %RSD   | .3647555 | .5365507 | 1.203387 | 28.58911 | .9258917 | 17.17569 | .7912861 |
| #1     | 5.488469 | 63.63203 | .0680982 | -.003736 | .5589591 | .0452123 | .2743946 |
| #2     | 5.500549 | 63.83632 | .0687535 | -.004806 | .5564708 | .0612802 | .2742178 |
| #3     | 5.527681 | 64.30128 | .0671273 | -.006591 | .5490820 | .0626023 | .2705669 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.695113 | 2.805272 | -.126301 | .0078716 | .8041329 | 6.540496 | .0183354 |
| Stddev | .164141  | .007930  | .000454  | .0009645 | .0011579 | .056040  | .0022848 |
| %RSD   | 3.495999 | .2826854 | .3597535 | 12.25337 | .1439959 | .8568190 | 12.46137 |
| #1     | 4.510067 | 2.808869 | -.125849 | .0067681 | .8027971 | 6.525402 | .0172427 |
| #2     | 4.823144 | 2.810766 | -.126758 | .0082922 | .8048517 | 6.493549 | .0168021 |
| #3     | 4.752127 | 2.796181 | -.126297 | .0085543 | .8047498 | 6.602538 | .0209614 |

Sample Name: P5062-11DLX2      Acquired: 01/04/2025 0:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHL25      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3838081 | .2862307 | .0458966 |
| Stddev | .0031457 | .0013154 | .0016776 |
| %RSD   | .8196092 | .4595570 | 3.655260 |
| #1     | .3808978 | .2852167 | .0451634 |
| #2     | .3833811 | .2857583 | .0478160 |
| #3     | .3871456 | .2877171 | .0447104 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1879.419 | 19205.14 | 1902.142 | 1399.298 | 1805.575 |
| Stddev    | 5.919    | 94.48    | 16.612   | 5.667    | 4.503    |
| %RSD      | .3149115 | .4919632 | .8733228 | .4049712 | .2493835 |
| #1        | 1885.399 | 19290.59 | 1910.414 | 1402.249 | 1810.406 |
| #2        | 1873.564 | 19103.67 | 1912.993 | 1392.765 | 1801.495 |
| #3        | 1879.296 | 19221.17 | 1883.018 | 1402.880 | 1804.824 |

Sample Name: P5081-02DLX2      Acquired: 01/04/2025 0:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0297707 | .0262555 | .4679859 | -.015749 | .0027892 | 16.23870 | .3953423 |
| Stddev | .0032200 | .0009564 | .0009628 | .013106  | .0036659 | .17292   | .0031943 |
| %RSD   | 10.81617 | 3.642588 | .2057255 | 83.21780 | 131.4305 | 1.064888 | .8079899 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0309248 | .0252555 | .4688611 | -.012037 | .0058586 | 16.43740 | .3990182 |
| #2 | .0261326 | .0271613 | .4669546 | -.004899 | -.001270 | 16.12230 | .3932406 |
| #3 | .0322546 | .0263497 | .4681420 | -.030310 | .003779  | 16.15640 | .3937680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017248 | .0040212 | 620.0321 | .0688524 | .0626235 | .1227607 | 57.13160 |
| Stddev | .0000557 | .0002454 | 1.6713   | .0003054 | .0006281 | .0082641 | .41475   |
| %RSD   | 3.230706 | 6.102989 | .2695554 | .4434900 | 1.003021 | 6.731891 | .7259633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016605 | .0041186 | 621.9598 | .0689903 | .0619412 | .1143439 | 57.55747 |
| #2 | .0017591 | .0037420 | 619.1478 | .0685024 | .0627516 | .1308631 | 56.72894 |
| #3 | .0017547 | .0042028 | 618.9887 | .0690645 | .0631778 | .1230751 | 57.10838 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.639496 | 272.9196 | .0576988 | -.003238 | .8318253 | .0422031 | .6083159 |
| Stddev | .022200  | 2.1077   | .0015259 | .001457  | .0137139 | .0065009 | .0020237 |
| %RSD   | .6099750 | .7722894 | 2.644633 | 45.00928 | 1.648648 | 15.40383 | .3326655 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.664086 | 275.3224 | .0591171 | -.003364 | .8277449 | .0449863 | .6064179 |
| #2 | 3.620928 | 272.0535 | .0578949 | -.001722 | .8471163 | .0347740 | .6104454 |
| #3 | 3.633475 | 271.3829 | .0560842 | -.004628 | .8206148 | .0468491 | .6080845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.637016 | 3.937057 | -.081332 | .0086681 | 9.275088 | 4.166080 | .0442049 |
| Stddev | .138290  | .002204  | .001759  | .0007956 | .023335  | .046977  | .0010048 |
| %RSD   | 3.802294 | .0559927 | 2.163183 | 9.178565 | .2515886 | 1.127595 | 2.273084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.683958 | 3.939571 | -.082588 | .0078793 | 9.300904 | 4.197825 | .0447325 |
| #2 | 3.481365 | 3.935455 | -.082087 | .0086546 | 9.255495 | 4.188298 | .0430462 |
| #3 | 3.745725 | 3.936146 | -.079321 | .0094703 | 9.268864 | 4.112115 | .0448361 |

Sample Name: P5081-02DLX2      Acquired: 01/04/2025 0:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2178657 | .2801627 | .0333056 |
| Stddev | .0015664 | .0020908 | .0049232 |
| %RSD   | .7189708 | .7462783 | 14.78182 |
| #1     | .2168850 | .2825701 | .0288863 |
| #2     | .2170400 | .2788018 | .0324183 |
| #3     | .2196722 | .2791162 | .0386120 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1742.690 | 18070.38 | 1783.021 | 1303.575 | 1684.755 |
| Stddev    | 2.763    | 92.48    | 11.707   | 5.762    | 2.108    |
| %RSD      | .1585300 | .5117950 | .6565582 | .4420402 | .1251336 |
| #1        | 1745.711 | 18127.99 | 1773.809 | 1309.325 | 1684.564 |
| #2        | 1742.068 | 18119.44 | 1779.060 | 1303.600 | 1682.748 |
| #3        | 1740.291 | 17963.70 | 1796.195 | 1297.800 | 1686.952 |

Sample Name: CCV108      Acquired: 01/04/2025 1:02:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV108      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.966557 | 4.886065 | 24.81913 | 4.887491 | 4.914105 | 405.2682 |
| Stddev | .006942  | .008555  | .05348   | .008044  | .004252  | 1.5795   |
| %RSD   | .1397753 | .1750997 | .2154615 | .1645769 | .0865265 | .3897317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.962171 | 4.878834 | 24.77296 | 4.895896 | 4.909878 | 403.4617 |
| #2 | 4.962939 | 4.883851 | 24.80669 | 4.879865 | 4.918381 | 405.9542 |
| #3 | 4.974560 | 4.895510 | 24.87772 | 4.886712 | 4.914058 | 406.3886 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.12288 | .5153567 | 2.494779 | 406.1696 | 15.54464 | 2.526235 |
| Stddev | .00456   | .0025924 | .003902  | .6646    | .02728   | .006135  |
| %RSD   | .0450848 | .5030331 | .1563930 | .1636279 | .1754787 | .2428613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.11933 | .5127294 | 2.490550 | 405.4720 | 15.51342 | 2.521219 |
| #2 | 10.12803 | .5154279 | 2.495547 | 406.2414 | 15.55668 | 2.524411 |
| #3 | 10.12128 | .5179127 | 2.498239 | 406.7954 | 15.56383 | 2.533076 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.31178 | 410.3266 | 15.23492 | 410.1007 | 2.515909 | 1.247391 |
| Stddev | .02375   | 1.9315   | .07286   | 2.5462   | .001131  | .005254  |
| %RSD   | .1551220 | .4707267 | .4782288 | .6208603 | .0449573 | .4211657 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.28468 | 408.1007 | 15.15127 | 407.2758 | 2.514963 | 1.241325 |
| #2 | 15.32897 | 411.3173 | 15.28450 | 412.2187 | 2.515601 | 1.250374 |
| #3 | 15.32170 | 411.5617 | 15.26899 | 410.8076 | 2.517162 | 1.250474 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 422.3110 | 2.545488 | 14.84106 | 151.9199 | 5.017750 | F 4.490792 |
| Stddev | 2.9363   | .018546  | .05937   | .5004    | .014288  | .035514    |
| %RSD   | .6953013 | .7285654 | .4000275 | .3293870 | .2847392 | .7908070   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 421.4208 | 2.526392 | 14.82321 | 151.4963 | 5.002712 | 4.456384 |
| #2 | 419.9227 | 2.563429 | 14.79266 | 151.7912 | 5.019394 | 4.488676 |
| #3 | 425.5894 | 2.546644 | 14.90730 | 152.4720 | 5.031145 | 4.527316 |

Sample Name: CCV108      Acquired: 01/04/2025 1:02:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV108      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.900574 | 4.979379 | 5.041382 | 5.033304 | 5.057074 | 4.820528 |
| Stddev | .007827  | .012776  | .032013  | .006408  | .020870  | .016416  |
| %RSD   | .1597058 | .2565829 | .6349995 | .1273029 | .4126874 | .3405369 |
| #1     | 4.902102 | 4.965634 | 5.016763 | 5.026040 | 5.038187 | 4.801575 |
| #2     | 4.892096 | 4.981610 | 5.029812 | 5.035716 | 5.079479 | 4.829787 |
| #3     | 4.907524 | 4.990893 | 5.077572 | 5.038154 | 5.053556 | 4.830223 |

| Elem   | Li6707   |
|--------|----------|
| Units  | ppm      |
| Avg    | 4.832068 |
| Stddev | .007762  |
| %RSD   | .1606433 |
| #1     | 4.823121 |
| #2     | 4.837002 |
| #3     | 4.836082 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1520.093 | 16473.09 | 1680.863 | 1122.725 | 1631.015 |
| Stddev    | 2.107    | 71.23    | 4.433    | 5.965    | 1.032    |
| %RSD      | .1386106 | .4324137 | .2637204 | .5312964 | .0632440 |
| #1        | 1518.339 | 16391.44 | 1679.328 | 1116.604 | 1631.710 |
| #2        | 1519.511 | 16505.24 | 1685.860 | 1128.520 | 1629.830 |
| #3        | 1522.431 | 16522.57 | 1677.402 | 1123.053 | 1631.505 |

Sample Name: CCB108      Acquired: 01/04/2025 1:06:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB108      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001607 | .0001698 | .0012074 | .0058089 | -.002512 | .0154154 | -.003090 |
| Stddev | .002379  | .0036717 | .0030525 | .0031650 | .001597  | .0134732 | .001758  |
| %RSD   | 148.0478 | 2162.600 | 252.8180 | 54.48441 | 63.57898 | 87.40086 | 56.87856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000655 | .0038824 | .0005945 | .0072255 | -.002788 | .0303163 | -.001764 |
| #2 | .000149  | -.003460 | .0045198 | .0021831 | -.003953 | .0118375 | -.005084 |
| #3 | -.004315 | .000087  | -.001492 | .0080181 | -.000795 | .0040922 | -.002422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000096 | .0000360 | .0004290 | -.000243 | -.000182 | -.001725 | .0210711 |
| Stddev | .000189  | .0000675 | .0283952 | .000140  | .000236  | .005470  | .0343189 |
| %RSD   | 197.5667 | 187.5634 | 6618.521 | 57.66563 | 129.9915 | 317.0928 | 162.8720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000299 | .0000380 | -.032032 | -.000306 | -.000327 | -.003230 | .0498530 |
| #2 | .000075  | -.000032 | .012660  | -.000082 | .000091  | .004340  | .0302699 |
| #3 | -.000063 | .000103  | .020660  | -.000341 | -.000310 | -.006284 | -.016910 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034110 | -.178617 | -.000368 | .0008359 | .1945921 | -.001814 | .0001618 |
| Stddev | .0016488 | .036737  | .000153  | .0011199 | .0184551 | .003079  | .0003645 |
| %RSD   | 48.33789 | 20.56725 | 41.69706 | 133.9792 | 9.483972 | 169.7779 | 225.2794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015072 | -.138171 | -.000217 | .0021161 | .2123942 | .001715  | .0004040 |
| #2 | .0043569 | -.209917 | -.000524 | .0003539 | .1755469 | -.003199 | -.000257 |
| #3 | .0043691 | -.187763 | -.000363 | .0000376 | .1958351 | -.003957 | .000339  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3752780 | -.000516 | .0059449 | .0003351 | -.014323 | -.002175 | -.000165 |
| Stddev | .1853663 | .001802  | .0003746 | .0003391 | .002326  | .001102  | .001481  |
| %RSD   | 49.39439 | 349.5835 | 6.301071 | 101.1844 | 16.24276 | 50.64915 | 899.8311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5559471 | .001015  | .0055250 | .0006244 | -.012224 | -.002760 | .000274  |
| #2 | .1855469 | -.002502 | .0062448 | .0004189 | -.013920 | -.002861 | -.001815 |
| #3 | .3843400 | -.000060 | .0060648 | -.000038 | -.016825 | -.000904 | .001048  |

Sample Name: CCB108      Acquired: 01/04/2025 1:06:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB108      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005300 | -.000494 | .0006433 |
| Stddev | .003755  | .000298  | .0044720 |
| %RSD   | 70.84138 | 60.28158 | 695.1811 |
| #1     | -.008158 | -.000156 | -.003707 |
| #2     | -.006695 | -.000716 | .000409  |
| #3     | -.001048 | -.000609 | .005228  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1843.726 | 18812.21 | 1814.531 | 1388.105 | 2043.794 |
| Stddev    | 4.280    | 46.29    | 10.259   | 4.983    | 2.515    |
| %RSD      | .2321545 | .2460871 | .5653541 | .3589529 | .1230623 |
| #1        | 1848.410 | 18865.08 | 1820.028 | 1393.668 | 2045.940 |
| #2        | 1842.751 | 18778.95 | 1820.870 | 1386.595 | 2044.414 |
| #3        | 1840.018 | 18792.59 | 1802.696 | 1384.052 | 2041.026 |



Sample Name: P5081-03DLX2      Acquired: 01/04/2025 1:10:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0480144 | .0063315 | .7804641 | .0167573 | .0209274 | 25.73533 | .4608135 |
| Stddev | .0061300 | .0039344 | .0017633 | .0112629 | .0067337 | .09038   | .0029408 |
| %RSD   | 12.76704 | 62.14088 | .2259246 | 67.21147 | 32.17657 | .3511867 | .6381711 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0545441 | .0077671 | .7804371 | .0039423 | .0254215 | 25.81895 | .4607162 |
| #2 | .0471159 | .0018808 | .7787145 | .0250840 | .0131853 | 25.74761 | .4579225 |
| #3 | .0423833 | .0093464 | .7822407 | .0212457 | .0241755 | 25.63945 | .4638016 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032227 | .0045313 | 501.3839 | .0964429 | .0697192 | .1324430 | 108.1012 |
| Stddev | .0002352 | .0001106 | .8621    | .0004699 | .0004346 | .0035056 | .0102    |
| %RSD   | 7.297246 | 2.440211 | .1719482 | .4872742 | .6233129 | 2.646887 | .0094437 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034930 | .0044960 | 500.3952 | .0961088 | .0700347 | .1361198 | 108.0969 |
| #2 | .0031106 | .0044427 | 501.9788 | .0969803 | .0692235 | .1320709 | 108.0938 |
| #3 | .0030646 | .0046552 | 501.7777 | .0962397 | .0698993 | .1291382 | 108.1128 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.804740 | 180.7738 | .0739453 | -.008294 | .8733232 | .0687773 | .7739936 |
| Stddev | .006337  | .6590    | .0011273 | .000996  | .0117530 | .0095672 | .0014150 |
| %RSD   | .1665518 | .3645379 | 1.524495 | 12.01395 | 1.345782 | 13.91041 | .1828114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.806281 | 181.1390 | .0749645 | -.009198 | .8845589 | .0610878 | .7748783 |
| #2 | 3.810165 | 181.1693 | .0727345 | -.008456 | .8742972 | .0794912 | .7747407 |
| #3 | 3.797775 | 180.0130 | .0741370 | -.007226 | .8611135 | .0657529 | .7723617 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.625220 | 6.085143 | -.182268 | .0101699 | 5.556968 | 4.985026 | .0347024 |
| Stddev | .203184  | .007415  | .001479  | .0001050 | .010685  | .043906  | .0024603 |
| %RSD   | 4.392960 | .1218602 | .8115095 | 1.032635 | .1922770 | .8807557 | 7.089720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.437814 | 6.090882 | -.181066 | .0102118 | 5.562911 | 5.035237 | .0373195 |
| #2 | 4.841164 | 6.087776 | -.181819 | .0102475 | 5.544633 | 4.965995 | .0324368 |
| #3 | 4.596680 | 6.076770 | -.183920 | .0100504 | 5.563360 | 4.953847 | .0343508 |

Sample Name: P5081-03DLX2      Acquired: 01/04/2025 1:10:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3108315 | .2188664 | .0536566 |
| Stddev | .0041300 | .0005184 | .0032775 |
| %RSD   | 1.328688 | .2368608 | 6.108313 |
| #1     | .3150589 | .2192814 | .0500629 |
| #2     | .3068064 | .2190325 | .0564812 |
| #3     | .3106290 | .2182853 | .0544255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1821.052 | 18708.24 | 1851.124 | 1359.674 | 1743.724 |
| Stddev    | 5.374    | 79.47    | 9.908    | 6.878    | 2.863    |
| %RSD      | .2951067 | .4247907 | .5352205 | .5058695 | .1642151 |
| #1        | 1826.070 | 18766.14 | 1839.778 | 1367.616 | 1746.215 |
| #2        | 1821.704 | 18740.95 | 1858.066 | 1355.725 | 1744.361 |
| #3        | 1815.381 | 18617.64 | 1855.528 | 1355.681 | 1740.595 |

Sample Name: P5091-01DLX2      Acquired: 01/04/2025 1:14:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0374131 | .0201342 | .1713232 | .0031271 | .0136379 | 31.26277 | .4115830 |
| Stddev | .0058309 | .0013531 | .0020194 | .0005967 | .0048200 | .13418   | .0014139 |
| %RSD   | 15.58528 | 6.720483 | 1.178720 | 19.08224 | 35.34251 | .4292024 | .3435254 |
| #1     | .0307076 | .0188699 | .1723058 | .0033331 | .0192031 | 31.22874 | .4110944 |
| #2     | .0402390 | .0215614 | .1690005 | .0035935 | .0109162 | 31.14888 | .4104781 |
| #3     | .0412926 | .0199712 | .1726632 | .0024546 | .0107944 | 31.41069 | .4131763 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030980 | .0024304 | 644.9966 | .0395694 | .0767555 | .1086619 | 80.76068 |
| Stddev | .0000401 | .0000332 | 1.7904   | .0001780 | .0001377 | .0087379 | .20363   |
| %RSD   | 1.293368 | 1.364584 | .2775828 | .4498986 | .1793397 | 8.041334 | .2521406 |
| #1     | .0030724 | .0023995 | 645.1580 | .0394748 | .0768535 | .0998041 | 80.54473 |
| #2     | .0030774 | .0024264 | 643.1309 | .0394586 | .0765982 | .1089070 | 80.94921 |
| #3     | .0031442 | .0024654 | 646.7008 | .0397747 | .0768150 | .1172747 | 80.78812 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.238456 | 99.83689 | .0685477 | -.006058 | 1.477355 | .0879205 | .3074485 |
| Stddev | .014350  | .59905   | .0011800 | .001121  | .011711  | .0082556 | .0035732 |
| %RSD   | .3385622 | .6000291 | 1.721399 | 18.50220 | .7927297 | 9.389792 | 1.162222 |
| #1     | 4.252206 | 100.0010 | .0691459 | -.005085 | 1.490747 | .0832395 | .3044239 |
| #2     | 4.223573 | 99.1729  | .0671884 | -.005806 | 1.472286 | .0974527 | .3065303 |
| #3     | 4.239590 | 100.3368 | .0693088 | -.007284 | 1.469032 | .0830694 | .3113912 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.557433 | 5.860072 | -.127128 | .0061975 | 1.228692 | 5.067136 | .0172797 |
| Stddev | .272793  | .001685  | .004099  | .0003544 | .004719  | .037867  | .0000240 |
| %RSD   | 5.985675 | .0287544 | 3.224050 | 5.718903 | .3840848 | .7473142 | .1391332 |
| #1     | 4.587784 | 5.861774 | -.128292 | .0065106 | 1.223247 | 5.077257 | .0172967 |
| #2     | 4.270734 | 5.858404 | -.122573 | .0062693 | 1.231214 | 5.025236 | .0172903 |
| #3     | 4.813782 | 5.860039 | -.130518 | .0058127 | 1.231614 | 5.098915 | .0172522 |

Sample Name: P5091-01DLX2      Acquired: 01/04/2025 1:14:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8355416 | .8266032 | .0856375 |
| Stddev | .0108125 | .0009563 | .0020436 |
| %RSD   | 1.294076 | .1156944 | 2.386373 |
| #1     | .8253157 | .8265434 | .0852515 |
| #2     | .8344510 | .8256781 | .0878466 |
| #3     | .8468581 | .8275880 | .0838144 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1876.133 | 19195.90 | 1903.154 | 1403.294 | 1730.736 |
| Stddev    | 2.684    | 71.36    | 13.639   | 2.916    | 1.082    |
| %RSD      | .1430518 | .3717564 | .7166405 | .2077662 | .0625199 |
| #1        | 1875.960 | 19115.23 | 1892.775 | 1402.228 | 1731.125 |
| #2        | 1878.900 | 19221.67 | 1918.601 | 1406.593 | 1731.569 |
| #3        | 1873.540 | 19250.80 | 1898.085 | 1401.061 | 1729.513 |

Sample Name: P5091-02DLX2      Acquired: 01/04/2025 1:18:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0281555 | .0163773 | .1530502 | -.002654 | .0132936 | 31.45635 | .3877253 |
| Stddev | .0012027 | .0038397 | .0016635 | .001700  | .0011365 | .08807   | .0011111 |
| %RSD   | 4.271517 | 23.44532 | 1.086870 | 64.05572 | 8.548957 | .2799603 | .2865733 |
| #1     | .0272004 | .0205309 | .1549593 | -.001439 | .0119969 | 31.53098 | .3868378 |
| #2     | .0295061 | .0129574 | .1519127 | -.001926 | .0141167 | 31.35922 | .3889715 |
| #3     | .0277600 | .0156435 | .1522786 | -.004597 | .0137672 | 31.47885 | .3873667 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028334 | .0020994 | 664.6351 | .0457169 | .0846626 | .1234018 | 74.81532 |
| Stddev | .0001016 | .0001243 | 1.6806   | .0006088 | .0005124 | .0140571 | .06178   |
| %RSD   | 3.584955 | 5.918300 | .2528536 | 1.331571 | .6052156 | 11.39134 | .0825770 |
| #1     | .0029246 | .0019566 | 663.4190 | .0463988 | .0841080 | .1391196 | 74.78582 |
| #2     | .0028518 | .0021590 | 663.9335 | .0452283 | .0847613 | .1190521 | 74.88632 |
| #3     | .0027240 | .0021826 | 666.5528 | .0455236 | .0851184 | .1120336 | 74.77383 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.038814 | 81.37452 | .0831227 | -.006381 | .9203665 | .0600792 | .2543040 |
| Stddev | .010859  | .26079   | .0003533 | .001403  | .0140227 | .0130192 | .0021351 |
| %RSD   | .2155132 | .3204868 | .4250312 | 21.99088 | 1.523604 | 21.67005 | .8395802 |
| #1     | 5.026902 | 81.27204 | .0829209 | -.004840 | .9043624 | .0750484 | .2519520 |
| #2     | 5.041379 | 81.18052 | .0835307 | -.007585 | .9304990 | .0513937 | .2561201 |
| #3     | 5.048161 | 81.67098 | .0829166 | -.006718 | .9262380 | .0537955 | .2548398 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.696689 | 2.833762 | -.097436 | .0059348 | .9966326 | 4.597209 | .0111260 |
| Stddev | .183420  | .008472  | .003676  | .0003258 | .0025424 | .006021  | .0032344 |
| %RSD   | 2.383103 | .2989831 | 3.773189 | 5.489534 | .2550941 | .1309802 | 29.07077 |
| #1     | 7.904790 | 2.840860 | -.093536 | .0060437 | .9937106 | 4.599137 | .0116329 |
| #2     | 7.626744 | 2.824382 | -.100838 | .0061922 | .9983386 | 4.602031 | .0140770 |
| #3     | 7.558532 | 2.836043 | -.097936 | .0055685 | .9978485 | 4.590460 | .0076680 |

Sample Name: P5091-02DLX2      Acquired: 01/04/2025 1:18:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7147460 | .5648026 | .0711535 |
| Stddev | .0008882 | .0009397 | .0045509 |
| %RSD   | .1242711 | .1663772 | 6.395911 |
| #1     | .7148337 | .5648146 | .0671739 |
| #2     | .7155871 | .5638570 | .0701712 |
| #3     | .7138172 | .5657363 | .0761154 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1853.986 | 18976.26 | 1899.306 | 1381.866 | 1728.844 |
| Stddev    | 5.262    | 47.56    | .331     | 9.053    | 4.145    |
| %RSD      | .2838092 | .2506412 | .0174080 | .6551556 | .2397700 |
| #1        | 1847.947 | 18924.64 | 1899.062 | 1391.787 | 1724.278 |
| #2        | 1857.582 | 18985.85 | 1899.682 | 1379.759 | 1732.371 |
| #3        | 1856.429 | 19018.30 | 1899.174 | 1374.051 | 1729.883 |

Sample Name: P5091-03DLX2      Acquired: 01/04/2025 1:21:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0247785 | .0175404 | .1312081 | -.006984 | .0079275 | 27.02203 | .3150609 |
| Stddev | .0035957 | .0046420 | .0016622 | .003057  | .0022132 | .03419   | .0021450 |
| %RSD   | 14.51152 | 26.46457 | 1.266807 | 43.76445 | 27.91801 | .1265116 | .6808037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225139 | .0129850 | .1299983 | -.009645 | .0053749 | 27.02580 | .3173880 |
| #2 | .0289246 | .0222644 | .1305227 | -.007663 | .0093110 | 27.05418 | .3146314 |
| #3 | .0228969 | .0173717 | .1331034 | -.003645 | .0090964 | 26.98612 | .3131631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024899 | .0015940 | 504.4169 | .0386432 | .0828705 | .1133570 | 57.89871 |
| Stddev | .0001726 | .0000685 | .8611    | .0007827 | .0002952 | .0061137 | .28634   |
| %RSD   | 6.932413 | 4.295902 | .1707198 | 2.025469 | .3562260 | 5.393320 | .4945507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026881 | .0016701 | 503.8423 | .0377733 | .0830219 | .1129202 | 57.58980 |
| #2 | .0023724 | .0015745 | 504.0014 | .0388658 | .0825303 | .1074734 | 57.95108 |
| #3 | .0024091 | .0015373 | 505.4070 | .0392905 | .0830592 | .1196774 | 58.15525 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.268712 | 68.75285 | .0835914 | -.004845 | .6035188 | .0381118 | .2062542 |
| Stddev | .018861  | .13965   | .0010605 | .001015  | .0155189 | .0073878 | .0016638 |
| %RSD   | .4418505 | .2031256 | 1.268620 | 20.95685 | 2.571397 | 19.38448 | .8066858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.246946 | 68.59750 | .0846585 | -.004845 | .6204916 | .0458851 | .2043468 |
| #2 | 4.278949 | 68.86798 | .0825378 | -.005860 | .6000102 | .0372683 | .2074074 |
| #3 | 4.280242 | 68.79307 | .0835778 | -.003830 | .5900546 | .0311820 | .2070082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.554958 | 2.134092 | -.064458 | .0071481 | .5850754 | 4.365136 | .0106259 |
| Stddev | .186464  | .007872  | .001161  | .0006138 | .0020763 | .027323  | .0016313 |
| %RSD   | 2.468100 | .3688753 | 1.801144 | 8.587540 | .3548866 | .6259260 | 15.35182 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.738409 | 2.136265 | -.064682 | .0069309 | .5846293 | 4.358020 | .0087931 |
| #2 | 7.365621 | 2.140649 | -.063201 | .0078410 | .5873386 | 4.342075 | .0111661 |
| #3 | 7.560845 | 2.125362 | -.065491 | .0066723 | .5832584 | 4.395312 | .0119186 |

Sample Name: P5091-03DLX2      Acquired: 01/04/2025 1:21:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1730634 | .4140629 | .0632766 |
| Stddev | .0007269 | .0016716 | .0009497 |
| %RSD   | .4200348 | .4036970 | 1.500866 |
| #1     | .1722353 | .4122658 | .0624111 |
| #2     | .1735964 | .4143516 | .0642925 |
| #3     | .1733584 | .4155713 | .0631261 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1839.616 | 18796.40 | 1873.893 | 1364.369 | 1763.769 |
| Stddev    | 4.360    | 37.66    | 8.153    | 8.449    | 4.410    |
| %RSD      | .2370050 | .2003737 | .4350789 | .6192283 | .2500224 |
| #1        | 1844.441 | 18832.58 | 1874.866 | 1370.960 | 1767.827 |
| #2        | 1835.959 | 18757.41 | 1881.516 | 1354.844 | 1759.076 |
| #3        | 1838.448 | 18799.22 | 1865.297 | 1367.302 | 1764.404 |



Sample Name: P5091-11DLX2      Acquired: 01/04/2025 1:25:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0658808 | .0113022 | .2856734 | .0218965 | .0178251 | 30.45956 | .6304084 |
| Stddev | .0032746 | .0011651 | .0029273 | .0028396 | .0032386 | .20640   | .0010807 |
| %RSD   | 4.970534 | 10.30893 | 1.024687 | 12.96811 | 18.16896 | .6776204 | .1714265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0652850 | .0118604 | .2845923 | .0197554 | .0179449 | 30.22595 | .6300496 |
| #2 | .0629449 | .0099630 | .2834405 | .0208166 | .0210022 | 30.61722 | .6295527 |
| #3 | .0694124 | .0120832 | .2889875 | .0251176 | .0145282 | 30.53552 | .6316228 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031158 | .0032798 | 476.0868 | .0541348 | .0858588 | .1045525 | 108.3534 |
| Stddev | .0001018 | .0000914 | 2.2595   | .0013454 | .0004963 | .0070389 | .7108    |
| %RSD   | 3.267980 | 2.786306 | .4745963 | 2.485335 | .5780118 | 6.732410 | .6559624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032059 | .0031875 | 473.5893 | .0536114 | .0853173 | .0965184 | 107.5849 |
| #2 | .0030053 | .0033703 | 476.6821 | .0531297 | .0859672 | .1096353 | 108.9872 |
| #3 | .0031361 | .0032815 | 477.9891 | .0556632 | .0862919 | .1075038 | 108.4880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.062340 | 89.98018 | .0897142 | -.009081 | .8061180 | .0881104 | .5790755 |
| Stddev | .050507  | .18673   | .0008073 | .000391  | .0254590 | .0048558 | .0026892 |
| %RSD   | .7151653 | .2075197 | .8998834 | 4.309137 | 3.158219 | 5.511069 | .4644017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.004672 | 89.77439 | .0890221 | -.009492 | .8131168 | .0863777 | .5770725 |
| #2 | 7.098713 | 90.13879 | .0895192 | -.009037 | .8273456 | .0843585 | .5780220 |
| #3 | 7.083633 | 90.02738 | .0906011 | -.008713 | .7778917 | .0935948 | .5821320 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.614802 | 5.422624 | -.193051 | .0083200 | 1.080533 | 4.710470 | .0160674 |
| Stddev | .125701  | .006033  | .003222  | .0006061 | .001761  | .036076  | .0015981 |
| %RSD   | 2.723859 | .1112622 | 1.669165 | 7.284580 | .1629775 | .7658694 | 9.946344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.470898 | 5.425218 | -.189381 | .0089403 | 1.081152 | 4.670921 | .0165796 |
| #2 | 4.670341 | 5.426927 | -.194356 | .0077292 | 1.078546 | 4.741574 | .0173466 |
| #3 | 4.703167 | 5.415728 | -.195417 | .0082905 | 1.081901 | 4.718916 | .0142760 |

Sample Name: P5091-11DLX2      Acquired: 01/04/2025 1:25:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3202561 | .3910378 | .0480379 |
| Stddev | .0021622 | .0025739 | .0036403 |
| %RSD   | .6751414 | .6582170 | 7.577963 |
| #1     | .3224413 | .3882303 | .0510432 |
| #2     | .3202094 | .3932862 | .0439901 |
| #3     | .3181177 | .3915968 | .0490803 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1900.859 | 19459.40 | 1924.159 | 1413.128 | 1781.157 |
| Stddev    | 2.040    | 160.11   | 1.793    | 10.759   | 1.844    |
| %RSD      | .1073286 | .8227819 | .0931706 | .7613411 | .1035207 |
| #1        | 1898.617 | 19315.22 | 1923.449 | 1402.227 | 1780.141 |
| #2        | 1902.606 | 19631.71 | 1926.198 | 1423.738 | 1780.045 |
| #3        | 1901.353 | 19431.28 | 1922.830 | 1413.419 | 1783.286 |

Sample Name: P5091-12DLX2      Acquired: 01/04/2025 1:29:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0570095 | .0237763 | .1728863 | -.007737 | .0087791 | 19.85661 | .4245933 |
| Stddev | .0011988 | .0032003 | .0030045 | .004618  | .0005527 | .15160   | .0039274 |
| %RSD   | 2.102766 | 13.46009 | 1.737826 | 59.69201 | 6.295664 | .7634817 | .9249874 |
| #1     | .0560312 | .0220152 | .1752874 | -.003267 | .0087760 | 19.74805 | .4286701 |
| #2     | .0583468 | .0274704 | .1738544 | -.012490 | .0082279 | 19.79195 | .4242754 |
| #3     | .0566506 | .0218434 | .1695172 | -.007453 | .0093333 | 20.02982 | .4208345 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019926 | .0018199 | 792.2481 | .0388039 | .0932784 | .0987462 | 72.86176 |
| Stddev | .0001966 | .0000572 | 2.6815   | .0010545 | .0006132 | .0120317 | .42135   |
| %RSD   | 9.866322 | 3.143789 | .3384682 | 2.717462 | .6573557 | 12.18446 | .5782912 |
| #1     | .0021827 | .0017598 | 790.4020 | .0399854 | .0939811 | .0949950 | 72.68691 |
| #2     | .0017901 | .0018737 | 791.0184 | .0379581 | .0928521 | .1122066 | 72.55599 |
| #3     | .0020049 | .0018262 | 795.3239 | .0384682 | .0930021 | .0890369 | 73.34239 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.608167 | 102.3491 | .0624885 | -.003963 | .9505096 | .0507312 | .3843649 |
| Stddev | .046291  | .6586    | .0008963 | .000997  | .0213415 | .0081283 | .0008145 |
| %RSD   | .7005196 | .6434883 | 1.434378 | 25.15959 | 2.245267 | 16.02220 | .2119079 |
| #1     | 6.583539 | 101.7884 | .0632199 | -.003651 | .9747685 | .0433950 | .3835363 |
| #2     | 6.579396 | 102.1846 | .0614886 | -.003159 | .9346267 | .0594692 | .3843938 |
| #3     | 6.661567 | 103.0744 | .0627570 | -.005079 | .9421336 | .0493292 | .3851645 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.736182 | 3.076912 | -.110717 | .0073443 | 5.221082 | 3.905497 | .0141646 |
| Stddev | .046838  | .005870  | .000732  | .0008205 | .008122  | .005955  | .0012413 |
| %RSD   | .9889476 | .1907716 | .6615821 | 11.17168 | .1555695 | .1524814 | 8.763245 |
| #1     | 4.682104 | 3.082134 | -.109893 | .0067582 | 5.230278 | 3.904420 | .0127720 |
| #2     | 4.762530 | 3.070559 | -.111292 | .0082819 | 5.214888 | 3.900154 | .0145669 |
| #3     | 4.763913 | 3.078044 | -.110967 | .0069926 | 5.218080 | 3.911918 | .0151547 |

Sample Name: P5091-12DLX2      Acquired: 01/04/2025 1:29:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2873489 | .6513754 | .0394921 |
| Stddev | .0012529 | .0057517 | .0037606 |
| %RSD   | .4360113 | .8830062 | 9.522349 |
| #1     | .2870721 | .6473080 | .0351503 |
| #2     | .2887170 | .6488624 | .0416036 |
| #3     | .2862575 | .6579560 | .0417224 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1819.183 | 18686.58 | 1861.950 | 1361.676 | 1722.627 |
| Stddev    | 2.878    | 74.48    | 2.622    | 5.963    | 5.565    |
| %RSD      | .1582001 | .3985751 | .1408247 | .4379049 | .3230765 |
| #1        | 1817.411 | 18633.23 | 1859.439 | 1357.859 | 1716.204 |
| #2        | 1822.504 | 18654.84 | 1861.739 | 1358.621 | 1725.672 |
| #3        | 1817.634 | 18771.68 | 1864.671 | 1368.547 | 1726.006 |

Sample Name: P5091-13DLX2      Acquired: 01/04/2025 1:33:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0255516 | .0273097 | .1379384 | -.014301 | .0096865 | 19.82962 | .2967741 |
| Stddev | .0091966 | .0022092 | .0023326 | .001672  | .0067929 | .08123   | .0017416 |
| %RSD   | 35.99221 | 8.089415 | 1.691078 | 11.69406 | 70.12806 | .4096531 | .5868353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0172593 | .0298492 | .1360444 | -.014799 | .0151744 | 19.92333 | .2966172 |
| #2 | .0354428 | .0262493 | .1372268 | -.015668 | .0117959 | 19.78638 | .2985888 |
| #3 | .0239527 | .0258306 | .1405439 | -.012436 | .0020891 | 19.77915 | .2951162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019940 | .0012889 | 732.7885 | .0353216 | .0744268 | .1417292 | 62.63718 |
| Stddev | .0001068 | .0000206 | 1.7639   | .0009034 | .0015290 | .0031645 | .33053   |
| %RSD   | 5.354058 | 1.594983 | .2407042 | 2.557552 | 2.054308 | 2.232774 | .5276964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020951 | .0012739 | 734.6354 | .0356150 | .0751197 | .1383196 | 63.01404 |
| #2 | .0018823 | .0012805 | 732.6086 | .0360419 | .0726740 | .1445720 | 62.39644 |
| #3 | .0020045 | .0013124 | 731.1215 | .0343081 | .0754866 | .1422960 | 62.50107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.399280 | 135.4322 | .0518700 | -.004572 | .9048681 | .0439987 | .2524025 |
| Stddev | .020861  | .7097    | .0013682 | .001964  | .0094920 | .0127386 | .0009713 |
| %RSD   | .3863726 | .5240368 | 2.637675 | 42.95032 | 1.048991 | 28.95231 | .3848381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.422290 | 136.1942 | .0507507 | -.005815 | .9017835 | .0581535 | .2515057 |
| #2 | 5.393947 | 135.3124 | .0533952 | -.002308 | .8973020 | .0334566 | .2522676 |
| #3 | 5.381603 | 134.7901 | .0514643 | -.005592 | .9155187 | .0403859 | .2534342 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.191657 | 3.552925 | -.082227 | .0052796 | 1.149419 | 3.740862 | .0112720 |
| Stddev | .077850  | .003678  | .001310  | .0007543 | .011946  | .050172  | .0031141 |
| %RSD   | 1.499529 | .1035322 | 1.592994 | 14.28739 | 1.039279 | 1.341198 | 27.62677 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.106638 | 3.552311 | -.082315 | .0061050 | 1.147424 | 3.768315 | .0086482 |
| #2 | 5.259455 | 3.549592 | -.080875 | .0051080 | 1.138597 | 3.771316 | .0147133 |
| #3 | 5.208880 | 3.556871 | -.083490 | .0046259 | 1.162237 | 3.682954 | .0104546 |

Sample Name: P5091-13DLX2      Acquired: 01/04/2025 1:33:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1886642 | .6294192 | .0470588 |
| Stddev | .0020784 | .0024343 | .0042785 |
| %RSD   | 1.101648 | .3867476 | 9.091882 |
| #1     | .1880575 | .6321315 | .0471287 |
| #2     | .1909784 | .6287017 | .0427457 |
| #3     | .1869566 | .6274243 | .0513019 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1824.710 | 18599.34 | 1858.999 | 1352.920 | 1726.451 |
| Stddev    | 4.954    | 47.65    | 13.243   | 5.047    | 2.325    |
| %RSD      | .2715087 | .2562170 | .7123848 | .3730596 | .1346657 |
| #1        | 1829.909 | 18642.26 | 1849.762 | 1358.340 | 1728.639 |
| #2        | 1824.177 | 18607.70 | 1853.063 | 1352.064 | 1726.702 |
| #3        | 1820.044 | 18548.06 | 1874.171 | 1348.355 | 1724.010 |

Sample Name: P5091-18DLX2      Acquired: 01/04/2025 1:37:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0307345 | .0140743 | .1365151 | -.004005 | .0088599 | 30.38168 | .3132418 |
| Stddev | .0027805 | .0022290 | .0036652 | .003436  | .0023881 | .02993   | .0035814 |
| %RSD   | 9.046776 | 15.83729 | 2.684817 | 85.79986 | 26.95348 | .0985010 | 1.143318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0338217 | .0166285 | .1405264 | -.000148 | .0114015 | 30.39387 | .3097766 |
| #2 | .0284275 | .0125224 | .1333408 | -.006740 | .0085153 | 30.34758 | .3169290 |
| #3 | .0299543 | .0130719 | .1356781 | -.005126 | .0066629 | 30.40359 | .3130200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028639 | .0012045 | 502.9324 | .0533647 | .0700627 | .0661067 | 78.52592 |
| Stddev | .0001023 | .0001538 | 2.5728   | .0013864 | .0002521 | .0059156 | .31085   |
| %RSD   | 3.571060 | 12.76820 | .5115607 | 2.597923 | .3598462 | 8.948481 | .3958510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027959 | .0012713 | 500.3174 | .0547698 | .0701492 | .0622597 | 78.21978 |
| #2 | .0028143 | .0010286 | 503.0190 | .0519978 | .0702603 | .0631421 | 78.51672 |
| #3 | .0029815 | .0013136 | 505.4608 | .0533264 | .0697788 | .0729184 | 78.84127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.738685 | 146.3224 | .0585915 | -.004825 | .7474616 | .0956345 | .3632520 |
| Stddev | .013833  | .7470    | .0002649 | .001391  | .0094380 | .0058470 | .0018686 |
| %RSD   | .5050859 | .5104946 | .4521305 | 28.84011 | 1.262670 | 6.113922 | .5144075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.727947 | 146.0957 | .0582996 | -.005892 | .7577583 | .0979046 | .3644424 |
| #2 | 2.733813 | 145.7150 | .0588166 | -.003251 | .7454051 | .1000061 | .3610983 |
| #3 | 2.754294 | 147.1564 | .0586584 | -.005331 | .7392215 | .0889929 | .3642152 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.411032 | 5.324602 | -.140596 | .0070777 | .8309467 | 4.773153 | .0351074 |
| Stddev | .050915  | .012254  | .001529  | .0006777 | .0041768 | .046772  | .0007770 |
| %RSD   | 1.492649 | .2301482 | 1.087575 | 9.575147 | .5026529 | .9798909 | 2.213219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.382241 | 5.332795 | -.141778 | .0076984 | .8262773 | 4.788809 | .0354540 |
| #2 | 3.381035 | 5.330496 | -.138869 | .0071801 | .8322361 | 4.720561 | .0356508 |
| #3 | 3.469819 | 5.310514 | -.141141 | .0063547 | .8343268 | 4.810088 | .0342174 |

Sample Name: P5091-18DLX2      Acquired: 01/04/2025 1:37:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4746462 | .3327502 | .0618438 |
| Stddev | .0037038 | .0021946 | .0034005 |
| %RSD   | .7803295 | .6595195 | 5.498577 |
| #1     | .4754882 | .3324235 | .0639445 |
| #2     | .4705939 | .3307372 | .0579205 |
| #3     | .4778565 | .3350897 | .0636665 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1877.160 | 19270.09 | 1917.660 | 1406.824 | 1744.551 |
| Stddev    | 1.888    | 40.59    | 10.638   | 1.735    | 2.577    |
| %RSD      | .1005716 | .2106601 | .5547253 | .1233445 | .1477175 |
| #1        | 1877.400 | 19293.37 | 1915.314 | 1405.201 | 1741.616 |
| #2        | 1878.916 | 19223.22 | 1929.275 | 1406.618 | 1745.596 |
| #3        | 1875.163 | 19293.69 | 1908.392 | 1408.653 | 1746.441 |



Sample Name: P5091-19DLX2      Acquired: 01/04/2025 1:41:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0250140 | .0195267 | .1255282 | -.003061 | .0080348 | 26.21617 | .2729926 |
| Stddev | .0022675 | .0035479 | .0037712 | .004343  | .0011499 | .07838   | .0031041 |
| %RSD   | 9.065061 | 18.16936 | 3.004260 | 141.9116 | 14.31172 | .2989727 | 1.137049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0266589 | .0219591 | .1239247 | -.006635 | .0072199 | 26.29856 | .2758800 |
| #2 | .0259558 | .0154557 | .1228237 | -.004319 | .0075344 | 26.20741 | .2697098 |
| #3 | .0224274 | .0211654 | .1298361 | .001773  | .0093502 | 26.14254 | .2733881 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024744 | .0015012 | 614.4315 | .0459623 | .0719484 | .0676998 | 71.27776 |
| Stddev | .0000403 | .0000874 | 2.1648   | .0003646 | .0006298 | .0100674 | .43260   |
| %RSD   | 1.626461 | 5.822848 | .3523239 | .7932686 | .8752901 | 14.87071 | .6069208 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024571 | .0015846 | 616.6824 | .0455500 | .0715375 | .0792110 | 71.76246 |
| #2 | .0024458 | .0014103 | 612.3646 | .0460947 | .0726735 | .0605398 | 70.93081 |
| #3 | .0025204 | .0015087 | 614.2474 | .0462422 | .0716343 | .0633484 | 71.14001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.380370 | 122.2300 | .0586147 | -.005198 | .7981314 | .0596226 | .3434583 |
| Stddev | .012322  | .6977    | .0021374 | .001470  | .0045696 | .0044712 | .0048049 |
| %RSD   | .3645270 | .5708443 | 3.646517 | 28.29079 | .5725411 | 7.499214 | 1.398986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.394571 | 122.6306 | .0608781 | -.005876 | .7988820 | .0547242 | .3464568 |
| #2 | 3.372510 | 121.4243 | .0583353 | -.006207 | .7932329 | .0634846 | .3379163 |
| #3 | 3.374027 | 122.6351 | .0566308 | -.003511 | .8022792 | .0606591 | .3460019 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.203001 | 4.331288 | -.116138 | .0060647 | .8571925 | 4.689468 | .0093853 |
| Stddev | .132631  | .006142  | .003607  | .0011133 | .0036734 | .009183  | .0012528 |
| %RSD   | 3.155634 | .1417998 | 3.105515 | 18.35740 | .4285418 | .1958322 | 13.34869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.057454 | 4.326734 | -.112020 | .0047821 | .8564684 | 4.697835 | .0106881 |
| #2 | 4.234503 | 4.328857 | -.117664 | .0066305 | .8611740 | 4.679643 | .0081893 |
| #3 | 4.317044 | 4.338273 | -.118732 | .0067815 | .8539350 | 4.690925 | .0092784 |

Sample Name: P5091-19DLX2      Acquired: 01/04/2025 1:41:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4205577 | .4699081 | .0521161 |
| Stddev | .0049289 | .0015564 | .0011776 |
| %RSD   | 1.171992 | .3312075 | 2.259564 |
| #1     | .4259411 | .4700883 | .0526802 |
| #2     | .4194653 | .4682694 | .0529055 |
| #3     | .4162666 | .4713665 | .0507626 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1851.197 | 18882.05 | 1892.479 | 1378.495 | 1725.084 |
| Stddev    | 5.660    | 43.68    | 5.958    | 9.880    | 2.423    |
| %RSD      | .3057383 | .2313427 | .3148213 | .7167192 | .1404463 |
| #1        | 1844.671 | 18831.65 | 1885.780 | 1371.859 | 1722.303 |
| #2        | 1854.153 | 18908.81 | 1897.185 | 1389.850 | 1726.212 |
| #3        | 1854.766 | 18905.71 | 1894.471 | 1373.777 | 1726.737 |

Sample Name: P5091-20DLX4      Acquired: 01/04/2025 1:45:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0098268 | .0265762 | .0519010 | -.027788 | .0062265 | 9.739074 | .1670193 |
| Stddev | .0033792 | .0031935 | .0023500 | .006508  | .0012679 | .036482  | .0009399 |
| %RSD   | 34.38691 | 12.01660 | 4.527914 | 23.41807 | 20.36291 | .3745966 | .5627725 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074817 | .0302615 | .0541061 | -.032614 | .0047638 | 9.730133 | .1665020 |
| #2 | .0137001 | .0248446 | .0494289 | -.020387 | .0070117 | 9.779196 | .1664517 |
| #3 | .0082987 | .0246223 | .0521682 | -.030364 | .0069040 | 9.707894 | .1681043 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011717 | .0011863 | 539.0430 | .0179011 | .0558163 | .0369120 | 31.24903 |
| Stddev | .0001834 | .0000403 | .8416    | .0010091 | .0001791 | .0097621 | .12230   |
| %RSD   | 15.65167 | 3.392904 | .1561296 | 5.637175 | .3209722 | 26.44687 | .3913642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013822 | .0011980 | 538.0736 | .0187949 | .0556204 | .0303395 | 31.18762 |
| #2 | .0010860 | .0012193 | 539.4689 | .0168067 | .0558568 | .0322673 | 31.38986 |
| #3 | .0010468 | .0011415 | 539.5865 | .0181015 | .0559717 | .0481292 | 31.16960 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.463643 | 39.99179 | .0271395 | -.001858 | .4616101 | .0171522 | .1304748 |
| Stddev | .013331  | .14466   | .0008737 | .000826  | .0184626 | .0107359 | .0006932 |
| %RSD   | .5411223 | .3617322 | 3.219499 | 44.47420 | 3.999607 | 62.59178 | .5312846 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.450103 | 39.95805 | .0272665 | -.001235 | .4461822 | .0292004 | .1311736 |
| #2 | 2.476755 | 40.15034 | .0262091 | -.002795 | .4820658 | .0136554 | .1297873 |
| #3 | 2.464071 | 39.86698 | .0279427 | -.001543 | .4565824 | .0086006 | .1304634 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.565820 | .7835667 | -.046367 | .0052319 | .6198098 | 2.001615 | .0076235 |
| Stddev | .284766  | .0078473 | .001325  | .0014622 | .0071465 | .018037  | .0016453 |
| %RSD   | 11.09845 | 1.001483 | 2.856867 | 27.94832 | 1.153012 | .9011223 | 21.58153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.371805 | .7793177 | -.045167 | .0063608 | .6183405 | 1.984410 | .0080279 |
| #2 | 2.432914 | .7787602 | -.047788 | .0035801 | .6275767 | 2.020382 | .0058137 |
| #3 | 2.892742 | .7926222 | -.046145 | .0057548 | .6135121 | 2.000052 | .0090289 |

Sample Name: P5091-20DLX4      Acquired: 01/04/2025 1:45:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0659900 | .5839042 | .0170114 |
| Stddev | .0064978 | .0020149 | .0059141 |
| %RSD   | 9.846638 | .3450784 | 34.76543 |
| #1     | .0706501 | .5826202 | .0155259 |
| #2     | .0687524 | .5862265 | .0119816 |
| #3     | .0585674 | .5828660 | .0235265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1778.222 | 18180.06 | 1795.746 | 1326.055 | 1803.757 |
| Stddev    | 1.113    | 70.13    | 20.737   | .846     | 1.821    |
| %RSD      | .0625686 | .3857743 | 1.154796 | .0638084 | .1009823 |
| #1        | 1777.443 | 18257.82 | 1815.838 | 1326.944 | 1802.067 |
| #2        | 1779.496 | 18121.60 | 1774.419 | 1325.960 | 1805.687 |
| #3        | 1777.726 | 18160.74 | 1796.981 | 1325.260 | 1803.517 |

Sample Name: P5082-03DLX2      Acquired: 01/04/2025 1:48:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0195213 | .0256413 | .5833631 | -.018250 | .0038552 | 16.63435 | .2599488 |
| Stddev | .0042564 | .0037303 | .0031295 | .009068  | .0016341 | .16363   | .0017164 |
| %RSD   | 21.80392 | 14.54783 | .5364590 | 49.68701 | 42.38749 | .9836762 | .6602645 |
| #1     | .0197855 | .0288967 | .5821319 | -.007792 | .0056300 | 16.81117 | .2612990 |
| #2     | .0151390 | .0264563 | .5810365 | -.023038 | .0035227 | 16.48827 | .2605300 |
| #3     | .0236395 | .0215709 | .5869210 | -.023920 | .0024129 | 16.60362 | .2580173 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017646 | .0036928 | 571.7586 | .0761270 | .0600393 | .0944302 | 55.07530 |
| Stddev | .0000470 | .0001175 | 1.5566   | .0003888 | .0006885 | .0147632 | .31450   |
| %RSD   | 2.661851 | 3.182530 | .2722467 | .5107049 | 1.146756 | 15.63400 | .5710302 |
| #1     | .0017853 | .0038215 | 572.1333 | .0765151 | .0607269 | .1078150 | 55.25381 |
| #2     | .0017108 | .0035912 | 570.0489 | .0757375 | .0593499 | .0968805 | 54.71216 |
| #3     | .0017976 | .0036656 | 573.0937 | .0761285 | .0600410 | .0785952 | 55.25991 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.947431 | 319.1805 | .0592288 | -.002977 | .8339668 | .0593607 | .8386171 |
| Stddev | .019128  | 1.4991   | .0014757 | .000924  | .0152880 | .0078019 | .0054406 |
| %RSD   | .4845636 | .4696749 | 2.491499 | 31.04104 | 1.833171 | 13.14318 | .6487581 |
| #1     | 3.948708 | 320.4450 | .0587664 | -.002565 | .8163298 | .0669335 | .8339463 |
| #2     | 3.927696 | 317.5244 | .0608803 | -.002331 | .8434384 | .0513483 | .8445909 |
| #3     | 3.965888 | 319.5720 | .0580397 | -.004036 | .8421322 | .0598002 | .8373142 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.905857 | 3.155607 | -.080025 | .0083765 | 10.44188 | 4.445897 | .0163540 |
| Stddev | .137780  | .012843  | .003752  | .0004849 | .02577   | .041576  | .0016006 |
| %RSD   | 4.741444 | .4069859 | 4.687977 | 5.788651 | .2467722 | .9351451 | 9.786996 |
| #1     | 2.820928 | 3.141905 | -.080044 | .0087759 | 10.47148 | 4.476214 | .0155194 |
| #2     | 2.831816 | 3.157544 | -.076264 | .0078370 | 10.42968 | 4.398502 | .0181994 |
| #3     | 3.064827 | 3.167371 | -.083767 | .0085165 | 10.42448 | 4.462973 | .0153433 |

Sample Name: P5082-03DLX2      Acquired: 01/04/2025 1:48:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1830229 | .1862032 | .0325403 |
| Stddev | .0085021 | .0004934 | .0043285 |
| %RSD   | 4.645378 | .2649668 | 13.30181 |
| #1     | .1900108 | .1863505 | .0361138 |
| #2     | .1735571 | .1856529 | .0277274 |
| #3     | .1855008 | .1866061 | .0337799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1756.563 | 17996.64 | 1787.847 | 1305.349 | 1705.578 |
| Stddev    | 3.032    | 95.34    | 13.106   | 12.894   | 3.000    |
| %RSD      | .1726357 | .5297823 | .7330631 | .9877672 | .1758825 |
| #1        | 1755.259 | 18009.44 | 1773.984 | 1308.702 | 1704.800 |
| #2        | 1760.029 | 17895.54 | 1800.035 | 1291.110 | 1708.890 |
| #3        | 1754.399 | 18084.93 | 1789.521 | 1316.235 | 1703.043 |

Sample Name: P5087-18DLX4      Acquired: 01/04/2025 1:52:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0182736 | .0231782 | .1037153 | -.010218 | .0083480 | 7.395926 | .2972753 |
| Stddev | .0047386 | .0016183 | .0055080 | .007925  | .0031813 | .032727  | .0030415 |
| %RSD   | 25.93142 | 6.981941 | 5.310665 | 77.55955 | 38.10917 | .4425013 | 1.023114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0130335 | .0216320 | .0980814 | -.005895 | .0112205 | 7.371564 | .2939190 |
| #2 | .0195298 | .0230425 | .1039766 | -.005395 | .0049287 | 7.433125 | .2998491 |
| #3 | .0222575 | .0248600 | .1090880 | -.019365 | .0088946 | 7.383088 | .2980576 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014951 | .0004857 | 405.4912 | .0136322 | .0517669 | .0366756 | 50.45344 |
| Stddev | .0001076 | .0000403 | 2.3191   | .0005167 | .0001318 | .0092284 | .36173   |
| %RSD   | 7.195353 | 8.292358 | .5719136 | 3.790579 | .2546507 | 25.16208 | .7169493 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015901 | .0005321 | 402.8570 | .0141750 | .0519175 | .0260647 | 50.04261 |
| #2 | .0015168 | .0004598 | 406.3916 | .0135753 | .0517105 | .0411337 | 50.59360 |
| #3 | .0013783 | .0004653 | 407.2250 | .0131462 | .0516726 | .0428286 | 50.72412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.938072 | 90.92422 | .0330590 | -.002575 | .3994955 | .0126400 | .0664165 |
| Stddev | .010445  | .80360   | .0007614 | .001574  | .0315561 | .0104139 | .0004517 |
| %RSD   | .3555059 | .8838164 | 2.303140 | 61.12827 | 7.898983 | 82.38874 | .6800740 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.926096 | 89.99632 | .0326360 | -.004233 | .3638961 | .0241349 | .0661231 |
| #2 | 2.945296 | 91.38242 | .0339379 | -.001101 | .4240255 | .0038347 | .0661898 |
| #3 | 2.942825 | 91.39392 | .0326029 | -.002392 | .4105650 | .0099504 | .0669366 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.628680 | 1.011467 | -.085046 | .0080864 | .8488532 | 2.094408 | -.003795 |
| Stddev | .118191  | .003207  | .003352  | .0005392 | .0029591 | .008824  | .002533  |
| %RSD   | 7.256844 | .3171138 | 3.940863 | 6.667619 | .3485957 | .4213002 | 66.74563 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.496455 | 1.014553 | -.081358 | .0087078 | .8502719 | 2.084355 | -.006533 |
| #2 | 1.665526 | 1.011698 | -.085876 | .0078080 | .8454519 | 2.097996 | -.003320 |
| #3 | 1.724058 | 1.008150 | -.087905 | .0077433 | .8508358 | 2.100872 | -.001534 |

Sample Name: P5087-18DLX4      Acquired: 01/04/2025 1:52:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0239442 | .2462826 | .0086616 |
| Stddev | .0019960 | .0007903 | .0057728 |
| %RSD   | 8.336005 | .3208812 | 66.64833 |
| #1     | .0219714 | .2453751 | .0152315 |
| #2     | .0259626 | .2468190 | .0044009 |
| #3     | .0238987 | .2466538 | .0063523 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1784.789 | 18297.60 | 1792.167 | 1337.046 | 1791.811 |
| Stddev    | 2.183    | 84.72    | 8.350    | 2.053    | 4.924    |
| %RSD      | .1222982 | .4629982 | .4659211 | .1535565 | .2748033 |
| #1        | 1784.922 | 18272.72 | 1801.416 | 1339.414 | 1786.584 |
| #2        | 1782.542 | 18391.97 | 1789.899 | 1335.958 | 1792.487 |
| #3        | 1786.902 | 18228.10 | 1785.185 | 1335.766 | 1796.362 |



Sample Name: P5086-14DLX2      Acquired: 01/04/2025 1:56:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0370177 | .0210415 | .2733296 | -.003022 | .0108997 | 24.97719 | .3749281 |
| Stddev | .0065912 | .0039256 | .0020704 | .001954  | .0031364 | .02044   | .0008816 |
| %RSD   | 17.80550 | 18.65659 | .7574754 | 64.65300 | 28.77553 | .0818195 | .2351406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0438461 | .0186537 | .2729303 | -.004681 | .0120146 | 25.00064 | .3748131 |
| #2 | .0365145 | .0188985 | .2714879 | -.000869 | .0073581 | 24.96318 | .3758616 |
| #3 | .0306926 | .0255722 | .2755706 | -.003516 | .0133263 | 24.96775 | .3741097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025352 | .0017364 | 532.1665 | .0444685 | .0665314 | .0848603 | 73.46522 |
| Stddev | .0001746 | .0000827 | 1.6443   | .0000501 | .0002166 | .0130010 | .14284   |
| %RSD   | 6.887725 | 4.760485 | .3089750 | .1127007 | .3256031 | 15.32041 | .1944356 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024799 | .0017115 | 532.6844 | .0444552 | .0662926 | .0860557 | 73.46408 |
| #2 | .0023950 | .0018287 | 533.4895 | .0445239 | .0667154 | .0972223 | 73.60862 |
| #3 | .0027308 | .0016691 | 530.3256 | .0444263 | .0665861 | .0713030 | 73.32294 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.511178 | 87.68364 | .0537593 | -.005326 | .6304700 | .0794986 | .3362683 |
| Stddev | .008518  | .04603   | .0020190 | .000737  | .0032566 | .0080047 | .0007395 |
| %RSD   | .1888296 | .0524938 | 3.755605 | 13.83749 | .5165394 | 10.06905 | .2199290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.501710 | 87.72993 | .0535757 | -.005881 | .6305694 | .0702616 | .3364786 |
| #2 | 4.518221 | 87.63788 | .0518384 | -.004490 | .6271648 | .0838264 | .3354464 |
| #3 | 4.513603 | 87.68311 | .0558639 | -.005608 | .6336757 | .0844078 | .3368800 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.751040 | 2.436213 | -.132633 | .0058153 | .8943472 | 5.283821 | .0063029 |
| Stddev | .112226  | .002568  | .001473  | .0009622 | .0080126 | .066455  | .0015538 |
| %RSD   | 4.079392 | .1054219 | 1.110854 | 16.54515 | .8959198 | 1.257700 | 24.65257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.864623 | 2.433898 | -.131130 | .0050525 | .8933813 | 5.360514 | .0080622 |
| #2 | 2.748274 | 2.435767 | -.132695 | .0054971 | .8868614 | 5.243281 | .0057279 |
| #3 | 2.640223 | 2.438976 | -.134074 | .0068962 | .9027991 | 5.247667 | .0051184 |

Sample Name: P5086-14DLX2      Acquired: 01/04/2025 1:56:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4089994 | .5053291 | .0384086 |
| Stddev | .0090976 | .0003379 | .0039225 |
| %RSD   | 2.224351 | .0668608 | 10.21249 |
| #1     | .4144270 | .5056428 | .0353248 |
| #2     | .3984964 | .5049714 | .0370777 |
| #3     | .4140750 | .5053732 | .0428234 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1856.273 | 18983.41 | 1891.617 | 1388.583 | 1761.222 |
| Stddev    | 5.993    | 162.70   | 9.265    | 10.045   | 5.421    |
| %RSD      | .3228538 | .8570760 | .4897832 | .7233647 | .3078191 |
| #1        | 1860.572 | 19170.70 | 1881.089 | 1399.332 | 1764.740 |
| #2        | 1858.819 | 18876.94 | 1895.235 | 1379.435 | 1763.946 |
| #3        | 1849.427 | 18902.59 | 1898.527 | 1386.983 | 1754.978 |

Sample Name: P5086-15DLX4      Acquired: 01/04/2025 2:00:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0296493 | .0230270 | .1265331 | -.014755 | .0098522 | 9.088867 | .2760621 |
| Stddev | .0025340 | .0033687 | .0047829 | .007456  | .0067295 | .328422  | .0136351 |
| %RSD   | 8.546435 | 14.62921 | 3.779952 | 50.53376 | 68.30480 | 3.613451 | 4.939156 |
| #1     | .0268143 | .0268921 | .1314854 | -.006156 | .0090561 | 9.468076 | .2917632 |
| #2     | .0304401 | .0207154 | .1219398 | -.019417 | .0035561 | 8.895986 | .2671995 |
| #3     | .0316936 | .0214735 | .1261740 | -.018694 | .0169444 | 8.902537 | .2692236 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015988 | .0008451 | 516.3044 | .0162886 | .0541444 | .0389335 | 55.02856 |
| Stddev | .0000631 | .0001447 | 18.5821  | .0007305 | .0003879 | .0123711 | 1.87766  |
| %RSD   | 3.946646 | 17.12434 | 3.599050 | 4.484958 | .7164480 | 31.77497 | 3.412154 |
| #1     | .0016049 | .0006800 | 537.7038 | .0155245 | .0538660 | .0293246 | 57.19641 |
| #2     | .0015329 | .0009050 | 504.2473 | .0163613 | .0545875 | .0345840 | 53.91420 |
| #3     | .0016586 | .0009502 | 506.9622 | .0169801 | .0539798 | .0528920 | 53.97507 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.131934 | 101.4679 | .0379988 | -.003057 | .5689561 | .0230569 | .0962787 |
| Stddev | .106181  | 3.3578   | .0003767 | .001083  | .0482497 | .0234271 | .0013471 |
| %RSD   | 3.390276 | 3.309261 | .9913575 | 35.41817 | 8.480393 | 101.6058 | 1.399112 |
| #1     | 3.254524 | 105.2942 | .0383571 | -.004216 | .6245216 | .0324699 | .0947549 |
| #2     | 3.068834 | 99.0116  | .0376060 | -.002886 | .5446937 | -.003613 | .0973108 |
| #3     | 3.072444 | 100.0981 | .0380334 | -.002070 | .5376531 | .040313  | .0967704 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.825471 | 1.352482 | -.086381 | .0067154 | 1.010144 | 2.232629 | -.005720 |
| Stddev | .088368  | .001038  | .002816  | .0008231 | .006093  | .066008  | .002462  |
| %RSD   | 4.840830 | .0767756 | 3.259960 | 12.25671 | .6031424 | 2.956502 | 43.03829 |
| #1     | 1.926245 | 1.351300 | -.089205 | .0074756 | 1.008799 | 2.308829 | -.007978 |
| #2     | 1.761217 | 1.352903 | -.086367 | .0058413 | 1.016796 | 2.193038 | -.003095 |
| #3     | 1.788949 | 1.353244 | -.083573 | .0068294 | 1.004836 | 2.196021 | -.006088 |

Sample Name: P5086-15DLX4      Acquired: 01/04/2025 2:00:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0372757 | .3378509 | .0137268 |
| Stddev | .0101131 | .0119288 | .0052445 |
| %RSD   | 27.13061 | 3.530792 | 38.20591 |
| #1     | .0441382 | .3514619 | .0170754 |
| #2     | .0420270 | .3292144 | .0164222 |
| #3     | .0256618 | .3328765 | .0076828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1788.293 | 18312.69 | 1789.709 | 1334.185 | 1773.010 |
| Stddev    | 3.591    | 57.70    | 45.266   | 3.830    | 4.373    |
| %RSD      | .2007881 | .3150959 | 2.529259 | .2870364 | .2466554 |
| #1        | 1787.155 | 18354.95 | 1737.615 | 1337.365 | 1769.311 |
| #2        | 1792.314 | 18246.95 | 1812.058 | 1329.934 | 1777.837 |
| #3        | 1785.409 | 18336.18 | 1819.454 | 1335.256 | 1771.881 |

Sample Name: P5086-16DLX2      Acquired: 01/04/2025 2:04:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0331808 | .0213837 | .1828026 | -.011701 | .0107743 | 18.72312 |
| Stddev | .0031400 | .0014838 | .0046199 | .004282  | .0019606 | .18916   |
| %RSD   | 9.463240 | 6.938872 | 2.527283 | 36.59554 | 18.19698 | 1.010305 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0296784 | .0208749 | .1781376 | -.007266 | .0114347 | 18.66826 |
| #2 | .0357439 | .0230550 | .1828940 | -.012025 | .0085687 | 18.56746 |
| #3 | .0341200 | .0202213 | .1873761 | -.015812 | .0123193 | 18.93365 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2625448 | .0025854 | .0013323 | F 911.8427 | .0322012 | .0725877 |
| Stddev | .0033886 | .0001543 | .0001991 | 4.8613     | .0006534 | .0002837 |
| %RSD   | 1.290681 | 5.968254 | 14.94724 | .5331271   | 2.029009 | .3908314 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2643018 | .0024227 | .0015534 | 912.0738 | .0326037 | .0728306 |
| #2 | .2586385 | .0027296 | .0011671 | 906.8700 | .0314473 | .0726565 |
| #3 | .2646940 | .0026038 | .0012764 | 916.5843 | .0325525 | .0722759 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0725743 | 80.06243 | 3.500888 | 165.5226 | .0721377 | -.005743 |
| Stddev | .0051658 | .71163   | .028688  | 1.6188   | .0004526 | .001748  |
| %RSD   | 7.117944 | .8888437 | .8194617 | .9779795 | .6273887 | 30.43338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0688938 | 80.06596 | 3.480515 | 164.9864 | .0724183 | -.006810 |
| #2 | .0784798 | 79.34905 | 3.488453 | 164.2399 | .0723793 | -.006694 |
| #3 | .0703493 | 80.77230 | 3.533696 | 167.3414 | .0716156 | -.003726 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9849958 | .0288487 | .1204675 | 4.147422 | 2.300787 | -.108628 |
| Stddev | .0459876 | .0145898 | .0001815 | .022951  | .009333  | .002857  |
| %RSD   | 4.668807 | 50.57335 | .1506936 | .5533722 | .4056391 | 2.629990 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.035493 | .0121404 | .1203492 | 4.122548 | 2.295189 | -.105731 |
| #2 | .973973  | .0353359 | .1206765 | 4.151939 | 2.295611 | -.111444 |
| #3 | .945521  | .0390698 | .1203767 | 4.167777 | 2.311561 | -.108710 |

Sample Name: P5086-16DLX2      Acquired: 01/04/2025 2:04:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036694 | 1.815486 | 4.760790 | -.001543 | .0634950 | .6811817 |
| Stddev | .0009588 | .005572  | .041362  | .000824  | .0055318 | .0044734 |
| %RSD   | 26.13057 | .3069281 | .8688124 | 53.38777 | 8.712178 | .6567121 |
| #1     | .0028316 | 1.815889 | 4.770616 | -.000661 | .0670336 | .6805512 |
| #2     | .0047151 | 1.809723 | 4.715400 | -.001676 | .0571203 | .6770570 |
| #3     | .0034613 | 1.820845 | 4.796355 | -.002293 | .0663310 | .6859369 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0443265 |
| Stddev | .0037252 |
| %RSD   | 8.404094 |
| #1     | .0431760 |
| #2     | .0413123 |
| #3     | .0484913 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1799.349 | 18489.11 | 1848.138 | 1339.541 | 1670.591 |
| Stddev    | 3.624    | 77.66    | 19.808   | 1.607    | .819     |
| %RSD      | .2014225 | .4200264 | 1.071778 | .1199869 | .0490034 |
| #1        | 1801.836 | 18496.98 | 1840.398 | 1340.209 | 1671.511 |
| #2        | 1795.191 | 18562.54 | 1870.647 | 1340.707 | 1670.319 |
| #3        | 1801.020 | 18407.82 | 1833.368 | 1337.708 | 1669.943 |

Sample Name: P5084-05DLX2      Acquired: 01/04/2025 2:08:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230487 | .0204087 | .1536771 | -.000040 | .0160358 | 27.87533 | .3260551 |
| Stddev | .0012141 | .0037879 | .0039960 | .005463  | .0046873 | .07145   | .0014478 |
| %RSD   | 5.267664 | 18.56030 | 2.600240 | 13612.97 | 29.23025 | .2563347 | .4440275 |
| #1     | .0244457 | .0222620 | .1582883 | -.005869 | .0106985 | 27.83074 | .3260882 |
| #2     | .0224522 | .0160510 | .1515145 | .000787  | .0179260 | 27.95775 | .3245911 |
| #3     | .0222482 | .0229131 | .1512285 | .004962  | .0194828 | 27.83752 | .3274861 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026268 | .0019008 | 474.5685 | .0460179 | .0788331 | .1665709 | 77.60795 |
| Stddev | .0000382 | .0000313 | 2.8487   | .0003684 | .0005140 | .0097207 | .35864   |
| %RSD   | 1.452942 | 1.647789 | .6002755 | .8005488 | .6520257 | 5.835779 | .4621234 |
| #1     | .0026564 | .0018647 | 472.9777 | .0463566 | .0794216 | .1576398 | 77.68876 |
| #2     | .0025837 | .0019169 | 477.8574 | .0460714 | .0786060 | .1769244 | 77.91930 |
| #3     | .0026403 | .0019209 | 472.8706 | .0456257 | .0784718 | .1651484 | 77.21580 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.839550 | 88.20774 | .0768761 | -.006478 | .6097143 | .0725084 | .2904284 |
| Stddev | .038444  | .63255   | .0006747 | .000584  | .0299799 | .0061998 | .0028914 |
| %RSD   | .7943672 | .7171166 | .8776939 | 9.009504 | 4.917048 | 8.550523 | .9955612 |
| #1     | 4.820508 | 88.36706 | .0774601 | -.005841 | .5836043 | .0786983 | .2873651 |
| #2     | 4.883798 | 88.74541 | .0770309 | -.006606 | .6030842 | .0725282 | .2931100 |
| #3     | 4.814343 | 87.51077 | .0761375 | -.006987 | .6424543 | .0662987 | .2908101 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.586895 | 4.000910 | -.134687 | .0068008 | .7156956 | 5.921098 | .0017974 |
| Stddev | .098196  | .007825  | .005582  | .0002743 | .0076780 | .044855  | .0010910 |
| %RSD   | 2.140794 | .1955721 | 4.144700 | 4.034104 | 1.072795 | .7575399 | 60.69633 |
| #1     | 4.699822 | 3.997060 | -.132315 | .0070666 | .7072088 | 5.899139 | .0029624 |
| #2     | 4.539274 | 4.009914 | -.141063 | .0065186 | .7221598 | 5.972701 | .0016302 |
| #3     | 4.521590 | 3.995757 | -.130682 | .0068171 | .7177182 | 5.891454 | .0007998 |

Sample Name: P5084-05DLX2      Acquired: 01/04/2025 2:08:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3944351 | .3693818 | .0586068 |
| Stddev | .0085026 | .0017493 | .0025245 |
| %RSD   | 2.155642 | .4735790 | 4.307439 |
| #1     | .3949230 | .3678940 | .0609360 |
| #2     | .4026832 | .3713089 | .0559243 |
| #3     | .3856990 | .3689425 | .0589601 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1878.753 | 19116.33 | 1911.229 | 1399.037 | 1777.622 |
| Stddev    | 6.257    | 35.43    | 14.246   | 4.168    | 5.978    |
| %RSD      | .3330450 | .1853410 | .7454090 | .2979345 | .3362816 |
| #1        | 1873.400 | 19089.30 | 1914.995 | 1396.066 | 1773.825 |
| #2        | 1877.226 | 19103.26 | 1895.478 | 1397.244 | 1774.529 |
| #3        | 1885.632 | 19156.44 | 1923.215 | 1403.802 | 1784.513 |



Sample Name: P5084-06DLX2      Acquired: 01/04/2025 2:12:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0306260 | .0138974 | .1462998 | .0125963 | .0175042 | 30.50373 | .3636464 |
| Stddev | .0064326 | .0078258 | .0035869 | .0018578 | .0019600 | .27738   | .0054376 |
| %RSD   | 21.00375 | 56.31126 | 2.451743 | 14.74893 | 11.19741 | .9093226 | 1.495307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0243038 | .0173140 | .1484153 | .0144859 | .0152978 | 30.18396 | .3694031 |
| #2 | .0371637 | .0194340 | .1483259 | .0107720 | .0190438 | 30.64792 | .3585971 |
| #3 | .0304105 | .0049442 | .1421584 | .0125309 | .0181711 | 30.67932 | .3629389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032244 | .0023692 | 591.6067 | .0555669 | .0891033 | .1699438 | 94.29083 |
| Stddev | .0001953 | .0000811 | 1.7348   | .0009531 | .0006398 | .0036798 | .48267   |
| %RSD   | 6.058068 | 3.422556 | .2932311 | 1.715271 | .7180236 | 2.165329 | .5118966 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030089 | .0023132 | 591.1599 | .0560076 | .0884334 | .1687149 | 93.82827 |
| #2 | .0032744 | .0024622 | 590.1391 | .0544732 | .0891685 | .1740809 | 94.25285 |
| #3 | .0033898 | .0023322 | 593.5212 | .0562200 | .0897080 | .1670357 | 94.79137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.063244 | 72.40717 | .1005495 | -.007001 | .7075041 | .0631169 | .2624518 |
| Stddev | .033664  | .54460   | .0009798 | .001328  | .0236582 | .0079541 | .0016705 |
| %RSD   | .5552096 | .7521330 | .9744794 | 18.96767 | 3.343895 | 12.60214 | .6364795 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.028721 | 71.78476 | .0994227 | -.007784 | .7019221 | .0675187 | .2628453 |
| #2 | 6.065034 | 72.64067 | .1012008 | -.005468 | .6871361 | .0539349 | .2638903 |
| #3 | 6.095977 | 72.79609 | .1010251 | -.007752 | .7334542 | .0678971 | .2606197 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.224892 | 4.305148 | -.155720 | .0066275 | .6855876 | 5.766728 | .0041139 |
| Stddev | .054231  | .006154  | .002029  | .0007747 | .0025990 | .032528  | .0028092 |
| %RSD   | .8711947 | .1429501 | 1.303052 | 11.68965 | .3790929 | .5640615 | 68.28621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.166746 | 4.305781 | -.157762 | .0075192 | .6847041 | 5.795037 | .0058048 |
| #2 | 6.233833 | 4.298701 | -.153704 | .0062438 | .6885131 | 5.731196 | .0008711 |
| #3 | 6.274096 | 4.310961 | -.155694 | .0061195 | .6835454 | 5.773952 | .0056659 |

Sample Name: P5084-06DLX2      Acquired: 01/04/2025 2:12:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4432243 | .4339069 | .0666367 |
| Stddev | .0013960 | .0019403 | .0038407 |
| %RSD   | .3149712 | .4471687 | 5.763630 |
| #1     | .4417515 | .4316666 | .0647340 |
| #2     | .4433932 | .4350019 | .0641189 |
| #3     | .4445282 | .4350521 | .0710573 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1883.880 | 19262.98 | 1914.913 | 1408.323 | 1762.609 |
| Stddev    | 3.385    | 51.32    | 11.388   | 6.066    | 2.051    |
| %RSD      | .1796891 | .2664186 | .5947089 | .4307017 | .1163695 |
| #1        | 1879.993 | 19277.48 | 1906.765 | 1414.893 | 1760.731 |
| #2        | 1885.469 | 19305.50 | 1927.925 | 1402.936 | 1764.797 |
| #3        | 1886.179 | 19205.97 | 1910.048 | 1407.141 | 1762.298 |

Sample Name: P5084-07DLX2      Acquired: 01/04/2025 2:16:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131509 | .0118100 | .0725808 | .0162386 | .0222721 | 37.15878 | .3293256 |
| Stddev | .0049807 | .0012002 | .0019299 | .0023758 | .0026012 | .07722   | .0025541 |
| %RSD   | 37.87331 | 10.16215 | 2.658920 | 14.63049 | 11.67917 | .2078202 | .7755573 |
| #1     | .0183875 | .0129715 | .0711028 | .0187224 | .0252470 | 37.22526 | .3302478 |
| #2     | .0125921 | .0118838 | .0718755 | .0160051 | .0204263 | 37.07407 | .3264384 |
| #3     | .0084732 | .0105746 | .0747641 | .0139881 | .0211429 | 37.17700 | .3312905 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038502 | .0024747 | 630.1917 | .0768064 | .0938328 | .1017311 | 110.7607 |
| Stddev | .0003044 | .0000506 | 1.5935   | .0009144 | .0003142 | .0048121 | .1563    |
| %RSD   | 7.906916 | 2.045904 | .2528598 | 1.190538 | .3348481 | 4.730240 | .1411418 |
| #1     | .0040022 | .0024760 | 631.8427 | .0776014 | .0939911 | .1065989 | 110.8948 |
| #2     | .0040487 | .0025247 | 630.0699 | .0770106 | .0940364 | .1016176 | 110.7982 |
| #3     | .0034997 | .0024235 | 628.6626 | .0758071 | .0934710 | .0969767 | 110.5890 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.626103 | 69.50380 | .1256791 | -.010291 | .7224180 | .0712220 | .2191939 |
| Stddev | .006092  | .16965   | .0013800 | .000862  | .0080651 | .0051822 | .0019820 |
| %RSD   | .0919459 | .2440895 | 1.098054 | 8.372553 | 1.116403 | 7.276121 | .9042202 |
| #1     | 6.632819 | 69.55796 | .1261086 | -.010396 | .7156187 | .0652464 | .2214118 |
| #2     | 6.620930 | 69.31368 | .1241354 | -.011094 | .7203065 | .0739357 | .2185738 |
| #3     | 6.624562 | 69.63976 | .1267934 | -.009381 | .7313288 | .0744838 | .2175961 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.058304 | 3.907698 | -.177577 | .0069141 | .4932676 | 6.037923 | .0070425 |
| Stddev | .112355  | .013748  | .004467  | .0009450 | .0031676 | .065536  | .0022760 |
| %RSD   | 1.394277 | .3518269 | 2.515748 | 13.66776 | .6421605 | 1.085403 | 32.31854 |
| #1     | 8.012420 | 3.920964 | -.176243 | .0080053 | .4906808 | 6.074679 | .0095049 |
| #2     | 7.976153 | 3.893514 | -.182560 | .0063574 | .4923215 | 6.076831 | .0066068 |
| #3     | 8.186340 | 3.908615 | -.173929 | .0063798 | .4968004 | 5.962259 | .0050158 |

Sample Name: P5084-07DLX2      Acquired: 01/04/2025 2:16:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7228457 | .4287217 | .0888789 |
| Stddev | .0024455 | .0005936 | .0046190 |
| %RSD   | .3383187 | .1384675 | 5.196976 |
| #1     | .7234276 | .4286497 | .0853297 |
| #2     | .7249478 | .4281673 | .0872056 |
| #3     | .7201617 | .4293480 | .0941013 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1908.329 | 19528.22 | 1936.321 | 1420.459 | 1754.912 |
| Stddev    | 3.084    | 135.18   | 9.240    | 7.206    | 4.478    |
| %RSD      | .1615897 | .6922222 | .4771861 | .5072706 | .2551769 |
| #1        | 1905.129 | 19593.15 | 1930.822 | 1420.616 | 1749.791 |
| #2        | 1911.282 | 19618.69 | 1931.153 | 1427.584 | 1756.850 |
| #3        | 1908.575 | 19372.83 | 1946.989 | 1413.176 | 1758.094 |

Sample Name: P5084-08DLX5      Acquired: 01/04/2025 2:20:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000929 | .0204592 | .0318586 | -.005503 | .0068961 | 13.41024 | .0939608 |
| Stddev | .0043948 | .0031694 | .0023395 | .005172  | .0037742 | .03934   | .0000734 |
| %RSD   | 4728.965 | 15.49145 | 7.343353 | 93.98496 | 54.72874 | .2933776 | .0781219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051655 | .0204923 | .0338680 | -.000633 | .0028011 | 13.36489 | .0940444 |
| #2 | -.002318 | .0172733 | .0324175 | -.010932 | .0076524 | 13.43522 | .0939309 |
| #3 | -.002569 | .0236119 | .0292902 | -.004945 | .0102348 | 13.43062 | .0939070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014217 | .0006222 | 221.1467 | .0267072 | .0500923 | .0631979 | 40.16863 |
| Stddev | .0000707 | .0000950 | .7756    | .0001864 | .0004138 | .0085510 | .07378   |
| %RSD   | 4.973443 | 15.27412 | .3507277 | .6977818 | .8260231 | 13.53056 | .1836706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013738 | .0006709 | 222.0248 | .0266505 | .0504824 | .0541959 | 40.20655 |
| #2 | .0015030 | .0006830 | 220.5550 | .0265558 | .0501361 | .0712122 | 40.08360 |
| #3 | .0013885 | .0005127 | 220.8603 | .0269154 | .0496584 | .0641854 | 40.21574 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.991814 | 29.84255 | .0317391 | -.002010 | .2747174 | .0299711 | .0844649 |
| Stddev | .008748  | .04135   | .0004300 | .000669  | .0137150 | .0097134 | .0006744 |
| %RSD   | .4392199 | .1385759 | 1.354914 | 33.30106 | 4.992409 | 32.40920 | .7984643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.000822 | 29.80582 | .0315348 | -.001434 | .2651175 | .0388350 | .0836867 |
| #2 | 1.983350 | 29.88734 | .0322332 | -.001851 | .2686093 | .0195874 | .0848286 |
| #3 | 1.991269 | 29.83448 | .0314492 | -.002744 | .2904252 | .0314909 | .0848794 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.721876 | 1.742782 | -.072354 | .0069093 | .1719566 | 2.363256 | -.008741 |
| Stddev | .183721  | .004273  | .003174  | .0008654 | .0022592 | .022749  | .001849  |
| %RSD   | 6.749794 | .2451987 | 4.386613 | 12.52566 | 1.313833 | .9626126 | 21.15718 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.594586 | 1.742829 | -.073118 | .0065650 | .1722543 | 2.353773 | -.006797 |
| #2 | 2.638547 | 1.747032 | -.075077 | .0078939 | .1740522 | 2.389212 | -.010478 |
| #3 | 2.932495 | 1.738485 | -.068868 | .0062691 | .1695633 | 2.346782 | -.008948 |

Sample Name: P5084-08DLX5      Acquired: 01/04/2025 2:20:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLX2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3160725 | .1895239 | .0226257 |
| Stddev | .0057505 | .0011669 | .0031868 |
| %RSD   | 1.819359 | .6156767 | 14.08500 |
| #1     | .3188672 | .1906475 | .0258701 |
| #2     | .3094588 | .1883181 | .0194998 |
| #3     | .3198915 | .1896060 | .0225073 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1861.066 | 18895.09 | 1837.388 | 1381.779 | 1898.471 |
| Stddev    | 6.705    | 15.28    | 13.776   | 2.829    | 7.223    |
| %RSD      | .3603036 | .0808716 | .7497733 | .2047247 | .3804798 |
| #1        | 1856.016 | 18877.62 | 1840.892 | 1379.115 | 1895.206 |
| #2        | 1858.509 | 18901.72 | 1822.198 | 1381.474 | 1893.456 |
| #3        | 1868.674 | 18905.94 | 1849.074 | 1384.748 | 1906.750 |

Sample Name: P5084-18DLX2      Acquired: 01/04/2025 2:24:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM32      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0366193 | .0132910 | .1507564 | .0105521 | .0136434 | 31.39467 | .2985881 |
| Stddev | .0016620 | .0048678 | .0044125 | .0037968 | .0035619 | .33448   | .0039711 |
| %RSD   | 4.538702 | 36.62453 | 2.926906 | 35.98179 | 26.10665 | 1.065418 | 1.329965 |
| #1     | .0369039 | .0128882 | .1456706 | .0077663 | .0149001 | 31.76920 | .3003092 |
| #2     | .0381206 | .0183477 | .1530336 | .0148768 | .0096236 | 31.12571 | .2940467 |
| #3     | .0348333 | .0086372 | .1535651 | .0090132 | .0164066 | 31.28911 | .3014083 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033550 | .0023907 | 583.7893 | .0632873 | .0875558 | .1475810 | 98.00113 |
| Stddev | .0001434 | .0000591 | 1.7777   | .0007916 | .0006109 | .0081244 | .52436   |
| %RSD   | 4.274699 | 2.471793 | .3045027 | 1.250747 | .6977736 | 5.505057 | .5350515 |
| #1     | .0032039 | .0023982 | 585.8420 | .0637949 | .0878783 | .1540727 | 98.54677 |
| #2     | .0033717 | .0023282 | 582.7615 | .0636918 | .0879379 | .1384700 | 97.50102 |
| #3     | .0034893 | .0024457 | 582.7645 | .0623753 | .0868511 | .1502002 | 97.95561 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.439747 | 63.66725 | .1028697 | -.009405 | .6788700 | .0726579 | .2674334 |
| Stddev | .033166  | .37726   | .0014422 | .000997  | .0389111 | .0100455 | .0007489 |
| %RSD   | .6097014 | .5925445 | 1.402008 | 10.59616 | 5.731743 | 13.82574 | .2800218 |
| #1     | 5.474917 | 63.89310 | .1037753 | -.010508 | .6384258 | .0841839 | .2666373 |
| #2     | 5.409036 | 63.23173 | .1012065 | -.009141 | .7160412 | .0680239 | .2681238 |
| #3     | 5.435287 | 63.87691 | .1036272 | -.008567 | .6821428 | .0657658 | .2675392 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.208623 | 4.646048 | -.161963 | .0071868 | .6504694 | 5.291294 | .0018246 |
| Stddev | .295003  | .000669  | .002440  | .0013927 | .0079621 | .003781  | .0022970 |
| %RSD   | 4.751512 | .0143926 | 1.506748 | 19.37804 | 1.224048 | .0714624 | 125.8893 |
| #1     | 6.439167 | 4.645282 | -.160162 | .0059926 | .6480286 | 5.295618 | .0039538 |
| #2     | 6.310524 | 4.646342 | -.160987 | .0068512 | .6593661 | 5.288609 | -.000610 |
| #3     | 5.876178 | 4.646519 | -.164741 | .0087166 | .6440135 | 5.289654 | .002130  |

Sample Name: P5084-18DLX2      Acquired: 01/04/2025 2:24:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHM32      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4298260 | .4761172 | .0696361 |
| Stddev | .0070111 | .0037166 | .0029632 |
| %RSD   | 1.631141 | .7806040 | 4.255260 |
| #1     | .4355700 | .4804045 | .0663755 |
| #2     | .4220133 | .4741401 | .0703681 |
| #3     | .4318945 | .4738071 | .0721646 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1896.703 | 19378.79 | 1923.521 | 1415.474 | 1760.311 |
| Stddev    | 2.942    | 154.85   | 15.474   | 8.019    | 1.707    |
| %RSD      | .1551025 | .7990952 | .8044588 | .5665401 | .0969963 |
| #1        | 1898.497 | 19217.75 | 1906.401 | 1408.648 | 1760.612 |
| #2        | 1893.308 | 19526.61 | 1936.511 | 1424.306 | 1758.474 |
| #3        | 1898.304 | 19392.02 | 1927.652 | 1413.469 | 1761.848 |



Sample Name: CCV109      Acquired: 01/04/2025 2:27:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV109      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.943924 | 4.918765 | 25.03191 | 4.927135 | 4.957909 | 411.7450 | 10.19297 |
| Stddev | .009176  | .018452  | .02645   | .008489  | .016670  | 1.7190   | .06701   |
| %RSD   | .1856041 | .3751374 | .1056696 | .1722867 | .3362295 | .4174922 | .6574555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.942336 | 4.911996 | 25.02262 | 4.917439 | 4.938673 | 413.4145 | 10.24571 |
| #2 | 4.935646 | 4.904653 | 25.01136 | 4.930740 | 4.966934 | 409.9804 | 10.11756 |
| #3 | 4.953791 | 4.939645 | 25.06176 | 4.933227 | 4.968122 | 411.8402 | 10.21565 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5219263 | 2.517306 | 411.2567 | 15.78485 | 2.549512 | 15.51866 | 417.3956 |
| Stddev | .0049868 | .002968  | 2.3836   | .05175   | .003212  | .07813   | 2.4841   |
| %RSD   | .9554685 | .1178840 | .5795894 | .3278390 | .1259680 | .5034369 | .5951440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5273589 | 2.515877 | 412.9648 | 15.78069 | 2.546776 | 15.59098 | 419.3773 |
| #2 | .5175566 | 2.515324 | 408.5336 | 15.73531 | 2.548711 | 15.43580 | 414.6088 |
| #3 | .5208635 | 2.520718 | 412.2718 | 15.83855 | 2.553048 | 15.52920 | 418.2007 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.45350 | 418.6681 | 2.536470 | 1.261636 | 431.7587 | 2.586279 | 15.02152 |
| Stddev | .07221   | 2.4881   | .004142  | .001357  | 1.5509   | .041242  | .06007   |
| %RSD   | .4672664 | .5942947 | .1632854 | .1075597 | .3592047 | 1.594663 | .3998801 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.50132 | 419.9038 | 2.531980 | 1.262658 | 433.5440 | 2.615119 | 15.04662 |
| #2 | 15.37043 | 415.8040 | 2.537290 | 1.260096 | 430.7447 | 2.539040 | 14.95297 |
| #3 | 15.48873 | 420.2965 | 2.540140 | 1.262153 | 430.9872 | 2.604680 | 15.06496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.7419 | 5.051940 | 4.580884 | 4.967104 | 4.980198 | 5.140287 | 5.072625 |
| Stddev | .9147    | .016710  | .046722  | .018099  | .023292  | .045746  | .007332  |
| %RSD   | .5988847 | .3307716 | 1.019930 | .3643708 | .4676831 | .8899563 | .1445449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.2141 | 5.033226 | 4.605626 | 4.948389 | 4.968696 | 5.180140 | 5.068649 |
| #2 | 151.6875 | 5.057226 | 4.526995 | 4.968406 | 4.964896 | 5.090335 | 5.068139 |
| #3 | 153.3239 | 5.065369 | 4.610032 | 4.984516 | 5.007003 | 5.150385 | 5.081086 |

Sample Name: CCV109      Acquired: 01/04/2025 2:27:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV109      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.152857 | 4.872593 | 4.879240 |
| Stddev | .038314  | .023172  | .032998  |
| %RSD   | .7435457 | .4755658 | .6762845 |
| #1     | 5.189030 | 4.893977 | 4.898183 |
| #2     | 5.112712 | 4.847973 | 4.841138 |
| #3     | 5.156831 | 4.875831 | 4.898398 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1498.646 | 16259.37 | 1654.463 | 1112.037 | 1614.149 |
| Stddev    | 4.559    | 48.88    | 10.118   | 2.027    | 2.232    |
| %RSD      | .3041959 | .3006339 | .6115472 | .1822366 | .1382476 |
| #1        | 1503.889 | 16305.97 | 1644.843 | 1113.341 | 1616.431 |
| #2        | 1495.615 | 16263.66 | 1665.014 | 1113.067 | 1611.972 |
| #3        | 1496.434 | 16208.49 | 1653.530 | 1109.702 | 1614.043 |

Sample Name: CCB109      Acquired: 01/04/2025 2:31:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB109      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052237 | .0006778 | .0018156 | .0056040 | -.002142 | .0657738 | -.000425 |
| Stddev | .0046000 | .0026378 | .0044961 | .0056169 | .002809  | .0328987 | .002601  |
| %RSD   | 88.06017 | 389.1788 | 247.6382 | 100.2296 | 131.1525 | 50.01800 | 611.8747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0099033 | .0036414 | .0069716 | .0115274 | -.004891 | .0491405 | -.000710 |
| #2 | .0050602 | -.001413 | -.000237 | .0049303 | -.002257 | .0445130 | .002307  |
| #3 | .0007076 | -.000195 | -.001288 | .0003544 | .000723  | .1036680 | -.002871 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000068 | -.000002 | -.099664 | .0000071 | -.000099 | -.015298 | -.019155 |
| Stddev | .000253  | .000073  | .039865  | .0011728 | .000457  | .011583  | .043174  |
| %RSD   | 371.2863 | 4683.135 | 39.99924 | 16518.06 | 461.1433 | 75.71803 | 225.3958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000194 | -.000085 | -.128687 | .0011640 | .000371  | -.002076 | .010625  |
| #2 | -.000234 | .000050  | -.054210 | .0000381 | -.000542 | -.023659 | -.068668 |
| #3 | .000224  | .000031  | -.116095 | -.001181 | -.000127 | -.020157 | .000579  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023734 | -.144779 | -.000698 | .0009500 | .1383779 | -.002269 | -.000031 |
| Stddev | .0019788 | .078184  | .000670  | .0015277 | .0251482 | .008430  | .000250  |
| %RSD   | 83.37398 | 54.00219 | 95.92252 | 160.8161 | 18.17354 | 371.5474 | 803.9492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001061 | -.221266 | -.001457 | .0013775 | .1621179 | -.008884 | -.000173 |
| #2 | .0037522 | -.065002 | -.000445 | .0022184 | .1120255 | .007223  | -.000177 |
| #3 | .0032621 | -.148071 | -.000192 | -.000746 | .1409904 | -.005146 | .000257  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2617495 | -.000401 | .0051023 | .0006496 | -.011464 | -.001465 | .0006529 |
| Stddev | .1170810 | .002897  | .0019418 | .0004627 | .003602  | .000477  | .0017397 |
| %RSD   | 44.73017 | 721.7965 | 38.05677 | 71.22172 | 31.42078 | 32.57730 | 266.4701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2536759 | .002856  | .0071898 | .0001591 | -.014010 | -.001926 | .0006762 |
| #2 | .1489143 | -.002690 | .0033499 | .0010782 | -.007343 | -.001497 | .0023808 |
| #3 | .3826583 | -.001371 | .0047671 | .0007115 | -.013040 | -.000973 | -.001098 |

Sample Name: CCB109      Acquired: 01/04/2025 2:31:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB109      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.007910 | -.000104 | -.000411 |
| Stddev | .003719  | .000341  | .004214  |
| %RSD   | 47.01326 | 328.7156 | 1025.825 |
| #1     | -.011227 | .000284  | -.005234 |
| #2     | -.008614 | -.000238 | .002556  |
| #3     | -.003890 | -.000357 | .001446  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1833.856 | 18497.47 | 1787.589 | 1359.318 | 2034.621 |
| Stddev    | 2.802    | 117.91   | 6.651    | 9.793    | 3.320    |
| %RSD      | .1527773 | .6374321 | .3720462 | .7204623 | .1631601 |
| #1        | 1836.765 | 18501.97 | 1782.147 | 1360.933 | 2038.340 |
| #2        | 1833.626 | 18377.37 | 1785.618 | 1348.818 | 2031.957 |
| #3        | 1831.176 | 18613.06 | 1795.003 | 1368.204 | 2033.565 |

Sample Name: P5083-14DLX2      Acquired: 01/04/2025 2:35:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0367130 | .0157157 | .1465466 | .0109188 | .0170240 | 28.61047 | .2785085 |
| Stddev | .0048163 | .0028497 | .0018091 | .0059771 | .0023070 | .22715   | .0052111 |
| %RSD   | 13.11880 | 18.13290 | 1.234506 | 54.74128 | 13.55125 | .7939383 | 1.871074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0317452 | .0129670 | .1455308 | .0133457 | .0173505 | 28.86814 | .2845258 |
| #2 | .0413619 | .0186567 | .1486353 | .0153007 | .0191503 | 28.43919 | .2755115 |
| #3 | .0370319 | .0155235 | .1454737 | .0041100 | .0145712 | 28.52406 | .2754883 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029154 | .0017260 | 496.7320 | .0463212 | .0758402 | .1352774 | 82.63332 |
| Stddev | .0000763 | .0000939 | 2.2201   | .0005339 | .0003941 | .0061448 | .35904   |
| %RSD   | 2.618961 | 5.440788 | .4469379 | 1.152660 | .5196781 | 4.542403 | .4344993 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029756 | .0017104 | 499.1010 | .0457338 | .0758508 | .1376306 | 83.04196 |
| #2 | .0029411 | .0016409 | 494.6991 | .0464525 | .0762290 | .1398978 | 82.36842 |
| #3 | .0028295 | .0018268 | 496.3959 | .0467772 | .0754409 | .1283037 | 82.48959 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.835829 | 58.96840 | .0667380 | -.006065 | .6442474 | .0614444 | .2827419 |
| Stddev | .030869  | .65167   | .0004312 | .000708  | .0132835 | .0116310 | .0011817 |
| %RSD   | .6383391 | 1.105122 | .6461022 | 11.67548 | 2.061870 | 18.92926 | .4179477 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.871239 | 59.71501 | .0662704 | -.005508 | .6566617 | .0667806 | .2821441 |
| #2 | 4.814584 | 58.51385 | .0668234 | -.005826 | .6458418 | .0694497 | .2841031 |
| #3 | 4.821665 | 58.67632 | .0671200 | -.006862 | .6302385 | .0481028 | .2819786 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.585057 | 2.650619 | -.120358 | .0058341 | .7919705 | 4.854670 | .0017982 |
| Stddev | .122945  | .007734  | .001525  | .0005738 | .0013379 | .054312  | .0021175 |
| %RSD   | 2.681420 | .2917637 | 1.266718 | 9.836095 | .1689360 | 1.118763 | 117.7545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.697307 | 2.643136 | -.118823 | .0054757 | .7934993 | 4.910647 | .0009915 |
| #2 | 4.604201 | 2.658581 | -.121872 | .0064959 | .7913993 | 4.802192 | .0042005 |
| #3 | 4.453664 | 2.650140 | -.120381 | .0055306 | .7910131 | 4.851171 | .0002027 |

Sample Name: P5083-14DLX2      Acquired: 01/04/2025 2:35:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2544852 | .4375203 | .0527102 |
| Stddev | .0039361 | .0023107 | .0035127 |
| %RSD   | 1.546695 | .5281284 | 6.664073 |
| #1     | .2548469 | .4401865 | .0487147 |
| #2     | .2503807 | .4362750 | .0553128 |
| #3     | .2582280 | .4360993 | .0541032 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1894.880 | 19297.24 | 1923.790 | 1415.370 | 1781.759 |
| Stddev    | 7.800    | 134.32   | 32.382   | 6.755    | 6.608    |
| %RSD      | .4116333 | .6960350 | 1.683262 | .4772892 | .3708434 |
| #1        | 1903.763 | 19142.26 | 1887.663 | 1411.796 | 1789.255 |
| #2        | 1891.724 | 19369.49 | 1950.204 | 1411.152 | 1779.242 |
| #3        | 1889.151 | 19379.96 | 1933.504 | 1423.161 | 1776.780 |

Sample Name: P5083-15DLX4      Acquired: 01/04/2025 2:39:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172612 | .0267003 | .0867461 | -.016861 | .0047385 | 13.49014 | .1605794 |
| Stddev | .0030804 | .0016286 | .0021599 | .007689  | .0030664 | .01833   | .0006964 |
| %RSD   | 17.84563 | 6.099591 | 2.489899 | 45.60152 | 64.71308 | .1358873 | .4336570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0208157 | .0249317 | .0855465 | -.008736 | .0060999 | 13.51082 | .1604144 |
| #2 | .0153683 | .0270312 | .0892396 | -.017824 | .0068885 | 13.47589 | .1599804 |
| #3 | .0155998 | .0281381 | .0854523 | -.024022 | .0012271 | 13.48370 | .1613435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016986 | .0005301 | 493.9759 | .0226194 | .0535498 | .0382119 | 40.84920 |
| Stddev | .0001284 | .0000923 | .4986    | .0007759 | .0007772 | .0057968 | .19459   |
| %RSD   | 7.556176 | 17.40600 | .1009371 | 3.430436 | 1.451293 | 15.17006 | .4763588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015578 | .0005525 | 493.4390 | .0232752 | .0527049 | .0413776 | 40.63060 |
| #2 | .0018090 | .0004287 | 494.4244 | .0228202 | .0537101 | .0417365 | 41.00350 |
| #3 | .0017290 | .0006092 | 494.0643 | .0217628 | .0542343 | .0315216 | 40.91349 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.938895 | 17.26184 | .0272837 | -.002541 | .6727118 | .0292621 | .0686400 |
| Stddev | .006671  | .05820   | .0009750 | .000727  | .0156757 | .0036954 | .0012347 |
| %RSD   | .3440466 | .3371348 | 3.573665 | 28.59670 | 2.330219 | 12.62863 | 1.798792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.944259 | 17.20713 | .0275457 | -.001734 | .6704883 | .0272865 | .0696397 |
| #2 | 1.940999 | 17.25542 | .0281009 | -.003144 | .6582667 | .0335253 | .0672599 |
| #3 | 1.931425 | 17.32298 | .0262044 | -.002745 | .6893805 | .0269744 | .0690205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.553496 | 1.544818 | -.052608 | .0058508 | .6245024 | 2.575627 | -.002746 |
| Stddev | .076043  | .007383  | .001729  | .0011914 | .0043043 | .015191  | .002257  |
| %RSD   | 2.978013 | .4779266 | 3.285778 | 20.36309 | .6892434 | .5897962 | 82.18708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.513411 | 1.553108 | -.050928 | .0049764 | .6284585 | 2.564197 | -.004431 |
| #2 | 2.641195 | 1.538952 | -.054381 | .0072078 | .6199187 | 2.592865 | -.003625 |
| #3 | 2.505881 | 1.542392 | -.052516 | .0053683 | .6251301 | 2.569820 | -.000182 |

Sample Name: P5083-15DLX4      Acquired: 01/04/2025 2:39:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0277690 | .8363781 | .0205029 |
| Stddev | .0059692 | .0020101 | .0022322 |
| %RSD   | 21.49593 | .2403320 | 10.88704 |
| #1     | .0234961 | .8340626 | .0221785 |
| #2     | .0252217 | .8373971 | .0179690 |
| #3     | .0345893 | .8376746 | .0213612 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1816.938 | 18567.16 | 1830.721 | 1360.825 | 1835.293 |
| Stddev    | 3.681    | 100.88   | 2.353    | 13.671   | 5.124    |
| %RSD      | .2025819 | .5433186 | .1285332 | 1.004620 | .2792127 |
| #1        | 1813.175 | 18489.85 | 1831.394 | 1350.285 | 1830.026 |
| #2        | 1817.108 | 18681.28 | 1828.104 | 1376.272 | 1835.593 |
| #3        | 1820.531 | 18530.36 | 1832.664 | 1355.917 | 1840.262 |



Sample Name: P5083-16DLX4      Acquired: 01/04/2025 2:43:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094162 | .0235669 | .0721695 | -.019909 | .0055295 | 16.98477 | .1750792 |
| Stddev | .0029989 | .0034732 | .0033760 | .006174  | .0022545 | .15021   | .0037976 |
| %RSD   | 31.84832 | 14.73781 | 4.677912 | 31.01144 | 40.77253 | .8843627 | 2.169058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104479 | .0259855 | .0718375 | -.016286 | .0079506 | 17.15819 | .1722613 |
| #2 | .0117630 | .0251281 | .0689718 | -.016403 | .0034903 | 16.89549 | .1735785 |
| #3 | .0060376 | .0195870 | .0756993 | -.027038 | .0051476 | 16.90064 | .1793978 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017068 | .0005844 | 510.5024 | .0250821 | .0625509 | .0508496 | 42.77462 |
| Stddev | .0001532 | .0001009 | .3831    | .0003208 | .0004410 | .0051352 | .20240   |
| %RSD   | 8.976873 | 17.26210 | .0750411 | 1.278980 | .7049956 | 10.09881 | .4731683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018640 | .0006720 | 510.9172 | .0254524 | .0620804 | .0507698 | 42.99971 |
| #2 | .0015579 | .0004741 | 510.4282 | .0248901 | .0629548 | .0457547 | 42.71652 |
| #3 | .0016985 | .0006073 | 510.1619 | .0249037 | .0626176 | .0560242 | 42.60763 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.086842 | 27.64341 | .0388614 | -.003146 | .6000405 | .0445611 | .1199036 |
| Stddev | .011251  | .04745   | .0006828 | .001027  | .0122399 | .0091687 | .0008588 |
| %RSD   | .3644946 | .1716326 | 1.757029 | 32.64860 | 2.039839 | 20.57548 | .7162033 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.099767 | 27.63673 | .0381862 | -.003277 | .6015253 | .0540306 | .1199599 |
| #2 | 3.081515 | 27.59966 | .0395516 | -.004102 | .6114702 | .0439264 | .1207328 |
| #3 | 3.079242 | 27.69384 | .0388463 | -.002060 | .5871259 | .0357263 | .1190181 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.681712 | 1.550121 | -.057008 | .0066602 | .4006673 | 2.817918 | -.003307 |
| Stddev | .068618  | .004067  | .001466  | .0001356 | .0029210 | .003532  | .002547  |
| %RSD   | 1.863761 | .2623494 | 2.572269 | 2.035856 | .7290402 | .1253284 | 77.01714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.725381 | 1.545899 | -.055486 | .0068165 | .4006354 | 2.821973 | -.000625 |
| #2 | 3.602622 | 1.550453 | -.057125 | .0065907 | .3977623 | 2.816263 | -.003603 |
| #3 | 3.717133 | 1.554012 | -.058412 | .0065735 | .4036041 | 2.815517 | -.005693 |

Sample Name: P5083-16DLX4      Acquired: 01/04/2025 2:43:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0951814 | .5753451 | .0267195 |
| Stddev | .0068825 | .0035205 | .0011472 |
| %RSD   | 7.230962 | .6118851 | 4.293527 |
| #1     | .0901587 | .5792433 | .0280072 |
| #2     | .0923590 | .5723977 | .0258063 |
| #3     | .1030265 | .5743943 | .0263451 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1806.715 | 18406.07 | 1811.884 | 1349.421 | 1815.570 |
| Stddev    | 7.489    | 82.92    | 3.721    | 7.833    | 6.585    |
| %RSD      | .4145354 | .4505202 | .2053785 | .5804565 | .3626712 |
| #1        | 1800.980 | 18356.20 | 1808.996 | 1345.970 | 1809.765 |
| #2        | 1815.188 | 18360.23 | 1810.573 | 1343.906 | 1822.725 |
| #3        | 1803.976 | 18501.80 | 1816.083 | 1358.387 | 1814.220 |

Sample Name: P5092-09DLX4      Acquired: 01/04/2025 2:47:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0128919 | .0283098 | .0853275 | -.019247 | .0021702 | 13.80145 | .3370489 |
| Stddev | .0014069 | .0021868 | .0022360 | .004022  | .0036417 | .01869   | .0015530 |
| %RSD   | 10.91332 | 7.724680 | 2.620551 | 20.89664 | 167.8079 | .1354232 | .4607681 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0118916 | .0308264 | .0866693 | -.022554 | .0026076 | 13.78441 | .3371236 |
| #2 | .0122835 | .0272310 | .0827462 | -.020417 | -.001670 | 13.82144 | .3354598 |
| #3 | .0145007 | .0268720 | .0865670 | -.014770 | .005573  | 13.79850 | .3385632 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013764 | .0007167 | 405.3595 | .0214172 | .0563856 | .0329354 | 35.87812 |
| Stddev | .0002613 | .0000775 | 1.2971   | .0002511 | .0008416 | .0061098 | .13848   |
| %RSD   | 18.98510 | 10.81106 | .3199814 | 1.172495 | 1.492557 | 18.55096 | .3859686 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015649 | .0008058 | 406.6845 | .0216339 | .0554406 | .0399904 | 36.00804 |
| #2 | .0014862 | .0006653 | 405.3019 | .0211420 | .0566622 | .0293904 | 35.73243 |
| #3 | .0010781 | .0006789 | 404.0922 | .0214759 | .0570541 | .0294254 | 35.89387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.451856 | 20.97238 | .0345475 | -.002126 | .4479326 | .0169883 | .1085342 |
| Stddev | .008869  | .15928   | .0012994 | .001323  | .0041361 | .0154195 | .0006341 |
| %RSD   | .2569366 | .7594595 | 3.761136 | 62.20031 | .9233792 | 90.76558 | .5842793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.450106 | 21.08130 | .0336258 | -.001332 | .4524149 | .0347888 | .1088274 |
| #2 | 3.461469 | 21.04626 | .0360337 | -.003653 | .4471197 | .0077464 | .1078066 |
| #3 | 3.443992 | 20.78958 | .0339831 | -.001394 | .4442634 | .0084295 | .1089688 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.066664 | .7857185 | -.040568 | .0073246 | .6097651 | 2.164382 | -.005381 |
| Stddev | .233127  | .0041068 | .002055  | .0003367 | .0029668 | .010063  | .000928  |
| %RSD   | 7.601988 | .5226853 | 5.065586 | 4.596279 | .4865437 | .4649338 | 17.24924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.961594 | .7825897 | -.039774 | .0074513 | .6118420 | 2.174327 | -.005288 |
| #2 | 3.333836 | .7903690 | -.039029 | .0075795 | .6110861 | 2.154205 | -.004504 |
| #3 | 2.904564 | .7841967 | -.042902 | .0069430 | .6063673 | 2.164614 | -.006353 |

Sample Name: P5092-09DLX4      Acquired: 01/04/2025 2:47:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0343923 | .3951492 | .0198678 |
| Stddev | .0021403 | .0002975 | .0041479 |
| %RSD   | 6.223267 | .0752843 | 20.87760 |
| #1     | .0321442 | .3948965 | .0184101 |
| #2     | .0364055 | .3954771 | .0245478 |
| #3     | .0346271 | .3950740 | .0166455 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1819.063 | 18395.15 | 1818.042 | 1354.710 | 1853.925 |
| Stddev    | 3.358    | 80.70    | 7.280    | 7.897    | 2.594    |
| %RSD      | .1846223 | .4387109 | .4004453 | .5829200 | .1399139 |
| #1        | 1822.934 | 18482.56 | 1811.695 | 1359.256 | 1856.680 |
| #2        | 1816.921 | 18323.47 | 1816.442 | 1345.591 | 1853.566 |
| #3        | 1817.334 | 18379.41 | 1825.990 | 1359.282 | 1851.530 |

Sample Name: P5092-16DLX2      Acquired: 01/04/2025 2:51:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0424847 | .0147332 | .9317271 | -.002555 | .0156155 | 26.47449 | .6709972 |
| Stddev | .0030213 | .0002320 | .0017115 | .002515  | .0008414 | .03568   | .0056492 |
| %RSD   | 7.111551 | 1.574450 | .1836931 | 98.42436 | 5.388563 | .1347825 | .8419121 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0414184 | .0149877 | .9332737 | -.002209 | .0165871 | 26.47357 | .6760376 |
| #2 | .0401411 | .0146782 | .9298883 | -.000231 | .0151328 | 26.43928 | .6720630 |
| #3 | .0458946 | .0145337 | .9320195 | -.005225 | .0151266 | 26.51063 | .6648910 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030591 | .0035296 | 629.9576 | .0680227 | .0764714 | .1534528 | 80.36994 |
| Stddev | .0001341 | .0000073 | .3132    | .0004832 | .0007984 | .0011425 | .07132   |
| %RSD   | 4.383872 | .2053407 | .0497113 | .7104164 | 1.044042 | .7445012 | .0887404 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029382 | .0035287 | 630.2898 | .0684716 | .0761675 | .1539211 | 80.42056 |
| #2 | .0030359 | .0035373 | 629.9152 | .0675112 | .0758696 | .1521506 | 80.40088 |
| #3 | .0032033 | .0035228 | 629.6677 | .0680854 | .0773771 | .1542868 | 80.28837 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.680739 | 101.0485 | .0796511 | -.005406 | .8781666 | .0723783 | .7993556 |
| Stddev | .009120  | .2079    | .0009395 | .000917  | .0087715 | .0032422 | .0047258 |
| %RSD   | .1948438 | .2057895 | 1.179575 | 16.96994 | .9988421 | 4.479503 | .5911985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.680196 | 100.8985 | .0793155 | -.005699 | .8830284 | .0707879 | .8047258 |
| #2 | 4.690118 | 101.2859 | .0807124 | -.006141 | .8834306 | .0702383 | .7958315 |
| #3 | 4.671902 | 100.9612 | .0789254 | -.004378 | .8680408 | .0761085 | .7975097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.194215 | 6.753627 | -.127065 | .0087660 | 1.754186 | 5.158088 | .0509520 |
| Stddev | .147986  | .023551  | .006289  | .0012563 | .010509  | .036960  | .0025181 |
| %RSD   | 3.528341 | .3487169 | 4.949058 | 14.33143 | .5990947 | .7165473 | 4.942089 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.297553 | 6.748641 | -.133649 | .0078363 | 1.765772 | 5.200147 | .0486996 |
| #2 | 4.024687 | 6.732968 | -.126423 | .0101952 | 1.745268 | 5.130786 | .0504857 |
| #3 | 4.260406 | 6.779272 | -.121121 | .0082664 | 1.751517 | 5.143330 | .0536706 |

Sample Name: P5092-16DLX2      Acquired: 01/04/2025 2:51:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHLT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4134303 | .4915902 | .0417402 |
| Stddev | .0043253 | .0016580 | .0025178 |
| %RSD   | 1.046201 | .3372808 | 6.032011 |
| #1     | .4123308 | .4911857 | .0442355 |
| #2     | .4181993 | .4934131 | .0417847 |
| #3     | .4097609 | .4901718 | .0392005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1828.686 | 18641.29 | 1851.756 | 1354.948 | 1738.423 |
| Stddev    | 2.200    | 75.24    | 4.386    | 4.946    | 2.841    |
| %RSD      | .1202839 | .4036150 | .2368768 | .3650581 | .1634049 |
| #1        | 1827.446 | 18727.49 | 1847.389 | 1355.011 | 1736.134 |
| #2        | 1831.226 | 18588.83 | 1851.718 | 1349.970 | 1741.602 |
| #3        | 1827.386 | 18607.54 | 1856.162 | 1359.862 | 1737.532 |

Sample Name: P5130-15      Acquired: 01/04/2025 2:55:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1414501 | -.027483 | 5.008409 | .1113629 | .0504482 | 59.66435 |
| Stddev | .0020652 | .003483  | .010151  | .0039674 | .0026522 | .43846   |
| %RSD   | 1.460034 | 12.67499 | .2026747 | 3.562583 | 5.257186 | .7348734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1426781 | -.026445 | 5.019902 | .1149740 | .0528327 | 60.11378 |
| #2 | .1390657 | -.024637 | 5.004658 | .1071160 | .0509202 | 59.23776 |
| #3 | .1426064 | -.031367 | 5.000668 | .1119987 | .0475918 | 59.64151 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.292012 | .0059577 | .0163770 | 135.4270 | .1519720 | .1331187 |
| Stddev | .017792  | .0000757 | .0002230 | .1529    | .0005026 | .0002264 |
| %RSD   | .5404647 | 1.270237 | 1.361562 | .1129373 | .3307030 | .1700785 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.276392 | .0058932 | .0161204 | 135.5914 | .1525149 | .1331800 |
| #2 | 3.311379 | .0059389 | .0164867 | 135.4008 | .1518779 | .1328679 |
| #3 | 3.288265 | .0060410 | .0165239 | 135.2889 | .1515231 | .1333081 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5801397 | 227.3338 | 16.34279 | 40.69461 | .1715213 | -.016137 |
| Stddev | .0119232 | 1.4300   | .09676   | .21224   | .0009202 | .000683  |
| %RSD   | 2.055226 | .6290309 | .5920751 | .5215349 | .5364867 | 4.234418 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5881895 | 228.9466 | 16.45445 | 40.92900 | .1725705 | -.016915 |
| #2 | .5857876 | 226.8341 | 16.29038 | 40.63936 | .1711418 | -.015861 |
| #3 | .5664420 | 226.2207 | 16.28354 | 40.51545 | .1708515 | -.015634 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8248728 | .1616333 | 5.564655 | 7.035384 | F 28.28203 | -.421883 |
| Stddev | .0147735 | .0022299 | .008837  | .136475  | .01914     | .004511  |
| %RSD   | 1.791001 | 1.379601 | .1588116 | 1.939842 | .0676733   | 1.069246 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8109753 | .1641486 | 5.572118 | 7.103990 | 28.27553 | -.420746 |
| #2 | .8403890 | .1608523 | 5.566951 | 7.123944 | 28.26698 | -.418049 |
| #3 | .8232542 | .1598989 | 5.554896 | 6.878217 | 28.30357 | -.426853 |

Sample Name: P5130-15      Acquired: 01/04/2025 2:55:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0171274 | 7.124567 | 7.198200 | .7161384 | .9103026 | .2361071 |
| Stddev | .0008607 | .010013  | .022659  | .0027284 | .0024450 | .0016062 |
| %RSD   | 5.025426 | .1405383 | .3147915 | .3809890 | .2685914 | .6802959 |
| #1     | .0170998 | 7.134688 | 7.219178 | .7130436 | .9091348 | .2379500 |
| #2     | .0162807 | 7.114666 | 7.174169 | .7181964 | .9086606 | .2350046 |
| #3     | .0180015 | 7.124348 | 7.201252 | .7171753 | .9131126 | .2353666 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0749341 |
| Stddev | .0016900 |
| %RSD   | 2.255308 |
| #1     | .0744859 |
| #2     | .0735134 |
| #3     | .0768030 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2106.993 | 21365.52 | 2104.523 | 1565.764 | 1857.439 |
| Stddev    | 3.457    | 91.31    | 8.203    | 7.478    | 3.603    |
| %RSD      | .1640660 | .4273782 | .3897604 | .4776033 | .1939768 |
| #1        | 2110.969 | 21292.76 | 2095.685 | 1560.904 | 1860.526 |
| #2        | 2104.696 | 21335.81 | 2105.993 | 1562.013 | 1858.311 |
| #3        | 2105.315 | 21467.98 | 2111.891 | 1574.376 | 1853.480 |



Sample Name: P5130-16      Acquired: 01/04/2025 2:58:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1306761 | -.026934 | 4.990568 | .1169278 | .0486285 | 60.08481 |
| Stddev | .0030841 | .001751  | .008591  | .0136946 | .0010835 | .26905   |
| %RSD   | 2.360106 | 6.502144 | .1721520 | 11.71205 | 2.228054 | .4477765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1342308 | -.024953 | 4.984550 | .1327156 | .0486949 | 59.81308 |
| #2 | .1290849 | -.027573 | 4.986747 | .1098098 | .0496773 | 60.09026 |
| #3 | .1287126 | -.028276 | 5.000407 | .1082580 | .0475134 | 60.35109 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.294776 | .0059416 | .0161348 | 135.6397 | .1505778 | .1329988 |
| Stddev | .006626  | .0000812 | .0000634 | .3189    | .0011139 | .0006526 |
| %RSD   | .2011122 | 1.366376 | .3929661 | .2351071 | .7397649 | .4906861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.289537 | .0060307 | .0160616 | 135.3214 | .1514510 | .1329300 |
| #2 | 3.292567 | .0058718 | .0161725 | 135.6386 | .1509591 | .1323832 |
| #3 | 3.302225 | .0059223 | .0161703 | 135.9591 | .1493233 | .1336830 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5764503 | 227.5835 | 16.41210 | 40.79906 | .1715066 | -.015474 |
| Stddev | .0167133 | .7181    | .06443   | .30836   | .0009684 | .000793  |
| %RSD   | 2.899356 | .3155305 | .3925889 | .7557910 | .5646273 | 5.127411 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5771047 | 226.9909 | 16.34225 | 40.50164 | .1725870 | -.014643 |
| #2 | .5594194 | 227.3776 | 16.42486 | 41.11730 | .1712162 | -.015553 |
| #3 | .5928268 | 228.3821 | 16.46920 | 40.77824 | .1707167 | -.016224 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8260291 | .1642029 | 5.547545 | 7.265500 | F 28.20418 | -.430131 |
| Stddev | .0069042 | .0171203 | .044571  | .180158  | .02698     | .002935  |
| %RSD   | .8358338 | 10.42633 | .8034360 | 2.479642 | .0956450   | .6823719 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8180883 | .1533462 | 5.502320 | 7.282911 | 28.17547 | -.427191 |
| #2 | .8293863 | .1839387 | 5.591432 | 7.436321 | 28.22900 | -.433061 |
| #3 | .8306127 | .1553237 | 5.548884 | 7.077268 | 28.20808 | -.430140 |

Sample Name: P5130-16      Acquired: 01/04/2025 2:58:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0174013 | 7.102141 | 7.321456 | .7145536 | .9128795 | .2373879 |
| Stddev | .0005572 | .021145  | .013140  | .0023118 | .0038936 | .0013735 |
| %RSD   | 3.202280 | .2977326 | .1794693 | .3235304 | .4265179 | .5785832 |
| #1     | .0167578 | 7.108781 | 7.310733 | .7172113 | .9108999 | .2359438 |
| #2     | .0177215 | 7.078473 | 7.317522 | .7130086 | .9103733 | .2375422 |
| #3     | .0177245 | 7.119169 | 7.336114 | .7134408 | .9173651 | .2386778 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0732691 |
| Stddev | .0025643 |
| %RSD   | 3.499788 |
| #1     | .0723489 |
| #2     | .0712918 |
| #3     | .0761664 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2117.487 | 21581.81 | 2099.267 | 1585.545 | 1870.764 |
| Stddev    | 6.668    | 127.69   | 8.273    | 17.979   | 5.801    |
| %RSD      | .3148885 | .5916342 | .3940743 | 1.133948 | .3100756 |
| #1        | 2124.531 | 21642.15 | 2107.868 | 1602.488 | 1877.458 |
| #2        | 2111.273 | 21435.14 | 2091.367 | 1566.683 | 1867.217 |
| #3        | 2116.657 | 21668.15 | 2098.568 | 1587.463 | 1867.616 |

Sample Name: P5130-15LX5      Acquired: 01/04/2025 3:02:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0320775 | -.002456 | 1.006520 | .0218371 | .0104906 | 14.04900 | .7693796 |
| Stddev | .0029585 | .002093  | .004039  | .0054629 | .0030782 | .05478   | .0047523 |
| %RSD   | 9.223103 | 85.21879 | .4012484 | 25.01678 | 29.34271 | .3899288 | .6176855 |
| #1     | .0327976 | -.004870 | 1.002102 | .0271582 | .0127273 | 14.07567 | .7747692 |
| #2     | .0346094 | -.001175 | 1.007438 | .0162426 | .0117647 | 13.98600 | .7657910 |
| #3     | .0288253 | -.001321 | 1.010021 | .0221104 | .0069799 | 14.08535 | .7675785 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013474 | .0030834 | 31.82430 | .0354906 | .0357130 | .1303099 | 53.47003 |
| Stddev | .0002030 | .0000846 | .06950   | .0004145 | .0004016 | .0065195 | .17873   |
| %RSD   | 15.06746 | 2.744697 | .2183891 | 1.167917 | 1.124465 | 5.003059 | .3342547 |
| #1     | .0011243 | .0029954 | 31.90454 | .0353278 | .0357604 | .1259276 | 53.31938 |
| #2     | .0015213 | .0030905 | 31.78275 | .0351821 | .0360887 | .1378020 | 53.66751 |
| #3     | .0013966 | .0031642 | 31.78562 | .0359617 | .0352898 | .1272000 | 53.42320 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.877005 | 9.640129 | .0306230 | -.002897 | .1848880 | .0376852 | 1.335571 |
| Stddev | .005728  | .083029  | .0006447 | .001497  | .0261564 | .0075097 | .005307  |
| %RSD   | .1477429 | .8612869 | 2.105336 | 51.67224 | 14.14714 | 19.92749 | .3973907 |
| #1     | 3.881412 | 9.627073 | .0313624 | -.004066 | .1550465 | .0443716 | 1.339806 |
| #2     | 3.879073 | 9.564402 | .0301781 | -.003416 | .1957750 | .0391237 | 1.337289 |
| #3     | 3.870530 | 9.728913 | .0303285 | -.001210 | .2038424 | .0295603 | 1.329617 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.824557 | 5.679637 | -.107107 | .0053964 | 1.408983 | 1.777443 | .1284998 |
| Stddev | .106011  | .015537  | .001933  | .0003981 | .004835  | .017626  | .0003341 |
| %RSD   | 5.810247 | .2735587 | 1.804977 | 7.377953 | .3431791 | .9916385 | .2599883 |
| #1     | 1.897877 | 5.688174 | -.109021 | .0054995 | 1.406848 | 1.788379 | .1284128 |
| #2     | 1.703006 | 5.661703 | -.105155 | .0049568 | 1.405583 | 1.786841 | .1288688 |
| #3     | 1.872788 | 5.689033 | -.107146 | .0057329 | 1.414518 | 1.757110 | .1282178 |

Sample Name: P5130-15LX5      Acquired: 01/04/2025 3:02:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2074165 | .0552241 | .0120734 |
| Stddev | .0028329 | .0003472 | .0034942 |
| %RSD   | 1.365820 | .6286308 | 28.94153 |
| #1     | .2105640 | .0549143 | .0098406 |
| #2     | .2066142 | .0555993 | .0102794 |
| #3     | .2050712 | .0551588 | .0161003 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1884.076 | 19042.33 | 1850.759 | 1401.599 | 1989.431 |
| Stddev    | 2.447    | 63.87    | 16.318   | 4.852    | 5.558    |
| %RSD      | .1298901 | .3354282 | .8816983 | .3461410 | .2793833 |
| #1        | 1884.667 | 18985.38 | 1840.664 | 1396.881 | 1993.148 |
| #2        | 1886.174 | 19111.39 | 1842.029 | 1401.341 | 1992.103 |
| #3        | 1881.387 | 19030.23 | 1869.585 | 1406.574 | 1983.042 |

Sample Name: P5130-17      Acquired: 01/04/2025 3:06:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2081371 | .0565114 | 4.971901 | .2521171 | .1960040 | 62.58250 |
| Stddev | .0027632 | .0036879 | .001202  | .0040996 | .0035413 | .53691   |
| %RSD   | 1.327591 | 6.525888 | .0241835 | 1.626077 | 1.806734 | .8579178 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2049839 | .0546851 | 4.973265 | .2490040 | .1921083 | 63.18271 |
| #2 | .2092914 | .0607561 | 4.971440 | .2567621 | .1968758 | 62.41684 |
| #3 | .2101360 | .0540931 | 4.970997 | .2505854 | .1990280 | 62.14794 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.632518 | .0907025 | .1119298 | 134.4807 | .5071557 | 1.129426 |
| Stddev | .054074  | .0004651 | .0001562 | 1.1501   | .0012506 | .001144  |
| %RSD   | .8152849 | .5127251 | .1395604 | .8552450 | .2465889 | .1012935 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.694493 | .0911378 | .1118345 | 135.8032 | .5085486 | 1.128268 |
| #2 | 6.594949 | .0902126 | .1118448 | 133.9239 | .5061294 | 1.129456 |
| #3 | 6.608112 | .0907571 | .1121101 | 133.7149 | .5067890 | 1.130555 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9784959 | 227.8052 | 17.10524 | 40.41469 | 1.179042 | .0458825 |
| Stddev | .0113228 | 1.6760   | .13174   | .42446   | .000960  | .0012933 |
| %RSD   | 1.157164 | .7357262 | .7701483 | 1.050251 | .0814402 | 2.818787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9897889 | 229.4835 | 17.24942 | 40.80011 | 1.179275 | .0444186 |
| #2 | .9671435 | 227.8006 | 17.07517 | 40.48418 | 1.177987 | .0463588 |
| #3 | .9785554 | 226.1314 | 16.99115 | 39.95978 | 1.179864 | .0468702 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8293592 | 1.031488 | 6.266160 | 7.236639 | F 27.82137 | -.423658 |
| Stddev | .0134103 | .021105  | .036965  | .032786  | .02917     | .004967  |
| %RSD   | 1.616952 | 2.046067 | .5899084 | .4530492 | .1048568   | 1.172349 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8419317 | 1.055389 | 6.300126 | 7.267438 | 27.79523 | -.421788 |
| #2 | .8152444 | 1.023656 | 6.271564 | 7.202175 | 27.81604 | -.419897 |
| #3 | .8309014 | 1.015419 | 6.226791 | 7.240303 | 27.85284 | -.429288 |

Sample Name: P5130-17      Acquired: 01/04/2025 3:06:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172722 | 7.007776 | 7.367985 | .7085824 | .9118938 | .2324532 |
| Stddev | .0006521 | .013280  | .020540  | .0012002 | .0079494 | .0023236 |
| %RSD   | 3.775329 | .1895074 | .2787784 | .1693869 | .8717474 | .9996164 |
| #1     | .0179732 | 7.006286 | 7.391578 | .7095435 | .9192047 | .2349715 |
| #2     | .0166837 | 6.995304 | 7.354085 | .7089667 | .9034315 | .2319957 |
| #3     | .0171597 | 7.021739 | 7.358292 | .7072371 | .9130452 | .2303923 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0700933 |
| Stddev | .0046283 |
| %RSD   | 6.603051 |
| #1     | .0697189 |
| #2     | .0656635 |
| #3     | .0748974 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2117.816 | 21491.61 | 2107.363 | 1571.207 | 1878.215 |
| Stddev    | 1.785    | 61.95    | 12.269   | 11.238   | .856     |
| %RSD      | .0842705 | .2882699 | .5822141 | .7152661 | .0455822 |
| #1        | 2116.406 | 21420.12 | 2095.228 | 1558.638 | 1877.415 |
| #2        | 2119.823 | 21525.26 | 2119.762 | 1574.695 | 1879.118 |
| #3        | 2117.221 | 21529.46 | 2107.098 | 1580.288 | 1878.110 |

Sample Name: P5335-03DLX4      Acquired: 01/04/2025 3:10:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2906      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0511505 | -.065145 | 1.523845 | .1726575 | .0855670 | 11.50324 | .2607747 |
| Stddev | .0024198 | .000634  | .006169  | .0022961 | .0016878 | .05819   | .0026637 |
| %RSD   | 4.730753 | .9738471 | .4048581 | 1.329887 | 1.972521 | .5058560 | 1.021456 |
| #1     | .0485418 | -.065873 | 1.529344 | .1752598 | .0872903 | 11.44811 | .2590771 |
| #2     | .0515878 | -.064708 | 1.517174 | .1717957 | .0839171 | 11.56407 | .2594022 |
| #3     | .0533218 | -.064855 | 1.525018 | .1709169 | .0854936 | 11.49755 | .2638447 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055444 | .0094824 | 143.1032 | .9567978 | .0527894 | .1040487 | 359.5824 |
| Stddev | .0001581 | .0000307 | .3314    | .0008536 | .0007199 | .0125748 | .4965    |
| %RSD   | 2.850913 | .3231967 | .2315760 | .0892089 | 1.363746 | 12.08552 | .1380725 |
| #1     | .0057139 | .0094569 | 143.1569 | .9573331 | .0530300 | .1110436 | 359.0810 |
| #2     | .0055182 | .0094738 | 142.7483 | .9558135 | .0533583 | .0895317 | 359.5923 |
| #3     | .0054011 | .0095164 | 143.4045 | .9572470 | .0519800 | .1115707 | 360.0738 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.30827 | 24.69108 | .5313828 | -.025655 | .8781089 | .1088488 | 4.172068 |
| Stddev | .03984   | .08367   | .0012429 | .000869  | .0056175 | .0118834 | .015970  |
| %RSD   | .2602357 | .3388626 | .2338889 | 3.388329 | .6397288 | 10.91732 | .3827894 |
| #1     | 15.33874 | 24.59709 | .5318918 | -.025055 | .8718111 | .0953774 | 4.154943 |
| #2     | 15.26319 | 24.75745 | .5299663 | -.025259 | .8826030 | .1178441 | 4.186554 |
| #3     | 15.32289 | 24.71871 | .5322904 | -.026652 | .8799125 | .1133249 | 4.174708 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.204158 | 1.278508 | -.704130 | .0249869 | 1.297241 | 3.983499 | .0321652 |
| Stddev | .086369  | .003379  | .001221  | .0003023 | .006020  | .007017  | .0002821 |
| %RSD   | 7.172547 | .2642556 | .1733679 | 1.209901 | .4640532 | .1761390 | .8770126 |
| #1     | 1.111789 | 1.279900 | -.705023 | .0248328 | 1.304086 | 3.978941 | .0322866 |
| #2     | 1.217775 | 1.274656 | -.704628 | .0247926 | 1.292771 | 3.979975 | .0318427 |
| #3     | 1.282909 | 1.280969 | -.702739 | .0253352 | 1.294865 | 3.991578 | .0323662 |

Sample Name: P5335-03DLX4      Acquired: 01/04/2025 3:10:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2906      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6200799 | -.188989 | .0053225 |
| Stddev | .0049932 | .000939  | .0027238 |
| %RSD   | .8052570 | .4967920 | 51.17478 |
| #1     | .6190092 | -.188406 | .0037247 |
| #2     | .6255217 | -.188489 | .0084676 |
| #3     | .6157089 | -.190072 | .0037753 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1798.288 | 18333.37 | 1802.115 | 1344.755 | 1954.975 |
| Stddev    | .704     | 82.69    | 7.389    | 3.249    | 1.162    |
| %RSD      | .0391550 | .4510382 | .4100032 | .2416187 | .0594583 |
| #1        | 1797.650 | 18239.47 | 1794.577 | 1341.292 | 1954.455 |
| #2        | 1798.171 | 18365.34 | 1809.345 | 1345.236 | 1956.307 |
| #3        | 1799.044 | 18395.31 | 1802.422 | 1347.737 | 1954.164 |



Sample Name: P5335-09DLX4      Acquired: 01/04/2025 3:14:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2912      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0430292 | -.060012 | .2995182 | .1527066 | .0685744 | 14.07522 | .5133216 |
| Stddev | .0027842 | .002436  | .0067999 | .0103785 | .0030501 | .13254   | .0039643 |
| %RSD   | 6.470411 | 4.059146 | 2.270278 | 6.796359 | 4.447883 | .9416501 | .7722918 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0451606 | -.057200 | .2949531 | .1449546 | .0699343 | 13.92975 | .5088341 |
| #2 | .0440478 | -.061476 | .3073333 | .1644973 | .0707080 | 14.10678 | .5163480 |
| #3 | .0398792 | -.061361 | .2962684 | .1486678 | .0650808 | 14.18914 | .5147829 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063182 | .0010454 | 96.50392 | .0685399 | .0459853 | -.004217 | 314.9925 |
| Stddev | .0002768 | .0001660 | .38503   | .0009892 | .0003333 | .003923  | 2.4608   |
| %RSD   | 4.380529 | 15.87839 | .3989751 | 1.443318 | .7248657 | 93.04250 | .7812267 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064761 | .0009991 | 96.06144 | .0691057 | .0463052 | -.000823 | 312.2302 |
| #2 | .0059986 | .0012297 | 96.76262 | .0691163 | .0456400 | -.008513 | 315.7971 |
| #3 | .0064798 | .0009075 | 96.68770 | .0673976 | .0460106 | -.003315 | 316.9504 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.015879 | 30.21548 | .0609771 | -.025968 | .6550798 | .0421484 | .3507102 |
| Stddev | .068213  | .26675   | .0011131 | .001053  | .0148354 | .0079418 | .0022368 |
| %RSD   | .7565866 | .8828097 | 1.825408 | 4.056360 | 2.264663 | 18.84244 | .6377792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.940961 | 29.99746 | .0622623 | -.027130 | .6458866 | .0428638 | .3514014 |
| #2 | 9.032279 | 30.13607 | .0603218 | -.025075 | .6471583 | .0497084 | .3482094 |
| #3 | 9.074397 | 30.51292 | .0603472 | -.025698 | .6721944 | .0338732 | .3525198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.779233 | .7281097 | -.629380 | .0068069 | 1.298241 | 4.370170 | .0124774 |
| Stddev | .292130  | .0023705 | .006721  | .0007462 | .003967  | .027242  | .0023418 |
| %RSD   | 16.41887 | .3255692 | 1.067836 | 10.96205 | .3055897 | .6233555 | 18.76853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.443097 | .7303712 | -.635464 | .0065026 | 1.294989 | 4.387518 | .0140788 |
| #2 | 1.922817 | .7283145 | -.622166 | .0076571 | 1.302661 | 4.338772 | .0097897 |
| #3 | 1.971785 | .7256435 | -.630511 | .0062610 | 1.297073 | 4.384220 | .0135635 |

Sample Name: P5335-09DLX4      Acquired: 01/04/2025 3:14:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2912      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4076217 | -.173172 | .0163993 |
| Stddev | .0033003 | .001404  | .0035982 |
| %RSD   | .8096399 | .8110448 | 21.94126 |
| #1     | .4066555 | -.171550 | .0202397 |
| #2     | .4049124 | -.173978 | .0158522 |
| #3     | .4112973 | -.173988 | .0131059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1839.159 | 18594.66 | 1801.608 | 1369.392 | 1974.356 |
| Stddev    | 3.028    | 33.15    | 8.962    | 2.280    | 1.539    |
| %RSD      | .1646418 | .1782640 | .4974423 | .1665220 | .0779329 |
| #1        | 1842.201 | 18627.05 | 1799.547 | 1371.451 | 1972.863 |
| #2        | 1839.131 | 18560.80 | 1811.421 | 1369.785 | 1974.268 |
| #3        | 1836.145 | 18596.13 | 1793.857 | 1366.941 | 1975.937 |

Sample Name: P5335-11DLX2      Acquired: 01/04/2025 3:17:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2914      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0810742 | -.086043 | 2.048133 | .2412579 | .1121515 | 27.87405 |
| Stddev | .0021206 | .002697  | .004421  | .0054827 | .0015004 | .09275   |
| %RSD   | 2.615614 | 3.134465 | .2158449 | 2.272552 | 1.337817 | .3327441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0814111 | -.088778 | 2.052938 | .2356847 | .1124775 | 27.88559 |
| #2 | .0830061 | -.083385 | 2.047225 | .2466454 | .1134621 | 27.96048 |
| #3 | .0788053 | -.085967 | 2.044237 | .2414437 | .1105149 | 27.77606 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6545266 | .0075127 | .0103284 | 293.4114 | 1.463630 | .0692244 |
| Stddev | .0059468 | .0003835 | .0000987 | 2.6688   | .005916  | .0000420 |
| %RSD   | .9085621 | 5.104630 | .9553279 | .9095591 | .4041681 | .0607409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6569542 | .0076066 | .0103480 | 295.8997 | 1.456808 | .0691919 |
| #2 | .6588755 | .0078405 | .0102214 | 293.7416 | 1.466761 | .0692094 |
| #3 | .6477500 | .0070909 | .0104158 | 290.5930 | 1.467323 | .0692719 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .1663329 | 484.2227 | F 32.67968 | 59.44688 | .5540908 | -.035883 |
| Stddev | .0113011 | 1.8782   | .16809     | .28016   | .0011427 | .001692  |
| %RSD   | 6.794243 | .3878793 | .5143659   | .4712785 | .2062304 | 4.716690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1777287 | 485.6465 | 32.81785 | 59.74860 | .5541313 | -.036488 |
| #2 | .1551290 | 484.9276 | 32.72865 | 59.39710 | .5552127 | -.033971 |
| #3 | .1661409 | 482.0940 | 32.49254 | 59.19495 | .5529284 | -.037189 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.358171 | .2735721 | 3.441295 | 3.846489 | 3.201632 | -.889781 |
| Stddev | .028743  | .0156011 | .030119  | .157114  | .012040  | .008616  |
| %RSD   | 2.116282 | 5.702749 | .8752332 | 4.084619 | .3760522 | .9683826 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.390399 | .2588122 | 3.407964 | 3.931068 | 3.204785 | -.892586 |
| #2 | 1.335192 | .2898966 | 3.449361 | 3.665204 | 3.211781 | -.896645 |
| #3 | 1.348921 | .2720075 | 3.466560 | 3.943195 | 3.188329 | -.880111 |

Sample Name: P5335-11DLX2      Acquired: 01/04/2025 3:17:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2914      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0375388 | 2.926700 | 7.856613 | .0476159 | 1.707736 | -.118781 |
| Stddev | .0004982 | .007892  | .062180  | .0004506 | .017686  | .000555  |
| %RSD   | 1.327293 | .2696673 | .7914395 | .9463362 | 1.035617 | .4672813 |
| #1     | .0370813 | 2.934598 | 7.904213 | .0481001 | 1.726259 | -.118931 |
| #2     | .0374656 | 2.926688 | 7.879366 | .0475390 | 1.705921 | -.118166 |
| #3     | .0380697 | 2.918813 | 7.786262 | .0472088 | 1.691028 | -.119245 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0243705 |
| Stddev | .0023958 |
| %RSD   | 9.830909 |
| #1     | .0266098 |
| #2     | .0218440 |
| #3     | .0246577 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1814.339 | 18473.15 | 1824.670 | 1342.649 | 1919.838 |
| Stddev    | 5.586    | 87.02    | 19.502   | 8.331    | 6.785    |
| %RSD      | .3078786 | .4710788 | 1.068792 | .6205241 | .3533946 |
| #1        | 1820.010 | 18560.81 | 1811.836 | 1352.255 | 1924.267 |
| #2        | 1808.842 | 18386.78 | 1815.062 | 1337.385 | 1912.027 |
| #3        | 1814.165 | 18471.85 | 1847.111 | 1338.307 | 1923.219 |

Sample Name: P5335-12DLX4      Acquired: 01/04/2025 3:21:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2915      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0294383 | -.028772 | .9076991 | .1361480 | .1051522 | 56.89327 |
| Stddev | .0065335 | .003476  | .0083381 | .0076424 | .0072404 | 1.60245  |
| %RSD   | 22.19398 | 12.08005 | .9185959 | 5.613277 | 6.885592 | 2.816587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0242033 | -.026829 | .9061015 | .1273299 | .0978036 | 55.10029 |
| #2 | .0367604 | -.032785 | .9167204 | .1402638 | .1122793 | 58.18567 |
| #3 | .0273512 | -.026703 | .9002754 | .1408504 | .1053738 | 57.39387 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4117365 | .0032446 | .0036069 | 238.2555 | .8210751 | .0483301 |
| Stddev | .0092736 | .0002441 | .0001255 | 5.0460   | .0074559 | .0011871 |
| %RSD   | 2.252321 | 7.524266 | 3.479499 | 2.117896 | .9080700 | 2.456142 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4010323 | .0029647 | .0036396 | 232.4899 | .8126400 | .0484220 |
| #2 | .4173449 | .0033559 | .0037127 | 241.8670 | .8237999 | .0494686 |
| #3 | .4168322 | .0034132 | .0034682 | 240.4095 | .8267853 | .0470998 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .9577514 | 283.4947 | F 33.86068 | 32.30402 | .1916618 | -.018969 |
| Stddev | .0111011 | 7.0248   | .83939     | .68937   | .0031547 | .001843  |
| %RSD   | 1.159081 | 2.477915 | 2.478955   | 2.134020 | 1.645982 | 9.714286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9449980 | 275.4884 | 32.92165 | 31.54420 | .1932869 | -.016911 |
| #2 | .9652452 | 288.6254 | 34.53815 | 32.88946 | .1936726 | -.020466 |
| #3 | .9630109 | 286.3702 | 34.12223 | 32.47841 | .1880258 | -.019530 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8509807 | .2165541 | 1.300246 | 1.469918 | 2.083551 | -.497507 |
| Stddev | .0294972 | .0087094 | .008028  | .116400  | .029304  | .016526  |
| %RSD   | 3.466256 | 4.021832 | .6174378 | 7.918802 | 1.406467 | 3.321716 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8169894 | .2187340 | 1.291114 | 1.589694 | 2.082805 | -.484761 |
| #2 | .8698538 | .2069617 | 1.303428 | 1.462842 | 2.113221 | -.516179 |
| #3 | .8660990 | .2239665 | 1.306195 | 1.357217 | 2.054626 | -.491582 |

Sample Name: P5335-12DLX4      Acquired: 01/04/2025 3:21:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2915      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0171987 | 1.438776 | 5.402372 | .0173812 | 1.329409 | -.048887 |
| Stddev | .0006438 | .019401  | .152867  | .0014320 | .027183  | .000551  |
| %RSD   | 3.743421 | 1.348439 | 2.829619 | 8.238912 | 2.044734 | 1.127103 |
| #1     | .0170554 | 1.429702 | 5.246040 | .0184740 | 1.299198 | -.048365 |
| #2     | .0179021 | 1.461051 | 5.551520 | .0157601 | 1.351887 | -.048835 |
| #3     | .0166386 | 1.425575 | 5.409557 | .0179097 | 1.337144 | -.049463 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0265018 |
| Stddev | .0037507 |
| %RSD   | 14.15281 |
| #1     | .0301092 |
| #2     | .0267736 |
| #3     | .0226225 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1781.397 | 17951.36 | 1776.988 | 1315.737 | 1890.895 |
| Stddev    | 14.434   | 104.90   | 44.354   | 5.881    | 18.792   |
| %RSD      | .8102703 | .5843299 | 2.496045 | .4469643 | .9938029 |
| #1        | 1782.050 | 18071.58 | 1822.499 | 1322.450 | 1889.303 |
| #2        | 1766.648 | 17904.04 | 1733.889 | 1311.490 | 1872.950 |
| #3        | 1795.494 | 17878.46 | 1774.576 | 1313.272 | 1910.433 |

Sample Name: P5335-14DLX2      Acquired: 01/04/2025 3:25:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2917      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0463398 | -.035214 | 1.122684 | .1043558 | .0577068 | 28.87823 | .3120591 |
| Stddev | .0015000 | .010810  | .011804  | .0147255 | .0042972 | 2.56260  | .0288599 |
| %RSD   | 3.236958 | 30.69687 | 1.051432 | 14.11086 | 7.446684 | 8.873828 | 9.248226 |
| #1     | .0447253 | -.023011 | 1.109179 | .0876826 | .0538166 | 25.97555 | .2790063 |
| #2     | .0476903 | -.039045 | 1.131033 | .1155808 | .0569844 | 29.83181 | .3249073 |
| #3     | .0466038 | -.043586 | 1.127839 | .1098041 | .0623195 | 30.82734 | .3322637 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064351 | .0077985 | 205.8177 | .5152118 | .0633325 | .0925861 | 256.4493 |
| Stddev | .0005246 | .0005088 | 17.6970  | .0055390 | .0004847 | .0148434 | 22.4518  |
| %RSD   | 8.151951 | 6.524665 | 8.598374 | 1.075088 | .7652993 | 16.03199 | 8.754868 |
| #1     | .0058331 | .0083229 | 185.4803 | .5189906 | .0627729 | .0773905 | 230.7756 |
| #2     | .0066784 | .0077658 | 214.2618 | .5088535 | .0636049 | .0933177 | 266.1665 |
| #3     | .0067939 | .0073068 | 217.7110 | .5177913 | .0636197 | .1070502 | 272.4057 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.90490 | 68.89400 | .2464297 | -.021291 | .9670077 | .1240557 | 2.507833 |
| Stddev | .93902   | 6.15414  | .0013718 | .004188  | .0605943 | .0053871 | .015891  |
| %RSD   | 8.610981 | 8.932768 | .5566625 | 19.66927 | 6.266163 | 4.342455 | .6336413 |
| #1     | 9.82770  | 61.83918 | .2460596 | -.025612 | .8974475 | .1178647 | 2.517957 |
| #2     | 11.33627 | 71.68273 | .2479486 | -.017250 | .9952527 | .1276747 | 2.489518 |
| #3     | 11.55072 | 73.16008 | .2452810 | -.021012 | 1.008323 | .1266276 | 2.516024 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.842367 | 2.083995 | -.494458 | .0179433 | 2.491035 | 9.489591 | .0205366 |
| Stddev | .337815  | .007132  | .026810  | .0002051 | .006807  | .621763  | .0020276 |
| %RSD   | 11.88498 | .3422392 | 5.422006 | 1.142811 | .2732654 | 6.552052 | 9.872905 |
| #1     | 2.453784 | 2.075775 | -.463999 | .0177121 | 2.485592 | 8.782751 | .0208238 |
| #2     | 3.066179 | 2.087668 | -.504896 | .0180145 | 2.488846 | 9.734054 | .0224052 |
| #3     | 3.007138 | 2.088542 | -.514478 | .0181032 | 2.498667 | 9.951968 | .0183807 |

Sample Name: P5335-14DLX2      Acquired: 01/04/2025 3:25:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2917      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7043416 | .0063801 | .0379759 |
| Stddev | .0583363 | .0004506 | .0034287 |
| %RSD   | 8.282386 | 7.063354 | 9.028773 |
| #1     | .6383351 | .0067449 | .0341093 |
| #2     | .7257051 | .0065189 | .0406464 |
| #3     | .7489845 | .0058763 | .0391720 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1878.343 | 19191.95 | 1933.008 | 1400.760 | 1951.731 |
| Stddev    | 6.358    | 161.23   | 137.268  | 10.871   | 8.044    |
| %RSD      | .3385143 | .8400972 | 7.101273 | .7760557 | .4121568 |
| #1        | 1881.405 | 19208.33 | 2089.629 | 1407.011 | 1954.774 |
| #2        | 1871.033 | 19344.36 | 1875.789 | 1407.062 | 1942.609 |
| #3        | 1882.591 | 19023.15 | 1833.605 | 1388.208 | 1957.809 |



Sample Name: P5335-15DLX2      Acquired: 01/04/2025 3:29:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2918      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0603823 | -.053158 | 1.320887 | .1555782 | .0752549 | 29.03592 | .3686057 |
| Stddev | .0054571 | .006683  | .007813  | .0144067 | .0050415 | 1.69923  | .0207040 |
| %RSD   | 9.037563 | 12.57245 | .5914725 | 9.260093 | 6.699190 | 5.852174 | 5.616851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0643792 | -.047732 | 1.314961 | .1444976 | .0702217 | 27.98717 | .3551776 |
| #2 | .0541650 | -.051119 | 1.317959 | .1503729 | .0752384 | 28.12416 | .3581901 |
| #3 | .0626026 | -.060624 | 1.329741 | .1718641 | .0803046 | 30.99643 | .3924493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060374 | .0085386 | 227.2102 | .6687770 | .0685645 | .1229669 | 327.2068 |
| Stddev | .0002509 | .0003697 | 12.8727  | .0040153 | .0004088 | .0073984 | 19.1869  |
| %RSD   | 4.155537 | 4.330250 | 5.665541 | .6003895 | .5961610 | 6.016602 | 5.863837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059076 | .0087930 | 219.1554 | .6733199 | .0685680 | .1144251 | 315.5837 |
| #2 | .0058780 | .0087085 | 220.4189 | .6673085 | .0681541 | .1273606 | 316.6839 |
| #3 | .0063266 | .0081145 | 242.0564 | .6657028 | .0689716 | .1271150 | 349.3528 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.47587 | 70.59216 | .3281120 | -.021228 | 1.008920 | .1807770 | 2.814996 |
| Stddev | .88374   | 4.24756  | .0013955 | .004205  | .041163  | .0168953 | .018043  |
| %RSD   | 5.710437 | 6.017036 | .4253068 | 19.80885 | 4.079858 | 9.345909 | .6409430 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.92234 | 68.16961 | .3296438 | -.024612 | .978179  | .1633091 | 2.821336 |
| #2 | 15.01021 | 68.11016 | .3277792 | -.022550 | .992897  | .1819874 | 2.829013 |
| #3 | 16.49506 | 75.49669 | .3269131 | -.016520 | 1.055685 | .1970345 | 2.794639 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.215824 | 2.453193 | -.613896 | .0208832 | 2.683903 | 8.085578 | .0250893 |
| Stddev | .464230  | .004445  | .022485  | .0005667 | .007216  | .342755  | .0030566 |
| %RSD   | 14.43579 | .1811766 | 3.662657 | 2.713873 | .2688779 | 4.239096 | 12.18278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.973714 | 2.448590 | -.599928 | .0202529 | 2.691776 | 7.889134 | .0272381 |
| #2 | 2.922699 | 2.453529 | -.601926 | .0210459 | 2.677602 | 7.886245 | .0215901 |
| #3 | 3.751061 | 2.457460 | -.639834 | .0213508 | 2.682333 | 8.481354 | .0264397 |

Sample Name: P5335-15DLX2      Acquired: 01/04/2025 3:29:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2918      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9109566 | -.055746 | .0394594 |
| Stddev | .0546714 | .003817  | .0056761 |
| %RSD   | 6.001533 | 6.847128 | 14.38455 |
| #1     | .8732925 | -.054336 | .0341096 |
| #2     | .8859136 | -.052834 | .0388553 |
| #3     | .9736637 | -.060067 | .0454134 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1857.365 | 18921.30 | 1810.408 | 1383.343 | 1936.891 |
| Stddev    | 9.544    | 98.26    | 84.005   | 9.284    | 6.803    |
| %RSD      | .5138614 | .5192907 | 4.640124 | .6711443 | .3512424 |
| #1        | 1852.081 | 19020.68 | 1866.488 | 1394.012 | 1935.224 |
| #2        | 1868.383 | 18919.00 | 1850.910 | 1377.097 | 1944.373 |
| #3        | 1851.632 | 18824.21 | 1713.825 | 1378.920 | 1931.076 |

Sample Name: P5335-16DLX2      Acquired: 01/04/2025 3:33:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2919      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0638602 | -.059871 | 1.357677 | .1694466 | .0828233 | 35.14781 | .4185436 |
| Stddev | .0071273 | .020353  | .013042  | .0412086 | .0149695 | 5.54473  | .0684508 |
| %RSD   | 11.16082 | 33.99379 | .9606157 | 24.31953 | 18.07399 | 15.77547 | 16.35452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0559800 | -.040247 | 1.343396 | .1234982 | .0695309 | 29.14197 | .3448289 |
| #2 | .0657448 | -.080882 | 1.368957 | .2031309 | .0990387 | 40.07205 | .4801016 |
| #3 | .0698558 | -.058485 | 1.360677 | .1817108 | .0799003 | 36.22941 | .4307004 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059976 | .0110530 | 299.7027 | 1.122055 | .0796754 | .1413232 | 372.3476 |
| Stddev | .0008018 | .0011848 | 45.4084  | .007227  | .0014501 | .0259190 | 58.3838  |
| %RSD   | 13.36833 | 10.71909 | 15.15115 | .6440867 | 1.820060 | 18.34022 | 15.67991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051938 | .0123002 | 250.7335 | 1.128396 | .0812759 | .1172704 | 309.5355 |
| #2 | .0067973 | .0099424 | 340.4181 | 1.114186 | .0784488 | .1687733 | 424.9584 |
| #3 | .0060018 | .0109166 | 307.9566 | 1.123582 | .0793015 | .1379259 | 382.5488 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.85557 | 85.48327 | .4056298 | -.028216 | 1.153010 | .3016059 | 2.982628 |
| Stddev | 3.69349  | 13.34165 | .0007529 | .007715  | .160144  | .0401380 | .026940  |
| %RSD   | 15.48274 | 15.60732 | .1856084 | 27.34250 | 13.88918 | 13.30810 | .9032448 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.87744 | 71.08387 | .4048451 | -.036813 | .982633  | .2595232 | 3.013709 |
| #2 | 27.17608 | 97.42559 | .4056981 | -.021896 | 1.300446 | .3394653 | 2.965945 |
| #3 | 24.51318 | 87.94036 | .4063463 | -.025938 | 1.175950 | .3058293 | 2.968232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.467618 | 3.514851 | -.701262 | .0252777 | 3.001037 | 8.572830 | .0323473 |
| Stddev | 1.086407 | .010564  | .079080  | .0003159 | .002975  | 1.097906 | .0067404 |
| %RSD   | 24.31736 | .3005639 | 11.27675 | 1.249880 | .0991165 | 12.80681 | 20.83751 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.372017 | 3.518116 | -.615057 | .0255705 | 2.998620 | 7.399872 | .0258386 |
| #2 | 5.544592 | 3.503040 | -.770444 | .0249429 | 3.000132 | 9.575873 | .0392977 |
| #3 | 4.486246 | 3.523398 | -.718285 | .0253197 | 3.004359 | 8.742744 | .0319058 |

Sample Name: P5335-16DLX2      Acquired: 01/04/2025 3:33:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2919      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.506029 | -.005542 | .0500022 |
| Stddev | .237843  | .001554  | .0075595 |
| %RSD   | 15.79273 | 28.04375 | 15.11828 |
| #1     | 1.251168 | -.003965 | .0417001 |
| #2     | 1.722080 | -.007072 | .0564882 |
| #3     | 1.544839 | -.005587 | .0518184 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1839.067 | 18941.32 | 1900.423 | 1379.677 | 1898.275 |
| Stddev    | 7.794    | 61.62    | 260.305  | 7.990    | 5.869    |
| %RSD      | .4238102 | .3253053 | 13.69721 | .5791192 | .3091663 |
| #1        | 1839.647 | 19012.45 | 2186.340 | 1385.951 | 1899.395 |
| #2        | 1846.554 | 18907.35 | 1677.170 | 1370.682 | 1903.504 |
| #3        | 1830.998 | 18904.17 | 1837.760 | 1382.398 | 1891.928 |

Sample Name: P5335-17DLX2      Acquired: 01/04/2025 3:36:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0999725 | -.122776 | 2.481659 | .3150252 | .1388482 | 38.16034 |
| Stddev | .0073894 | .010290  | .004402  | .0125035 | .0047210 | .50764   |
| %RSD   | 7.391397 | 8.381250 | .1773993 | 3.969041 | 3.400092 | 1.330290 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0922799 | -.112131 | 2.477094 | .3008831 | .1334563 | 37.59470 |
| #2 | .1006217 | -.123527 | 2.482005 | .3195788 | .1408495 | 38.30999 |
| #3 | .1070158 | -.132670 | 2.485879 | .3246138 | .1422390 | 38.57634 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4774888 | .0099619 | .0162983 | 297.1733 | 1.675251 | .0807917 |
| Stddev | .0089186 | .0001405 | .0002274 | 4.8631   | .002251  | .0002643 |
| %RSD   | 1.867802 | 1.410026 | 1.395396 | 1.636447 | .1343909 | .3271163 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4677624 | .0098594 | .0165498 | 291.6117 | 1.673010 | .0810815 |
| #2 | .4794215 | .0101220 | .0162378 | 299.2823 | 1.677513 | .0807295 |
| #3 | .4852826 | .0099043 | .0161072 | 300.6258 | 1.675231 | .0805640 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .1969831 | 623.9216 | F 34.51050 | 63.07430 | .6136301 | -.049081 |
| Stddev | .0048252 | 10.9078  | .57307     | 1.12392  | .0023478 | .000552  |
| %RSD   | 2.449555 | 1.748262 | 1.660569   | 1.781904 | .3826014 | 1.125600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1933859 | 611.4053 | 33.85144 | 61.79174 | .6121361 | -.049713 |
| #2 | .1950968 | 628.9605 | 34.78867 | 63.54391 | .6124179 | -.048845 |
| #3 | .2024665 | 631.3990 | 34.89139 | 63.88726 | .6163361 | -.048686 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.621370 | .4118302 | 6.036926 | 3.428283 | 3.808551 | F -1.20327 |
| Stddev | .010227  | .0195073 | .017600  | .102268  | .010806  | .01268     |
| %RSD   | .6307842 | 4.736726 | .2915396 | 2.983068 | .2837364 | 1.053923   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.619896 | .4010592 | 6.053096 | 3.343051 | 3.796106 | -1.21587 |
| #2 | 1.632254 | .4343482 | 6.018180 | 3.541683 | 3.815558 | -1.20342 |
| #3 | 1.611960 | .4000831 | 6.039502 | 3.400115 | 3.813990 | -1.19051 |

Sample Name: P5335-17DLX2      Acquired: 01/04/2025 3:36:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0310466 | 2.850400 | 9.236742 | .0609651 | 1.828098 | -.211141 |
| Stddev | .0009781 | .012733  | .048189  | .0017899 | .029064  | .003357  |
| %RSD   | 3.150270 | .4467256 | .5217089 | 2.935973 | 1.589856 | 1.589912 |
| #1     | .0311986 | 2.836630 | 9.181957 | .0593740 | 1.794918 | -.207273 |
| #2     | .0300015 | 2.861749 | 9.272566 | .0606182 | 1.840329 | -.213298 |
| #3     | .0319398 | 2.852819 | 9.255704 | .0629031 | 1.849048 | -.212851 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0485107 |
| Stddev | .0062748 |
| %RSD   | 12.93489 |
| #1     | .0439188 |
| #2     | .0556604 |
| #3     | .0459529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1817.143 | 18479.39 | 1834.838 | 1347.319 | 1920.404 |
| Stddev    | 6.986    | 23.91    | 10.108   | 2.560    | 6.738    |
| %RSD      | .3844682 | .1293900 | .5508756 | .1899824 | .3508513 |
| #1        | 1822.140 | 18494.05 | 1846.021 | 1344.756 | 1925.924 |
| #2        | 1820.129 | 18451.80 | 1826.353 | 1347.325 | 1922.393 |
| #3        | 1809.160 | 18492.32 | 1832.140 | 1349.875 | 1912.896 |

Sample Name: P5131-01      Acquired: 01/04/2025 3:40:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2408131 | -.030998 | 5.308404 | .1190933 | .0475254   | 65.42351 |
| Stddev | .0098451 | .000955  | .002385  | .0024739 | .0035406   | .79699   |
| %RSD   | 4.088291 | 3.080402 | .0449352 | 2.077241 | 7.449853   | 1.218207 |
| #1     | .2486667 | -.031199 | 5.305661 | .1212065 | .0435367   | 64.83408 |
| #2     | .2297682 | -.029958 | 5.309992 | .1163722 | .0487429   | 65.10615 |
| #3     | .2440043 | -.031836 | 5.309560 | .1197013 | .0502965   | 66.33029 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.689865 | .0070290 | .0093098 | 151.8223 | .1374880   | .1351903 |
| Stddev | .015700  | .0000470 | .0000799 | 1.1690   | .0013814   | .0004579 |
| %RSD   | .9290412 | .6692034 | .8577489 | .7699495 | 1.004738   | .3387444 |
| #1     | 1.672095 | .0070578 | .0092820 | 150.5759 | .1390563   | .1346687 |
| #2     | 1.695642 | .0069747 | .0093999 | 151.9969 | .1369561   | .1353757 |
| #3     | 1.701857 | .0070545 | .0092476 | 152.8941 | .1364517   | .1355265 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8156700 | 227.3723 | 14.58658 | 22.24753 | .1740595   | -.011806 |
| Stddev | .0117925 | 2.7776   | .18236   | .28187   | .0007974   | .001461  |
| %RSD   | 1.445739 | 1.221609 | 1.250163 | 1.266989 | .4580991   | 12.37707 |
| #1     | .8151616 | 224.7240 | 14.41312 | 22.02139 | .1737874   | -.010334 |
| #2     | .8041400 | 227.1297 | 14.56995 | 22.15788 | .1734338   | -.011828 |
| #3     | .8277085 | 230.2633 | 14.77669 | 22.56333 | .1749573   | -.013257 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.756216 | .1912997 | 2.983907 | 8.982447 | F 14.81850 | -.423413 |
| Stddev | .023169  | .0050117 | .019040  | .232519  | .02687     | .001855  |
| %RSD   | 1.319253 | 2.619828 | .6380764 | 2.588592 | .1813001   | .4380017 |
| #1     | 1.730086 | .1931638 | 2.985827 | 8.816822 | 14.84708   | -.424198 |
| #2     | 1.764312 | .1951122 | 3.001914 | 8.882253 | 14.81466   | -.424746 |
| #3     | 1.774251 | .1856230 | 2.963981 | 9.248266 | 14.79376   | -.421295 |

Sample Name: P5131-01      Acquired: 01/04/2025 3:40:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0185524 | 2.793757 | 10.10116 | .2640416 | .7019110 | .2151542 |
| Stddev | .0009829 | .017384  | .09932   | .0034374 | .0109028 | .0023212 |
| %RSD   | 5.297914 | .6222372 | .9832577 | 1.301834 | 1.553305 | 1.078834 |
| #1     | .0196863 | 2.812378 | 9.98717  | .2679391 | .6957005 | .2141646 |
| #2     | .0180279 | 2.790940 | 10.14721 | .2627431 | .6955324 | .2134918 |
| #3     | .0179430 | 2.777954 | 10.16909 | .2614426 | .7145001 | .2178061 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0901065 |
| Stddev | .0024299 |
| %RSD   | 2.696674 |
| #1     | .0927796 |
| #2     | .0880314 |
| #3     | .0895086 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2120.762 | 21322.84 | 2098.221 | 1574.831 | 1938.704 |
| Stddev    | 3.503    | 115.09   | 22.896   | 1.840    | 5.174    |
| %RSD      | .1651564 | .5397606 | 1.091206 | .1168206 | .2668947 |
| #1        | 2118.519 | 21298.36 | 2121.540 | 1576.660 | 1937.281 |
| #2        | 2118.970 | 21448.21 | 2097.350 | 1574.850 | 1934.390 |
| #3        | 2124.798 | 21221.96 | 2075.773 | 1572.981 | 1944.441 |



Sample Name: P5131-02      Acquired: 01/04/2025 3:44:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2947579 | -.023187 | 3.319205 | .1257583 | .0461194 | 91.07334 |
| Stddev | .0022561 | .003385  | .004089  | .0016420 | .0023646 | .23181   |
| %RSD   | .7654002 | 14.59716 | .1231813 | 1.305699 | 5.127119 | .2545277 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2959144 | -.020271 | 3.321376 | .1273442 | .0468467 | 91.34056 |
| #2 | .2921581 | -.026898 | 3.314489 | .1258654 | .0434766 | 90.92638 |
| #3 | .2962012 | -.022391 | 3.321751 | .1240654 | .0480350 | 90.95307 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.605551 | .0079696 | .0077116 | 89.39734 | .1410160 | .1787872 |
| Stddev | .009465  | .0000514 | .0001912 | .24182   | .0006072 | .0001786 |
| %RSD   | .5894879 | .6454924 | 2.478666 | .2705021 | .4305923 | .0998785 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.611766 | .0080268 | .0078866 | 89.58412 | .1406742 | .1787185 |
| #2 | 1.610227 | .0079270 | .0077407 | 89.48371 | .1406567 | .1786532 |
| #3 | 1.594658 | .0079552 | .0075076 | 89.12420 | .1417171 | .1789899 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4286851 | 225.3651 | 24.99837 | 26.99734 | .2046407 | -.012857 |
| Stddev | .0021150 | .8125    | .08595   | .11492   | .0000905 | .000222  |
| %RSD   | .4933799 | .3605474 | .3438414 | .4256720 | .0442411 | 1.728918 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4280978 | 226.1218 | 25.07679 | 26.91052 | .2047300 | -.012895 |
| #2 | .4269259 | 225.4671 | 25.01183 | 27.12766 | .2045490 | -.012618 |
| #3 | .4310318 | 224.5063 | 24.90647 | 26.95383 | .2046430 | -.013057 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6126281 | .2225232 | 1.261317 | 10.54619 | F 12.91136 | -.425971 |
| Stddev | .0149389 | .0171006 | .003545  | .16328   | .01233     | .004831  |
| %RSD   | 2.438499 | 7.684846 | .2810723 | 1.548206 | .0954796   | 1.134201 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6272982 | .2345811 | 1.262675 | 10.73454 | 12.91936 | -.431535 |
| #2 | .6131520 | .2029523 | 1.263982 | 10.45928 | 12.89716 | -.422845 |
| #3 | .5974341 | .2300363 | 1.257293 | 10.44474 | 12.91755 | -.423531 |

Sample Name: P5131-02      Acquired: 01/04/2025 3:44:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0176737 | 2.057971 | 10.36284 | .1969018 | .6636961 | .1173011 |
| Stddev | .0000492 | .004490  | .07860   | .0006715 | .0010483 | .0003098 |
| %RSD   | .2786023 | .2181760 | .7585224 | .3410155 | .1579487 | .2641288 |
| #1     | .0176888 | 2.054411 | 10.45361 | .1970380 | .6629407 | .1176285 |
| #2     | .0177136 | 2.056488 | 10.31754 | .1974948 | .6648929 | .1172624 |
| #3     | .0176187 | 2.063015 | 10.31738 | .1961728 | .6632547 | .1170125 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0971779 |
| Stddev | .0019311 |
| %RSD   | 1.987183 |
| #1     | .0979542 |
| #2     | .0949794 |
| #3     | .0986000 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2339.940 | 23578.61 | 2288.762 | 1736.819 | 1946.769 |
| Stddev    | 4.567    | 77.16    | 19.740   | 3.532    | 3.706    |
| %RSD      | .1951890 | .3272617 | .8624838 | .2033690 | .1903657 |
| #1        | 2335.434 | 23538.25 | 2266.455 | 1732.919 | 1943.456 |
| #2        | 2344.566 | 23667.58 | 2303.976 | 1739.804 | 1950.771 |
| #3        | 2339.821 | 23529.99 | 2295.853 | 1737.734 | 1946.080 |

Sample Name: P5131-03      Acquired: 01/04/2025 3:48:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1542235 | -.028300 | 2.591016 | .1052652 | .0483753   | 83.01204 |
| Stddev | .0049705 | .002867  | .006599  | .0087817 | .0041042   | 4.02889  |
| %RSD   | 3.222914 | 10.13208 | .2547040 | 8.342426 | 8.484088   | 4.853375 |
| #1     | .1597672 | -.026935 | 2.584027 | .0958411 | .0439291   | 79.83960 |
| #2     | .1527385 | -.026371 | 2.591881 | .1132188 | .0520190   | 87.54506 |
| #3     | .1501647 | -.031595 | 2.597141 | .1067357 | .0491779   | 81.65147 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.581332 | .0084722 | .0120754 | 157.5047 | .1896834   | .1487110 |
| Stddev | .077479  | .0004270 | .0002197 | 7.7051   | .0009174   | .0004592 |
| %RSD   | 4.899616 | 5.040072 | 1.819715 | 4.892007 | .4836612   | .3087863 |
| #1     | 1.523525 | .0080006 | .0121482 | 151.8276 | .1887439   | .1481813 |
| #2     | 1.669369 | .0088325 | .0118285 | 166.2760 | .1905771   | .1489555 |
| #3     | 1.551103 | .0085834 | .0122495 | 154.4107 | .1897293   | .1489962 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5345543 | 219.4828 | 13.91561 | 75.15079 | .2522267   | -.014777 |
| Stddev | .0283528 | 10.9463  | .67505   | 3.46687  | .0014697   | .002154  |
| %RSD   | 5.304009 | 4.987317 | 4.850996 | 4.613212 | .5826710   | 14.57415 |
| #1     | .5170126 | 211.3273 | 13.41221 | 72.38827 | .2529513   | -.016028 |
| #2     | .5672646 | 231.9234 | 14.68270 | 79.04114 | .2531933   | -.012290 |
| #3     | .5193855 | 215.1976 | 13.65193 | 74.02297 | .2505354   | -.016012 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9488308 | .2451321 | 2.686061 | 13.16689 | F 14.56980 | -.382171 |
| Stddev | .0379920 | .0176950 | .007278  | .78545   | .02639     | .011538  |
| %RSD   | 4.004087 | 7.218555 | .2709628 | 5.965370 | .1811279   | 3.019026 |
| #1     | .9127477 | .2302306 | 2.694223 | 12.66653 | 14.58812   | -.370474 |
| #2     | .9884802 | .2646895 | 2.680247 | 14.07218 | 14.53955   | -.393543 |
| #3     | .9452646 | .2404761 | 2.683712 | 12.76196 | 14.58174   | -.382496 |

Sample Name: P5131-03      Acquired: 01/04/2025 3:48:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156165 | 7.145602 | 10.45426 | .1976985 | 1.257919 | .1184497 |
| Stddev | .0005761 | .027632  | .37965   | .0036272 | .061080  | .0066250 |
| %RSD   | 3.689158 | .3867003 | 3.631556 | 1.834713 | 4.855676 | 5.593100 |
| #1     | .0149906 | 7.141555 | 10.08473 | .1935501 | 1.208906 | .1135082 |
| #2     | .0161247 | 7.120216 | 10.84329 | .2002721 | 1.326347 | .1259778 |
| #3     | .0157340 | 7.175034 | 10.43476 | .1992733 | 1.238503 | .1158630 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1039420 |
| Stddev | .0063378 |
| %RSD   | 6.097439 |
| #1     | .0973540 |
| #2     | .1099958 |
| #3     | .1044764 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2101.459 | 21255.82 | 2021.055 | 1565.549 | 1907.825 |
| Stddev    | 1.190    | 168.32   | 75.715   | 9.297    | .479     |
| %RSD      | .0566208 | .7918906 | 3.746323 | .5938590 | .0251047 |
| #1        | 2100.453 | 21311.63 | 2090.010 | 1557.767 | 1907.333 |
| #2        | 2101.153 | 21066.68 | 1940.029 | 1563.036 | 1908.290 |
| #3        | 2102.773 | 21389.14 | 2033.126 | 1575.845 | 1907.852 |

Sample Name: CCV110      Acquired: 01/04/2025 3:52:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV110      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.921814 | 4.903759 | 25.01579 | 4.901091 | 4.968084 | 415.7027 | 10.10545 |
| Stddev | .008579  | .023278  | .07738   | .009687  | .006319  | .8456    | .01223   |
| %RSD   | .1743035 | .4746952 | .3093392 | .1976525 | .1271892 | .2034088 | .1210371 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.914048 | 4.910979 | 24.99919 | 4.910523 | 4.961759 | 414.9248 | 10.09517 |
| #2 | 4.920372 | 4.877727 | 24.94806 | 4.891167 | 4.968097 | 415.5807 | 10.11898 |
| #3 | 4.931023 | 4.922572 | 25.10013 | 4.901582 | 4.974396 | 416.6027 | 10.10218 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5239597 | 2.514211 | 410.5554 | 15.80561 | 2.550607 | 15.50577 | 421.4443 |
| Stddev | .0022031 | .007471  | .5601    | .02846   | .008167  | .02263   | .8860    |
| %RSD   | .4204627 | .2971648 | .1364203 | .1800552 | .3202090 | .1459284 | .2102216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5263908 | 2.513575 | 409.9853 | 15.81746 | 2.550857 | 15.50363 | 420.7501 |
| #2 | .5233931 | 2.507077 | 411.1049 | 15.77314 | 2.542317 | 15.48429 | 421.1406 |
| #3 | .5220953 | 2.521979 | 410.5759 | 15.82624 | 2.558646 | 15.52939 | 422.4422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.55265 | 421.3141 | 2.532243 | 1.249971 | 435.3089 | 2.636129 | 15.07646 |
| Stddev | .03581   | 1.2107   | .007657  | .001305  | 3.4215   | .024366  | .05591   |
| %RSD   | .2302206 | .2873567 | .3023832 | .1044081 | .7859998 | .9243146 | .3708282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.52767 | 420.4997 | 2.532987 | 1.248525 | 438.8332 | 2.619295 | 15.04205 |
| #2 | 15.53661 | 420.7373 | 2.524241 | 1.251060 | 432.0004 | 2.625023 | 15.04636 |
| #3 | 15.59367 | 422.7053 | 2.539500 | 1.250328 | 435.0931 | 2.664070 | 15.14097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.3754 | 5.066172 | 4.631264 | 4.959729 | 4.976188 | 5.185021 | 5.063119 |
| Stddev | .6647    | .002892  | .008267  | .009129  | .022338  | .026803  | .015409  |
| %RSD   | .4362221 | .0570785 | .1785008 | .1840607 | .4489021 | .5169279 | .3043462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.8206 | 5.066595 | 4.640725 | 4.961258 | 4.972511 | 5.215959 | 5.063483 |
| #2 | 153.1121 | 5.063091 | 4.627633 | 4.949931 | 4.955917 | 5.170280 | 5.047531 |
| #3 | 152.1934 | 5.068828 | 4.625434 | 4.967996 | 5.000137 | 5.168824 | 5.078343 |

Sample Name: CCV110      Acquired: 01/04/2025 3:52:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV110      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.179369 | 4.908212 | 4.810596 |
| Stddev | .016292  | .012298  | .008834  |
| %RSD   | .3145622 | .2505594 | .1836376 |
| #1     | 5.161794 | 4.894108 | 4.800396 |
| #2     | 5.182343 | 4.913831 | 4.815583 |
| #3     | 5.193969 | 4.916696 | 4.815808 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1500.747 | 16189.88 | 1637.212 | 1109.788 | 1613.815 |
| Stddev    | 2.341    | 22.50    | 7.503    | 4.872    | 1.956    |
| %RSD      | .1560217 | .1389808 | .4582957 | .4389793 | .1211846 |
| #1        | 1498.229 | 16188.01 | 1628.610 | 1111.820 | 1613.098 |
| #2        | 1502.859 | 16213.25 | 1640.617 | 1113.315 | 1616.027 |
| #3        | 1501.152 | 16168.36 | 1642.409 | 1104.229 | 1612.318 |

Sample Name: CCB110      Acquired: 01/04/2025 3:55:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB110      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060869 | .0018781 | -.001065 | .0026160 | .0001805 | .0275441 | .0022225 |
| Stddev | .0078285 | .0032854 | .003003  | .0029544 | .0043102 | .0455583 | .0035664 |
| %RSD   | 128.6119 | 174.9295 | 281.9952 | 112.9358 | 2388.611 | 165.4012 | 160.4682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080171 | .0055143 | .001917  | .0035280 | -.003873 | .0686751 | .0021620 |
| #2 | .0127698 | -.000876 | -.004088 | -.000687 | -.000294 | .0353819 | -.001313 |
| #3 | -.002526 | .000996  | -.001024 | .005007  | .004708  | -.021425 | .005819  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000137 | -.000045 | -.077296 | -.000587 | .0000127 | -.004732 | .0408006 |
| Stddev | .000206  | .000112  | .040332  | .000393  | .0001585 | .018764  | .0380035 |
| %RSD   | 150.8000 | 252.3405 | 52.17843 | 66.95374 | 1244.943 | 396.5503 | 93.14456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000131 | -.000005 | -.116970 | -.000279 | .0001666 | .005981  | .0702841 |
| #2 | -.000346 | -.000171 | -.036337 | -.000452 | -.000150 | -.026398 | -.002089 |
| #3 | .000066  | .000043  | -.078581 | -.001029 | .000022  | .006222  | .054207  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047045 | -.201892 | -.000409 | .0006306 | .1447679 | -.001195 | .0017541 |
| Stddev | .0010987 | .039828  | .000508  | .0030680 | .0212042 | .004272  | .0004958 |
| %RSD   | 23.35479 | 19.72729 | 124.3194 | 486.5461 | 14.64701 | 357.4660 | 28.26324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038976 | -.238419 | .000038  | -.000602 | .1361823 | -.005171 | .0020455 |
| #2 | .0042601 | -.159430 | -.000303 | -.001630 | .1292029 | -.001737 | .0011817 |
| #3 | .0059559 | -.207828 | -.000962 | .004123  | .1689185 | .003322  | .0020352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1878055 | -.000586 | .0069209 | .0000226 | -.008221 | -.002171 | .0014285 |
| Stddev | .0764944 | .002831  | .0002700 | .0006196 | .005417  | .000865  | .0001035 |
| %RSD   | 40.73063 | 483.0887 | 3.901636 | 2746.226 | 65.88634 | 39.81978 | 7.247238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2610644 | .002089  | .0068088 | .0006266 | -.011919 | -.002743 | .0015314 |
| #2 | .1084415 | -.003551 | .0067249 | -.000611 | -.010741 | -.001177 | .0014297 |
| #3 | .1939105 | -.000296 | .0072289 | .000053  | -.002004 | -.002594 | .0013244 |

Sample Name: CCB110      Acquired: 01/04/2025 3:55:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB110      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004749 | -.000086 | -.002749 |
| Stddev | .007484  | .000096  | .007105  |
| %RSD   | 157.5904 | 111.8620 | 258.3966 |
| #1     | -.007304 | -.000086 | .000756  |
| #2     | .003678  | .000010  | .001921  |
| #3     | -.010622 | -.000181 | -.010925 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1831.339 | 18376.56 | 1766.699 | 1357.140 | 2022.961 |
| Stddev    | 2.846    | 76.94    | 4.755    | 7.167    | 4.097    |
| %RSD      | .1554016 | .4186774 | .2691345 | .5281299 | .2025075 |
| #1        | 1829.050 | 18390.68 | 1761.691 | 1357.720 | 2020.564 |
| #2        | 1830.443 | 18445.45 | 1771.152 | 1364.000 | 2020.628 |
| #3        | 1834.525 | 18293.53 | 1767.254 | 1349.700 | 2027.691 |



Sample Name: P5131-04      Acquired: 01/04/2025 3:59:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1637058 | -.037031 | 3.049099 | .1207320 | .0561542 | 78.14886 |
| Stddev | .0044956 | .004263  | .008581  | .0046880 | .0040037 | .54741   |
| %RSD   | 2.746159 | 11.51182 | .2814297 | 3.882966 | 7.129843 | .7004765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1668721 | -.038506 | 3.054478 | .1169148 | .0517172 | 77.91039 |
| #2 | .1585602 | -.040361 | 3.039203 | .1193166 | .0594971 | 77.76113 |
| #3 | .1656853 | -.032227 | 3.053615 | .1259646 | .0572484 | 78.77506 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.835427 | .0082575 | .0149490 | 118.9844 | .1821613 | .1466374 |
| Stddev | .005278  | .0000798 | .0001335 | .3947    | .0003767 | .0002355 |
| %RSD   | .2875418 | .9660076 | .8932979 | .3317407 | .2068128 | .1605968 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.833751 | .0082685 | .0150983 | 118.5290 | .1818858 | .1466310 |
| #2 | 1.841339 | .0081729 | .0148410 | 119.1967 | .1820075 | .1464051 |
| #3 | 1.831190 | .0083313 | .0149076 | 119.2276 | .1825906 | .1468760 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5502540 | 245.2338 | 14.34632 | 55.55704 | .2648877 | -.018570 |
| Stddev | .0181543 | 1.5875   | .04744   | .18910   | .0007311 | .000340  |
| %RSD   | 3.299262 | .6473524 | .3306460 | .3403793 | .2760194 | 1.833157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5491599 | 244.3102 | 14.31485 | 55.47756 | .2642546 | -.018298 |
| #2 | .5326715 | 244.3243 | 14.32324 | 55.42065 | .2656880 | -.018461 |
| #3 | .5689307 | 247.0669 | 14.40088 | 55.77291 | .2647206 | -.018952 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9516377 | .2095378 | 2.991294 | 9.673024 | F 14.27862 | -.454469 |
| Stddev | .0179972 | .0036638 | .002527  | .178705  | .00458     | .005967  |
| %RSD   | 1.891184 | 1.748523 | .0844832 | 1.847458 | .0320709   | 1.312900 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9724165 | .2081149 | 2.993601 | 9.803933 | 14.28195 | -.459682 |
| #2 | .9409627 | .2136996 | 2.988593 | 9.745708 | 14.27340 | -.447961 |
| #3 | .9415339 | .2067989 | 2.991689 | 9.469429 | 14.28050 | -.455763 |

Sample Name: P5131-04      Acquired: 01/04/2025 3:59:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0179249 | 3.718978 | 10.95391 | .1896765 | 1.041100 | .0617669 |
| Stddev | .0008751 | .004664  | .06415   | .0018050 | .013061  | .0004325 |
| %RSD   | 4.882051 | .1254010 | .5856429 | .9516244 | 1.254515 | .7002531 |
| #1     | .0183655 | 3.713746 | 11.00088 | .1904094 | 1.031171 | .0621573 |
| #2     | .0169171 | 3.720487 | 10.88082 | .1909998 | 1.036233 | .0618413 |
| #3     | .0184922 | 3.722700 | 10.98002 | .1876203 | 1.055895 | .0613020 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0998097 |
| Stddev | .0019196 |
| %RSD   | 1.923266 |
| #1     | .0979969 |
| #2     | .0996115 |
| #3     | .1018207 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2101.840 | 21074.92 | 2071.032 | 1545.314 | 1898.112 |
| Stddev    | .323     | 43.41    | 9.355    | 5.331    | 1.772    |
| %RSD      | .0153738 | .2059691 | .4516892 | .3449718 | .0933436 |
| #1        | 2101.716 | 21087.41 | 2061.352 | 1543.543 | 1900.152 |
| #2        | 2102.207 | 21026.63 | 2080.023 | 1541.093 | 1896.966 |
| #3        | 2101.598 | 21110.71 | 2071.719 | 1551.305 | 1897.216 |

Sample Name: P5131-05      Acquired: 01/04/2025 4:03:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2035547 | -.027517 | 4.464058 | .1110246 | .0555163 | 67.84875 |
| Stddev | .0020783 | .001449  | .008281  | .0042424 | .0016189 | .29988   |
| %RSD   | 1.021017 | 5.266002 | .1854980 | 3.821109 | 2.916020 | .4419806 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2032192 | -.028401 | 4.473539 | .1095997 | .0539470 | 68.06023 |
| #2 | .2016645 | -.028306 | 4.460391 | .1157960 | .0554213 | 67.98047 |
| #3 | .2057804 | -.025845 | 4.458244 | .1076781 | .0571806 | 67.50556 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.503012 | .0079053 | .0254197 | 246.5167 | .2386777 | .1490822 |
| Stddev | .014086  | .0001211 | .0000596 | .8591    | .0005702 | .0003504 |
| %RSD   | .5627750 | 1.532091 | .2345961 | .3485059 | .2389026 | .2350296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.501474 | .0077753 | .0253614 | 246.7369 | .2384522 | .1490845 |
| #2 | 2.517805 | .0080150 | .0254806 | 247.2443 | .2382548 | .1487307 |
| #3 | 2.489758 | .0079257 | .0254171 | 245.5689 | .2393262 | .1494315 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8787751 | 235.6794 | 15.66793 | 51.62650 | .3967722 | -.014284 |
| Stddev | .0057911 | .9587    | .09037   | .24296   | .0011481 | .000386  |
| %RSD   | .6589962 | .4067731 | .5767588 | .4706192 | .2893712 | 2.699348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8721218 | 236.1400 | 15.75202 | 51.90382 | .3980962 | -.014615 |
| #2 | .8815215 | 236.3208 | 15.67940 | 51.52464 | .3961704 | -.013861 |
| #3 | .8826821 | 234.5773 | 15.57238 | 51.45105 | .3960501 | -.014377 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.399927 | .2049255 | 6.375039 | 8.062366 | F 18.89167 | -.422715 |
| Stddev | .014093  | .0040446 | .008526  | .185944  | .06885     | .003168  |
| %RSD   | 1.006672 | 1.973678 | .1337331 | 2.306325 | .3644257   | .7494831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.398545 | .2044843 | 6.365887 | 7.891728 | 18.94964 | -.421233 |
| #2 | 1.414659 | .2011197 | 6.382756 | 8.034825 | 18.90980 | -.426352 |
| #3 | 1.386576 | .2091726 | 6.376474 | 8.260545 | 18.81557 | -.420559 |

Sample Name: P5131-05      Acquired: 01/04/2025 4:03:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253355 | 3.838135 | 10.50528 | .2635312 | .9566365 | .3927316 |
| Stddev | .0001959 | .010803  | .03186   | .0007425 | .0037340 | .0020704 |
| %RSD   | .7731267 | .2814775 | .3033181 | .2817458 | .3903264 | .5271881 |
| #1     | .0255367 | 3.850599 | 10.48574 | .2636187 | .9605135 | .3944898 |
| #2     | .0251454 | 3.831449 | 10.54205 | .2627488 | .9563318 | .3932554 |
| #3     | .0253245 | 3.832357 | 10.48805 | .2642261 | .9530642 | .3904495 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0890854 |
| Stddev | .0017938 |
| %RSD   | 2.013556 |
| #1     | .0870155 |
| #2     | .0900555 |
| #3     | .0901853 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2120.254 | 21430.66 | 2109.368 | 1570.102 | 1903.572 |
| Stddev    | 8.175    | 55.28    | 8.517    | 5.827    | 7.732    |
| %RSD      | .3855436 | .2579305 | .4037617 | .3711470 | .4061965 |
| #1        | 2110.915 | 21373.90 | 2107.742 | 1565.046 | 1895.529 |
| #2        | 2123.741 | 21433.74 | 2101.781 | 1568.784 | 1904.239 |
| #3        | 2126.108 | 21484.33 | 2118.580 | 1576.475 | 1910.950 |

Sample Name: P5131-06      Acquired: 01/04/2025 4:07:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1635142 | -.013863 | 2.959815 | .0779659 | .0356312 | 62.33773 |
| Stddev | .0036382 | .003466  | .005996  | .0034827 | .0049394 | .18758   |
| %RSD   | 2.225009 | 24.99818 | .2025639 | 4.466915 | 13.86245 | .3009039 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1669548 | -.012676 | 2.956929 | .0739501 | .0408989 | 62.12204 |
| #2 | .1597063 | -.017767 | 2.955808 | .0801578 | .0311037 | 62.42851 |
| #3 | .1638813 | -.011147 | 2.966708 | .0797899 | .0348910 | 62.46265 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.837125 | .0067416 | .0135979 | 129.4492 | .1450374 | .1263213 |
| Stddev | .002854  | .0002040 | .0000575 | .3551    | .0008038 | .0002772 |
| %RSD   | .1553347 | 3.025598 | .4227435 | .2743195 | .5541736 | .2194314 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.834894 | .0065071 | .0135446 | 129.0512 | .1445848 | .1264855 |
| #2 | 1.840341 | .0068391 | .0136588 | 129.7337 | .1459654 | .1260012 |
| #3 | 1.836141 | .0068785 | .0135901 | 129.5626 | .1445619 | .1264770 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5124400 | 162.8950 | 15.31317 | 29.51393 | .2337620 | -.008114 |
| Stddev | .0074788 | .6113    | .05282   | .13136   | .0016126 | .001159  |
| %RSD   | 1.459446 | .3752535 | .3449640 | .4450795 | .6898279 | 14.28990 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5050721 | 162.2178 | 15.25360 | 29.44805 | .2342704 | -.008478 |
| #2 | .5200250 | 163.4058 | 15.33157 | 29.66519 | .2319565 | -.009047 |
| #3 | .5122229 | 163.0614 | 15.35433 | 29.42854 | .2350590 | -.006816 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.777905 | .1887448 | 8.379254 | 6.509194 | F 12.37803 | -.288079 |
| Stddev | .015565  | .0270644 | .019573  | .221249  | .00268     | .002728  |
| %RSD   | .8754483 | 14.33916 | .2335909 | 3.399019 | .0216709   | .9470962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.779820 | .1979608 | 8.371701 | 6.529829 | 12.37581 | -.290296 |
| #2 | 1.761471 | .1582760 | 8.401478 | 6.719403 | 12.37727 | -.285032 |
| #3 | 1.792423 | .2099977 | 8.364582 | 6.278351 | 12.38101 | -.288908 |

Sample Name: P5131-06      Acquired: 01/04/2025 4:07:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228088 | 2.199127 | 9.875021 | .1631174 | .8651111 | .2025638 |
| Stddev | .0004263 | .006391  | .060276  | .0027687 | .0048830 | .0008416 |
| %RSD   | 1.868859 | .2906249 | .6103838 | 1.697355 | .5644358 | .4154816 |
| #1     | .0224677 | 2.206504 | 9.944481 | .1606576 | .8621282 | .2035132 |
| #2     | .0226720 | 2.195263 | 9.836465 | .1625788 | .8707462 | .2019092 |
| #3     | .0232866 | 2.195614 | 9.844118 | .1661158 | .8624587 | .2022690 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0804810 |
| Stddev | .0033536 |
| %RSD   | 4.166960 |
| #1     | .0841467 |
| #2     | .0797290 |
| #3     | .0775672 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2101.830 | 21166.66 | 2058.954 | 1558.069 | 1935.369 |
| Stddev    | 6.369    | 150.46   | 4.160    | 13.293   | 5.061    |
| %RSD      | .3030150 | .7108538 | .2020268 | .8531696 | .2615204 |
| #1        | 2104.576 | 21336.90 | 2059.560 | 1570.818 | 1937.628 |
| #2        | 2106.366 | 21051.52 | 2054.525 | 1544.292 | 1938.908 |
| #3        | 2094.549 | 21111.54 | 2062.778 | 1559.098 | 1929.572 |

Sample Name: P5131-10      Acquired: 01/04/2025 4:11:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .1876429 | -.009177 | 1.344706   | .1158614 | .0459143   | 71.22879 |
| Stddev | .0088267 | .003382  | .001928    | .0067780 | .0017732   | .42549   |
| %RSD   | 4.703989 | 36.85559 | .1433746   | 5.850136 | 3.862013   | .5973513 |
| #1     | .1881748 | -.005766 | 1.345156   | .1205605 | .0475715   | 71.02605 |
| #2     | .1785623 | -.012529 | 1.342593   | .1189323 | .0461271   | 70.94259 |
| #3     | .1961916 | -.009235 | 1.346370   | .1080915 | .0440443   | 71.71773 |
| Elem   | Ba4934   | Be2348   | Cd2144     | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 1.452520 | .0058862 | .0110221   | 138.6861 | .1393562   | .1566893 |
| Stddev | .013975  | .0001357 | .0001146   | 1.0394   | .0129018   | .0003254 |
| %RSD   | .9621080 | 2.305040 | 1.040131   | .7494365 | 9.258173   | .2076917 |
| #1     | 1.447808 | .0057387 | .0109695   | 138.0063 | .1257982   | .1570480 |
| #2     | 1.441510 | .0060057 | .0111536   | 138.1693 | .1514824   | .1566068 |
| #3     | 1.468242 | .0059141 | .0109431   | 139.8825 | .1407881   | .1564130 |
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .5292045 | 214.5215 | F 30.99338 | 22.25193 | .2195691   | -.011154 |
| Stddev | .0163014 | 2.0086   | .23401     | .13398   | .0010237   | .003046  |
| %RSD   | 3.080368 | .9363266 | .7550256   | .6021002 | .4662399   | 27.30755 |
| #1     | .5237010 | 213.0313 | 30.80967   | 22.18689 | .2203727   | -.007868 |
| #2     | .5163672 | 213.7274 | 30.91365   | 22.16289 | .2184165   | -.013882 |
| #3     | .5475454 | 216.8057 | 31.25684   | 22.40602 | .2199180   | -.011711 |
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 1.745965 | .1702102 | 2.245185   | 5.734793 | F 10.03822 | -.412029 |
| Stddev | .017399  | .0097155 | .181673    | .191830  | .02304     | .004234  |
| %RSD   | .9965481 | 5.707945 | 8.091678   | 3.345017 | .2295682   | 1.027683 |
| #1     | 1.729095 | .1744080 | 2.051429   | 5.916789 | 10.05662   | -.409073 |
| #2     | 1.763849 | .1591016 | 2.411699   | 5.534448 | 10.01238   | -.416880 |
| #3     | 1.744952 | .1771211 | 2.272426   | 5.753141 | 10.04567   | -.410134 |

Sample Name: P5131-10      Acquired: 01/04/2025 4:11:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0281024 | 1.663695 | 10.77257 | .0601509 | .7024325 | .0300956 |
| Stddev | .0008290 | .008684  | .01826   | .0042078 | .0088371 | .0003655 |
| %RSD   | 2.950052 | .5219618 | .1695253 | 6.995353 | 1.258065 | 1.214294 |
| #1     | .0272341 | 1.661312 | 10.75843 | .0562836 | .7008454 | .0301041 |
| #2     | .0281875 | 1.656452 | 10.79318 | .0595373 | .6944966 | .0297260 |
| #3     | .0288857 | 1.673322 | 10.76609 | .0646318 | .7119556 | .0304567 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0713097 |
| Stddev | .0003527 |
| %RSD   | .4946255 |
| #1     | .0716687 |
| #2     | .0712969 |
| #3     | .0709636 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2233.994 | 22751.07 | 2207.118 | 1671.365 | 1962.825 |
| Stddev    | 5.432    | 1775.15  | 6.444    | 127.995  | 4.274    |
| %RSD      | .2431318 | 7.802501 | .2919597 | 7.658129 | .2177498 |
| #1        | 2237.889 | 24648.26 | 2204.892 | 1808.511 | 1964.909 |
| #2        | 2236.304 | 21130.41 | 2202.083 | 1555.085 | 1965.658 |
| #3        | 2227.789 | 22474.55 | 2214.380 | 1650.498 | 1957.909 |



Sample Name: P5131-11      Acquired: 01/04/2025 4:14:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2536793 | -.021534 | 2.758194 | .1080760 | .0415566 | 73.64718 |
| Stddev | .0041252 | .001449  | .002646  | .0028606 | .0030489 | .39981   |
| %RSD   | 1.626138 | 6.727876 | .0959145 | 2.646827 | 7.336828 | .5428766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2505908 | -.019915 | 2.759061 | .1105839 | .0444029 | 73.88354 |
| #2 | .2520830 | -.022709 | 2.755223 | .1049604 | .0419279 | 73.87245 |
| #3 | .2583641 | -.021978 | 2.760296 | .1086837 | .0383390 | 73.18556 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.337523 | .0069097 | .0060444 | 67.98692 | .1424731 | .1539805 |
| Stddev | .003036  | .0000940 | .0000586 | .04457   | .0012342 | .0006234 |
| %RSD   | .2269719 | 1.359925 | .9687457 | .0655552 | .8662872 | .4048431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.334645 | .0070139 | .0061083 | 67.93545 | .1432550 | .1543466 |
| #2 | 1.337229 | .0068840 | .0059932 | 68.01242 | .1431141 | .1532608 |
| #3 | 1.340696 | .0068313 | .0060317 | 68.01287 | .1410503 | .1543342 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3491263 | 192.6112 | 21.38550 | 20.37901 | .1642242 | -.012798 |
| Stddev | .0108062 | .7883    | .06379   | .09032   | .0009988 | .000345  |
| %RSD   | 3.095223 | .4092863 | .2982977 | .4431880 | .6081969 | 2.694408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3613567 | 192.7007 | 21.36248 | 20.27772 | .1644285 | -.013192 |
| #2 | .3451531 | 193.3509 | 21.45761 | 20.45117 | .1631390 | -.012655 |
| #3 | .3408691 | 191.7819 | 21.33642 | 20.40813 | .1651050 | -.012548 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5481540 | .1786160 | 1.148434 | 8.600645 | F 10.01918 | -.354634 |
| Stddev | .0170044 | .0174844 | .005633  | .152112  | .01359     | .005891  |
| %RSD   | 3.102112 | 9.788807 | .4904590 | 1.768614 | .1356033   | 1.661222 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5426273 | .1988052 | 1.150543 | 8.716351 | 10.00480 | -.360456 |
| #2 | .5672342 | .1684986 | 1.142052 | 8.428349 | 10.02095 | -.348676 |
| #3 | .5346004 | .1685443 | 1.152708 | 8.657236 | 10.03180 | -.354770 |

Sample Name: P5131-11      Acquired: 01/04/2025 4:14:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0157761 | 1.618249 | 10.79654 | .1349420 | .6471157 | .0833047 |
| Stddev | .0012062 | .007921  | .04537   | .0013252 | .0059708 | .0005489 |
| %RSD   | 7.645408 | .4894522 | .4202559 | .9820513 | .9226742 | .6588626 |
| #1     | .0145629 | 1.627258 | 10.84876 | .1334815 | .6492857 | .0834697 |
| #2     | .0157903 | 1.615113 | 10.76672 | .1352768 | .6403634 | .0837522 |
| #3     | .0169751 | 1.612377 | 10.77415 | .1360677 | .6516980 | .0826923 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0705947 |
| Stddev | .0004616 |
| %RSD   | .6539085 |
| #1     | .0701705 |
| #2     | .0710863 |
| #3     | .0705274 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2239.372 | 22503.57 | 2170.393 | 1658.380 | 1979.128 |
| Stddev    | .967     | 57.39    | 11.093   | 3.932    | 2.304    |
| %RSD      | .0431709 | .2550214 | .5111055 | .2370950 | .1164126 |
| #1        | 2238.512 | 22450.06 | 2159.606 | 1654.947 | 1978.705 |
| #2        | 2240.418 | 22496.48 | 2169.805 | 1662.670 | 1981.614 |
| #3        | 2239.184 | 22564.17 | 2181.768 | 1657.524 | 1977.065 |

Sample Name: P5131-12      Acquired: 01/04/2025 4:18:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1850210 | -.016079 | 4.878285 | .0859647 | .0348106   | 61.82099 |
| Stddev | .0048475 | .000379  | .017752  | .0074205 | .0023797   | .41526   |
| %RSD   | 2.619952 | 2.355583 | .3638938 | 8.632048 | 6.836216   | .6717071 |
| #1     | .1802942 | -.016501 | 4.898698 | .0944315 | .0369705   | 62.17410 |
| #2     | .1847880 | -.015770 | 4.866462 | .0828711 | .0352018   | 61.92536 |
| #3     | .1899807 | -.015965 | 4.869695 | .0805915 | .0322595   | 61.36350 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.449002 | .0060909 | .0061688 | 76.89737 | .1908203   | .1248801 |
| Stddev | .008685  | .0001561 | .0000274 | .19509   | .0009467   | .0005601 |
| %RSD   | .5993553 | 2.562972 | .4445854 | .2536977 | .4961309   | .4484796 |
| #1     | 1.452695 | .0059735 | .0061858 | 77.11488 | .1917469   | .1255259 |
| #2     | 1.455230 | .0062680 | .0061371 | 76.83937 | .1908593   | .1245279 |
| #3     | 1.439081 | .0060310 | .0061834 | 76.73786 | .1898547   | .1245865 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4624356 | 162.0202 | 14.95847 | 20.24833 | .1636031   | -.006132 |
| Stddev | .0096841 | .8042    | .08625   | .10920   | .0013935   | .001639  |
| %RSD   | 2.094158 | .4963823 | .5766144 | .5393158 | .8517900   | 26.71988 |
| #1     | .4543116 | 162.6662 | 14.99629 | 20.30057 | .1649735   | -.007283 |
| #2     | .4731521 | 162.2750 | 15.01935 | 20.32160 | .1636483   | -.004256 |
| #3     | .4598429 | 161.1195 | 14.85977 | 20.12282 | .1621875   | -.006858 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4230233 | .1392594 | 1.913031 | 7.793349 | F 11.22802 | -.290610 |
| Stddev | .0183937 | .0050400 | .006078  | .016959  | .04988     | .002460  |
| %RSD   | 4.348157 | 3.619132 | .3177148 | .2176091 | .4442627   | .8463447 |
| #1     | .4355359 | .1439132 | 1.916673 | 7.778943 | 11.28539   | -.292778 |
| #2     | .4316299 | .1339063 | 1.916406 | 7.789064 | 11.20383   | -.291113 |
| #3     | .4019041 | .1399586 | 1.906014 | 7.812039 | 11.19485   | -.287937 |

Sample Name: P5131-12      Acquired: 01/04/2025 4:18:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124701 | 3.003134 | 9.821504 | .4134623 | .7129401 | .0481889 |
| Stddev | .0002196 | .022622  | .082232  | .0010915 | .0064110 | .0008399 |
| %RSD   | 1.760580 | .7532954 | .8372626 | .2639786 | .8992365 | 1.742905 |
| #1     | .0125890 | 3.027340 | 9.888805 | .4129255 | .7192186 | .0485699 |
| #2     | .0126045 | 2.982526 | 9.845862 | .4147182 | .7131976 | .0487708 |
| #3     | .0122167 | 2.999536 | 9.729845 | .4127432 | .7064043 | .0472261 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0564826 |
| Stddev | .0012642 |
| %RSD   | 2.238249 |
| #1     | .0577967 |
| #2     | .0552750 |
| #3     | .0563763 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2173.703 | 21815.68 | 2135.141 | 1611.813 | 1981.810 |
| Stddev    | 5.879    | 143.71   | 18.257   | 3.512    | 8.161    |
| %RSD      | .2704541 | .6587658 | .8550800 | .2178858 | .4118065 |
| #1        | 2166.953 | 21758.89 | 2115.202 | 1607.828 | 1972.628 |
| #2        | 2177.703 | 21979.11 | 2139.182 | 1613.157 | 1988.238 |
| #3        | 2176.453 | 21709.04 | 2151.039 | 1614.454 | 1984.564 |

Sample Name: P5127-16      Acquired: 01/04/2025 4:22:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2421744 | -.014844 | 4.467862 | .0998443 | .0473202 | 77.08670 |
| Stddev | .0024661 | .004878  | .008791  | .0028237 | .0007579 | .39273   |
| %RSD   | 1.018328 | 32.86114 | .1967628 | 2.828107 | 1.601667 | .5094588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2415499 | -.019970 | 4.458015 | .1006809 | .0477345 | 76.64437 |
| #2 | .2400806 | -.010259 | 4.474920 | .1021552 | .0477806 | 77.22135 |
| #3 | .2448928 | -.014303 | 4.470651 | .0966968 | .0464454 | 77.39440 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.273999 | .0073930 | .0082851 | 313.8482 | .1406327 | .1659476 |
| Stddev | .007029  | .0001481 | .0001089 | .3963    | .0009391 | .0007959 |
| %RSD   | .3090810 | 2.003330 | 1.314478 | .1262565 | .6677548 | .4796189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.278731 | .0074011 | .0082850 | 314.1072 | .1396040 | .1655003 |
| #2 | 2.277343 | .0075369 | .0081763 | 314.0453 | .1414440 | .1654760 |
| #3 | 2.265922 | .0072410 | .0083941 | 313.3920 | .1408501 | .1668666 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5834791 | 222.3892 | 21.31814 | 39.34453 | .2144067 | -.016697 |
| Stddev | .0131034 | .1784    | .05614   | .10704   | .0007493 | .000544  |
| %RSD   | 2.245733 | .0802361 | .2633662 | .2720593 | .3494615 | 3.258756 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5745192 | 222.2488 | 21.31821 | 39.22139 | .2142423 | -.016158 |
| #2 | .5774003 | 222.5900 | 21.37425 | 39.41528 | .2152245 | -.016688 |
| #3 | .5985179 | 222.3289 | 21.26196 | 39.39692 | .2137533 | -.017246 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7598189 | .2169528 | 2.218140 | 8.991339 | F 14.39542 | -.404398 |
| Stddev | .0171077 | .0089849 | .014757  | .116644  | .04033     | .004225  |
| %RSD   | 2.251548 | 4.141420 | .6652940 | 1.297296 | .2801789   | 1.044704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7790356 | .2168669 | 2.201287 | 8.859752 | 14.34894 | -.404703 |
| #2 | .7541744 | .2259804 | 2.224385 | 9.082022 | 14.41608 | -.408462 |
| #3 | .7462467 | .2080112 | 2.228748 | 9.032244 | 14.42124 | -.400029 |

Sample Name: P5127-16      Acquired: 01/04/2025 4:22:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132061 | 2.563438 | 5.507567 | .1159412 | .8402040 | .2235784 |
| Stddev | .0005609 | .013248  | .014137  | .0014136 | .0014013 | .0006802 |
| %RSD   | 4.247520 | .5168242 | .2566832 | 1.219197 | .1667825 | .3042281 |
| #1     | .0136534 | 2.548148 | 5.523891 | .1143371 | .8417212 | .2228731 |
| #2     | .0125767 | 2.570674 | 5.499375 | .1164819 | .8399326 | .2242303 |
| #3     | .0133880 | 2.571493 | 5.499436 | .1170047 | .8389583 | .2236319 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0877787 |
| Stddev | .0020719 |
| %RSD   | 2.360398 |
| #1     | .0891490 |
| #2     | .0887921 |
| #3     | .0853952 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2266.900 | 22896.75 | 2280.148 | 1676.034 | 1863.083 |
| Stddev    | 7.855    | 168.17   | 9.128    | 7.208    | 6.616    |
| %RSD      | .3464928 | .7344922 | .4003402 | .4300726 | .3551040 |
| #1        | 2265.301 | 22960.44 | 2270.786 | 1681.616 | 1866.853 |
| #2        | 2275.431 | 22706.03 | 2280.636 | 1667.896 | 1866.951 |
| #3        | 2259.968 | 23023.78 | 2289.023 | 1678.589 | 1855.443 |

Sample Name: P5127-17      Acquired: 01/04/2025 4:26:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2104414 | -.022901 | 2.073706 | .1250499 | .0554665 | 80.42356 |
| Stddev | .0048090 | .004116  | .009862  | .0021544 | .0016042 | .47021   |
| %RSD   | 2.285218 | 17.97354 | .4755602 | 1.722826 | 2.892147 | .5846700 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2052128 | -.025914 | 2.064934 | .1248015 | .0547600 | 79.88886 |
| #2 | .2114359 | -.018211 | 2.071802 | .1273178 | .0543370 | 80.77258 |
| #3 | .2146754 | -.024577 | 2.084380 | .1230305 | .0573027 | 80.60924 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.636769 | .0075334 | .0072860 | 198.1742 | .1441246 | .1762929 |
| Stddev | .004577  | .0000518 | .0002902 | .5558    | .0002900 | .0003540 |
| %RSD   | .2796298 | .6874306 | 3.982571 | .2804542 | .2012199 | .2007892 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.632336 | .0075312 | .0071248 | 197.6998 | .1441920 | .1758878 |
| #2 | 1.636494 | .0075863 | .0076210 | 198.0371 | .1438069 | .1765427 |
| #3 | 1.641477 | .0074827 | .0071122 | 198.7857 | .1443750 | .1764482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5094160 | 256.8561 | 23.63249 | 50.79582 | .2541471 | -.019341 |
| Stddev | .0081756 | 1.4793   | .10450   | .15493   | .0016725 | .001022  |
| %RSD   | 1.604899 | .5759329 | .4421693 | .3050093 | .6580826 | 5.284130 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5082847 | 255.1585 | 23.51409 | 50.64905 | .2527572 | -.020367 |
| #2 | .5018649 | 257.8689 | 23.67160 | 50.78062 | .2560033 | -.018324 |
| #3 | .5180983 | 257.5410 | 23.71180 | 50.95779 | .2536810 | -.019333 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7409088 | .2265677 | 1.469089 | 8.795370 | F 15.24625 | -.478903 |
| Stddev | .0148849 | .0091926 | .011186  | .178952  | .03748     | .001165  |
| %RSD   | 2.009010 | 4.057315 | .7614536 | 2.034618 | .2458397   | .2431629 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7238200 | .2248290 | 1.481867 | 9.001839 | 15.20458 | -.480019 |
| #2 | .7478593 | .2183686 | 1.461062 | 8.684947 | 15.25696 | -.477696 |
| #3 | .7510472 | .2365054 | 1.464337 | 8.699324 | 15.27722 | -.478995 |

Sample Name: P5127-17      Acquired: 01/04/2025 4:26:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0138815 | 2.173807 | 5.555233 | .0634976 | .8290528 | .0862725 |
| Stddev | .0004974 | .005627  | .010375  | .0025221 | .0047559 | .0003105 |
| %RSD   | 3.583120 | .2588487 | .1867686 | 3.972016 | .5736539 | .3598603 |
| #1     | .0142610 | 2.169725 | 5.556532 | .0656702 | .8315898 | .0862735 |
| #2     | .0133184 | 2.171471 | 5.544268 | .0607317 | .8320023 | .0859615 |
| #3     | .0140652 | 2.180226 | 5.564897 | .0640908 | .8235664 | .0865824 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1007324 |
| Stddev | .0038832 |
| %RSD   | 3.854970 |
| #1     | .1037282 |
| #2     | .1021239 |
| #3     | .0963452 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2372.466 | 23756.49 | 2326.703 | 1752.618 | 1889.527 |
| Stddev    | 2.239    | 94.33    | 8.715    | 12.361   | 4.429    |
| %RSD      | .0943554 | .3970633 | .3745632 | .7052825 | .2344167 |
| #1        | 2370.554 | 23654.15 | 2319.731 | 1739.463 | 1885.292 |
| #2        | 2374.928 | 23839.95 | 2336.473 | 1763.992 | 1889.162 |
| #3        | 2371.917 | 23775.37 | 2323.904 | 1754.398 | 1894.128 |



Sample Name: P5127-18      Acquired: 01/04/2025 4:30:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3156697 | -.012728 | 3.865516 | .0762911 | .0504200 | 60.86807 |
| Stddev | .0051494 | .005022  | .005389  | .0102151 | .0027159 | 2.15239  |
| %RSD   | 1.631260 | 39.45998 | .1394008 | 13.38964 | 5.386451 | 3.536152 |
| #1     | .3207077 | -.008625 | 3.860935 | .0658410 | .0477960 | 59.39116 |
| #2     | .3104157 | -.018329 | 3.864159 | .0862538 | .0532192 | 63.33766 |
| #3     | .3158857 | -.011229 | 3.871453 | .0767784 | .0502449 | 59.87538 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.286879 | .0067601 | .0139989 | 523.3452 | .1652857 | .1503929 |
| Stddev | .083889  | .0003406 | .0001381 | 18.9102  | .0015984 | .0008409 |
| %RSD   | 3.668274 | 5.038204 | .9866401 | 3.613339 | .9670491 | .5591526 |
| #1     | 2.231920 | .0064034 | .0141473 | 511.4676 | .1669082 | .1499693 |
| #2     | 2.383438 | .0070819 | .0138741 | 545.1519 | .1637126 | .1498481 |
| #3     | 2.245279 | .0067949 | .0139754 | 513.4162 | .1652363 | .1513614 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.109335 | 198.8416 | 14.94947 | 56.65461 | .2591796 | -.014516 |
| Stddev | .194606  | 7.0458   | .56459   | 2.00990  | .0011776 | .001446  |
| %RSD   | 3.808837 | 3.543413 | 3.776677 | 3.547640 | .4543611 | 9.964675 |
| #1     | 4.993285 | 194.4063 | 14.56320 | 55.03560 | .2605384 | -.015880 |
| #2     | 5.334006 | 206.9659 | 15.59743 | 58.90418 | .2584543 | -.012999 |
| #3     | 5.000715 | 195.1525 | 14.68778 | 56.02403 | .2585462 | -.014670 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.039984 | .1727245 | 4.447521 | 12.34728 | F 15.58198 | -.307712 |
| Stddev | .028998  | .0141633 | .016494  | .51773   | .02080     | .012384  |
| %RSD   | 2.788327 | 8.199918 | .3708598 | 4.193063 | .1335176   | 4.024595 |
| #1     | 1.017497 | .1639224 | 4.436449 | 12.07280 | 15.59903   | -.307482 |
| #2     | 1.072713 | .1890625 | 4.466477 | 12.94445 | 15.55880   | -.320209 |
| #3     | 1.029741 | .1651886 | 4.439636 | 12.02458 | 15.58811   | -.295444 |

Sample Name: P5127-18      Acquired: 01/04/2025 4:30:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147630 | 4.783394 | 5.513088 | .2136146 | .7825563 | .4810152 |
| Stddev | .0004287 | .008351  | .191667  | .0028421 | .0277029 | .0172642 |
| %RSD   | 2.903844 | .1745850 | 3.476581 | 1.330484 | 3.540046 | 3.589109 |
| #1     | .0147709 | 4.793005 | 5.456371 | .2107520 | .7602237 | .4695676 |
| #2     | .0143304 | 4.779274 | 5.726712 | .2136558 | .8135566 | .5008728 |
| #3     | .0151877 | 4.777903 | 5.356179 | .2164358 | .7738886 | .4726051 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0763186 |
| Stddev | .0030987 |
| %RSD   | 4.060189 |
| #1     | .0776028 |
| #2     | .0785688 |
| #3     | .0727843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2062.839 | 20931.98 | 2051.785 | 1539.068 | 1793.942 |
| Stddev    | 3.723    | 101.12   | 62.667   | 7.925    | 4.856    |
| %RSD      | .1804797 | .4830936 | 3.054250 | .5149151 | .2706699 |
| #1        | 2066.294 | 20979.37 | 2080.610 | 1546.962 | 1799.320 |
| #2        | 2063.328 | 21000.70 | 1979.893 | 1539.130 | 1792.625 |
| #3        | 2058.896 | 20815.86 | 2094.853 | 1531.113 | 1789.880 |

Sample Name: P5127-19      Acquired: 01/04/2025 4:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2916956 | -.003029 | 3.744929 | .0667934 | .0384997 | 60.82073 |
| Stddev | .0057304 | .001603  | .003001  | .0044084 | .0026089 | .21756   |
| %RSD   | 1.964531 | 52.91029 | .0801475 | 6.600063 | 6.776465 | .3577028 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2975033 | -.002114 | 3.748165 | .0617033 | .0362463 | 60.58834 |
| #2 | .2860457 | -.002093 | 3.744387 | .0693913 | .0378949 | 60.85427 |
| #3 | .2915379 | -.004879 | 3.742236 | .0692854 | .0413579 | 61.01956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.052863 | .0063512 | .0118020 | 556.5382 | .1569315 | .1469709 |
| Stddev | .012126  | .0001227 | .0001706 | 2.5638   | .0010799 | .0006037 |
| %RSD   | .5906683 | 1.932579 | 1.445423 | .4606670 | .6881603 | .4107422 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.038865 | .0063304 | .0119975 | 553.6354 | .1557684 | .1464746 |
| #2 | 2.059576 | .0064830 | .0116832 | 557.4862 | .1579025 | .1476430 |
| #3 | 2.060147 | .0062402 | .0117254 | 558.4929 | .1571234 | .1467953 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.353769 | 180.9012 | 13.47279 | 67.09461 | .2282123 | -.014271 |
| Stddev | .015692  | .2497    | .03402   | .35439   | .0003713 | .000553  |
| %RSD   | 1.159137 | .1380209 | .2525320 | .5281884 | .1626971 | 3.876177 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.338445 | 180.6626 | 13.44496 | 66.85734 | .2278136 | -.013936 |
| #2 | 1.369805 | 181.1607 | 13.46269 | 66.92452 | .2282753 | -.014909 |
| #3 | 1.353058 | 180.8803 | 13.51072 | 67.50198 | .2285481 | -.013968 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9418779 | .1649640 | 3.054465 | 11.59138 | F 11.16285 | -.291098 |
| Stddev | .0065497 | .0091709 | .004031  | .08874   | .01439     | .005426  |
| %RSD   | .6953911 | 5.559324 | .1319837 | .7655385 | .1288925   | 1.863815 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9425063 | .1755281 | 3.055407 | 11.49395 | 11.14658 | -.297005 |
| #2 | .9350366 | .1603187 | 3.050046 | 11.66757 | 11.17392 | -.286338 |
| #3 | .9480908 | .1590453 | 3.057942 | 11.61263 | 11.16803 | -.289951 |

Sample Name: P5127-19      Acquired: 01/04/2025 4:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132527 | 3.633640 | 5.618190 | .1249618 | .7456435 | .4507574 |
| Stddev | .0002712 | .018021  | .042457  | .0036469 | .0037121 | .0028730 |
| %RSD   | 2.046140 | .4959483 | .7557104 | 2.918449 | .4978396 | .6373662 |
| #1     | .0129408 | 3.651797 | 5.664226 | .1209652 | .7431890 | .4475778 |
| #2     | .0133848 | 3.633366 | 5.580573 | .1281092 | .7438276 | .4515276 |
| #3     | .0134325 | 3.615758 | 5.609770 | .1258111 | .7499140 | .4531668 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0860664 |
| Stddev | .0011004 |
| %RSD   | 1.278598 |
| #1     | .0848084 |
| #2     | .0865407 |
| #3     | .0868502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2018.523 | 20379.15 | 2019.884 | 1497.807 | 1791.276 |
| Stddev    | 3.649    | 134.53   | 8.629    | 8.976    | 1.717    |
| %RSD      | .1807835 | .6601259 | .4271965 | .5992638 | .0958333 |
| #1        | 2018.815 | 20500.30 | 2010.679 | 1505.111 | 1791.065 |
| #2        | 2022.017 | 20234.37 | 2021.182 | 1487.787 | 1793.088 |
| #3        | 2014.736 | 20402.77 | 2027.790 | 1500.523 | 1789.675 |

Sample Name: P5127-20      Acquired: 01/04/2025 4:37:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3274531 | -.015876 | 3.546587 | .0751546 | .0459257 | 66.01623 |
| Stddev | .0054215 | .003100  | .003799  | .0051243 | .0031231 | .60223   |
| %RSD   | 1.655649 | 19.52748 | .1071205 | 6.818406 | 6.800238 | .9122513 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3325305 | -.019389 | 3.550331 | .0760539 | .0425393 | 66.31500 |
| #2 | .3217431 | -.013526 | 3.546695 | .0797698 | .0465453 | 65.32303 |
| #3 | .3280858 | -.014712 | 3.542735 | .0696401 | .0486926 | 66.41066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.215957 | .0072119 | .0113178 | 725.6345 | .1559004 | .1674788 |
| Stddev | .016274  | .0000381 | .0001258 | 1.0657   | .0007773 | .0008439 |
| %RSD   | .7343863 | .5285372 | 1.111428 | .1468655 | .4985884 | .5038936 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.201170 | .0072248 | .0112220 | 724.5146 | .1550887 | .1683488 |
| #2 | 2.233393 | .0071690 | .0112712 | 726.6362 | .1566380 | .1674240 |
| #3 | 2.213308 | .0072419 | .0114602 | 725.7529 | .1559744 | .1666637 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.619911 | 203.6967 | 15.31837 | 61.99815 | .2341827 | -.014993 |
| Stddev | .007200  | .8142    | .06438   | .48425   | .0010168 | .001475  |
| %RSD   | .4444548 | .3997194 | .4202539 | .7810676 | .4341863 | 9.836135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.627461 | 203.8210 | 15.31988 | 61.78301 | .2353566 | -.016676 |
| #2 | 1.619150 | 202.8274 | 15.25325 | 61.65875 | .2336135 | -.014379 |
| #3 | 1.613122 | 204.4416 | 15.38197 | 62.55269 | .2335780 | -.013925 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.105474 | .1891755 | 2.902580 | 12.58201 | F 14.33450 | -.325244 |
| Stddev | .023097  | .0066516 | .012566  | .08480   | .02494     | .003896  |
| %RSD   | 2.089317 | 3.516100 | .4329086 | .6739614 | .1740204   | 1.197953 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.096999 | .1930464 | 2.910846 | 12.48665 | 14.36330 | -.328302 |
| #2 | 1.131611 | .1814949 | 2.908774 | 12.61043 | 14.32050 | -.320857 |
| #3 | 1.087811 | .1929851 | 2.888120 | 12.64894 | 14.31970 | -.326574 |

Sample Name: P5127-20      Acquired: 01/04/2025 4:37:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135684 | 3.771589 | 5.712220 | .1665039 | .7201609 | .7185683 |
| Stddev | .0006322 | .006097  | .045045  | .0019750 | .0085092 | .0032320 |
| %RSD   | 4.659540 | .1616552 | .7885745 | 1.186166 | 1.181572 | .4497774 |
| #1     | .0138018 | 3.778190 | 5.748941 | .1681660 | .7282297 | .7201476 |
| #2     | .0140508 | 3.770409 | 5.661957 | .1643205 | .7112708 | .7148503 |
| #3     | .0128527 | 3.766169 | 5.725760 | .1670252 | .7209822 | .7207069 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0979679 |
| Stddev | .0031094 |
| %RSD   | 3.173901 |
| #1     | .0970726 |
| #2     | .1014267 |
| #3     | .0954043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2023.626 | 20412.35 | 2039.794 | 1493.808 | 1761.494 |
| Stddev    | 3.654    | 122.20   | 9.324    | 12.935   | 4.247    |
| %RSD      | .1805687 | .5986500 | .4571232 | .8659248 | .2410998 |
| #1        | 2021.810 | 20419.78 | 2029.208 | 1491.289 | 1758.685 |
| #2        | 2021.235 | 20286.61 | 2043.381 | 1482.317 | 1759.417 |
| #3        | 2027.832 | 20530.67 | 2046.792 | 1507.817 | 1766.379 |

Sample Name: P5127-21      Acquired: 01/04/2025 4:41:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2371612 | -.016419 | 2.823665 | .1114087 | .0518241 | 76.38871 |
| Stddev | .0079347 | .001638  | .056487  | .0115986 | .0013843 | 1.84052  |
| %RSD   | 3.345716 | 9.974583 | 2.000475 | 10.41084 | 2.671215 | 2.409409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2371336 | -.018299 | 2.855634 | .0985587 | .0502339 | 75.29985 |
| #2 | .2292403 | -.015655 | 2.758444 | .1211026 | .0527601 | 78.51374 |
| #3 | .2451097 | -.015303 | 2.856918 | .1145647 | .0524782 | 75.35255 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.677191 | .0073584 | .0075894 | 297.6435 | .1407657 | .1635145 |
| Stddev | .035253  | .0002229 | .0003581 | 6.9452   | .0014981 | .0038468 |
| %RSD   | 2.101919 | 3.029338 | 4.718242 | 2.333398 | 1.064279 | 2.352570 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.652050 | .0072718 | .0078477 | 293.1766 | .1424489 | .1668458 |
| #2 | 1.717488 | .0076116 | .0071806 | 305.6450 | .1395785 | .1593043 |
| #3 | 1.662036 | .0071918 | .0077398 | 294.1088 | .1402696 | .1643934 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7137524 | 229.6892 | 21.79513 | 38.29523 | .2089236 | -.015876 |
| Stddev | .0159859 | 5.0516   | .50051   | .91839   | .0045291 | .000708  |
| %RSD   | 2.239703 | 2.199327 | 2.296444 | 2.398185 | 2.167827 | 4.459696 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6964749 | 226.5159 | 21.48517 | 37.76784 | .2114271 | -.015946 |
| #2 | .7280184 | 235.5145 | 22.37255 | 39.35569 | .2036954 | -.015136 |
| #3 | .7167641 | 227.0370 | 21.52767 | 37.76215 | .2116484 | -.016547 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7187021 | .2061189 | 1.856185 | 9.643470 | F 11.26143 | -.408387 |
| Stddev | .0100638 | .0037727 | .004115  | .154524  | .22372     | .001770  |
| %RSD   | 1.400274 | 1.830365 | .2216717 | 1.602364 | 1.986588   | .4335021 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7228993 | .2036218 | 1.859008 | 9.541057 | 11.39470 | -.410391 |
| #2 | .7072190 | .2104589 | 1.851464 | 9.821212 | 11.00315 | -.407732 |
| #3 | .7259879 | .2042761 | 1.858083 | 9.568141 | 11.38645 | -.407037 |

Sample Name: P5127-21      Acquired: 01/04/2025 4:41:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0150662 | 3.123868 | 5.683055 | .1860946 | .9549252 | .1981683 |
| Stddev | .0003501 | .058739  | .065425  | .0038624 | .0166459 | .0052643 |
| %RSD   | 2.323830 | 1.880335 | 1.151233 | 2.075487 | 1.743162 | 2.656479 |
| #1     | .0146621 | 3.160726 | 5.650948 | .1873217 | .9444875 | .1953222 |
| #2     | .0152593 | 3.056129 | 5.758331 | .1817677 | .9741217 | .2042430 |
| #3     | .0152773 | 3.154748 | 5.639886 | .1891943 | .9461663 | .1949399 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0775753 |
| Stddev | .0041817 |
| %RSD   | 5.390543 |
| #1     | .0729374 |
| #2     | .0810581 |
| #3     | .0787304 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2305.035 | 23083.57 | 2230.394 | 1691.662 | 1884.742 |
| Stddev    | 29.842   | 121.80   | 41.100   | 12.276   | 33.650   |
| %RSD      | 1.294632 | .5276499 | 1.842721 | .7256903 | 1.785380 |
| #1        | 2286.060 | 23222.85 | 2256.109 | 1702.300 | 1862.937 |
| #2        | 2339.432 | 22997.03 | 2182.992 | 1678.229 | 1923.496 |
| #3        | 2289.613 | 23030.82 | 2252.079 | 1694.456 | 1867.792 |



Sample Name: P5127-22      Acquired: 01/04/2025 4:45:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2274158 | -.024202 | 3.582877 | .1176361 | .0525983 | 80.76198 |
| Stddev | .0034016 | .008047  | .002662  | .0034661 | .0019231 | .57864   |
| %RSD   | 1.495748 | 33.25076 | .0742984 | 2.946416 | 3.656132 | .7164759 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2311477 | -.018071 | 3.584024 | .1137574 | .0531164 | 80.90225 |
| #2 | .2266106 | -.033315 | 3.579833 | .1204299 | .0504693 | 81.25758 |
| #3 | .2244890 | -.021220 | 3.584772 | .1187210 | .0542093 | 80.12609 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.636481 | .0082225 | .0085883 | 234.0958 | .1571276 | .1635800 |
| Stddev | .007445  | .0002013 | .0000140 | 1.1713   | .0012211 | .0006933 |
| %RSD   | .4549276 | 2.447798 | .1627905 | .5003446 | .7771528 | .4238118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.631863 | .0080676 | .0085807 | 233.8032 | .1561853 | .1636166 |
| #2 | 1.645069 | .0084500 | .0085796 | 235.3856 | .1566903 | .1628691 |
| #3 | 1.632511 | .0081499 | .0086044 | 233.0985 | .1585071 | .1642542 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5710481 | 242.0258 | 22.95428 | 36.38559 | .2108582 | -.017883 |
| Stddev | .0058848 | 1.9605   | .15019   | .28625   | .0012900 | .000397  |
| %RSD   | 1.030520 | .8100250 | .6542977 | .7867008 | .6117646 | 2.218135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5757748 | 241.9206 | 22.97054 | 36.56952 | .2118952 | -.017631 |
| #2 | .5644570 | 244.0368 | 23.09568 | 36.53145 | .2094137 | -.017678 |
| #3 | .5729127 | 240.1201 | 22.79662 | 36.05579 | .2112658 | -.018340 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7075297 | .2175432 | 1.775678 | 9.843178 | F 12.34923 | -.431734 |
| Stddev | .0145130 | .0051490 | .018249  | .221936  | .01222     | .003015  |
| %RSD   | 2.051222 | 2.366869 | 1.027708 | 2.254721 | .0989779   | .6984605 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7230869 | .2165964 | 1.769496 | 9.976385 | 12.36334 | -.429288 |
| #2 | .6943559 | .2129333 | 1.761323 | 9.966174 | 12.34252 | -.430810 |
| #3 | .7051463 | .2230998 | 1.796215 | 9.586976 | 12.34183 | -.435103 |

Sample Name: P5127-22      Acquired: 01/04/2025 4:45:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147375 | 3.681251 | 5.886429 | .1513869 | .9491213 | .1637629 |
| Stddev | .0008418 | .006492  | .009573  | .0025369 | .0047514 | .0014114 |
| %RSD   | 5.711803 | .1763493 | .1626273 | 1.675775 | .5006075 | .8618227 |
| #1     | .0137655 | 3.684017 | 5.876664 | .1490444 | .9526194 | .1640740 |
| #2     | .0152201 | 3.673834 | 5.895797 | .1510349 | .9510325 | .1649927 |
| #3     | .0152268 | 3.685902 | 5.886826 | .1540815 | .9437119 | .1622220 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0777773 |
| Stddev | .0043078 |
| %RSD   | 5.538685 |
| #1     | .0808011 |
| #2     | .0796859 |
| #3     | .0728449 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2306.451 | 23154.58 | 2278.579 | 1703.423 | 1884.648 |
| Stddev    | 8.477    | 32.28    | 7.602    | 11.067   | 7.538    |
| %RSD      | .3675157 | .1393982 | .3336283 | .6496643 | .3999734 |
| #1        | 2312.851 | 23117.60 | 2277.790 | 1700.802 | 1889.418 |
| #2        | 2309.666 | 23177.12 | 2271.403 | 1715.565 | 1888.569 |
| #3        | 2296.838 | 23169.02 | 2286.545 | 1693.902 | 1875.958 |

Sample Name: P5128-01      Acquired: 01/04/2025 4:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1741155 | -.024154 | 6.931977 | .1157111 | .0598589 | 64.61656 |
| Stddev | .0027051 | .004394  | .011079  | .0027095 | .0021430 | .41976   |
| %RSD   | 1.553641 | 18.18961 | .1598272 | 2.341630 | 3.580151 | .6496096 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1763872 | -.028961 | 6.920729 | .1129017 | .0619171 | 64.71290 |
| #2 | .1748362 | -.020346 | 6.942880 | .1159234 | .0600196 | 64.97977 |
| #3 | .1711230 | -.023156 | 6.932321 | .1183083 | .0576401 | 64.15701 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.894565 | .0074022 | .0141658 | 121.0625 | .1504734 | .1371526 |
| Stddev | .005619  | .0000431 | .0000932 | .2936    | .0013238 | .0003259 |
| %RSD   | .2965922 | .5827097 | .6579152 | .2425193 | .8797217 | .2376006 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.898702 | .0073709 | .0140742 | 120.8868 | .1508615 | .1367766 |
| #2 | 1.888168 | .0074514 | .0142605 | 121.4015 | .1515597 | .1373291 |
| #3 | 1.896826 | .0073843 | .0141627 | 120.8993 | .1489990 | .1373523 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4436851 | 225.8525 | 13.54493 | 42.98971 | .2812402 | -.016629 |
| Stddev | .0082232 | 1.0942   | .05590   | .22765   | .0008988 | .000741  |
| %RSD   | 1.853391 | .4844974 | .4127229 | .5295458 | .3195843 | 4.455586 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4374022 | 225.3293 | 13.52461 | 42.80457 | .2810812 | -.016012 |
| #2 | .4529922 | 227.1101 | 13.60815 | 43.24388 | .2822078 | -.016425 |
| #3 | .4406608 | 225.1181 | 13.50203 | 42.92067 | .2804315 | -.017451 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7446242 | .1731402 | 4.781695 | 6.680578 | F 13.60205 | -.416355 |
| Stddev | .0101379 | .0060282 | .024151  | .132932  | .03094     | .003249  |
| %RSD   | 1.361484 | 3.481690 | .5050674 | 1.989826 | .2274846   | .7803949 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7562356 | .1708045 | 4.754787 | 6.591248 | 13.56708 | -.420014 |
| #2 | .7401060 | .1799868 | 4.801491 | 6.833345 | 13.62590 | -.415244 |
| #3 | .7375308 | .1686294 | 4.788808 | 6.617141 | 13.61317 | -.413807 |

Sample Name: P5128-01      Acquired: 01/04/2025 4:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0146353 | 3.752743 | 5.212152 | .1451864 | .7034227 | .0071205 |
| Stddev | .0008434 | .012039  | .005112  | .0012009 | .0043564 | .0006940 |
| %RSD   | 5.762868 | .3208068 | .0980831 | .8271463 | .6193205 | 9.745873 |
| #1     | .0143307 | 3.739650 | 5.211486 | .1446242 | .7001240 | .0079161 |
| #2     | .0155886 | 3.755244 | 5.217565 | .1443697 | .7083610 | .0068053 |
| #3     | .0139864 | 3.763335 | 5.207406 | .1465653 | .7017830 | .0066400 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0786857 |
| Stddev | .0018239 |
| %RSD   | 2.317914 |
| #1     | .0807460 |
| #2     | .0780337 |
| #3     | .0772775 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2164.968 | 21761.67 | 2138.207 | 1606.995 | 1942.322 |
| Stddev    | 7.247    | 108.60   | 10.581   | 9.114    | 7.337    |
| %RSD      | .3347212 | .4990487 | .4948452 | .5671648 | .3777316 |
| #1        | 2173.323 | 21707.34 | 2135.112 | 1611.214 | 1949.926 |
| #2        | 2161.198 | 21690.95 | 2129.519 | 1596.535 | 1941.753 |
| #3        | 2160.385 | 21886.72 | 2149.990 | 1613.235 | 1935.286 |

Sample Name: P5128-02      Acquired: 01/04/2025 4:52:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2365010 | -.037499 | 7.314585 | .1387033 | .0557592 | 77.04052 |
| Stddev | .0013088 | .004153  | .002019  | .0027425 | .0013302 | .20483   |
| %RSD   | .5533934 | 11.07581 | .0275962 | 1.977251 | 2.385663 | .2658735 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2353790 | -.032724 | 7.313810 | .1364528 | .0570730 | 77.21958 |
| #2 | .2361852 | -.040267 | 7.316877 | .1417580 | .0544131 | 77.08481 |
| #3 | .2379388 | -.039507 | 7.313069 | .1378991 | .0557915 | 76.81716 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.465838 | .0086509 | .2237825 | 399.3758 | .1594636 | .1631739 |
| Stddev | .007815  | .0000368 | .0002836 | 1.2662   | .0014181 | .0005029 |
| %RSD   | .3169511 | .4253042 | .1267326 | .3170341 | .8893120 | .3082033 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.465819 | .0086369 | .2240417 | 399.4766 | .1602337 | .1632835 |
| #2 | 2.473663 | .0086232 | .2234796 | 400.5885 | .1603301 | .1626252 |
| #3 | 2.458032 | .0086927 | .2238263 | 398.0622 | .1578270 | .1636130 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5223171 | 299.3222 | 19.17026 | 49.35183 | .3147538 | -.023802 |
| Stddev | .0041633 | .5697    | .06488   | .24875   | .0025787 | .000889  |
| %RSD   | .7970758 | .1903379 | .3384573 | .5040371 | .8192724 | 3.735249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5188329 | 299.1763 | 19.17499 | 49.53068 | .3176306 | -.023201 |
| #2 | .5269276 | 299.9507 | 19.23265 | 49.45705 | .3126501 | -.023382 |
| #3 | .5211907 | 298.8396 | 19.10314 | 49.06776 | .3139806 | -.024823 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.791345 | .2133653 | 26.40575 | 6.735672 | F 70.67243 | -.546004 |
| Stddev | .006199  | .0107299 | .12159   | .163707  | .04356     | .007741  |
| %RSD   | .3460487 | 5.028862 | .4604813 | 2.430441 | .0616306   | 1.417805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.785885 | .2040727 | 26.40424 | 6.619621 | 70.72269 | -.553713 |
| #2 | 1.798084 | .2251084 | 26.28491 | 6.922922 | 70.64567 | -.546067 |
| #3 | 1.790067 | .2109148 | 26.52809 | 6.664473 | 70.64893 | -.538231 |

Sample Name: P5128-02      Acquired: 01/04/2025 4:52:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0167524 | 4.278462 | 5.577709 | 1.125714 | 1.037604 | .3528750 |
| Stddev | .0001624 | .016348  | .032409  | .000664  | .007705  | .0011866 |
| %RSD   | .9694966 | .3821016 | .5810378 | .0589453 | .7425810 | .3362649 |
| #1     | .0169255 | 4.259651 | 5.603348 | 1.126319 | 1.039548 | .3541606 |
| #2     | .0167285 | 4.286499 | 5.588496 | 1.125819 | 1.044151 | .3526426 |
| #3     | .0166033 | 4.289236 | 5.541282 | 1.125004 | 1.029114 | .3518218 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1015917 |
| Stddev | .0011830 |
| %RSD   | 1.164481 |
| #1     | .1018121 |
| #2     | .1026490 |
| #3     | .1003140 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2161.843 | 21862.17 | 2163.904 | 1605.108 | 1856.803 |
| Stddev    | 8.631    | 128.29   | 4.631    | 13.016   | 7.663    |
| %RSD      | .3992317 | .5868259 | .2140110 | .8109325 | .4126795 |
| #1        | 2153.807 | 21956.88 | 2160.231 | 1610.602 | 1848.338 |
| #2        | 2170.965 | 21913.47 | 2162.375 | 1614.477 | 1863.267 |
| #3        | 2160.757 | 21716.17 | 2169.106 | 1590.246 | 1858.803 |

Sample Name: P5128-03      Acquired: 01/04/2025 4:56:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1698717 | -.015238 | 6.314007 | .0967766 | .0426866 | 64.91430 |
| Stddev | .0031850 | .005028  | .006582  | .0075799 | .0044433 | .06332   |
| %RSD   | 1.874920 | 32.99796 | .1042377 | 7.832380 | 10.40910 | .0975401 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1662631 | -.014942 | 6.312165 | .1027639 | .0417174 | 64.94554 |
| #2 | .1710616 | -.020407 | 6.308542 | .0993118 | .0388080 | 64.84143 |
| #3 | .1722904 | -.010364 | 6.321313 | .0882540 | .0475345 | 64.95592 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.617661 | .0061869 | .0116975 | 109.8303 | .1269427 | .1337613 |
| Stddev | .011241  | .0000450 | .0001903 | .1703    | .0014560 | .0004434 |
| %RSD   | .4294309 | .7275489 | 1.627023 | .1550544 | 1.146961 | .3314520 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.620897 | .0061981 | .0117399 | 109.8812 | .1286010 | .1342214 |
| #2 | 2.626928 | .0061373 | .0114896 | 109.9693 | .1258741 | .1333368 |
| #3 | 2.605156 | .0062252 | .0118631 | 109.6403 | .1263529 | .1337258 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4585459 | 196.5880 | 21.48401 | 25.56556 | .1975457 | -.012631 |
| Stddev | .0095182 | .4402    | .03827   | .17391   | .0007308 | .001392  |
| %RSD   | 2.075734 | .2239243 | .1781313 | .6802685 | .3699378 | 11.02212 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4649354 | 197.0940 | 21.51710 | 25.74614 | .1975399 | -.011174 |
| #2 | .4630957 | 196.2928 | 21.44210 | 25.55137 | .1968178 | -.012771 |
| #3 | .4476067 | 196.3772 | 21.49282 | 25.39918 | .1982793 | -.013948 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5217915 | .1776234 | 2.783422 | 4.610258 | F 10.04317 | -.368501 |
| Stddev | .0078064 | .0127267 | .014446  | .131215  | .00743     | .001758  |
| %RSD   | 1.496081 | 7.165006 | .5189892 | 2.846151 | .0739542   | .4770875 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5278908 | .1673299 | 2.768592 | 4.459869 | 10.04483 | -.366640 |
| #2 | .5129939 | .1918532 | 2.784223 | 4.701411 | 10.04963 | -.368728 |
| #3 | .5244899 | .1736872 | 2.797450 | 4.669494 | 10.03506 | -.370134 |

Sample Name: P5128-03      Acquired: 01/04/2025 4:56:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHME6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0122406 | 2.663479 | 5.018708 | .1326891 | .7712120 | .0095244 |
| Stddev | .0008507 | .005062  | .019178  | .0011652 | .0052181 | .0007207 |
| %RSD   | 6.949643 | .1900393 | .3821276 | .8781651 | .6766060 | 7.566894 |
| #1     | .0114913 | 2.667423 | 5.040436 | .1330759 | .7681153 | .0088039 |
| #2     | .0120653 | 2.657771 | 5.011546 | .1336117 | .7682842 | .0095240 |
| #3     | .0131653 | 2.665242 | 5.004142 | .1313796 | .7772365 | .0102453 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0665388 |
| Stddev | .0056906 |
| %RSD   | 8.552326 |
| #1     | .0716645 |
| #2     | .0675368 |
| #3     | .0604152 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2216.532 | 22394.73 | 2165.154 | 1647.333 | 1951.185 |
| Stddev    | 3.393    | 23.28    | 11.135   | 2.789    | 4.169    |
| %RSD      | .1530861 | .1039555 | .5142898 | .1693177 | .2136638 |
| #1        | 2216.697 | 22370.78 | 2152.489 | 1649.940 | 1954.475 |
| #2        | 2219.839 | 22396.15 | 2169.570 | 1647.668 | 1952.584 |
| #3        | 2213.059 | 22417.27 | 2173.405 | 1644.392 | 1946.497 |



Sample Name: P5128-04      Acquired: 01/04/2025 5:00:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2004019 | -.012290 | 1.902871 | .0639846 | .0385063 | 64.81441 |
| Stddev | .0032934 | .005083  | .002508  | .0069467 | .0039530 | 3.30816  |
| %RSD   | 1.643388 | 41.35822 | .1317884 | 10.85678 | 10.26587 | 5.104048 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2039028 | -.017262 | 1.905500 | .0599835 | .0404862 | 66.69988 |
| #2 | .1999375 | -.012506 | 1.902607 | .0720058 | .0410781 | 66.74877 |
| #3 | .1973653 | -.007103 | 1.900505 | .0599643 | .0339546 | 60.99458 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.385711 | .0054846 | .0080859 | 177.8763 | .1999051 | .1120797 |
| Stddev | .069166  | .0001920 | .0000409 | 9.2150   | .0020657 | .0011496 |
| %RSD   | 4.991346 | 3.501247 | .5055652 | 5.180575 | 1.033355 | 1.025682 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.419884 | .0054543 | .0080964 | 183.0420 | .2021851 | .1132202 |
| #2 | 1.431140 | .0056900 | .0080408 | 183.3497 | .1993721 | .1109212 |
| #3 | 1.306111 | .0053095 | .0081205 | 167.2372 | .1981581 | .1120976 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3811055 | 167.2206 | 10.07736 | 77.89139 | .2227498 | -.013226 |
| Stddev | .0108317 | 8.9594   | .52297   | 4.10372  | .0008266 | .000920  |
| %RSD   | 2.842173 | 5.357807 | 5.189550 | 5.268517 | .3710922 | 6.956700 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3864756 | 172.5321 | 10.36723 | 80.27294 | .2235032 | -.012234 |
| #2 | .3882030 | 172.2532 | 10.39120 | 80.24840 | .2228807 | -.013393 |
| #3 | .3686380 | 156.8765 | 9.47364  | 73.15285 | .2218656 | -.014051 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7140441 | .1717842 | 2.452307 | 7.304434 | F 12.85745 | -.287635 |
| Stddev | .0410054 | .0099426 | .024947  | .347133  | .02623     | .010708  |
| %RSD   | 5.742693 | 5.787831 | 1.017293 | 4.752356 | .2040007   | 3.722862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7340904 | .1644955 | 2.480297 | 7.544651 | 12.85329 | -.297643 |
| #2 | .7411700 | .1831104 | 2.432415 | 7.462216 | 12.83356 | -.288920 |
| #3 | .6668719 | .1677468 | 2.444209 | 6.906435 | 12.88552 | -.276343 |

Sample Name: P5128-04      Acquired: 01/04/2025 5:00:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0161074 | 5.410238 | 5.446750 | .0789550 | 1.097884 | .1485357 |
| Stddev | .0011549 | .018417  | .266400  | .0011298 | .060416  | .0077093 |
| %RSD   | 7.170199 | .3404065 | 4.890983 | 1.430907 | 5.502967 | 5.190171 |
| #1     | .0174365 | 5.390935 | 5.643023 | .0801401 | 1.132730 | .1526509 |
| #2     | .0153473 | 5.412161 | 5.553738 | .0778902 | 1.132800 | .1533141 |
| #3     | .0155386 | 5.427617 | 5.143488 | .0788347 | 1.028122 | .1396420 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0747675 |
| Stddev | .0016757 |
| %RSD   | 2.241245 |
| #1     | .0733624 |
| #2     | .0766222 |
| #3     | .0743179 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1989.093 | 19932.50 | 2043.496 | 1470.426 | 1872.776 |
| Stddev    | 6.188    | 182.43   | 90.886   | 7.518    | 5.811    |
| %RSD      | .3111193 | .9152623 | 4.447590 | .5112540 | .3102975 |
| #1        | 1981.949 | 19752.40 | 1981.106 | 1462.785 | 1866.091 |
| #2        | 1992.813 | 20117.18 | 2001.608 | 1477.813 | 1876.628 |
| #3        | 1992.516 | 19927.93 | 2147.773 | 1470.681 | 1875.608 |

Sample Name: P5128-05      Acquired: 01/04/2025 5:04:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2311707 | -.025737 | 1.879182 | .0891143 | .0489806   | 73.01852 |
| Stddev | .0066845 | .002013  | .007469  | .0045188 | .0020263   | .08561   |
| %RSD   | 2.891595 | 7.821331 | .3974816 | 5.070760 | 4.136912   | .1172472 |
| #1     | .2267208 | -.025183 | 1.872609 | .0942041 | .0512597   | 73.00804 |
| #2     | .2279338 | -.027968 | 1.877632 | .0855745 | .0473828   | 73.10889 |
| #3     | .2388575 | -.024058 | 1.887305 | .0875643 | .0482994   | 72.93863 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.397872 | .0067957 | .0085540 | 176.5718 | .2037599   | .1164739 |
| Stddev | .000874  | .0002839 | .0001306 | .2668    | .0005474   | .0003878 |
| %RSD   | .0625152 | 4.178282 | 1.526160 | .1510933 | .2686314   | .3329204 |
| #1     | 1.398073 | .0067886 | .0086407 | 176.4106 | .2043892   | .1168013 |
| #2     | 1.398628 | .0065154 | .0084039 | 176.8797 | .2034963   | .1160457 |
| #3     | 1.396915 | .0070832 | .0086175 | 176.4250 | .2033943   | .1165748 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4192263 | 207.2672 | 10.66553 | 83.88762 | .2423400   | -.016028 |
| Stddev | .0032122 | .5214    | .01451   | .13592   | .0017127   | .000127  |
| %RSD   | .7662197 | .2515796 | .1360171 | .1620266 | .7067313   | .7939110 |
| #1     | .4195699 | 207.8205 | 10.65947 | 84.02055 | .2441609   | -.015883 |
| #2     | .4158562 | 207.1961 | 10.68209 | 83.74889 | .2420980   | -.016087 |
| #3     | .4222529 | 206.7849 | 10.65504 | 83.89340 | .2407612   | -.016116 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7704967 | .1870849 | 3.082592 | 7.072609 | F 13.32545 | -.372710 |
| Stddev | .0236912 | .0091217 | .020292  | .078358  | .02250     | .004104  |
| %RSD   | 3.074799 | 4.875700 | .6582615 | 1.107906 | .1688313   | 1.101163 |
| #1     | .7846203 | .1781043 | 3.074776 | 7.008783 | 13.30157   | -.369430 |
| #2     | .7431453 | .1963414 | 3.105629 | 7.160061 | 13.34625   | -.377312 |
| #3     | .7837245 | .1868089 | 3.067370 | 7.048981 | 13.32852   | -.371387 |

Sample Name: P5128-05      Acquired: 01/04/2025 5:04:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0163747 | 4.623787 | 5.873060 | .0840787 | 1.163987 | .1077710 |
| Stddev | .0006804 | .004204  | .032008  | .0005611 | .012613  | .0002939 |
| %RSD   | 4.155174 | .0909152 | .5449918 | .6673597 | 1.083579 | .2726699 |
| #1     | .0171602 | 4.619091 | 5.840842 | .0839991 | 1.176271 | .1074912 |
| #2     | .0159933 | 4.627200 | 5.904854 | .0835616 | 1.164622 | .1077447 |
| #3     | .0159705 | 4.625070 | 5.873483 | .0846753 | 1.151069 | .1080772 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0914987 |
| Stddev | .0032077 |
| %RSD   | 3.505728 |
| #1     | .0942881 |
| #2     | .0922145 |
| #3     | .0879936 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2011.217 | 20341.78 | 1985.056 | 1496.087 | 1882.044 |
| Stddev    | 1.968    | 62.20    | 6.646    | 11.496   | 4.029    |
| %RSD      | .0978560 | .3057717 | .3348127 | .7684022 | .2140776 |
| #1        | 2010.217 | 20306.07 | 1985.631 | 1490.634 | 1885.504 |
| #2        | 2009.949 | 20305.67 | 1978.141 | 1488.332 | 1877.621 |
| #3        | 2013.484 | 20413.60 | 1991.396 | 1509.294 | 1883.008 |

Sample Name: P5128-06      Acquired: 01/04/2025 5:08:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1690805 | -.010351 | 1.317801 | .0563692 | .0323905 | 55.48737 | .8167923 |
| Stddev | .0044185 | .005073  | .003317  | .0126554 | .0046249 | 4.76167  | .0749034 |
| %RSD   | 2.613241 | 49.01141 | .2517069 | 22.45085 | 14.27847 | 8.581532 | 9.170440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1733561 | -.016209 | 1.321061 | .0649270 | .0328974 | 58.66212 | .8709284 |
| #2 | .1645318 | -.007414 | 1.314430 | .0418321 | .0275330 | 50.01230 | .7313078 |
| #3 | .1693537 | -.007430 | 1.317913 | .0623486 | .0367410 | 57.78769 | .8481408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047624 | .0060515 | 127.8522 | .1148921 | .0957683 | .2263001 | 135.3720 |
| Stddev | .0004597 | .0003600 | 10.6221  | .0013323 | .0008813 | .0274794 | 11.6550  |
| %RSD   | 9.653042 | 5.949556 | 8.308088 | 1.159646 | .9202729 | 12.14289 | 8.609626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051801 | .0057518 | 135.2630 | .1133849 | .0948601 | .2545786 | 143.2485 |
| #2 | .0042699 | .0064509 | 115.6829 | .1159129 | .0958248 | .1996965 | 121.9834 |
| #3 | .0048371 | .0059518 | 132.6108 | .1153787 | .0966200 | .2246253 | 140.8842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.833683 | 65.31309 | .1558361 | -.012827 | .6061308 | .1200327 | 1.865300 |
| Stddev | .575503  | 5.69309  | .0003558 | .001294  | .0700432 | .0068685 | .006111  |
| %RSD   | 8.421563 | 8.716620 | .2282919 | 10.08989 | 11.55579 | 5.722163 | .3276133 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.215424 | 69.12345 | .1554365 | -.011606 | .6589298 | .1279614 | 1.864072 |
| #2 | 6.171740 | 58.76871 | .1559535 | -.012692 | .5266724 | .1162336 | 1.871932 |
| #3 | 7.113884 | 68.04712 | .1561183 | -.014184 | .6327903 | .1159031 | 1.859897 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.589655 | 9.630419 | -.247006 | .0114543 | 2.151948 | 5.854329 | .0582207 |
| Stddev | .558840  | .019587  | .014271  | .0004823 | .003796  | .397354  | .0026043 |
| %RSD   | 12.17607 | .2033842 | 5.777602 | 4.210269 | .1763877 | 6.787358 | 4.473107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.863154 | 9.620122 | -.259925 | .0120027 | 2.153449 | 6.152673 | .0581223 |
| #2 | 3.946743 | 9.618129 | -.231687 | .0112640 | 2.154763 | 5.403274 | .0556670 |
| #3 | 4.959068 | 9.653007 | -.249407 | .0110963 | 2.147631 | 6.007040 | .0608728 |

Sample Name: P5128-06      Acquired: 01/04/2025 5:08:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9831219 | .0778944 | .0627407 |
| Stddev | .0835671 | .0055284 | .0046466 |
| %RSD   | 8.500173 | 7.097247 | 7.405954 |
| #1     | 1.034708 | .0815416 | .0668504 |
| #2     | .886706  | .0715336 | .0576987 |
| #3     | 1.027951 | .0806079 | .0636730 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1955.247 | 19647.71 | 1989.843 | 1440.858 | 1860.271 |
| Stddev    | 3.394    | 89.95    | 140.954  | 2.261    | 3.074    |
| %RSD      | .1736078 | .4578040 | 7.083696 | .1569209 | .1652353 |
| #1        | 1952.315 | 19636.72 | 1886.349 | 1440.217 | 1856.899 |
| #2        | 1954.461 | 19742.65 | 2150.378 | 1443.370 | 1862.917 |
| #3        | 1958.966 | 19563.76 | 1932.802 | 1438.986 | 1860.997 |

Sample Name: P5128-07      Acquired: 01/04/2025 5:11:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2085119 | -.031814 | 3.913921 | .0933336 | .0438375 | 66.57172 |
| Stddev | .0065391 | .004566  | .003980  | .0087063 | .0047102 | .25758   |
| %RSD   | 3.136085 | 14.35246 | .1016823 | 9.328134 | 10.74466 | .3869159 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2022850 | -.029861 | 3.913970 | .1011645 | .0491100 | 66.42538 |
| #2 | .2079269 | -.037032 | 3.917876 | .0948777 | .0400452 | 66.86913 |
| #3 | .2153239 | -.028549 | 3.909917 | .0839585 | .0423573 | 66.42065 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.470534 | .0065797 | .0073989 | 219.5538 | .1252391 | .1134285 |
| Stddev | .003123  | .0001531 | .0001047 | .7608    | .0010921 | .0004622 |
| %RSD   | .2123393 | 2.327052 | 1.415179 | .3465066 | .8720098 | .4074818 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.469428 | .0064269 | .0073007 | 219.0376 | .1261427 | .1139058 |
| #2 | 1.474059 | .0067331 | .0073869 | 220.4275 | .1240256 | .1133965 |
| #3 | 1.468116 | .0065789 | .0075091 | 219.1965 | .1255492 | .1129831 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.635439 | 226.8280 | 8.349182 | 75.31441 | .1986264 | -.019858 |
| Stddev | .005963  | 1.0833   | .023049  | .52587   | .0010922 | .002122  |
| %RSD   | .3645828 | .4775967 | .2760671 | .6982328 | .5498779 | 10.68733 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.635772 | 226.9073 | 8.340475 | 74.96122 | .1997223 | -.022307 |
| #2 | 1.629317 | 227.8695 | 8.375316 | 75.91877 | .1986188 | -.018696 |
| #3 | 1.641228 | 225.7072 | 8.331753 | 75.06324 | .1975380 | -.018570 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.982502 | .1499894 | 9.258716 | 6.613277 | F 13.58778 | -.237392 |
| Stddev | .060773  | .0164796 | .047178  | .099143  | .01102     | .007976  |
| %RSD   | 1.219728 | 10.98717 | .5095500 | 1.499147 | .0810853   | 3.360002 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.958381 | .1656103 | 9.245656 | 6.585741 | 13.58202 | -.228494 |
| #2 | 5.051633 | .1515901 | 9.219444 | 6.530812 | 13.60049 | -.243901 |
| #3 | 4.937493 | .1327679 | 9.311048 | 6.723277 | 13.58084 | -.239781 |

Sample Name: P5128-07      Acquired: 01/04/2025 5:11:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149845 | 3.086966 | 4.692639 | .9979921 | 1.128881 | .1546663 |
| Stddev | .0004092 | .006231  | .060776  | .0022279 | .007569  | .0002795 |
| %RSD   | 2.731070 | .2018393 | 1.295144 | .2232368 | .6705028 | .1807115 |
| #1     | .0145605 | 3.081214 | 4.636517 | .9954509 | 1.120420 | .1545774 |
| #2     | .0150159 | 3.086101 | 4.757190 | .9996092 | 1.135010 | .1549794 |
| #3     | .0153771 | 3.093584 | 4.684209 | .9989162 | 1.131214 | .1544421 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0783257 |
| Stddev | .0041961 |
| %RSD   | 5.357241 |
| #1     | .0745969 |
| #2     | .0828696 |
| #3     | .0775107 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2018.425 | 20441.73 | 2006.828 | 1499.615 | 1891.231 |
| Stddev    | 7.786    | 51.06    | 21.325   | 7.642    | 5.728    |
| %RSD      | .3857515 | .2497590 | 1.062641 | .5095652 | .3028511 |
| #1        | 2014.510 | 20386.89 | 2023.605 | 1494.441 | 1887.432 |
| #2        | 2013.373 | 20450.42 | 1982.830 | 1508.392 | 1888.443 |
| #3        | 2027.391 | 20487.89 | 2014.048 | 1496.012 | 1897.819 |



Sample Name: CCV111      Acquired: 01/04/2025 5:15:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV111      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.874409 | 4.841920 | 24.68660 | 4.835272 | 4.909263 | 407.4164 | 9.908936 |
| Stddev | .016652  | .019199  | .01254   | .011972  | .003487  | 3.6138   | .086647  |
| %RSD   | .3416232 | .3965150 | .0508031 | .2475985 | .0710264 | .8870162 | .8744353 |
| #1     | 4.862194 | 4.841619 | 24.69312 | 4.821928 | 4.909341 | 403.6782 | 9.811310 |
| #2     | 4.893377 | 4.861267 | 24.69454 | 4.845071 | 4.905738 | 407.6795 | 9.938787 |
| #3     | 4.867658 | 4.822873 | 24.67214 | 4.838817 | 4.912710 | 410.8915 | 9.976711 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5192939 | 2.480723 | 402.9194 | 15.63667 | 2.519183 | 15.26658 | 414.5709 |
| Stddev | .0027764 | .003221  | 3.3868   | .04834   | .002927  | .15109   | 2.9260   |
| %RSD   | .5346562 | .1298321 | .8405767 | .3091390 | .1161931 | .9896535 | .7058013 |
| #1     | .5161487 | 2.480778 | 399.2006 | 15.66133 | 2.519858 | 15.11622 | 411.4749 |
| #2     | .5203289 | 2.483916 | 403.7304 | 15.58097 | 2.521714 | 15.26513 | 414.9472 |
| #3     | .5214042 | 2.477475 | 405.8270 | 15.66770 | 2.515977 | 15.41839 | 417.2906 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.28036 | 414.5909 | 2.494438 | 1.234008 | 431.8218 | 2.579815 | 14.99448 |
| Stddev | .10050   | 3.7838   | .003284  | .001378  | 4.2735   | .025408  | .09625   |
| %RSD   | .6577326 | .9126490 | .1316475 | .1116814 | .9896443 | .9848752 | .6418916 |
| #1     | 15.16547 | 410.5534 | 2.490725 | 1.235592 | 427.0329 | 2.558887 | 15.07235 |
| #2     | 15.32365 | 415.1636 | 2.496963 | 1.233078 | 433.1857 | 2.572472 | 14.88687 |
| #3     | 15.35197 | 418.0556 | 2.495625 | 1.233356 | 435.2469 | 2.608086 | 15.02422 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 149.5041 | 5.008665 | 4.581598 | 4.903422 | 4.917700 | 5.125564 | 4.989252 |
| Stddev | 1.2502   | .010092  | .028157  | .003576  | .006256  | .022539  | .001462  |
| %RSD   | .8362119 | .2014830 | .6145627 | .0729208 | .1272143 | .4397397 | .0293109 |
| #1     | 148.1137 | 5.018525 | 4.568406 | 4.901328 | 4.915791 | 5.111562 | 4.990169 |
| #2     | 149.8635 | 4.998357 | 4.562458 | 4.901388 | 4.924688 | 5.113566 | 4.990021 |
| #3     | 150.5353 | 5.009114 | 4.613928 | 4.907551 | 4.912621 | 5.151564 | 4.987565 |

Sample Name: CCV111      Acquired: 01/04/2025 5:15:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV111      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.080469 | 4.835672 | 4.718686 |
| Stddev | .035219  | .042515  | .047918  |
| %RSD   | .6932287 | .8791973 | 1.015489 |
| #1     | 5.042759 | 4.790661 | 4.664323 |
| #2     | 5.086136 | 4.841204 | 4.736944 |
| #3     | 5.112511 | 4.875150 | 4.754791 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1506.547 | 16240.38 | 1641.737 | 1111.096 | 1624.351 |
| Stddev    | 2.434    | 33.35    | 4.546    | 5.736    | 2.656    |
| %RSD      | .1615840 | .2053752 | .2769016 | .5162756 | .1635238 |
| #1        | 1504.191 | 16206.42 | 1646.161 | 1105.043 | 1621.587 |
| #2        | 1509.053 | 16273.10 | 1641.971 | 1116.452 | 1624.582 |
| #3        | 1506.397 | 16241.64 | 1637.078 | 1111.794 | 1626.885 |

Sample Name: CCB111      Acquired: 01/04/2025 5:19:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB111      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027843 | .0032928 | -.000104 | .0050942 | -.000617 | -.044285 | .0006400 |
| Stddev | .0015746 | .0034871 | .000724  | .0024186 | .002587  | .021153  | .0034050 |
| %RSD   | 56.55420 | 105.9010 | 695.9572 | 47.47736 | 419.2562 | 47.76442 | 532.0596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045587 | .0022725 | -.000834 | .0023023 | .001875  | -.024811 | .0045715 |
| #2 | .0015532 | .0004297 | -.000092 | .0065494 | -.003289 | -.066790 | -.001284 |
| #3 | .0022412 | .0071763 | .000614  | .0064311 | -.000437 | -.041255 | -.001367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000376 | .0000337 | -.058327 | .0006520 | -.000156 | .0068206 | -.003748 |
| Stddev | .0001656 | .0001628 | .034848  | .0005458 | .000532  | .0117308 | .029865  |
| %RSD   | 440.7750 | 483.5439 | 59.74512 | 83.72150 | 340.2706 | 171.9920 | 796.7546 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001997 | -.000001 | -.097641 | .0012315 | .000114  | .0159727 | -.001110 |
| #2 | .0000442 | -.000109 | -.046098 | .0005769 | -.000770 | .0108927 | .024710  |
| #3 | -.000131 | .000211  | -.031242 | .0001476 | .000186  | -.006404 | -.034845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067699 | -.140211 | -.001386 | .0000512 | .1579384 | -.003444 | .0049769 |
| Stddev | .0011554 | .092532  | .000804  | .0016882 | .0332782 | .011380  | .0005093 |
| %RSD   | 17.06674 | 65.99495 | 58.03624 | 3297.732 | 21.07038 | 330.4097 | 10.23407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057101 | -.247026 | -.001988 | .0017815 | .1942796 | -.012786 | .0051735 |
| #2 | .0065981 | -.089032 | -.001696 | -.001591 | .1505809 | .009230  | .0053586 |
| #3 | .0080016 | -.084573 | -.000473 | -.000036 | .1289546 | -.006776 | .0043985 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1464847 | -.000973 | .0069308 | .0002234 | -.013183 | -.001438 | .0006348 |
| Stddev | .1679557 | .001391  | .0022248 | .0009594 | .003002  | .000814  | .0009099 |
| %RSD   | 114.6575 | 142.9801 | 32.10052 | 429.4807 | 22.77146 | 56.61650 | 143.3379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3404224 | -.001724 | .0090580 | -.000874 | -.014290 | -.001640 | .0007011 |
| #2 | .0490418 | .000632  | .0071146 | .000905  | -.009785 | -.002131 | .0015098 |
| #3 | .0499899 | -.001828 | .0046197 | .000639  | -.015475 | -.000542 | -.000306 |

Sample Name: CCB111      Acquired: 01/04/2025 5:19:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB111      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004724 | -.000119 | .0071299 |
| Stddev | .002644  | .000318  | .0038619 |
| %RSD   | 55.97321 | 266.1882 | 54.16444 |
| #1     | -.007773 | .000242  | .0049435 |
| #2     | -.003335 | -.000354 | .0115889 |
| #3     | -.003063 | -.000246 | .0048572 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1831.407 | 18365.00 | 1777.836 | 1360.820 | 2026.283 |
| Stddev    | 2.040    | 21.99    | 12.943   | 6.233    | 2.217    |
| %RSD      | .1113854 | .1197281 | .7280241 | .4580364 | .1094143 |
| #1        | 1832.749 | 18375.00 | 1762.905 | 1362.595 | 2024.063 |
| #2        | 1832.412 | 18380.22 | 1784.727 | 1353.892 | 2028.497 |
| #3        | 1829.060 | 18339.79 | 1785.876 | 1365.974 | 2026.289 |