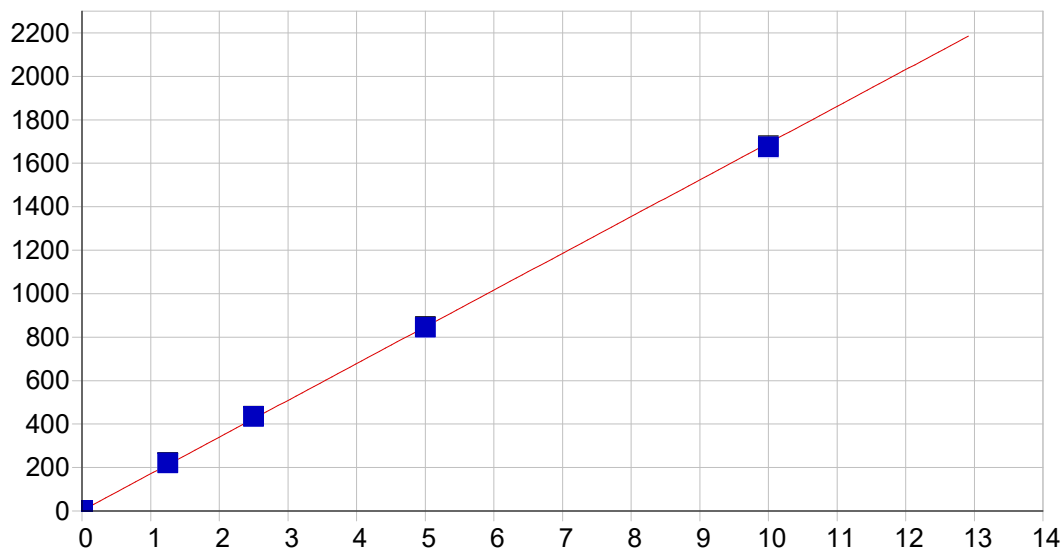


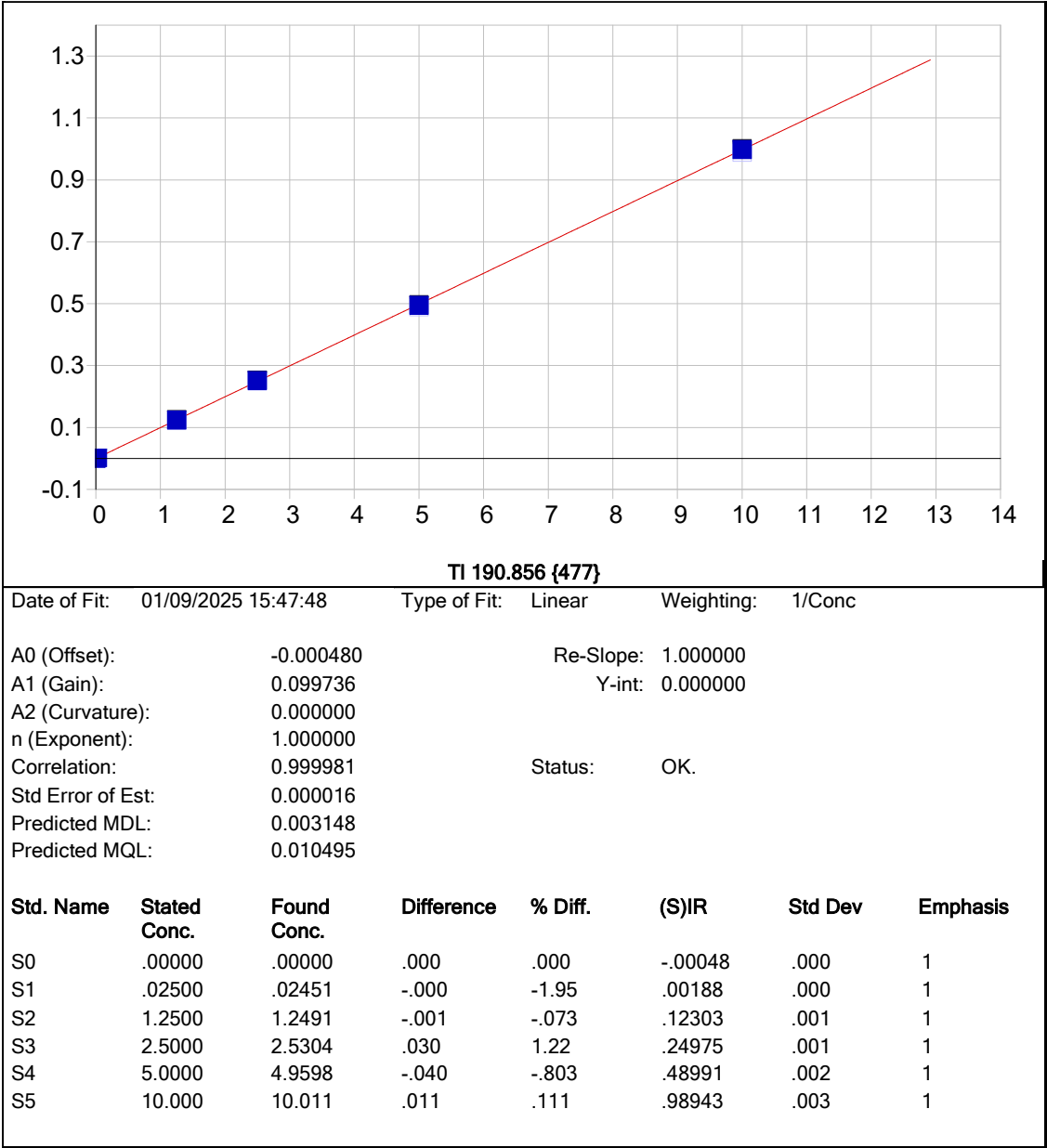


As 189.042 {478}

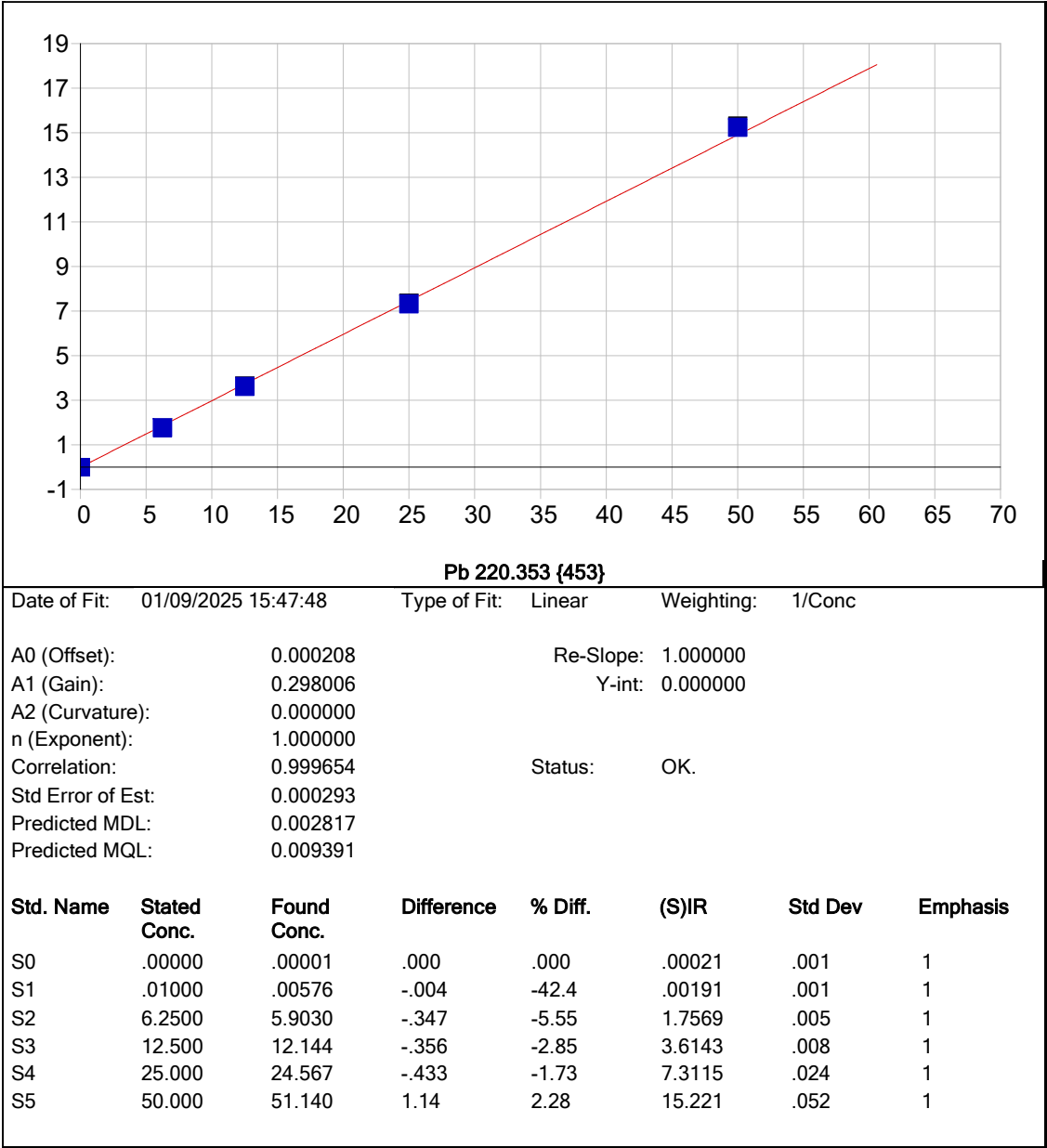
Date of Fit: 01/09/2025 15:47:48 Type of Fit: Linear Weighting: 1/Conc

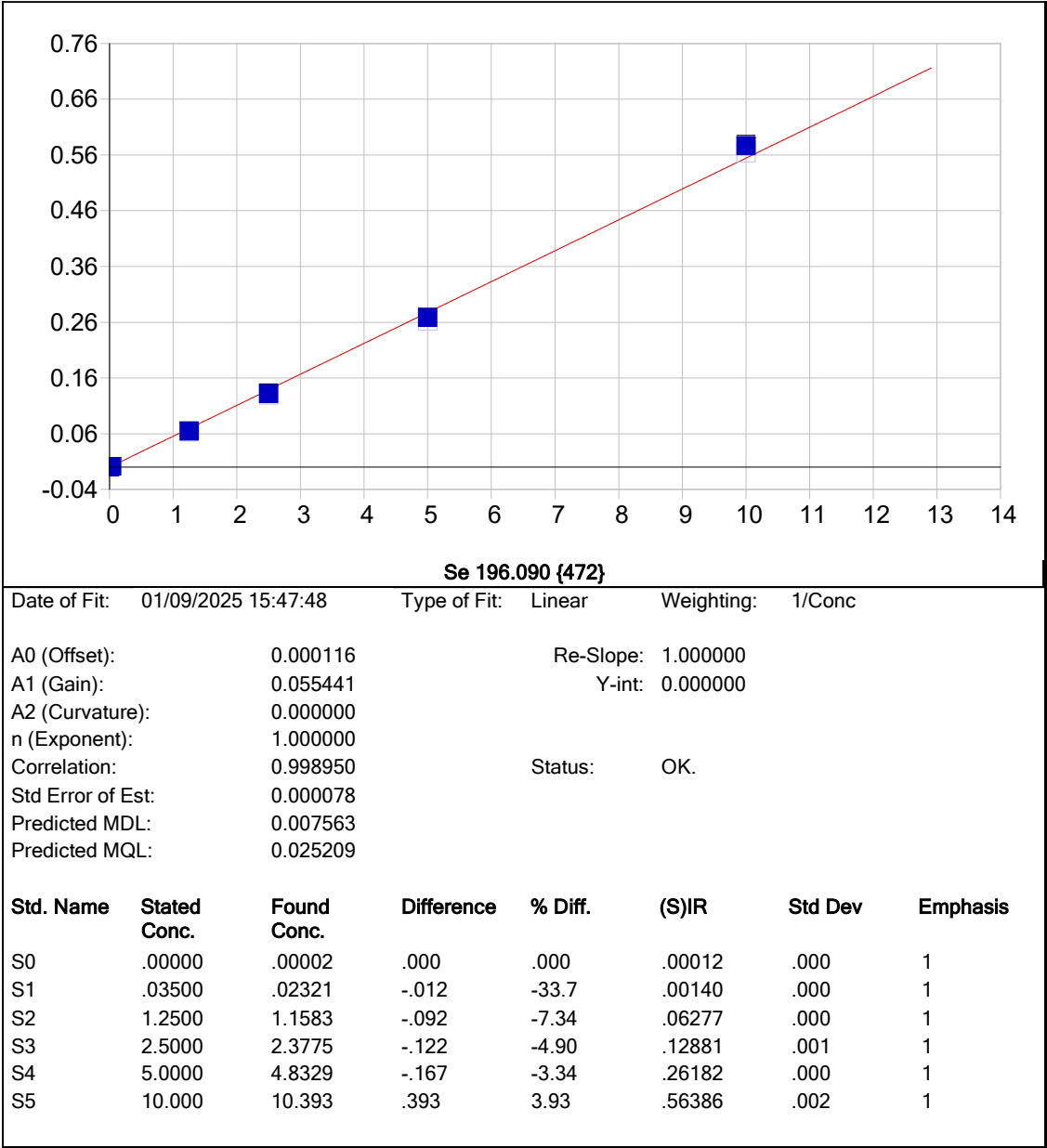
A0 (Offset): 1.601487 Re-Slope: 1.000000  
A1 (Gain): 169.100537 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999868 Status: OK.  
Std Error of Est: 0.045813  
Predicted MDL: 0.006390  
Predicted MQL: 0.021299

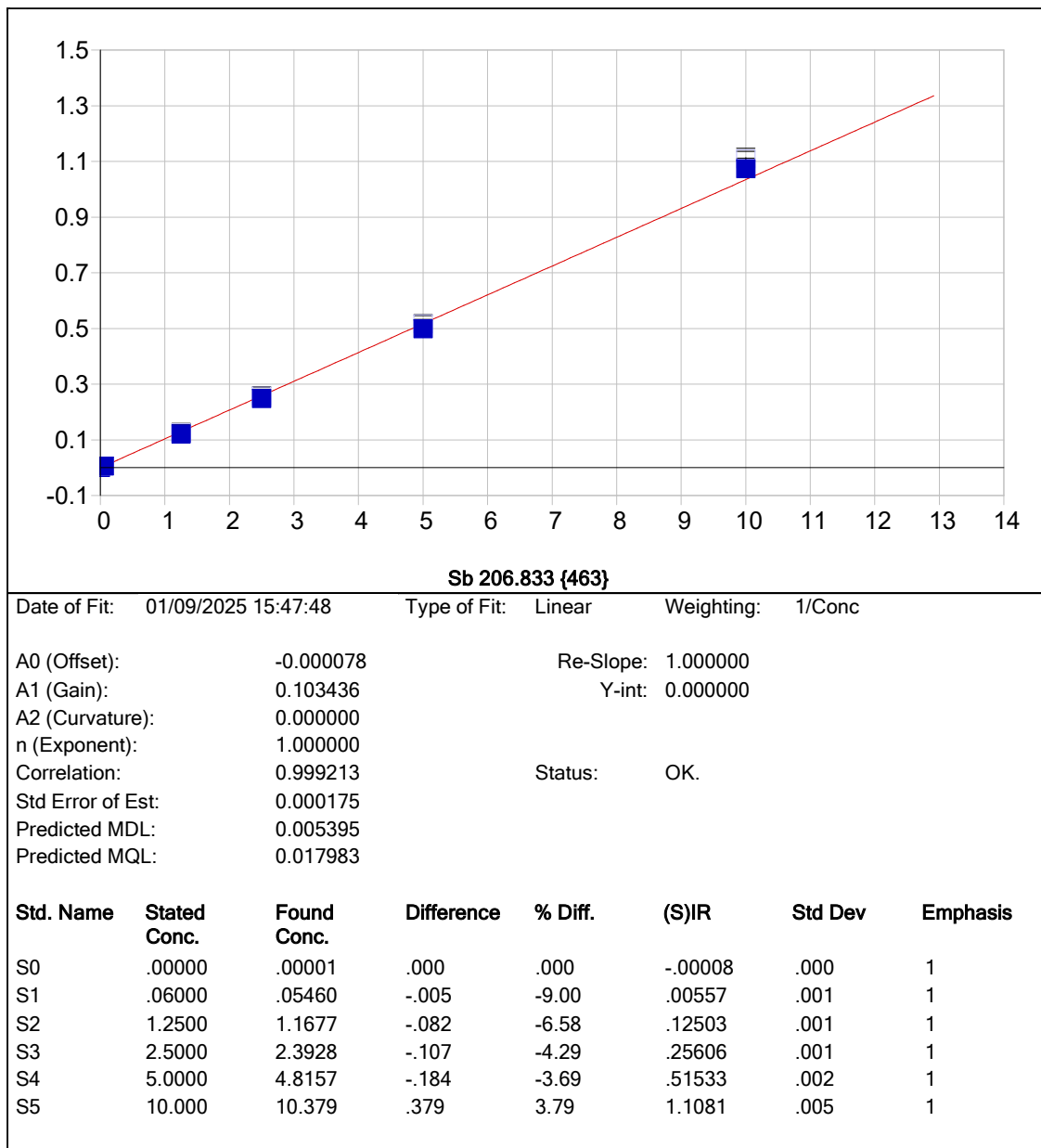
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | 1.6009 | .351    | 1        |
| S1        | .01000       | .01300      | .003       | 30.0    | 3.7973 | .422    | 1        |
| S2        | 1.2500       | 1.2968      | .047       | 3.74    | 220.06 | .992    | 1        |
| S3        | 2.5000       | 2.5564      | .056       | 2.25    | 432.24 | 1.76    | 1        |
| S4        | 5.0000       | 4.9921      | -.008      | -.157   | 842.48 | 2.60    | 1        |
| S5        | 10.000       | 9.9017      | -.098      | -.983   | 1669.4 | 4.75    | 1        |

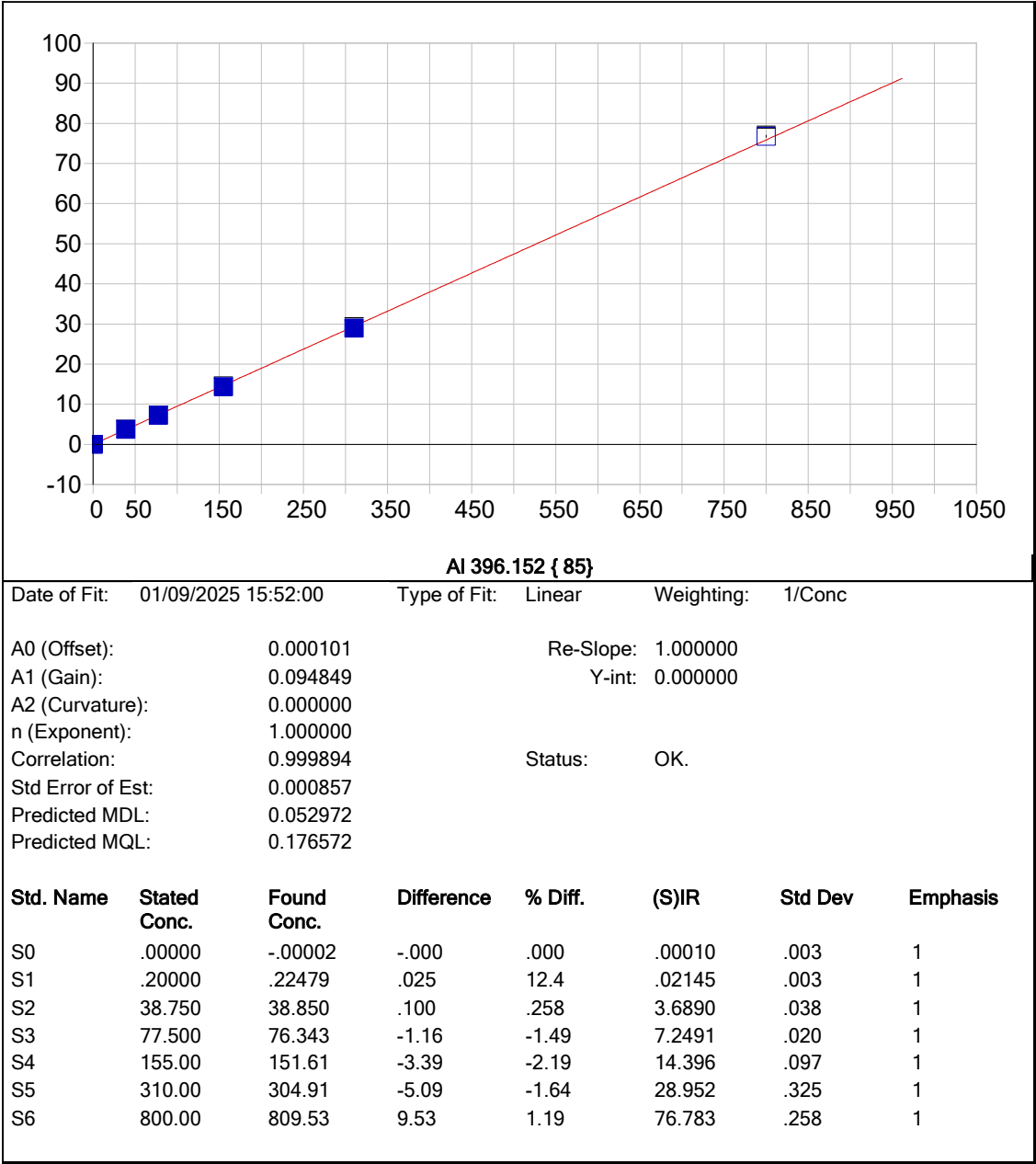


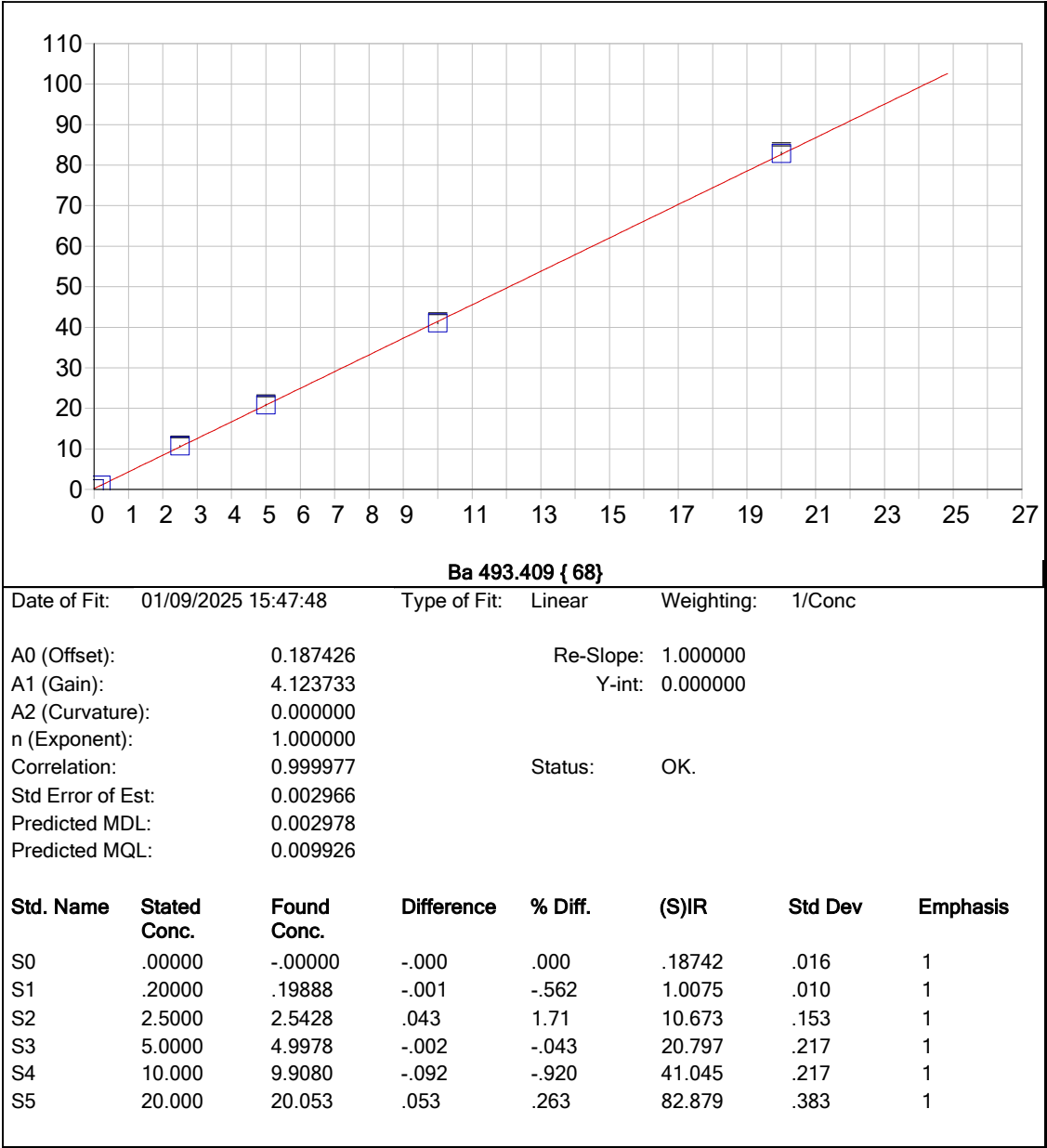


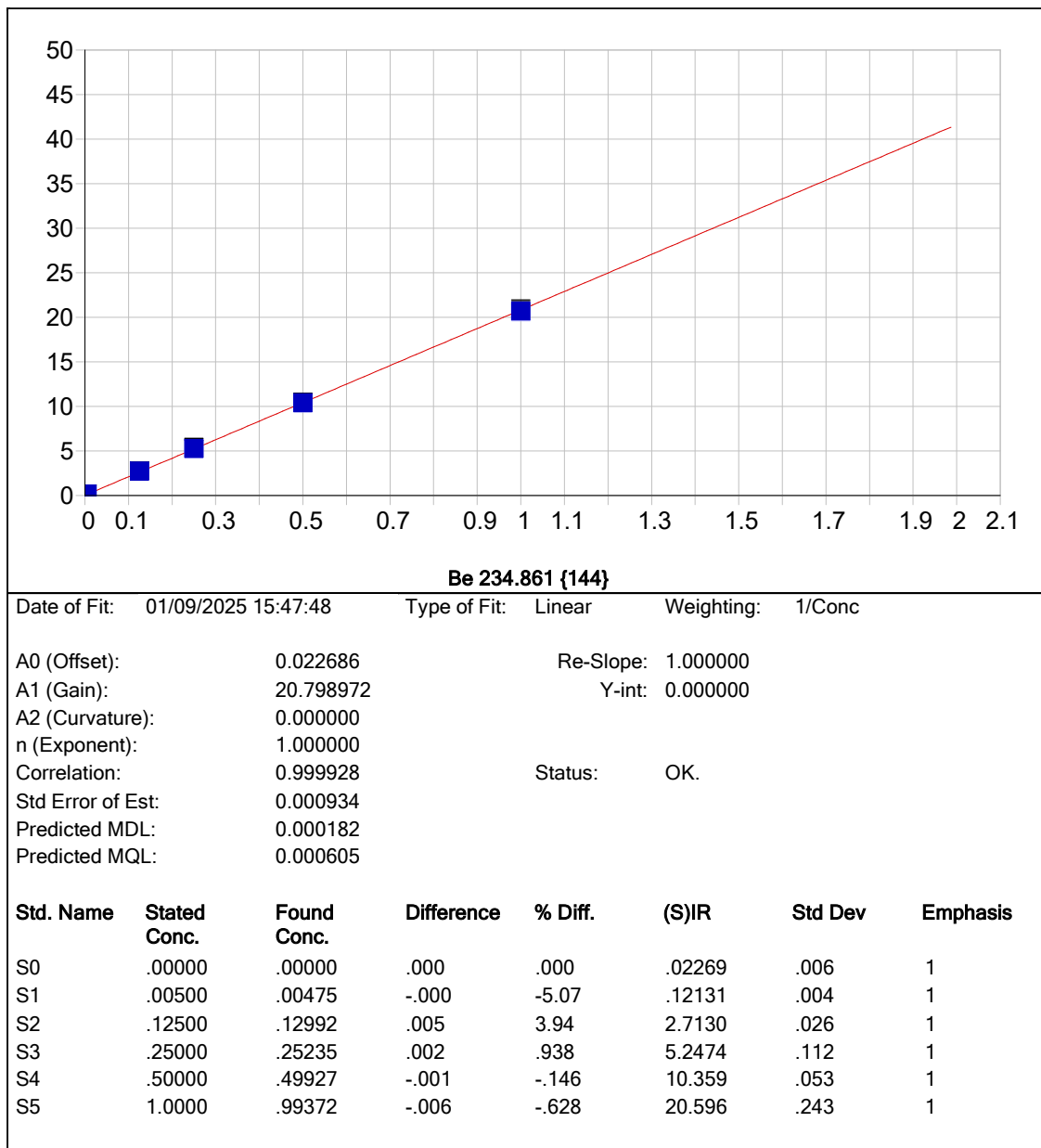


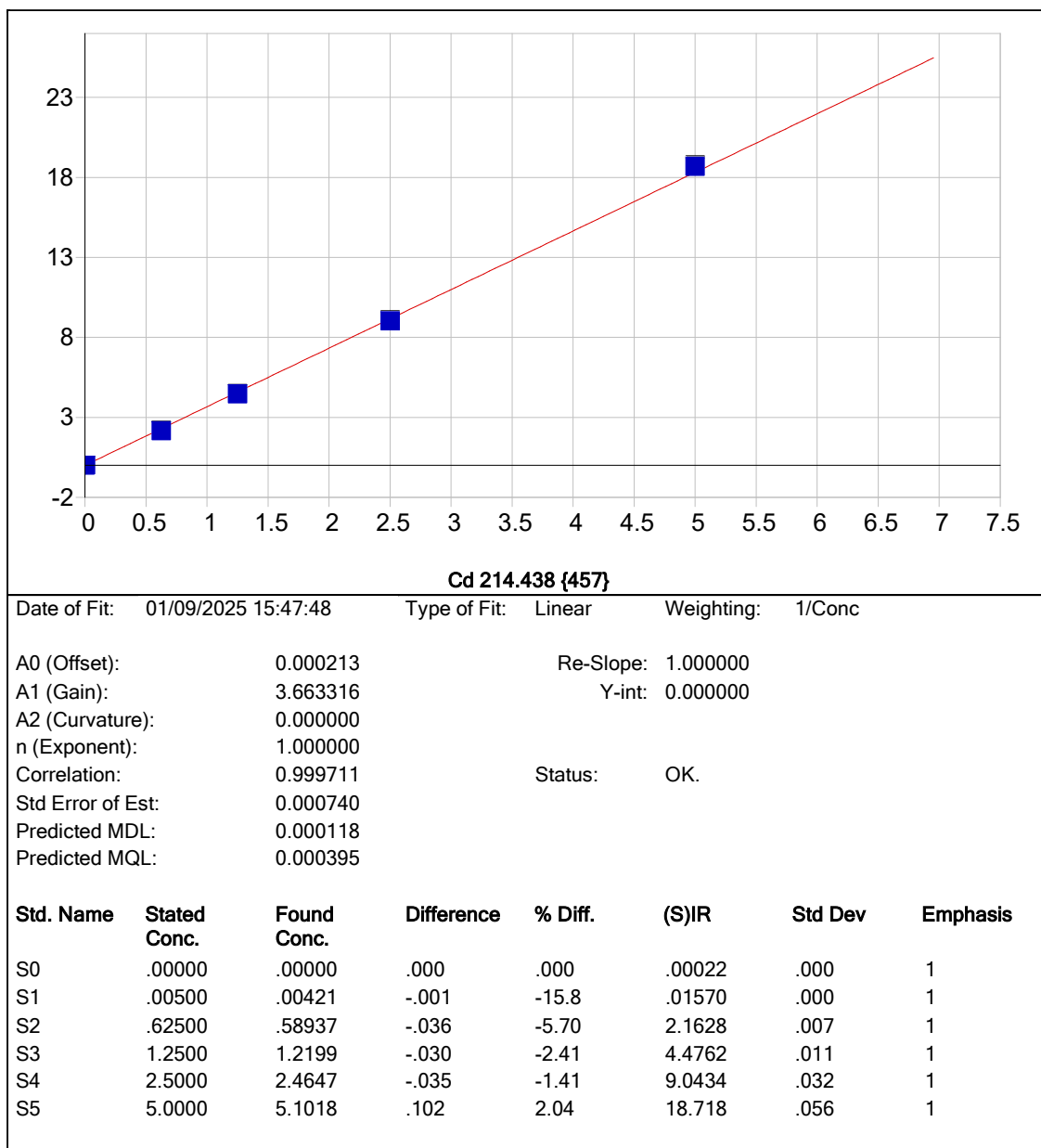


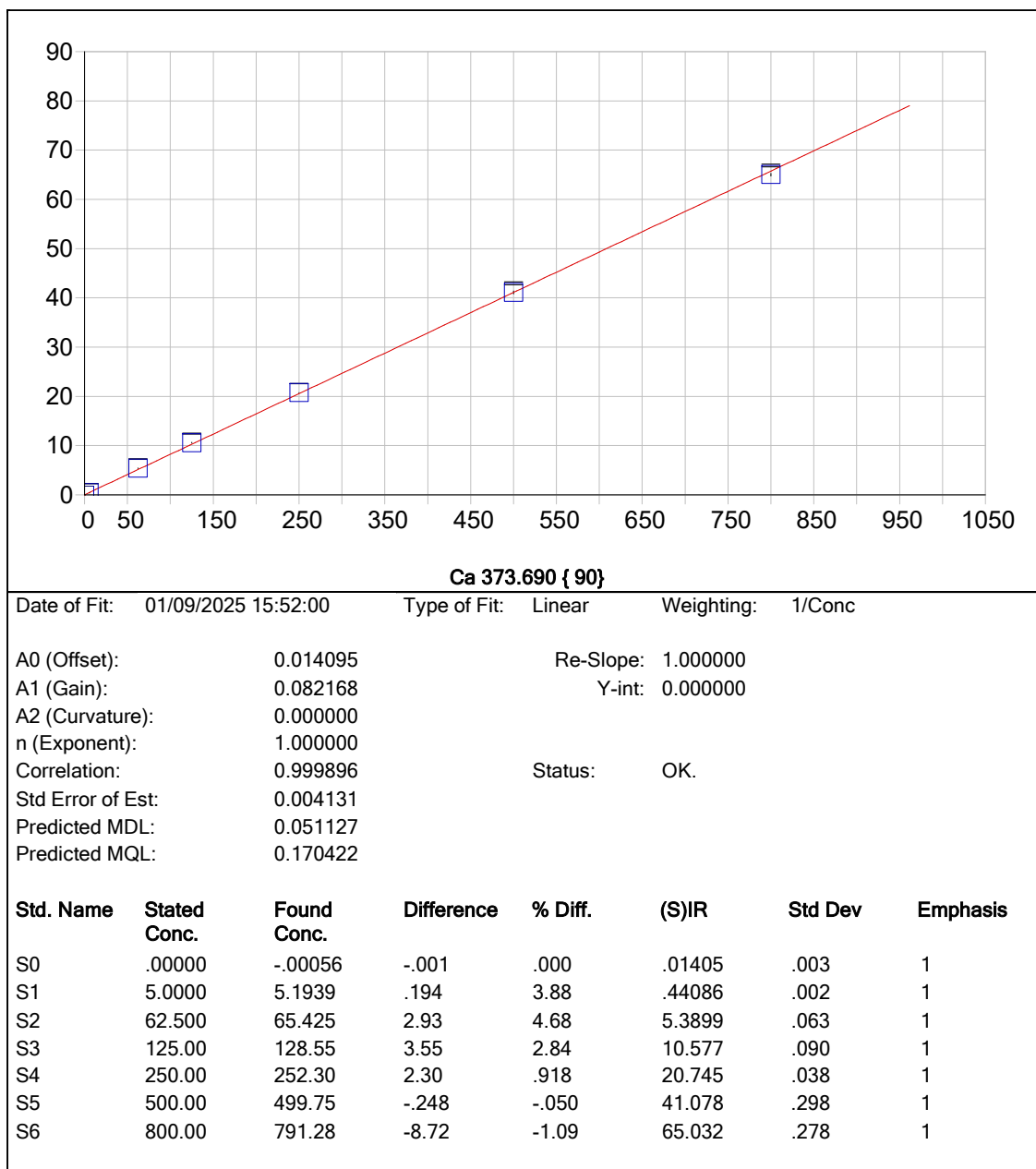




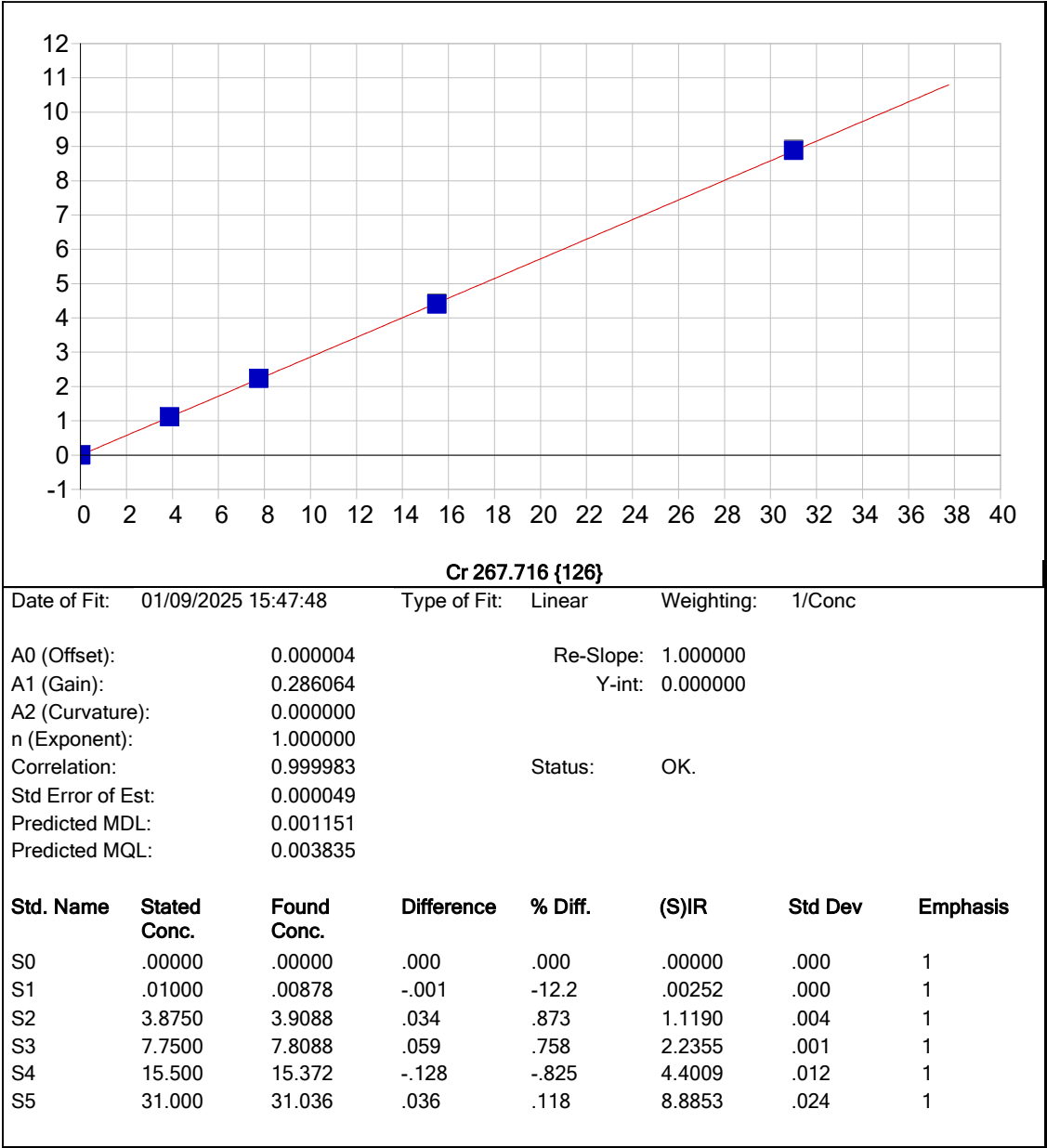


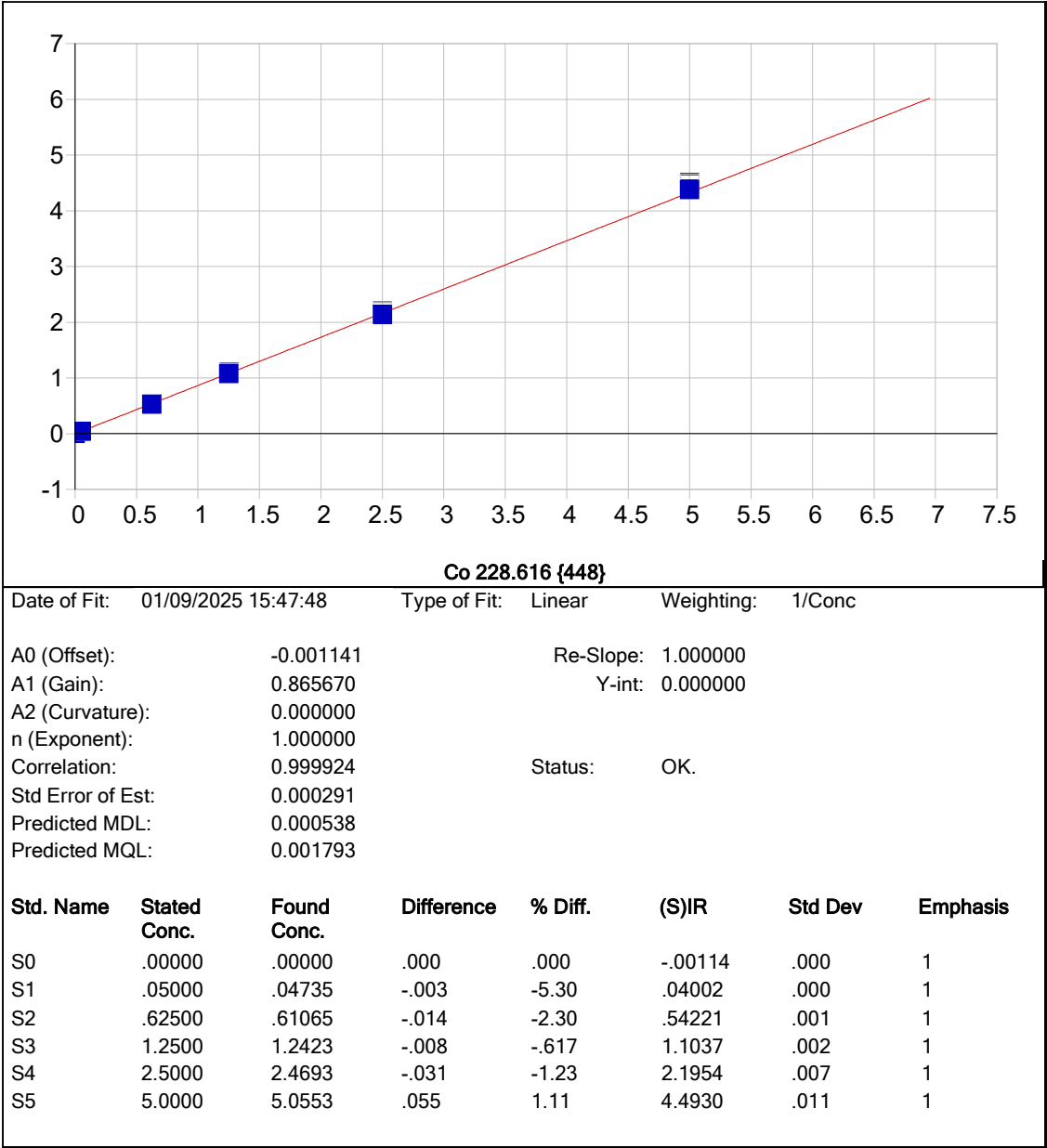


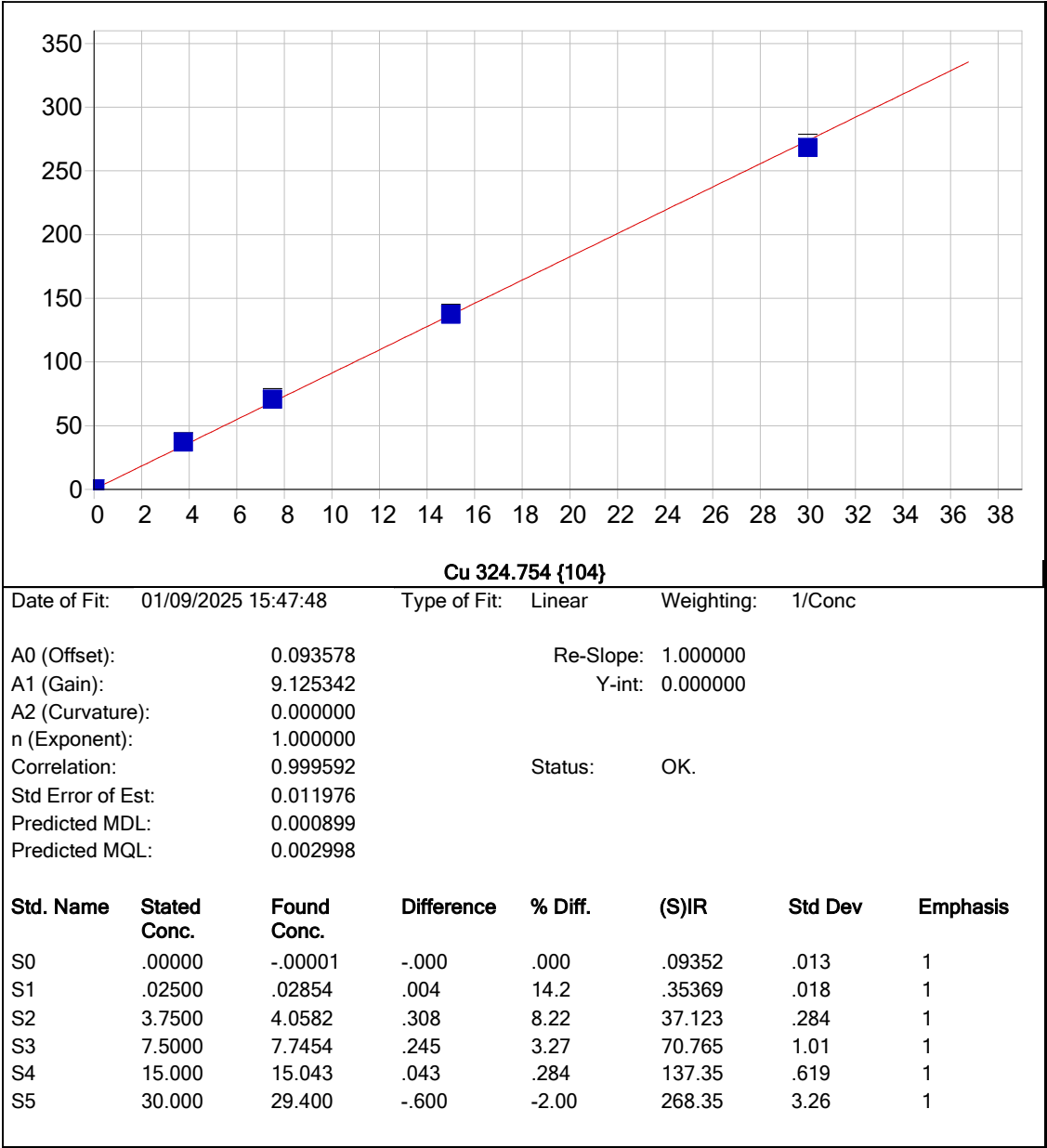


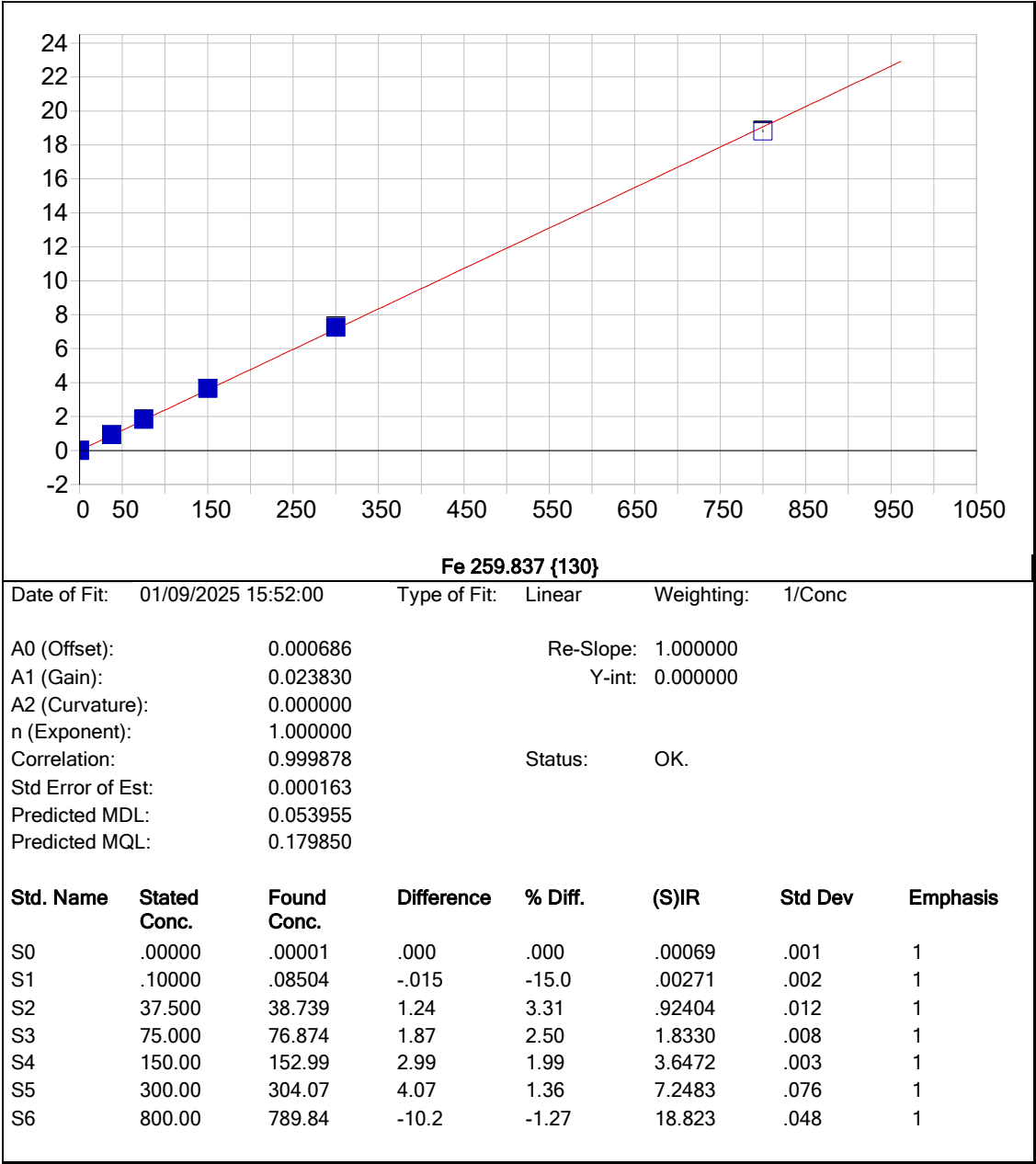


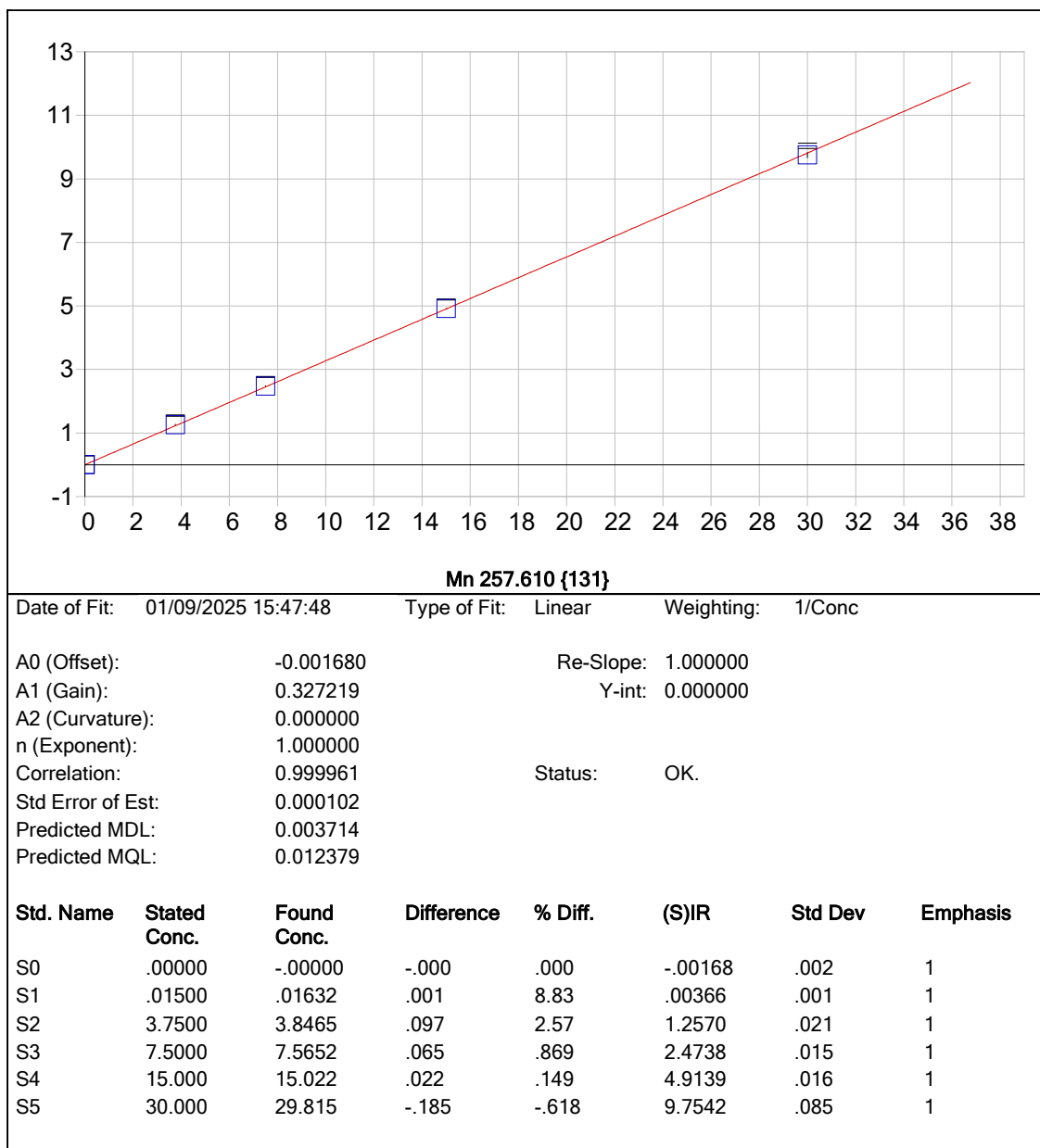


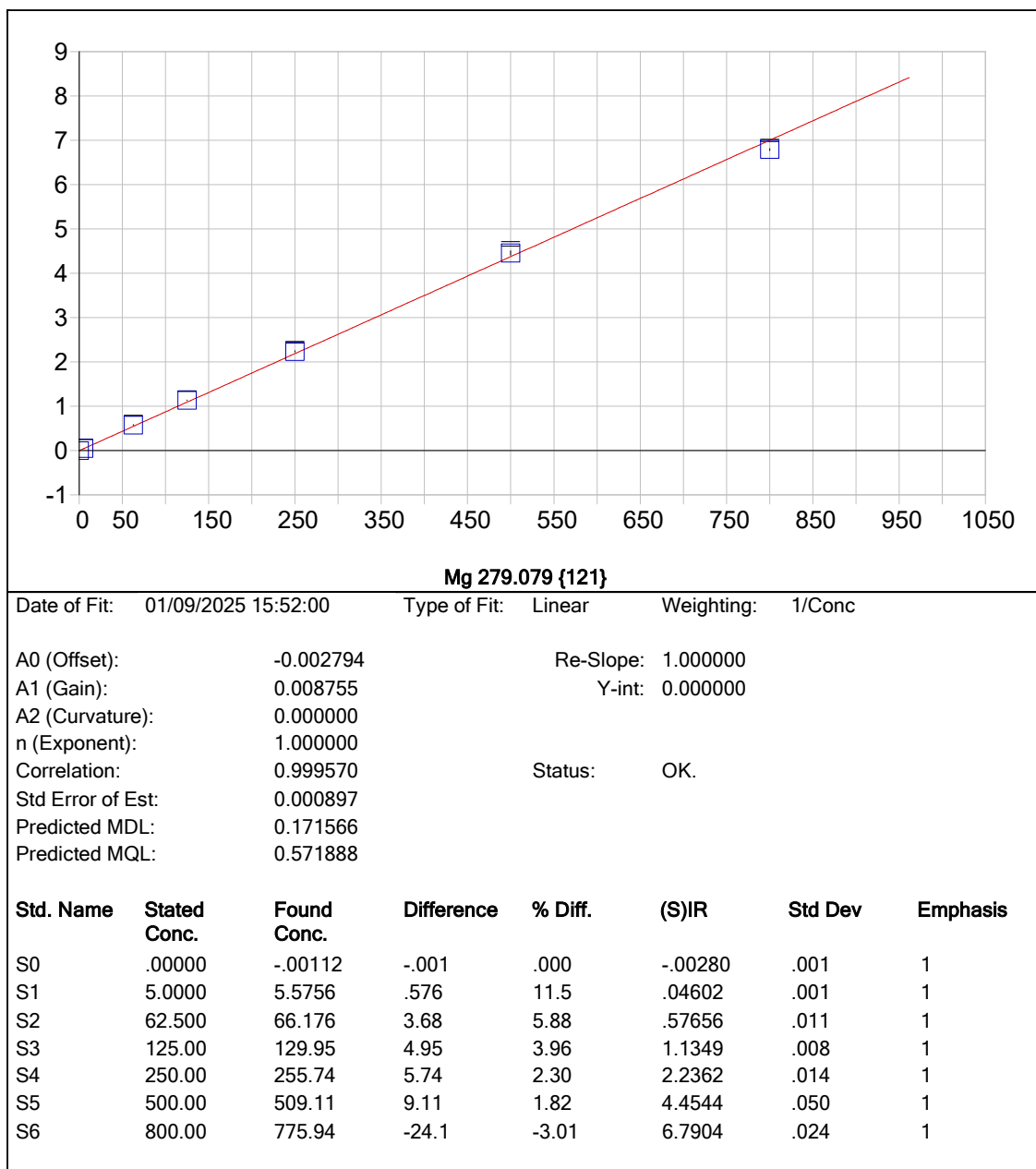


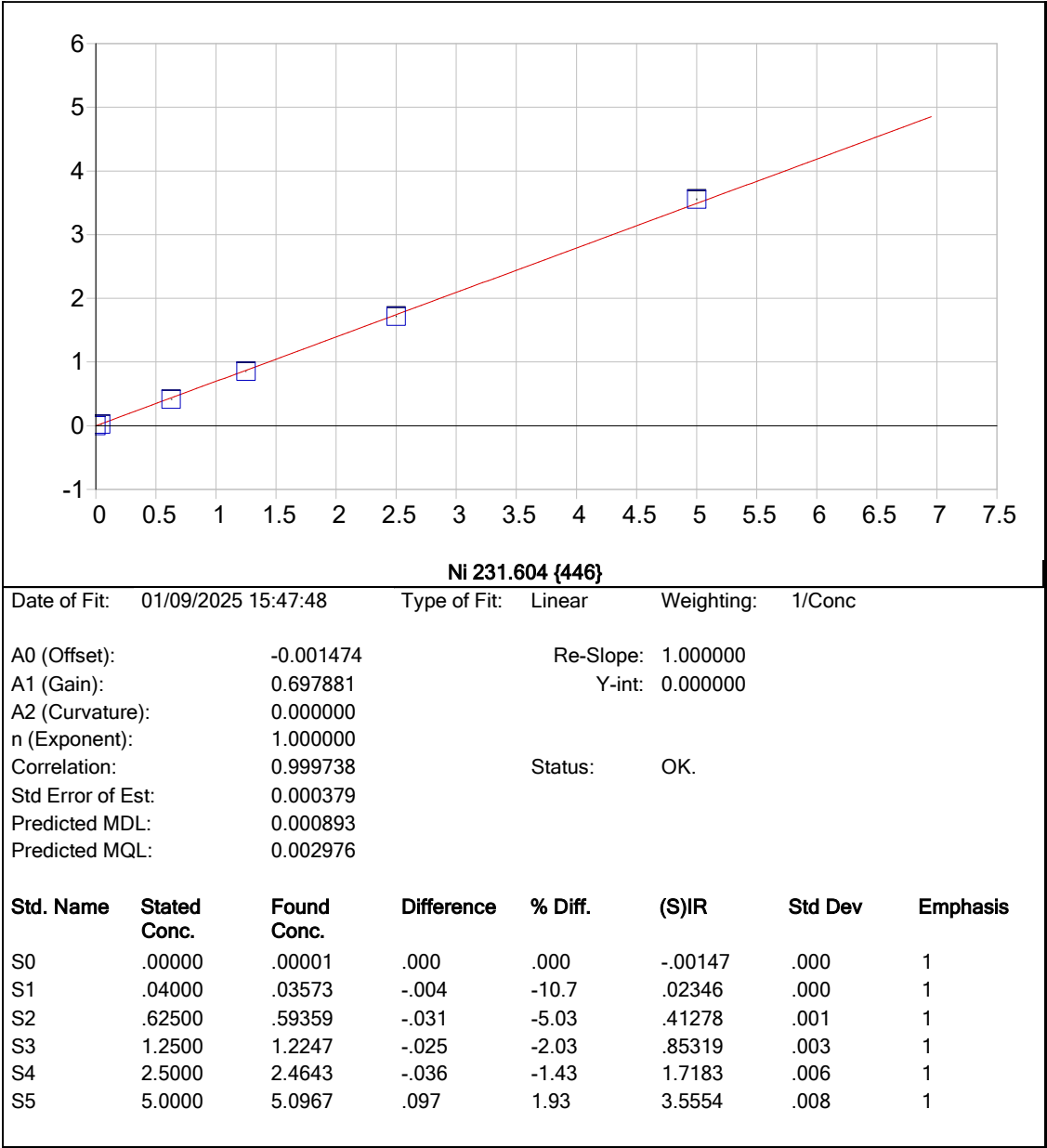


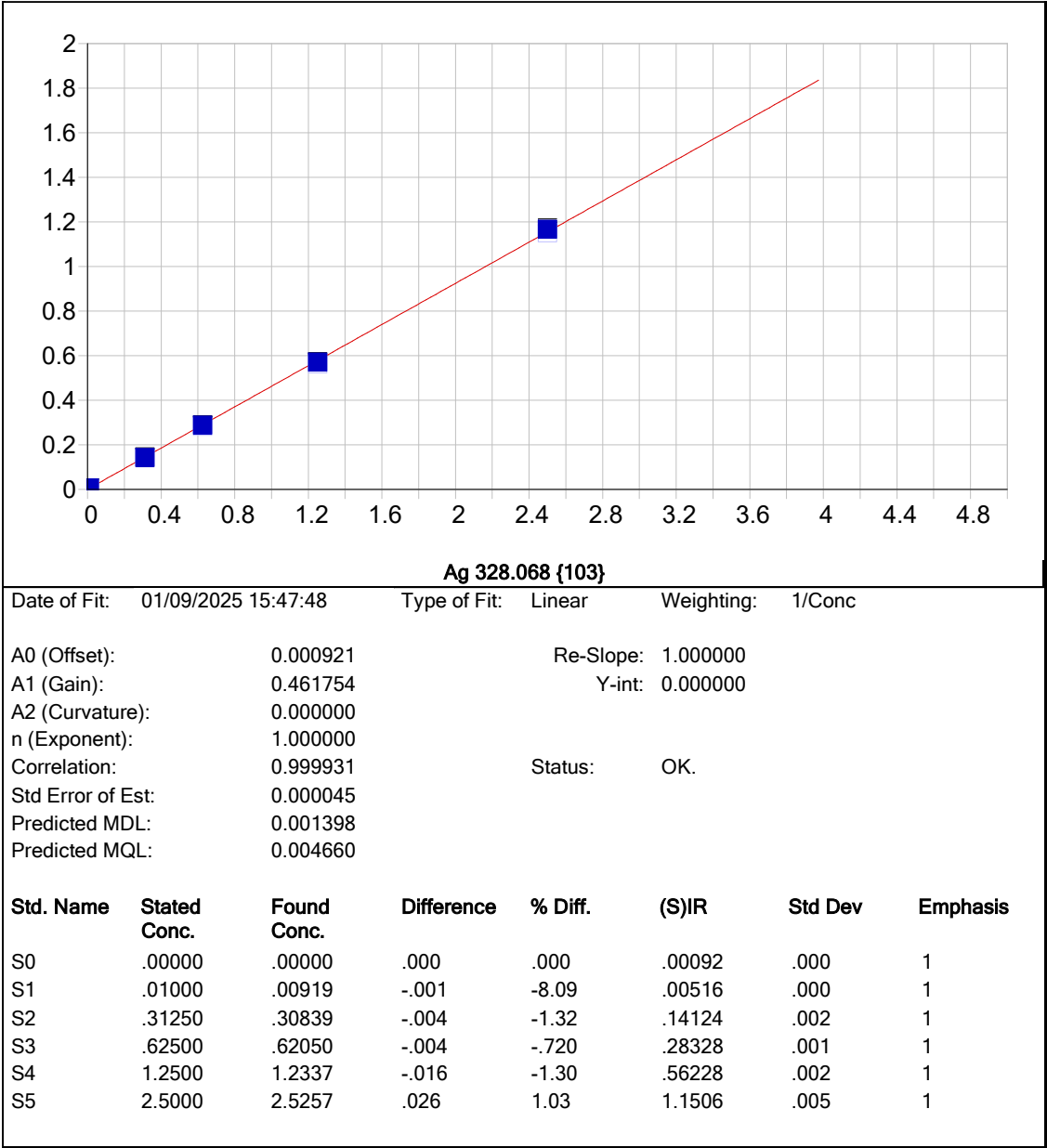




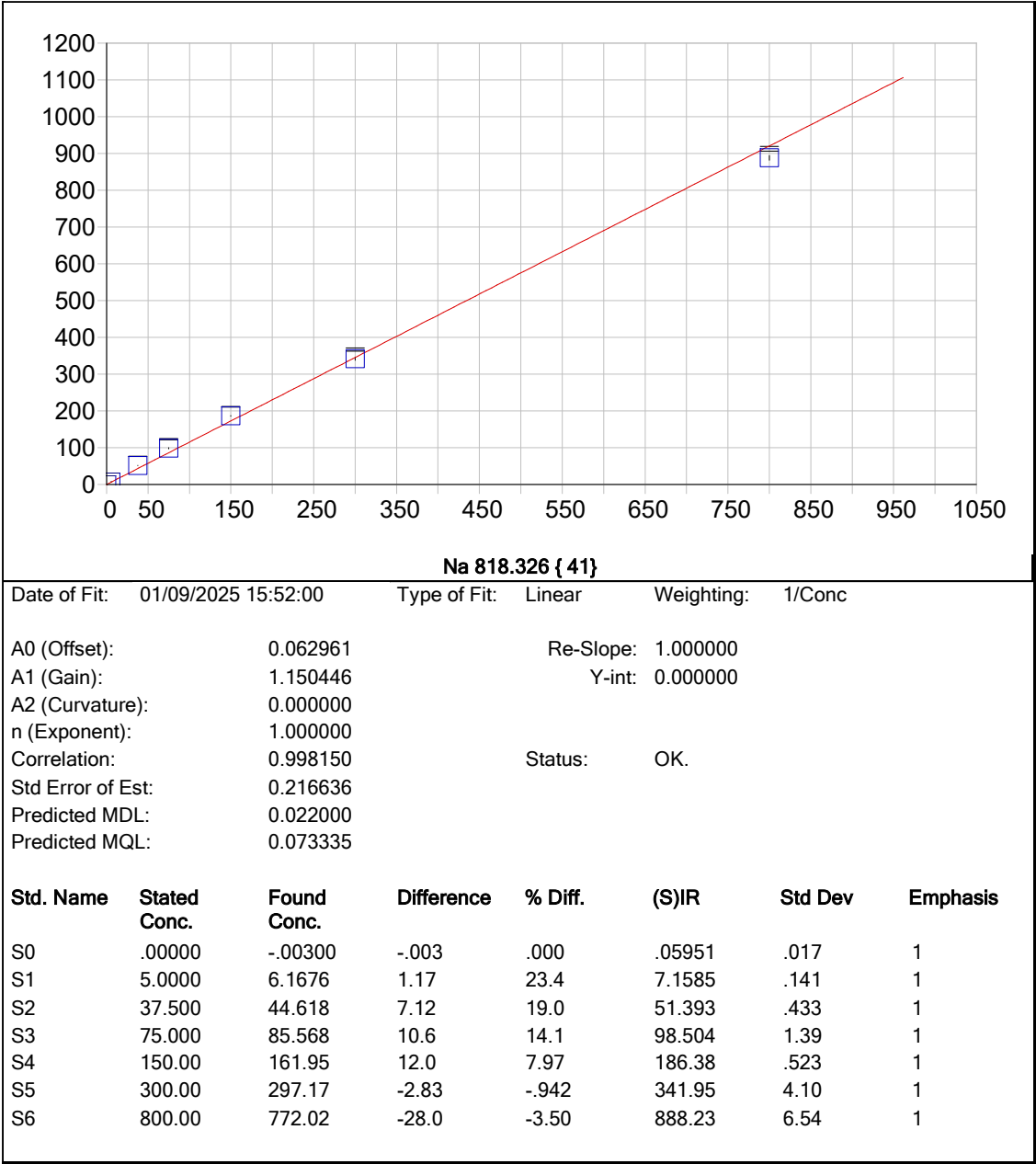


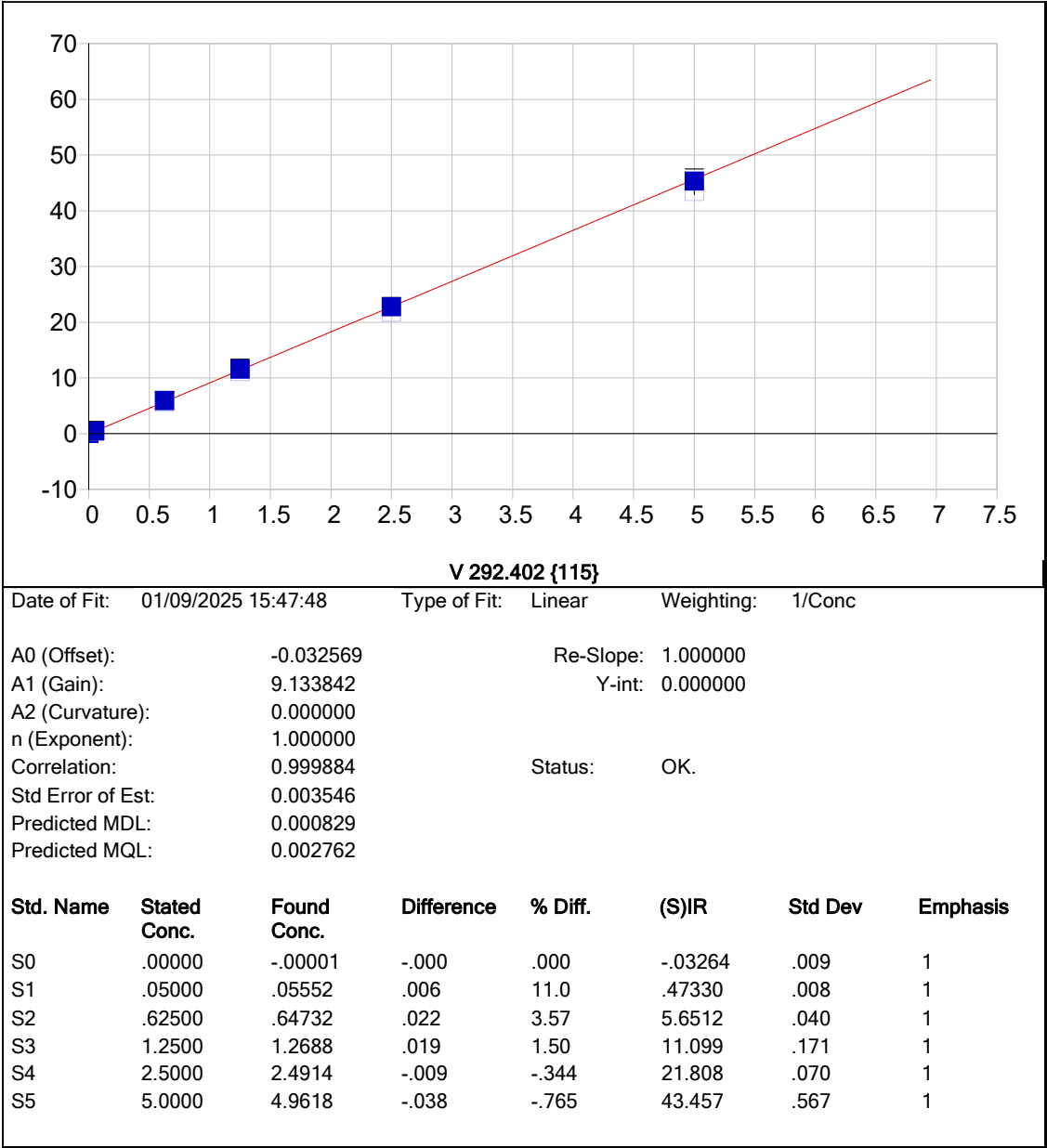


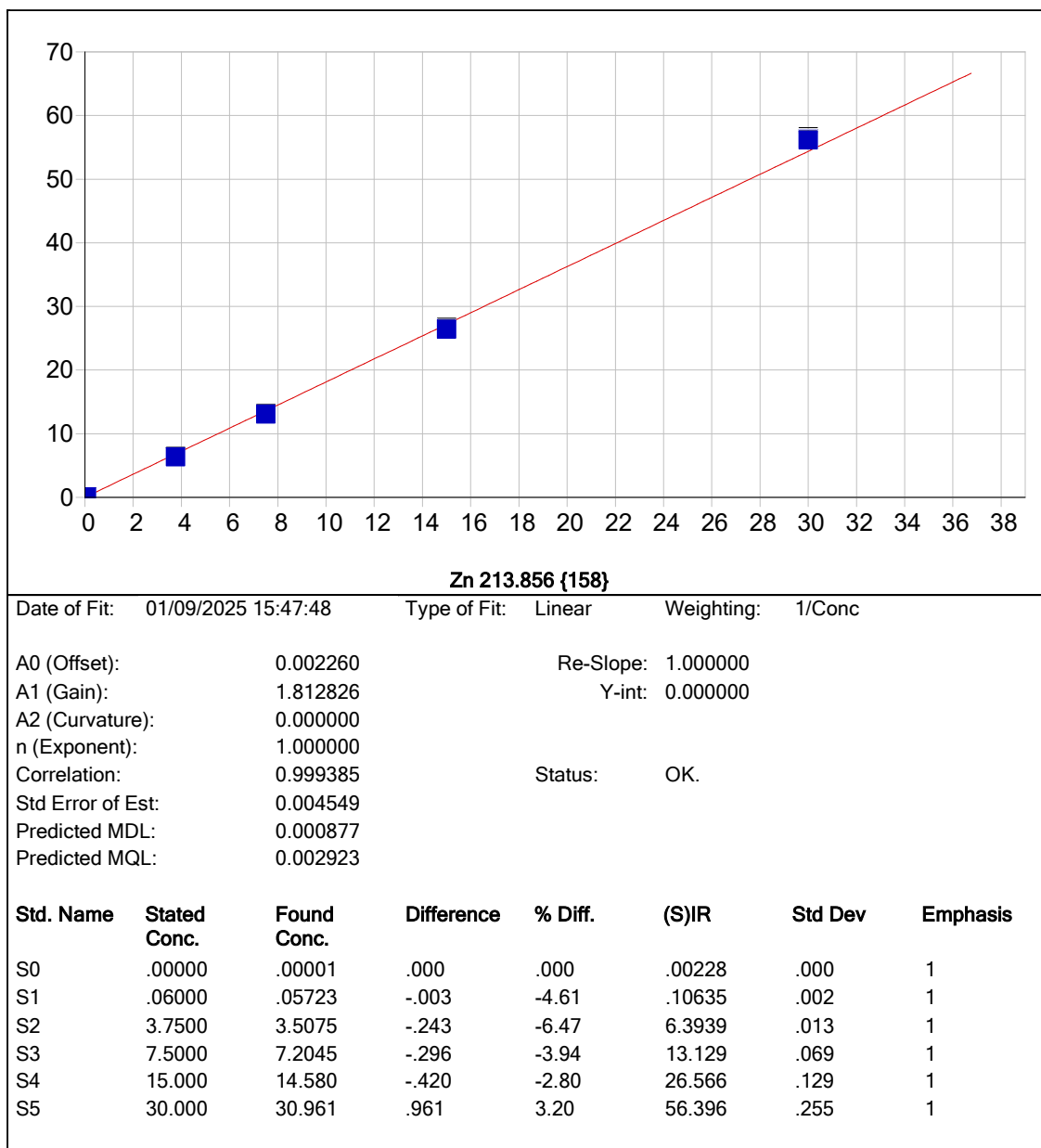


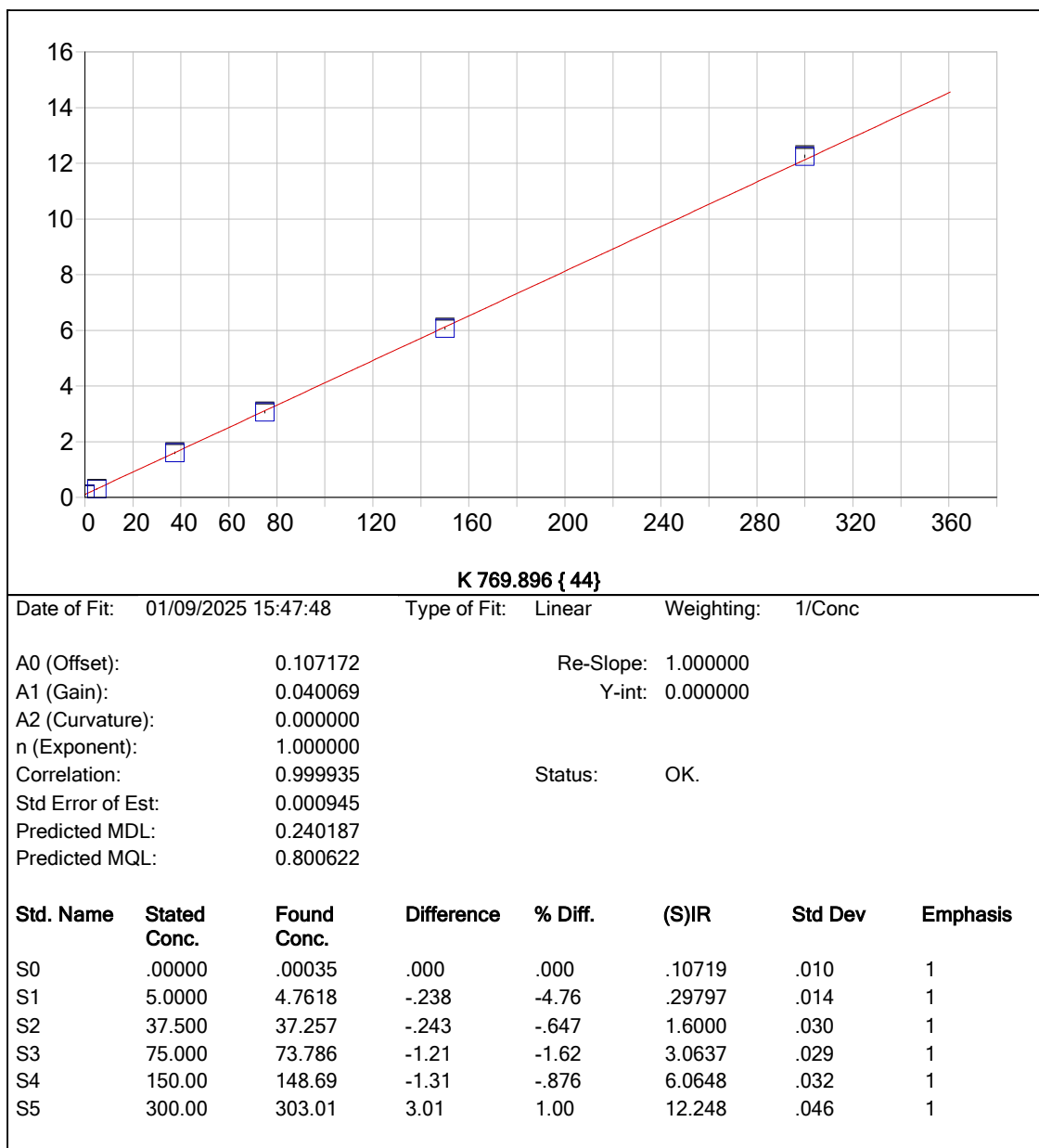


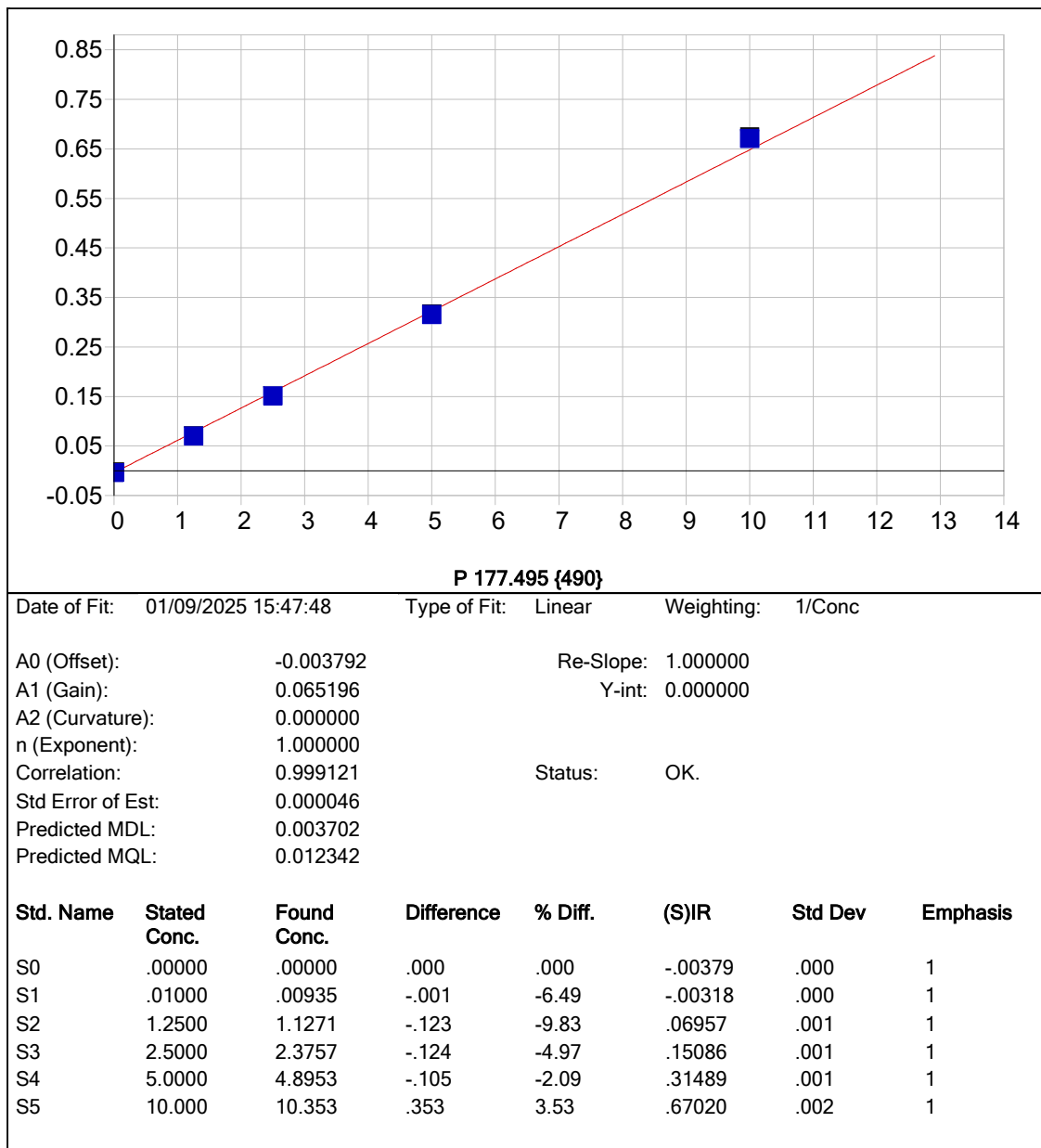






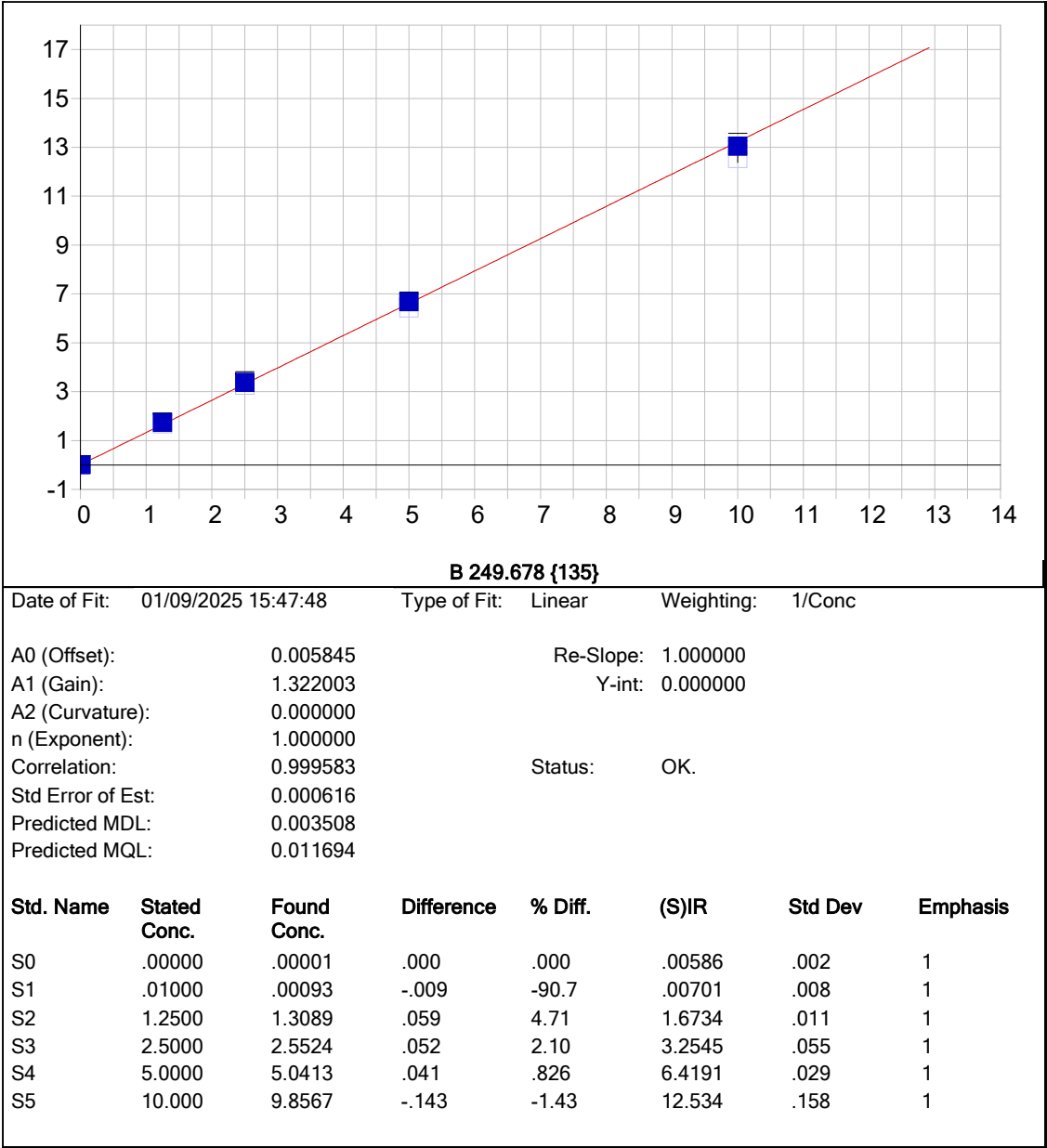


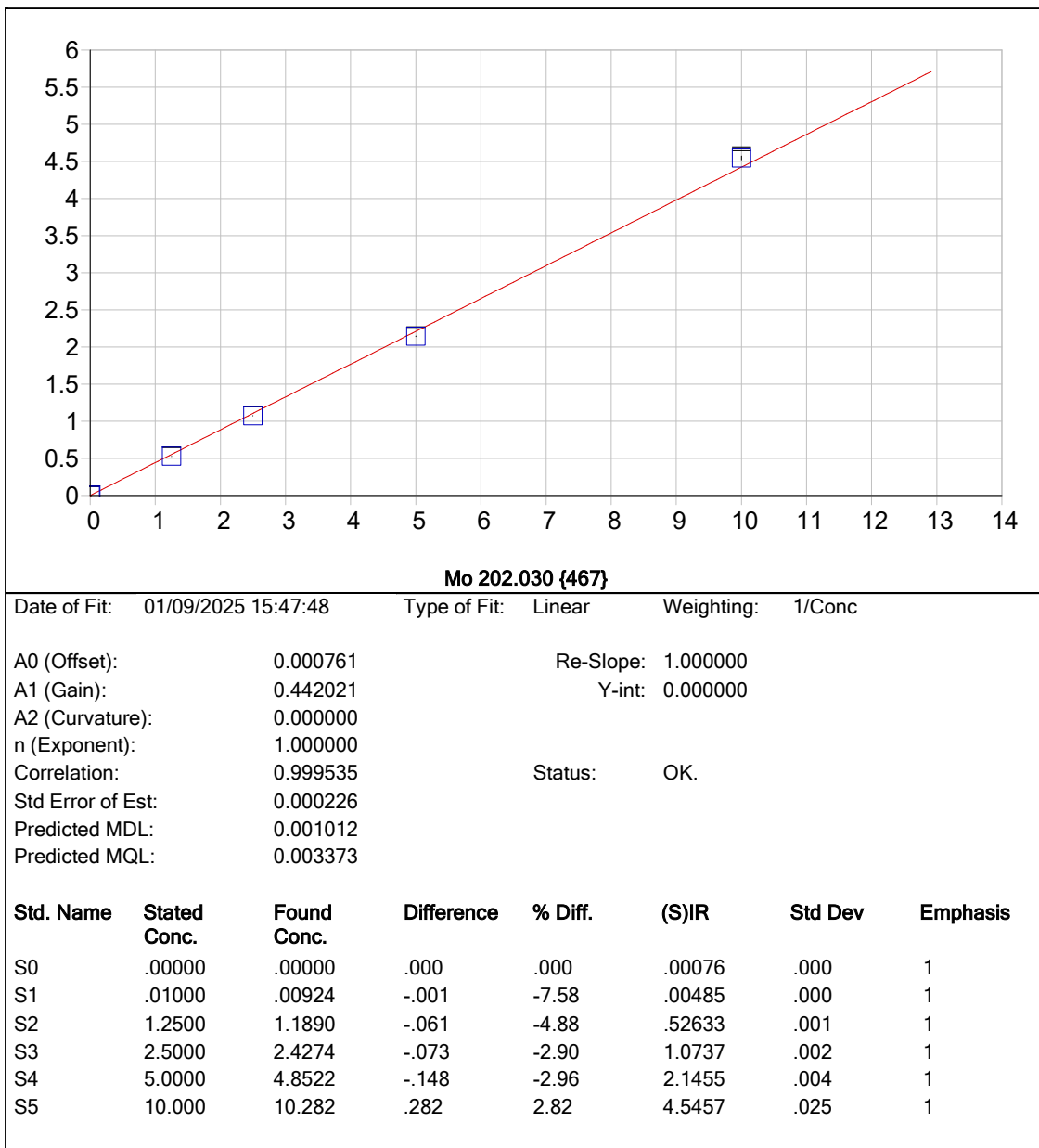


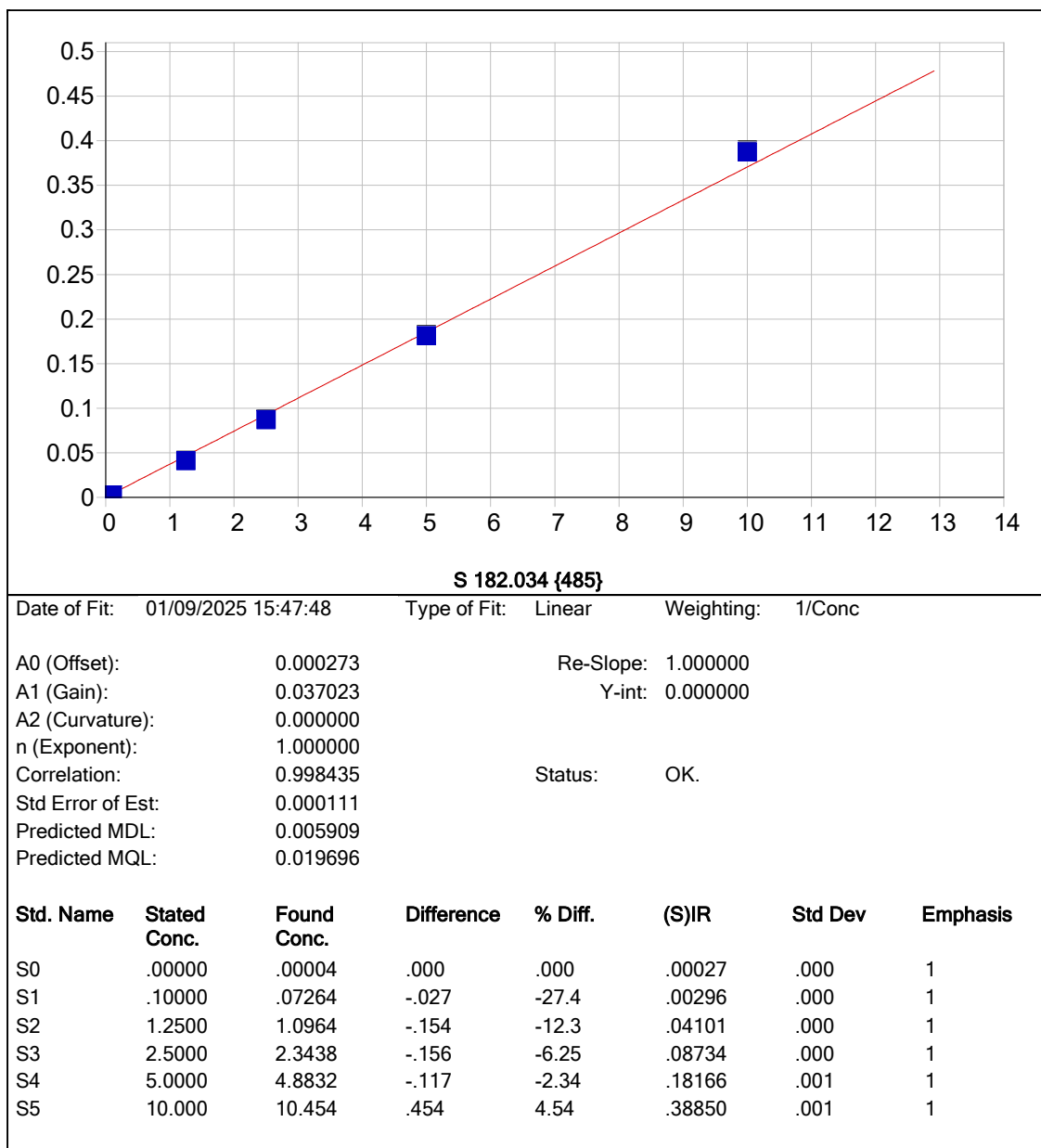


Date of Fit: 01/09/2025 15:47:48      Type of Fit: Linear      Weighting: 1/Conc

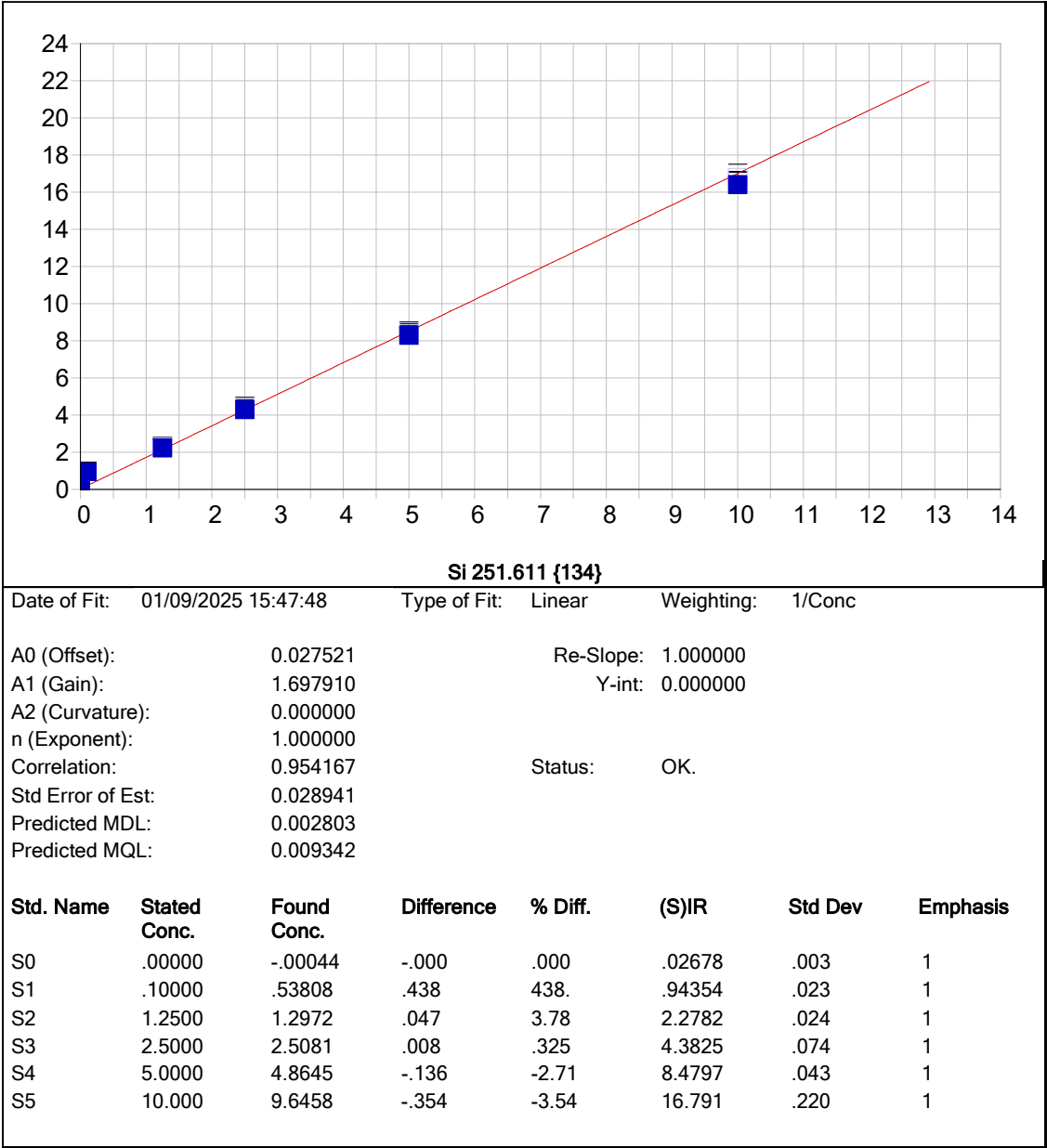
A0 (Offset): -0.003792      Re-Slope: 1.000000  
A1 (Gain): 0.065196      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999121      Status: OK.  
Std Error of Est: 0.000046  
Predicted MDL: 0.003702  
Predicted MQL: 0.012342

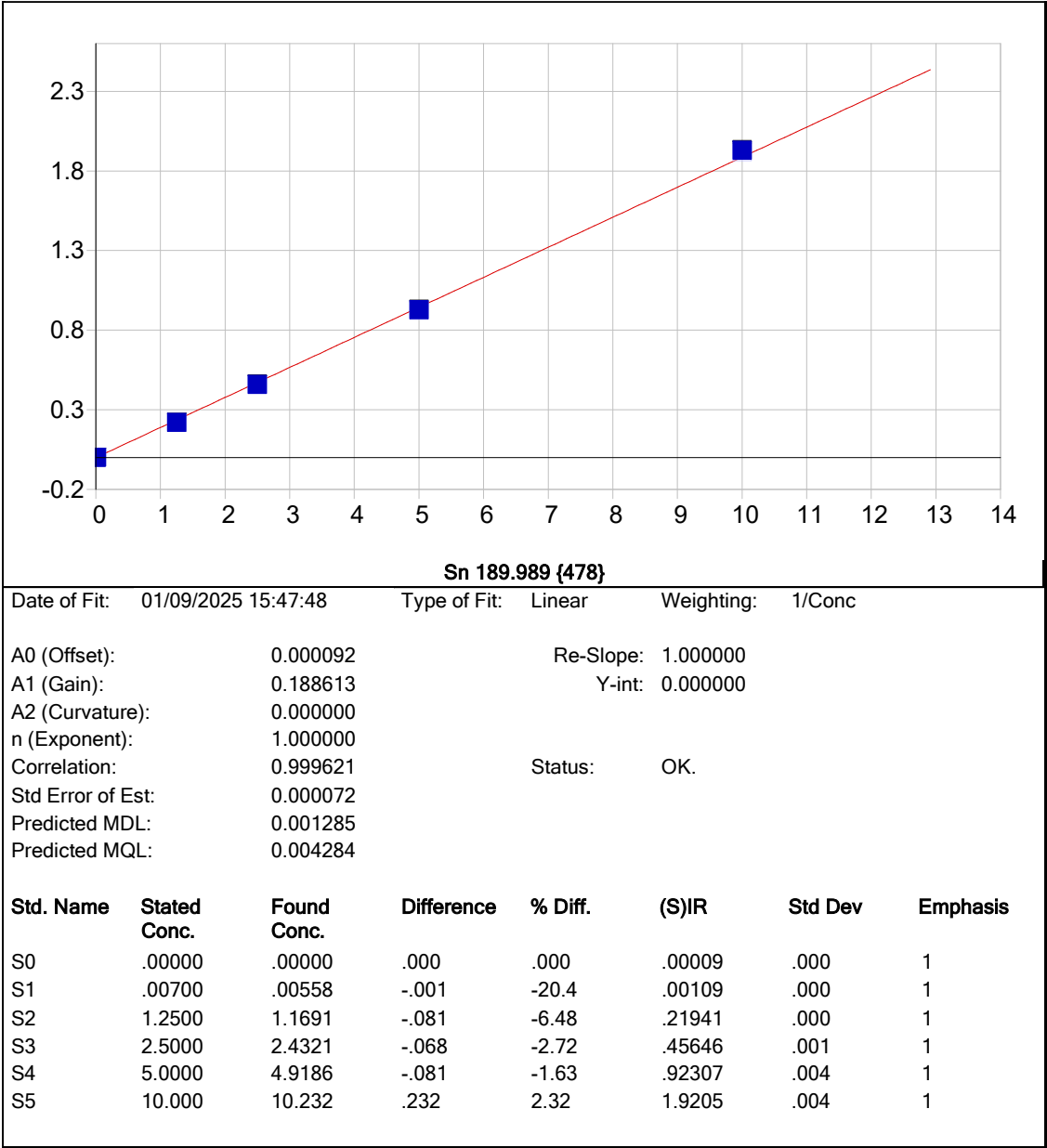


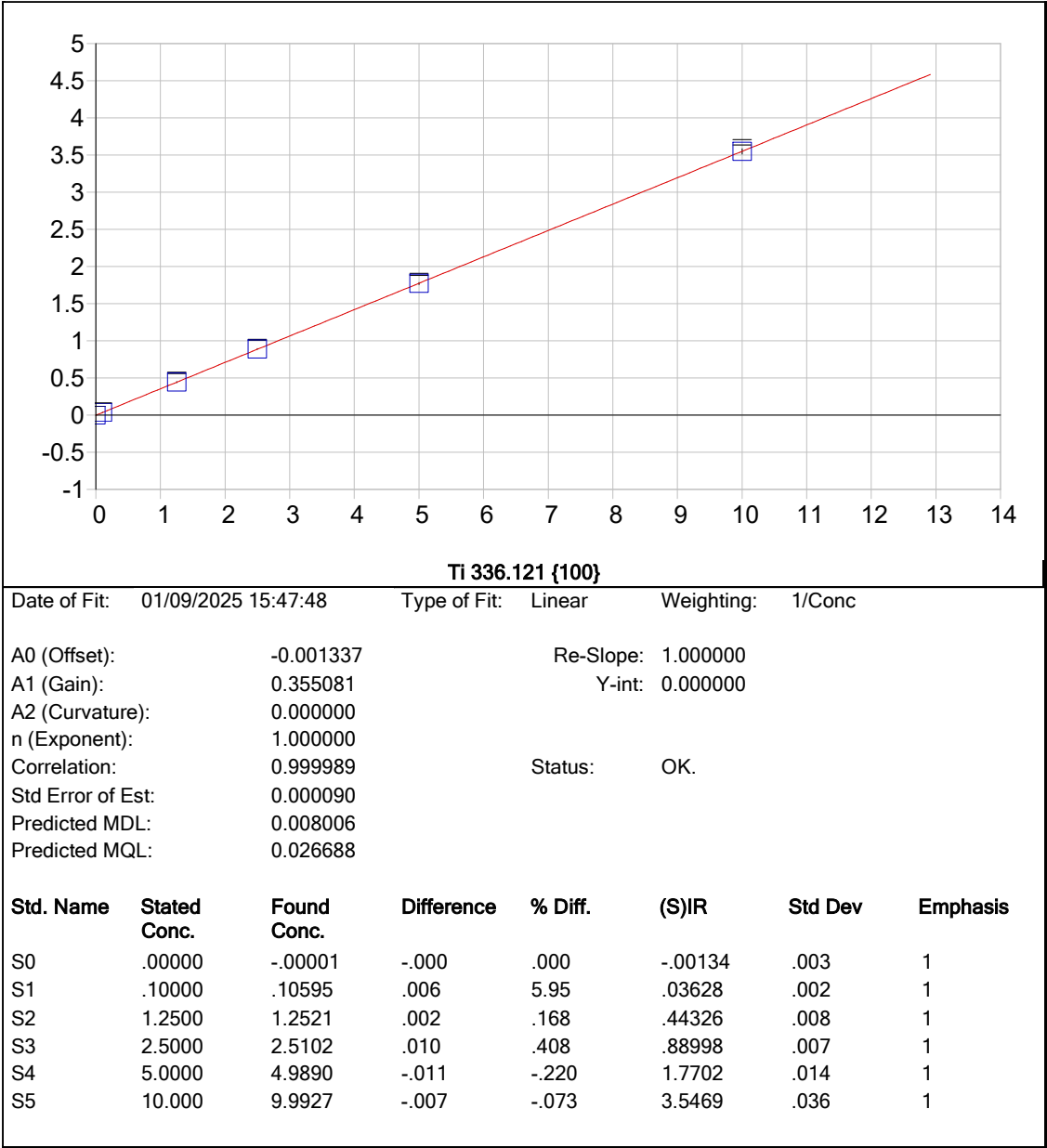


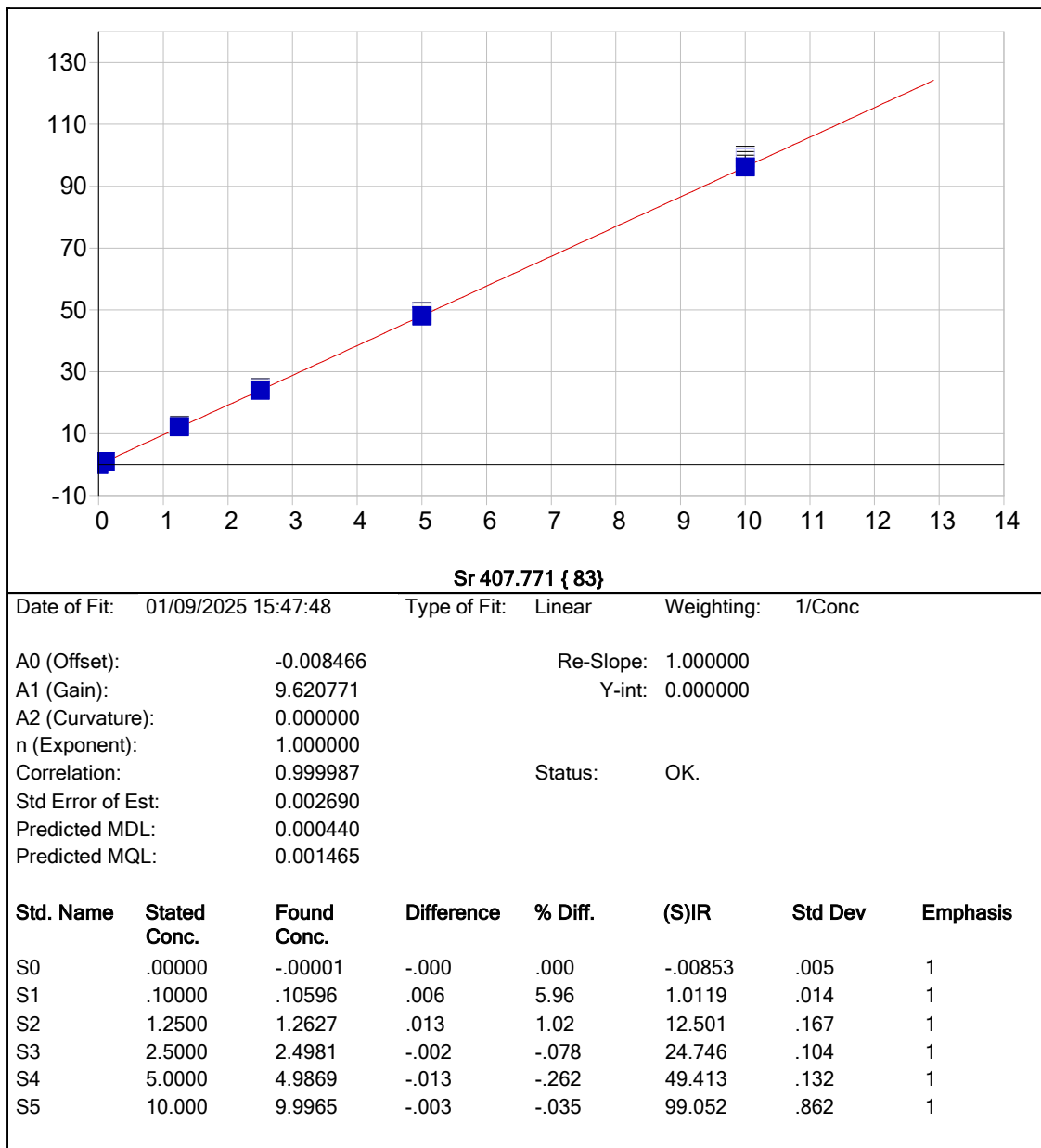


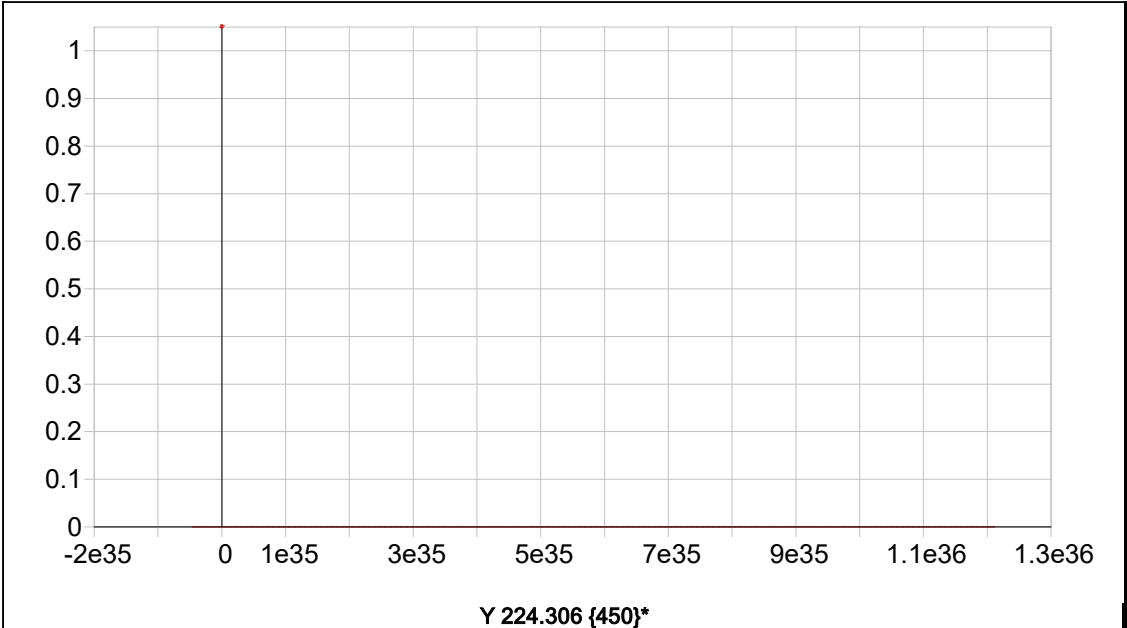






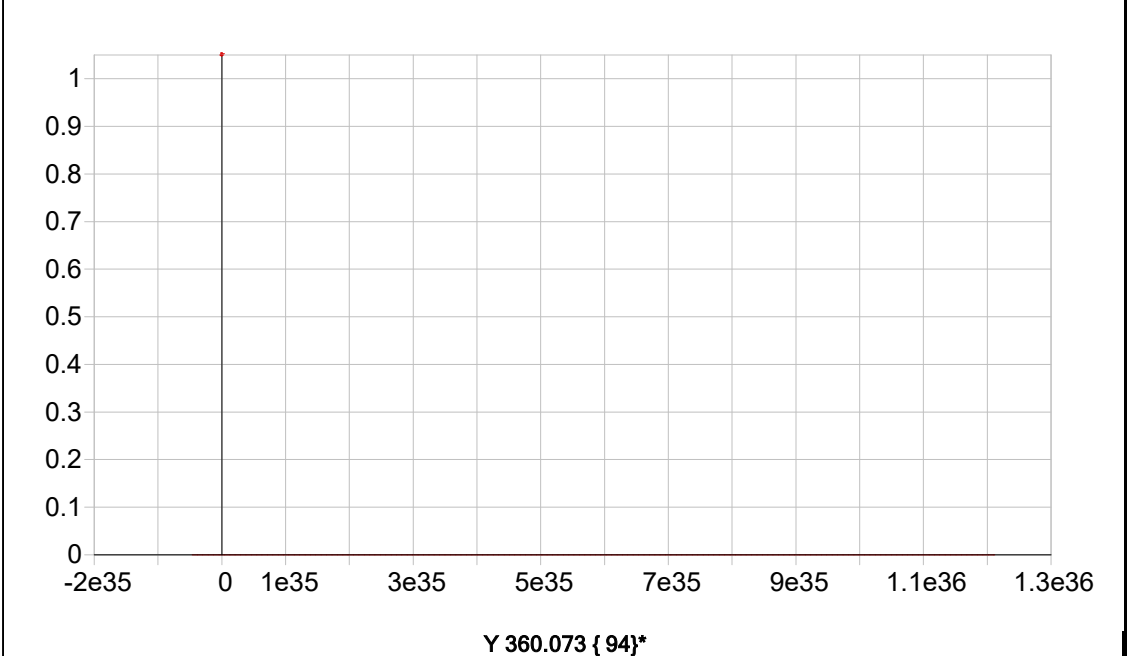




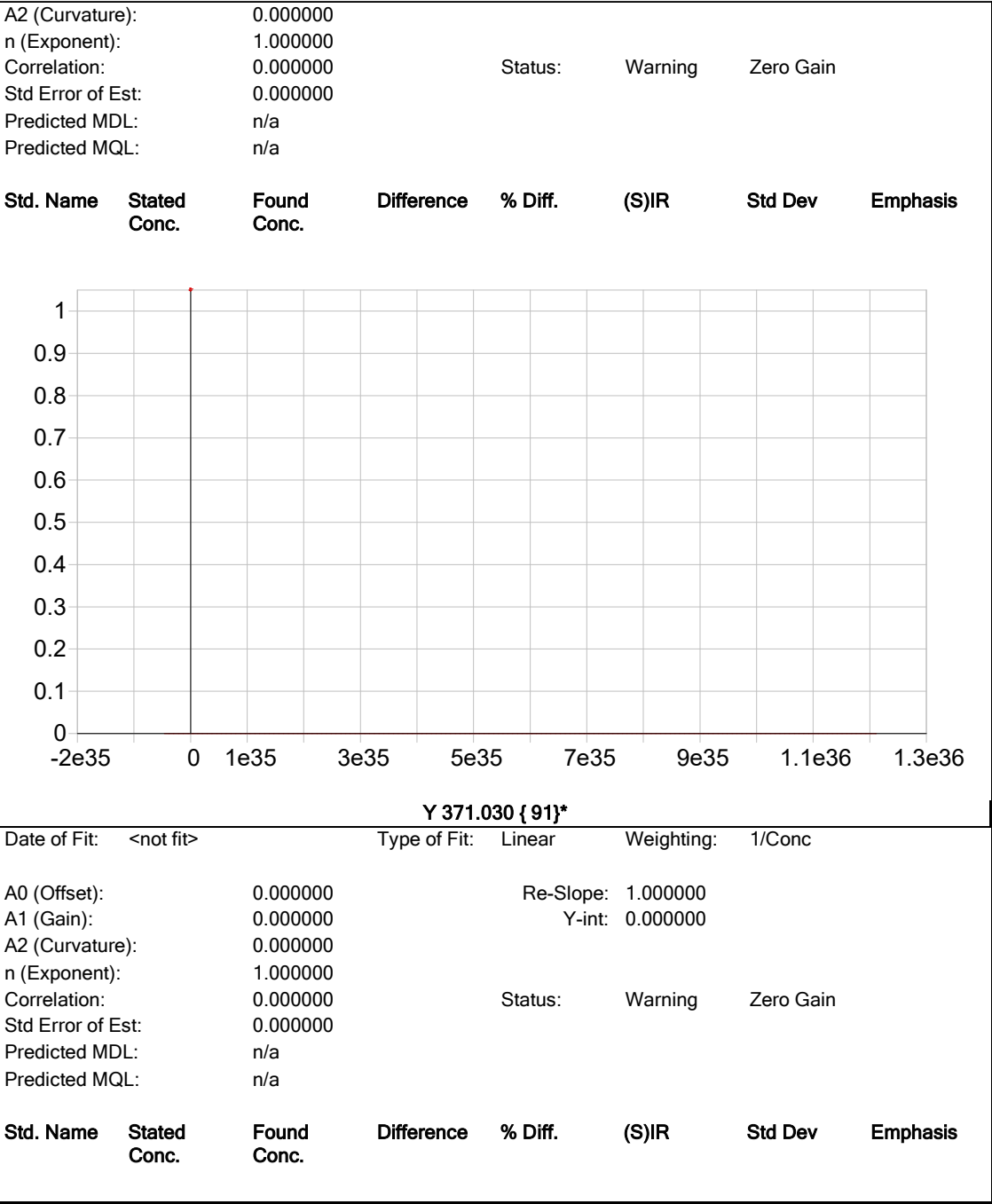


|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

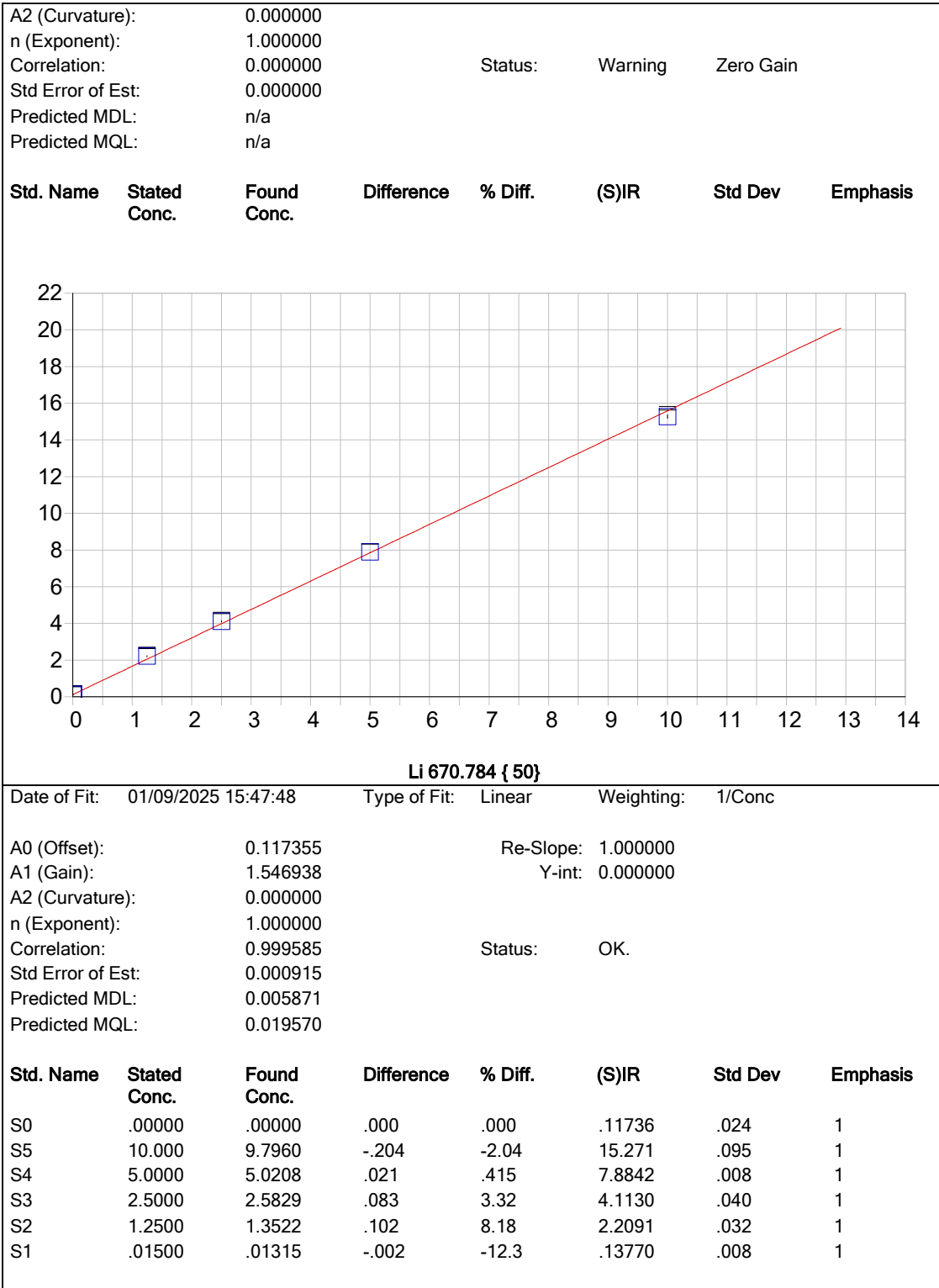
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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









Sample Name: S0      Acquired: 01/09/2025 15:24:22      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 1.6009  | -.00048 | -.00118 | .00050  | -.00008 | .00010  | .18742  | .02269  |
| Stddev | .3514   | .00043  | .00058  | .00027  | .00038  | .00257  | .01570  | .00603  |
| %RSD   | 21.949  | 89.328  | 48.978  | 53.233  | 487.44  | 2572.8  | 8.3785  | 26.596  |
| #1     | 1.1960  | -.00089 | -.00070 | .00072  | -.00039 | .00218  | .19996  | .02561  |
| #2     | 1.8253  | -.00052 | -.00102 | .00021  | .00034  | -.00277 | .19250  | .02670  |
| #3     | 1.7814  | -.00003 | -.00183 | .00057  | -.00018 | .00088  | .16981  | .01575  |
| 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    | .00022  | .01405  | .00000  | -.00114 | .09352  | .00069  | -.00168 | -.00280 |
| Stddev | .00034  | .00337  | .00026  | .00012  | .01285  | .00087  | .00199  | .00123  |
| %RSD   | 154.32  | 23.974  | 5551.7  | 10.388  | 13.742  | 126.46  | 118.15  | 43.810  |
| #1     | .00035  | .01349  | .00005  | -.00109 | .10813  | .00166  | -.00005 | -.00309 |
| #2     | -.00016 | .01766  | .00024  | -.00105 | .08848  | .00000  | -.00389 | -.00386 |
| #3     | .00047  | .01099  | -.00028 | -.00127 | .08396  | .00040  | -.00111 | -.00146 |
| 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    | -.00147 | .00092  | .05951  | -.03264 | .00228  | .10719  | -.00379 | .00586  |
| Stddev | .00038  | .00028  | .01730  | .00854  | .00038  | .01022  | .00018  | .00213  |
| %RSD   | 26.149  | 30.626  | 29.070  | 26.153  | 16.651  | 9.5323  | 4.8170  | 36.373  |
| #1     | -.00103 | .00124  | .07738  | -.03429 | .00256  | .11863  | -.00392 | .00410  |
| #2     | -.00163 | .00070  | .04284  | -.04023 | .00242  | .09897  | -.00358 | .00524  |
| #3     | -.00175 | .00083  | .05831  | -.02340 | .00185  | .10396  | -.00388 | .00823  |
| 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    | .00076  | .00027  | .02678  | .00009  | -.00134 | -.00853 | .11736  |         |
| Stddev | .00019  | .00020  | .00293  | .00023  | .00258  | .00450  | .02399  |         |
| %RSD   | 24.835  | 74.582  | 10.943  | 249.35  | 192.88  | 52.773  | 20.440  |         |
| #1     | .00097  | .00033  | .02397  | .00035  | -.00047 | -.00578 | .09700  |         |
| #2     | .00072  | .00044  | .02655  | .00004  | .00070  | -.01372 | .14380  |         |
| #3     | .00059  | .00005  | .02982  | -.00010 | -.00425 | -.00608 | .11127  |         |

Sample Name: S0      Acquired: 01/09/2025 15:24:22      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 2149.8 | 19880. | 878.06 | 1626.7 | 2529.7 |
| Stddev    | 10.6   | 105.   | 4.83   | 6.7    | 12.8   |
| %RSD      | .49144 | .52784 | .54981 | .41092 | .50561 |
| #1        | 2161.8 | 19794. | 872.56 | 1619.6 | 2542.8 |
| #2        | 2145.6 | 19996. | 880.05 | 1632.8 | 2529.2 |
| #3        | 2142.0 | 19849. | 881.58 | 1627.8 | 2517.2 |

Sample Name: S1      Acquired: 01/09/2025 15:28:27      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 3.7973 | .00188 | .00106 | .00188 | .00557 | .02145 | 1.0075  | .12131  |
| Stddev | .4222  | .00011 | .00111 | .00025 | .00080 | .00327 | .0097   | .00428  |
| %RSD   | 11.119 | 5.6817 | 104.11 | 13.016 | 14.359 | 15.241 | .96376  | 3.5263  |
| #1     | 3.3686 | .00188 | .00005 | .00161 | .00565 | .02496 | 1.0167  | .11773  |
| #2     | 4.2128 | .00198 | .00224 | .00196 | .00633 | .01849 | 1.0085  | .12016  |
| #3     | 3.8104 | .00177 | .00089 | .00208 | .00473 | .02092 | .99738  | .12605  |
| 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    | .01570 | .44086 | .00252 | .04002 | .35369 | .00271 | .00366  | .04602  |
| Stddev | .00015 | .00225 | .00034 | .00047 | .01777 | .00222 | .00144  | .00121  |
| %RSD   | .96807 | .51059 | 13.424 | 1.1850 | 5.0234 | 81.665 | 39.354  | 2.6275  |
| #1     | .01552 | .44302 | .00234 | .04029 | .37391 | .00269 | .00341  | .04509  |
| #2     | .01577 | .44104 | .00291 | .04031 | .34059 | .00494 | .00236  | .04558  |
| #3     | .01580 | .43853 | .00231 | .03948 | .34657 | .00051 | .00521  | .04739  |
| 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    | .02346 | .00516 | 7.1585 | .47330 | .10635 | .29797 | -.00318 | .00701  |
| Stddev | .00041 | .00037 | .1405  | .00755 | .00238 | .01448 | .00026  | .00810  |
| %RSD   | 1.7317 | 7.2166 | 1.9629 | 1.5951 | 2.2378 | 4.8586 | 8.1846  | 115.54  |
| #1     | .02302 | .00495 | 7.3208 | .47906 | .10627 | .31386 | -.00340 | .01542  |
| #2     | .02355 | .00559 | 7.0786 | .46475 | .10876 | .29453 | -.00324 | -.00073 |
| #3     | .02382 | .00494 | 7.0762 | .47608 | .10401 | .28553 | -.00289 | .00634  |
| 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    | .00485 | .00296 | .94354 | .00109 | .03628 | 1.0119 | .13770  |         |
| Stddev | .00005 | .00004 | .02269 | .00011 | .00191 | .0136  | .00790  |         |
| %RSD   | 1.0502 | 1.3814 | 2.4049 | 10.462 | 5.2600 | 1.3455 | 5.7364  |         |
| #1     | .00488 | .00299 | .96870 | .00121 | .03576 | 1.0276 | .13752  |         |
| #2     | .00486 | .00298 | .92464 | .00098 | .03840 | 1.0034 | .14569  |         |
| #3     | .00479 | .00292 | .93727 | .00107 | .03469 | 1.0047 | .12990  |         |

Sample Name: S1      Acquired: 01/09/2025 15:28:27      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 2139.6 | 19583. | 871.91 | 1609.8 | 2468.5 |
| Stddev    | 6.3    | 40.    | 13.30  | 1.3    | 3.7    |
| %RSD      | .29312 | .20356 | 1.5254 | .07825 | .14892 |
| #1        | 2133.8 | 19629. | 856.56 | 1609.9 | 2467.1 |
| #2        | 2138.6 | 19563. | 879.95 | 1608.4 | 2465.7 |
| #3        | 2146.2 | 19557. | 879.22 | 1610.9 | 2472.7 |

Sample Name: S2      Acquired: 01/09/2025 15:32:31      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 220.06 | .12303 | 1.7418 | .06335 | .12503 | 3.6890 | 10.673 | 2.7130 |
| Stddev | .99    | .00063 | .0043  | .00042 | .00060 | .0377  | .153   | .0257  |
| %RSD   | .45069 | .51328 | .24698 | .66463 | .48321 | 1.0227 | 1.4369 | .94907 |
| #1     | 219.18 | .12240 | 1.7399 | .06324 | .12567 | 3.7320 | 10.849 | 2.7424 |
| #2     | 219.87 | .12366 | 1.7389 | .06300 | .12496 | 3.6617 | 10.564 | 2.6943 |
| #3     | 221.13 | .12303 | 1.7468 | .06382 | .12446 | 3.6731 | 10.607 | 2.7024 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.1628 | 5.3899 | 1.1190 | .54221 | 37.123 | .92404 | 1.2570 | .57656 |
| Stddev | .0067  | .0626  | .0045  | .00059 | .284   | .01231 | .0213  | .01055 |
| %RSD   | .30825 | 1.1621 | .40114 | .10890 | .76380 | 1.3326 | 1.6948 | 1.8307 |
| #1     | 2.1587 | 5.4611 | 1.1226 | .54201 | 37.449 | .93806 | 1.2815 | .58873 |
| #2     | 2.1591 | 5.3658 | 1.1205 | .54174 | 36.938 | .91909 | 1.2431 | .56989 |
| #3     | 2.1705 | 5.3430 | 1.1140 | .54287 | 36.980 | .91498 | 1.2463 | .57107 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .41278 | .14124 | 51.393 | 5.6512 | 6.3939 | 1.6000 | .06957 | 1.6734 |
| Stddev | .00061 | .00153 | .433   | .0402  | .0133  | .0302  | .00055 | .0109  |
| %RSD   | .14690 | 1.0798 | .84290 | .71196 | .20816 | 1.8861 | .78645 | .65239 |
| #1     | .41348 | .14266 | 51.892 | 5.6947 | 6.3836 | 1.6344 | .07001 | 1.6829 |
| #2     | .41244 | .14144 | 51.175 | 5.6153 | 6.3893 | 1.5780 | .06896 | 1.6614 |
| #3     | .41242 | .13963 | 51.113 | 5.6434 | 6.4090 | 1.5876 | .06974 | 1.6758 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .52633 | .04101 | 2.2782 | .21941 | .44326 | 12.501 | 2.2091 |  |
| Stddev | .00125 | .00044 | .0240  | .00039 | .00824 | .167   | .0317  |  |
| %RSD   | .23841 | 1.0626 | 1.0525 | .17568 | 1.8598 | 1.3363 | 1.4357 |  |
| #1     | .52590 | .04064 | 2.3058 | .21946 | .45241 | 12.693 | 2.2457 |  |
| #2     | .52534 | .04090 | 2.2621 | .21900 | .44094 | 12.414 | 2.1929 |  |
| #3     | .52774 | .04149 | 2.2668 | .21977 | .43642 | 12.394 | 2.1888 |  |

Sample Name: S2      Acquired: 01/09/2025 15:32:31      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 2049.5 | 18776. | 850.80 | 1550.0 | 2118.3 |
| Stddev    | 2.8    | 197.   | 10.80  | 8.9    | 2.7    |
| %RSD      | .13857 | 1.0516 | 1.2690 | .57304 | .12586 |
| #1        | 2046.2 | 18629. | 838.95 | 1542.6 | 2116.1 |
| #2        | 2050.8 | 18698. | 853.39 | 1547.7 | 2117.6 |
| #3        | 2051.4 | 19001. | 860.08 | 1559.8 | 2121.3 |

Sample Name: S3      Acquired: 01/09/2025 15:36:24      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 432.24 | .24975 | 3.5851 | .12955 | .25606 | 7.2491 | 20.797 | 5.2474 |
| Stddev | 1.76   | .00092 | .0078  | .00106 | .00111 | .0198  | .217   | .1122  |
| %RSD   | .40742 | .36819 | .21702 | .81541 | .43332 | .27251 | 1.0443 | 2.1389 |
| #1     | 433.91 | .24906 | 3.5768 | .12842 | .25482 | 7.2328 | 20.552 | 5.2107 |
| #2     | 432.40 | .24941 | 3.5865 | .13052 | .25695 | 7.2711 | 20.874 | 5.3733 |
| #3     | 430.40 | .25079 | 3.5921 | .12971 | .25643 | 7.2434 | 20.966 | 5.1580 |
| 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    | 4.4762 | 10.577 | 2.2355 | 1.1037 | 70.765 | 1.8330 | 2.4738 | 1.1349 |
| Stddev | .0109  | .090   | .0011  | .0020  | 1.012  | .0082  | .0146  | .0082  |
| %RSD   | .24278 | .85178 | .04900 | .17926 | 1.4298 | .44809 | .59008 | .72151 |
| #1     | 4.4683 | 10.473 | 2.2360 | 1.1023 | 70.374 | 1.8265 | 2.4608 | 1.1281 |
| #2     | 4.4718 | 10.639 | 2.2363 | 1.1029 | 71.914 | 1.8422 | 2.4896 | 1.1440 |
| #3     | 4.4886 | 10.618 | 2.2343 | 1.1060 | 70.007 | 1.8302 | 2.4710 | 1.1326 |
| 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    | .85319 | .28328 | 98.504 | 11.099 | 13.129 | 3.0637 | .15086 | 3.2545 |
| Stddev | .00295 | .00112 | 1.388  | .171   | .069   | .0293  | .00065 | .0551  |
| %RSD   | .34532 | .39453 | 1.4093 | 1.5425 | .52416 | .95523 | .43031 | 1.6947 |
| #1     | .85159 | .28434 | 97.655 | 11.005 | 13.190 | 3.0304 | .15011 | 3.2232 |
| #2     | .85140 | .28212 | 100.11 | 11.296 | 13.054 | 3.0854 | .15117 | 3.3182 |
| #3     | .85659 | .28340 | 97.751 | 10.995 | 13.143 | 3.0753 | .15130 | 3.2221 |
| 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    | 1.0737 | .08734 | 4.3825 | .45646 | .88998 | 24.746 | 4.1130 |        |
| Stddev | .0023  | .00038 | .0743  | .00139 | .00671 | .104   | .0400  |        |
| %RSD   | .21146 | .43659 | 1.6950 | .30444 | .75420 | .42184 | .97349 |        |
| #1     | 1.0711 | .08690 | 4.3632 | .45589 | .88248 | 24.626 | 4.0689 |        |
| #2     | 1.0746 | .08760 | 4.4645 | .45545 | .89207 | 24.804 | 4.1470 |        |
| #3     | 1.0754 | .08753 | 4.3197 | .45804 | .89541 | 24.809 | 4.1231 |        |

Sample Name: S3      Acquired: 01/09/2025 15:36:24      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 1958.4 | 18075. | 852.78 | 1470.2 | 1976.3 |
| Stddev    | 9.0    | 113.   | 7.51   | 14.5   | 12.4   |
| %RSD      | .45771 | .62447 | .88045 | .98892 | .62507 |
| #1        | 1965.0 | 18072. | 857.91 | 1466.0 | 1981.4 |
| #2        | 1962.0 | 18189. | 844.16 | 1486.3 | 1985.3 |
| #3        | 1948.2 | 17963. | 856.27 | 1458.2 | 1962.2 |



Sample Name: S4      Acquired: 01/09/2025 15:40:13      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 842.48 | .48991 | 7.2566 | .26246 | .51533 | 14.396 | 41.045 | 10.359 |
| Stddev | 2.60   | .00206 | .0253  | .00062 | .00172 | .097   | .217   | .053   |
| %RSD   | .30872 | .42131 | .34814 | .23652 | .33309 | .67232 | .52869 | .50950 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 842.44 | .48849 | 7.2327 | .26202 | .51505 | 14.502 | 40.800 | 10.352 |
| #2 | 839.89 | .48897 | 7.2542 | .26218 | .51376 | 14.372 | 41.122 | 10.415 |
| #3 | 845.09 | .49228 | 7.2830 | .26317 | .51716 | 14.313 | 41.214 | 10.311 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.0434 | 20.745 | 4.4009 | 2.1954 | 137.35 | 3.6472 | 4.9139 | 2.2362 |
| Stddev | .0317  | .038   | .0120  | .0069  | .62    | .0034  | .0155  | .0144  |
| %RSD   | .35070 | .18128 | .27327 | .31424 | .45061 | .09327 | .31581 | .64271 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.0182 | 20.702 | 4.3922 | 2.1903 | 137.40 | 3.6477 | 4.9239 | 2.2359 |
| #2 | 9.0331 | 20.760 | 4.4146 | 2.1926 | 137.94 | 3.6503 | 4.9218 | 2.2507 |
| #3 | 9.0790 | 20.772 | 4.3958 | 2.2032 | 136.71 | 3.6436 | 4.8960 | 2.2219 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.7183 | .56228 | 186.38 | 21.808 | 26.566 | 6.0648 | .31489 | 6.4191 |
| Stddev | .0059  | .00154 | .52    | .070   | .129   | .0321  | .00082 | .0285  |
| %RSD   | .34355 | .27312 | .28067 | .32326 | .48654 | .52877 | .26022 | .44405 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7140 | .56213 | 186.31 | 21.869 | 26.583 | 6.0333 | .31413 | 6.4199 |
| #2 | 1.7158 | .56389 | 186.93 | 21.826 | 26.685 | 6.0638 | .31479 | 6.4472 |
| #3 | 1.7250 | .56083 | 185.89 | 21.731 | 26.429 | 6.0974 | .31576 | 6.3902 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.1455 | .18166 | 8.4797 | .92307 | 1.7702 | 49.413 | 7.8842 |  |
| Stddev | .0038  | .00069 | .0434  | .00375 | .0140  | .132   | .0077  |  |
| %RSD   | .17786 | .38092 | .51222 | .40608 | .78971 | .26778 | .09714 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.1442 | .18093 | 8.4816 | .92001 | 1.7808 | 49.521 | 7.8767 |  |
| #2 | 2.1426 | .18173 | 8.5221 | .92195 | 1.7753 | 49.452 | 7.8839 |  |
| #3 | 2.1499 | .18231 | 8.4353 | .92725 | 1.7543 | 49.265 | 7.8920 |  |

Sample Name: S4      Acquired: 01/09/2025 15:40:13      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 1870.6 | 17441. | 832.68 | 1399.6 | 1862.8 |
| Stddev    | 3.1    | 16.    | 2.24   | 3.0    | 1.4    |
| %RSD      | .16704 | .09397 | .26926 | .21166 | .07362 |
| #1        | 1868.0 | 17460. | 832.49 | 1401.5 | 1863.6 |
| #2        | 1869.7 | 17432. | 830.53 | 1396.2 | 1861.3 |
| #3        | 1874.1 | 17432. | 835.00 | 1401.0 | 1863.7 |

Sample Name: S5      Acquired: 01/09/2025 15:43:59      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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    | 1669.4 | .98943 | 15.111 | .56454 | 1.1081 | 28.952 | 82.879 | 20.596 |
| Stddev | 4.8    | .00281 | .046   | .00222 | .0053  | .325   | .383   | .243   |
| %RSD   | .28462 | .28449 | .30423 | .39320 | .48297 | 1.1238 | .46200 | 1.1813 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1666.1 | .98937 | 15.088 | .56256 | 1.1060 | 29.267 | 83.306 | 20.876 |
| #2 | 1667.2 | .98664 | 15.080 | .56412 | 1.1040 | 28.972 | 82.764 | 20.457 |
| #3 | 1674.8 | .99227 | 15.163 | .56694 | 1.1141 | 28.617 | 82.566 | 20.453 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 18.718 | 41.078 | 8.8853 | 4.4930 | 268.35 | 7.2483 | 9.7542 | 4.4544 |
| Stddev | .056   | .298   | .0236  | .0115  | 3.26   | .0760  | .0852  | .0504  |
| %RSD   | .29667 | .72547 | .26502 | .25526 | 1.2131 | 1.0487 | .87318 | 1.1322 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 18.688 | 41.350 | 8.8605 | 4.4867 | 272.11 | 7.3199 | 9.8452 | 4.5008 |
| #2 | 18.683 | 41.124 | 8.9073 | 4.4860 | 266.36 | 7.2564 | 9.7412 | 4.4616 |
| #3 | 18.782 | 40.759 | 8.8881 | 4.5062 | 266.58 | 7.1685 | 9.6763 | 4.4007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.5554 | 1.1506 | 341.95 | 43.457 | 56.396 | 12.248 | .67020 | 12.534 |
| Stddev | .0079  | .0051  | 4.10   | .567   | .255   | .046   | .00249 | .158   |
| %RSD   | .22338 | .44608 | 1.1998 | 1.3037 | .45206 | .37617 | .37112 | 1.2640 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.5531 | 1.1474 | 346.42 | 44.109 | 56.484 | 12.276 | .66970 | 12.713 |
| #2 | 3.5489 | 1.1565 | 341.06 | 43.080 | 56.595 | 12.274 | .66801 | 12.412 |
| #3 | 3.5643 | 1.1478 | 338.36 | 43.182 | 56.108 | 12.195 | .67290 | 12.476 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.5457 | .38850 | 16.791 | 1.9205 | 3.5469 | 99.052 | 15.271 |
| Stddev | .0245  | .00097 | .220   | .0040  | .0360  | .862   | .095   |
| %RSD   | .53963 | .25024 | 1.3113 | .20765 | 1.0160 | .86983 | .62130 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5340 | .38819 | 17.043 | 1.9180 | 3.5820 | 99.914 | 15.339 |
| #2 | 4.5291 | .38772 | 16.639 | 1.9183 | 3.5488 | 99.051 | 15.312 |
| #3 | 4.5739 | .38959 | 16.690 | 1.9251 | 3.5100 | 98.191 | 15.163 |

Sample Name: S5      Acquired: 01/09/2025 15:43:59      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 1714.5 | 16779. | 826.00 | 1288.7 | 1730.7 |
| Stddev    | 4.3    | 135.   | 6.91   | 11.1   | 2.1    |
| %RSD      | .24953 | .80263 | .83620 | .85830 | .12121 |
| #1        | 1718.0 | 16899. | 818.92 | 1295.1 | 1733.0 |
| #2        | 1715.7 | 16633. | 826.36 | 1275.9 | 1728.9 |
| #3        | 1709.7 | 16804. | 832.72 | 1294.9 | 1730.2 |

Sample Name: S6      Acquired: 01/09/2025 15:47:53      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      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       | 76.783 | 65.032 | 18.823 | 6.7904 | 888.23 |
| Stddev    | .258   | .278   | .048   | .0235  | 6.54   |
| %RSD      | .33658 | .42711 | .25524 | .34673 | .73632 |
| #1        | 76.546 | 65.140 | 18.790 | 6.7763 | 893.47 |
| #2        | 77.059 | 65.239 | 18.878 | 6.8176 | 890.33 |
| #3        | 76.744 | 64.716 | 18.800 | 6.7774 | 880.90 |
| Int. Std. | Y_3710 |        |        |        |        |
| Units     | Cts/S  |        |        |        |        |
| Avg       | 805.77 |        |        |        |        |
| Stddev    | 3.86   |        |        |        |        |
| %RSD      | .47954 |        |        |        |        |
| #1        | 806.26 |        |        |        |        |
| #2        | 801.69 |        |        |        |        |
| #3        | 809.37 |        |        |        |        |

Sample Name: ICV056      Acquired: 01/09/2025 16:16:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.054501 | .9644973 | .9399848 | .9609912 | .9652180 | 2.406449 |
| Stddev | .004371  | .0021937 | .0094935 | .0064532 | .0021387 | .078885  |
| %RSD   | .4145087 | .2274411 | 1.009963 | .6715203 | .2215756 | 3.278054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.051735 | .9633307 | .9347068 | .9535840 | .9635682 | 2.324824 |
| #2 | 1.052227 | .9631335 | .9343030 | .9639915 | .9644516 | 2.412251 |
| #3 | 1.059540 | .9670278 | .9509444 | .9653980 | .9676343 | 2.482273 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4985257 | .5062102 | .4988889 | 10.11829 | .5214994 | .5179747 |
| Stddev | .0072790 | .0059574 | .0017889 | .05153   | .0015121 | .0017033 |
| %RSD   | 1.460103 | 1.176872 | .3585816 | .5092511 | .2899519 | .3288308 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5006706 | .5092014 | .4979747 | 10.14354 | .5197827 | .5160951 |
| #2 | .4904152 | .4993498 | .4977418 | 10.05901 | .5220819 | .5184130 |
| #3 | .5044912 | .5100793 | .5009502 | 10.15233 | .5226336 | .5194159 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5444407 | 9.933638 | .4928219 | 6.001199 | .5244319 | .2424891 |
| Stddev | .0050498 | .068424  | .0043134 | .119937  | .0009170 | .0010418 |
| %RSD   | .9275244 | .6888157 | .8752525 | 1.998553 | .1748483 | .4296380 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5464939 | 9.913452 | .4918864 | 5.866351 | .5235052 | .2414427 |
| #2 | .5386876 | 9.877578 | .4890530 | 6.095951 | .5244516 | .2424983 |
| #3 | .5481404 | 10.00989 | .4975264 | 6.041297 | .5253388 | .2435263 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.476341 | .5107611 | .9405983 | 9.279590 | F .0036569 | F -.031037 |
| Stddev | .076904  | .0029913 | .0014751 | .182437  | .0027153   | .001955    |
| %RSD   | .8115332 | .5856654 | .1568215 | 1.966008 | 74.25039   | 6.298174   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.491648 | .5122375 | .9394900 | 9.087260 | .0024514 | -.031578 |
| #2 | 9.392935 | .5073186 | .9422725 | 9.301322 | .0067662 | -.028869 |
| #3 | 9.544441 | .5127273 | .9400323 | 9.450188 | .0017532 | -.032664 |

Sample Name: ICV056      Acquired: 01/09/2025 16:16:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV056      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0013690 | F .0029603 | F .0027703 | F .0004639 | F .0062892 | F -.008295 |
| Stddev | .0007786   | .0022109   | .0035628   | .0007546   | .0150613   | .000807    |
| %RSD   | 56.87129   | 74.68628   | 128.6067   | 162.6655   | 239.4791   | 9.722463   |
| #1     | .0021475   | .0039417   | -.000372   | .0003874   | .0197342   | -.007448   |
| #2     | .0005904   | .0045106   | .002042    | .0012538   | .0091200   | -.009054   |
| #3     | .0013691   | .0004285   | .006641    | -.000250   | -.009987   | -.008384   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0031599 |
| Stddev | .0049378   |
| %RSD   | 156.2631   |
| #1     | .0079375   |
| #2     | .0034662   |
| #3     | -.001924   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2129.369 | 19567.78 | 891.2232 | 1619.879 | 2379.022 |
| Stddev    | 5.274    | 93.89    | 4.0943   | 11.472   | 5.909    |
| %RSD      | .2476749 | .4798090 | .4594031 | .7082194 | .2483778 |
| #1        | 2134.481 | 19657.34 | 889.8515 | 1624.974 | 2385.810 |
| #2        | 2123.947 | 19470.09 | 895.8273 | 1606.741 | 2376.231 |
| #3        | 2129.680 | 19575.91 | 887.9909 | 1627.921 | 2375.026 |

Sample Name: ICB056      Acquired: 01/09/2025 16:20:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026722 | .0017708 | -.005674 | -.001957 | -.002304 | -.007159 | -.001528 |
| Stddev | .0010964 | .0023547 | .002158  | .004819  | .000918  | .099825  | .003742  |
| %RSD   | 41.02923 | 132.9739 | 38.03632 | 246.2217 | 39.83492 | 1394.346 | 244.9324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037720 | -.000932 | -.006458 | -.006364 | -.001937 | .054050  | .002273  |
| #2 | .0015792 | .002867  | -.007330 | -.002696 | -.001626 | .046824  | -.001648 |
| #3 | .0026655 | .003378  | -.003233 | .003188  | -.003348 | -.122352 | -.005209 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000154 | .0001402 | .1204065 | -.000326 | .0000471 | -.000494 | -.013883 |
| Stddev | .000313  | .0000355 | .0553096 | .001224  | .0002563 | .001076  | .026092  |
| %RSD   | 203.5386 | 25.30251 | 45.93571 | 375.6700 | 544.7299 | 217.8924 | 187.9422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000108  | .0000995 | .1528976 | -.001479 | -.000053 | .000729  | -.016907 |
| #2 | -.000069 | .0001645 | .1517781 | -.000456 | .000338  | -.000916 | .013589  |
| #3 | -.000500 | .0001565 | .0565438 | .000958  | -.000144 | -.001295 | -.038332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051486 | .1002956 | -.000313 | -.000704 | .0427680 | .0011502 | .0002976 |
| Stddev | .0046079 | .1326721 | .000782  | .001358  | .0255167 | .0005495 | .0010263 |
| %RSD   | 89.49820 | 132.2811 | 249.9887 | 193.0502 | 59.66315 | 47.77680 | 344.8272 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072785 | .2457234 | -.001125 | -.002177 | .0205928 | .0017696 | -.000887 |
| #2 | .0083063 | .0692940 | -.000249 | .000498  | .0370537 | .0007213 | .000858  |
| #3 | -.000139 | -.014131 | .000435  | -.000431 | .0706574 | .0009595 | .000922  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.148743 | -.000372 | .0008255 | .0000575 | .0057700 | -.002277 | -.001634 |
| Stddev | .042659  | .001112  | .0046451 | .0008763 | .0009150 | .003799  | .000554  |
| %RSD   | 28.67976 | 298.7115 | 562.7113 | 1524.140 | 15.85800 | 166.7972 | 33.90643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.099515 | -.000535 | .0059574 | -.000934 | .0065701 | -.003713 | -.002222 |
| #2 | -.174866 | -.001394 | -.003091 | .000727  | .0047724 | -.005149 | -.001556 |
| #3 | -.171847 | .000813  | -.000390 | .000380  | .0059675 | .002030  | -.001123 |



Sample Name: ICB056      Acquired: 01/09/2025 16:20:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0026428 | .0003797 | .0008655 |
| Stddev | .0085962 | .0003148 | .0062799 |
| %RSD   | 325.2754 | 82.91910 | 725.5709 |
| #1     | .0114722 | .0007421 | .0028459 |
| #2     | -.005700 | .0002232 | -.006166 |
| #3     | .002156  | .0001737 | .005917  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2162.514 | 19803.66 | 883.9889 | 1628.096 | 2539.654 |
| Stddev    | 10.729   | 135.54   | 5.9463   | 9.247    | 15.595   |
| %RSD      | .4961282 | .6844358 | .6726666 | .5679654 | .6140742 |
| #1        | 2151.094 | 19796.95 | 881.5333 | 1623.612 | 2523.732 |
| #2        | 2164.065 | 19942.43 | 890.7697 | 1638.730 | 2540.331 |
| #3        | 2172.383 | 19671.59 | 879.6636 | 1621.945 | 2554.901 |

Sample Name: ICSA056      Acquired: 01/09/2025 16:24:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065711 | .0032985 | -.007006 | .0043113 | .0119283 | 244.4054 |
| Stddev | .0047051 | .0041706 | .002800  | .0020784 | .0054716 | 1.6030   |
| %RSD   | 71.60246 | 126.4386 | 39.96972 | 48.20715 | 45.87106 | .6558659 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0118194 | .0061536 | -.005424 | .0048963 | .0091393 | 246.0226 |
| #2 | .0051635 | -.001488 | -.005355 | .0020031 | .0182325 | 242.8171 |
| #3 | .0027305 | .005230  | -.010239 | .0060345 | .0084132 | 244.3765 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000363 | .0013166 | .0005669 | 253.1261 | .0493590 | .0024519 |
| Stddev | .003120  | .0001551 | .0001697 | .8106    | .0008715 | .0004505 |
| %RSD   | 858.7917 | 11.77802 | 29.93823 | .3202540 | 1.765666 | 18.37391 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .003238  | .0012016 | .0004783 | 253.3823 | .0483667 | .0021722 |
| #2 | -.002090 | .0012552 | .0004598 | 252.2183 | .0497100 | .0029715 |
| #3 | -.002238 | .0014929 | .0007625 | 253.7777 | .0500002 | .0022118 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016820 | 100.5131 | .0072834 | 259.8343 | .0003882 | .0033932 |
| Stddev | .001674  | .6993    | .0009460 | 2.2596   | .0009946 | .0004989 |
| %RSD   | 9.952101 | .6957093 | 12.98886 | .8696349 | 256.1999 | 14.70253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.018669 | 101.1787 | .0077208 | 260.7954 | -.000517 | .0039523 |
| #2 | -.016382 | 99.7844  | .0079316 | 257.2530 | .000229  | .0029933 |
| #3 | -.015408 | 100.5762 | .0061979 | 261.4544 | .001453  | .0032340 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2420162 | .0017881 | -.032685 | -.696309 | -.000073 | F -.312394 |
| Stddev | .0345129 | .0006063 | .000393  | .579944  | .002316  | .001297    |
| %RSD   | 14.26056 | 33.90772 | 1.201375 | 83.28836 | 3180.741 | .4150810   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2350539 | .0015317 | -.032554 | -1.25244 | -.002368 | -.313326 |
| #2 | .2115153 | .0013520 | -.032375 | -.74131  | -.000113 | -.312943 |
| #3 | .2794795 | .0024804 | -.033127 | -.09517  | .002262  | -.310913 |

Sample Name: ICSA056      Acquired: 01/09/2025 16:24:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0073825 | .0166499 | -.007504 | F .0123032 | .0098124 | .0059599 |
| Stddev | .0012894 | .0023193 | .003874  | .0007583   | .0055604 | .0007240 |
| %RSD   | 17.46637 | 13.93006 | 51.61723 | 6.163869   | 56.66713 | 12.14765 |
| #1     | .0086683 | .0172034 | -.005718 | .0125273   | .0033964 | .0067549 |
| #2     | .0060894 | .0141038 | -.011949 | .0114580   | .0128102 | .0057862 |
| #3     | .0073898 | .0186423 | -.004847 | .0129242   | .0132306 | .0053385 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0213720 |
| Stddev | .0033067   |
| %RSD   | 15.47202   |
| #1     | .0246079   |
| #2     | .0215093   |
| #3     | .0179988   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1997.188 | 17777.16 | 836.5965 | 1471.309 | 2011.791 |
| Stddev    | 11.380   | 74.22    | 6.0828   | 6.647    | 9.313    |
| %RSD      | .5697876 | .4174746 | .7270920 | .4518026 | .4629053 |
| #1        | 1987.773 | 17691.94 | 830.5078 | 1473.775 | 2004.232 |
| #2        | 1993.956 | 17827.62 | 842.6734 | 1463.781 | 2008.947 |
| #3        | 2009.834 | 17811.90 | 836.6084 | 1476.370 | 2022.194 |

Sample Name: ICSAB056      Acquired: 01/09/2025 16:28:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1057474 | .0953406 | .0450677 | .0556819 | .5703733 | 250.0213 |
| Stddev | .0043569 | .0030533 | .0040363 | .0074066 | .0040609 | 6.4749   |
| %RSD   | 4.120112 | 3.202538 | 8.956022 | 13.30167 | .7119722 | 2.589755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1015607 | .0970508 | .0492433 | .0640464 | .5746411 | 257.4852 |
| #2 | .1102566 | .0918155 | .0411869 | .0530436 | .5665570 | 246.6668 |
| #3 | .1054248 | .0971555 | .0447728 | .0499556 | .5699219 | 245.9119 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5356720 | .5336053 | .9572904 | 258.5413 | .5754660 | .4794380 |
| Stddev | .0153252 | .0114617 | .0020668 | 6.3483   | .0017017 | .0021721 |
| %RSD   | 2.860925 | 2.147977 | .2158992 | 2.455417 | .2957066 | .4530597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5526567 | .5468279 | .9576094 | 265.8670 | .5735592 | .4769377 |
| #2 | .5228782 | .5274869 | .9550827 | 255.1042 | .5760085 | .4805156 |
| #3 | .5314812 | .5265010 | .9591792 | 254.6526 | .5768303 | .4808605 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5100925 | 103.2154 | .5176293 | 264.1130 | .9531618 | .2048530 |
| Stddev | .0125637 | 2.5203   | .0133596 | 6.0830   | .0022969 | .0019010 |
| %RSD   | 2.463029 | 2.441742 | 2.580918 | 2.303171 | .2409712 | .9280010 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5245440 | 106.1253 | .5319853 | 271.1260 | .9523775 | .2030031 |
| #2 | .5017661 | 101.7905 | .5153408 | 260.9459 | .9513599 | .2068013 |
| #3 | .5039673 | 101.7303 | .5055617 | 260.2669 | .9557481 | .2047547 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2575899 | .5286163 | .9119540 | -.327334 | .0002730 | F -.324806 |
| Stddev | .0219008 | .0114744 | .0023820 | .191926  | .0063192 | .010002    |
| %RSD   | 8.502207 | 2.170648 | .2611943 | 58.63323 | 2314.627 | 3.079333   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2785544 | .5418046 | .9138462 | -.247223 | .0063683 | -.335323 |
| #2 | .2593555 | .5209205 | .9127366 | -.188441 | -.006249 | -.315415 |
| #3 | .2348596 | .5231239 | .9092792 | -.546337 | .000699  | -.323679 |

Sample Name: ICSAB056      Acquired: 01/09/2025 16:28:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB056      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0077877 | .0274310 | -.007075 | F .0131289 | -.000724 | .0063052 |
| Stddev | .0007698 | .0064024 | .003858  | .0012608   | .010900  | .0011895 |
| %RSD   | 9.885036 | 23.33998 | 54.53223 | 9.603506   | 1506.359 | 18.86596 |
| #1     | .0083339 | .0348154 | -.005281 | .0124603   | -.009334 | .0065152 |
| #2     | .0069072 | .0240447 | -.011504 | .0145833   | .011532  | .0073757 |
| #3     | .0081219 | .0234328 | -.004441 | .0123433   | -.004369 | .0050246 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0020669 |
| Stddev | .0024706 |
| %RSD   | 119.5303 |
| #1     | .0015783 |
| #2     | -.000123 |
| #3     | .004745  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1982.175 | 17878.37 | 825.9091 | 1492.681 | 2006.742 |
| Stddev    | 4.469    | 44.76    | 19.7996  | 3.815    | 6.903    |
| %RSD      | .2254800 | .2503564 | 2.397313 | .2555706 | .3440036 |
| #1        | 1981.072 | 17843.65 | 803.1030 | 1489.346 | 2007.424 |
| #2        | 1987.093 | 17928.89 | 838.7037 | 1496.841 | 2013.279 |
| #3        | 1978.361 | 17862.58 | 835.9206 | 1491.855 | 1999.523 |

Sample Name: CCV138      Acquired: 01/09/2025 16:32:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV138      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.926010 | 4.793179 | 24.53606 | 5.024024 | 4.900037 | 399.7188 |
| Stddev | .030011  | .017705  | .06763   | .012729  | .004755  | 3.8709   |
| %RSD   | .6092378 | .3693882 | .2756421 | .2533613 | .0970442 | .9684091 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.932932 | 4.792148 | 24.54307 | 5.020074 | 4.905254 | 404.1091 |
| #2 | 4.951956 | 4.776012 | 24.46520 | 5.013737 | 4.895946 | 396.7970 |
| #3 | 4.893143 | 4.811378 | 24.59992 | 5.038259 | 4.898912 | 398.2504 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.06798 | .5087858 | 2.473136 | 404.0253 | 15.37743 | 2.376531 |
| Stddev | .07588   | .0025271 | .004977  | 2.6441   | .05340   | .008305  |
| %RSD   | .7536492 | .4966983 | .2012289 | .6544275 | .3472776 | .3494525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.11148 | .5097609 | 2.473560 | 406.7686 | 15.31780 | 2.374293 |
| #2 | 9.98037  | .5059164 | 2.467961 | 401.4931 | 15.42085 | 2.369574 |
| #3 | 10.11210 | .5106802 | 2.477887 | 403.8143 | 15.39364 | 2.385725 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.93146 | 406.9898 | 15.04400 | 410.8687 | 2.487054 | 1.260868 |
| Stddev | .10242   | 2.1409   | .05606   | 1.5042   | .002085  | .004828  |
| %RSD   | .6859345 | .5260320 | .3726690 | .3660982 | .0838216 | .3829377 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.02326 | 409.1054 | 15.08945 | 411.9153 | 2.488772 | 1.256302 |
| #2 | 14.82099 | 404.8245 | 14.98135 | 409.1450 | 2.484735 | 1.265922 |
| #3 | 14.95013 | 407.0396 | 15.06120 | 411.5460 | 2.487656 | 1.260380 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 419.9493 | 2.496373 | 14.70857 | 154.9430 | 4.906097 | F 4.150595 |
| Stddev | 4.7978   | .022647  | .01386   | 1.1202   | .004694  | .031523    |
| %RSD   | 1.142471 | .9071968 | .0942570 | .7229865 | .0956774 | .7594925   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 425.4306 | 2.518079 | 14.71921 | 155.7098 | 4.906323 | 4.174276 |
| #2 | 416.5118 | 2.472890 | 14.71360 | 153.6575 | 4.901294 | 4.114814 |
| #3 | 417.9054 | 2.498149 | 14.69289 | 155.4619 | 4.910674 | 4.162694 |

Sample Name: CCV138      Acquired: 01/09/2025 16:32:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV138      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.842420 | 4.973875 | 4.847152 | 4.965872 | 5.048343 | 4.771459 |
| Stddev | .014754  | .023757  | .030250  | .013571  | .025436  | .038057  |
| %RSD   | .3046912 | .4776372 | .6240868 | .2732933 | .5038533 | .7975932 |
| #1     | 4.844969 | 4.954884 | 4.870717 | 4.960902 | 5.077080 | 4.814403 |
| #2     | 4.826557 | 4.966227 | 4.813040 | 4.955485 | 5.028715 | 4.741911 |
| #3     | 4.855734 | 5.000514 | 4.857698 | 4.981227 | 5.039235 | 4.758064 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.060383 |
| Stddev | .037064  |
| %RSD   | .7324365 |
| #1     | 5.076629 |
| #2     | 5.017970 |
| #3     | 5.086550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1813.285 | 16917.16 | 817.2165 | 1368.121 | 1792.412 |
| Stddev    | 10.383   | 12.78    | 7.0262   | 1.564    | 12.824   |
| %RSD      | .5725879 | .0755161 | .8597716 | .1143313 | .7154448 |
| #1        | 1814.156 | 16922.95 | 810.4002 | 1366.326 | 1794.775 |
| #2        | 1823.204 | 16902.51 | 824.4353 | 1368.838 | 1803.890 |
| #3        | 1802.494 | 16926.01 | 816.8140 | 1369.197 | 1778.571 |

Sample Name: CCB138      Acquired: 01/09/2025 16:36:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB138      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001932 | -.012040 | .0020230 | -.008503 | -.004146 | .0378221 |
| Stddev | .002577  | .019661  | .0023936 | .003001  | .002685  | .0191363 |
| %RSD   | 133.4086 | 163.2944 | 118.3204 | 35.29538 | 64.75786 | 50.59547 |
| #1     | -.001463 | .000843  | .0035999 | -.005279 | -.002691 | .0376041 |
| #2     | .000379  | -.002294 | .0032003 | -.009012 | -.002502 | .0187958 |
| #3     | -.004711 | -.034670 | -.000731 | -.011216 | -.007244 | .0570664 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005051 | -.000273 | .0001065 | -.009872 | -.000873 | .0001869 |
| Stddev | .002669  | .000100  | .0001585 | .075404  | .000632  | .0005514 |
| %RSD   | 52.83975 | 36.57252 | 148.7950 | 763.8519 | 72.38726 | 295.0214 |
| #1     | -.003635 | -.000382 | .0000392 | .075061  | -.000143 | .0006850 |
| #2     | -.003389 | -.000187 | -.000007 | -.068940 | -.001247 | .0002812 |
| #3     | -.008130 | -.000248 | .000288  | -.035736 | -.001230 | -.000406 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012442 | -.075075 | .0086902 | .0685832 | -.000468 | -.000566 |
| Stddev | .0014680 | .021675  | .0049022 | .2271095 | .001031  | .001203  |
| %RSD   | 117.9829 | 28.87126 | 56.41110 | 331.1443 | 220.3991 | 212.6989 |
| #1     | .0029117 | -.083727 | .0105939 | .2486479 | -.000572 | -.000330 |
| #2     | .0001467 | -.091087 | .0123550 | -.186559 | -.001443 | -.001870 |
| #3     | .0006743 | -.050410 | .0031217 | .143661  | .000611  | .000502  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0676876 | .0011149 | .0012546 | .1672786 | -.000421 | .0199236 |
| Stddev | .0548188 | .0008805 | .0004854 | .2722503 | .001707  | .0023099 |
| %RSD   | 80.98797 | 78.97589 | 38.69002 | 162.7526 | 405.3930 | 11.59404 |
| #1     | .0421782 | .0004456 | .0018149 | .2345731 | -.002272 | .0179279 |
| #2     | .1306125 | .0021124 | .0009883 | -.132308 | .001091  | .0193888 |
| #3     | .0302720 | .0007868 | .0009606 | .399571  | -.000082 | .0224540 |



Sample Name: CCB138      Acquired: 01/09/2025 16:36:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB138      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009007 | -.002969 | -.002520 | .0000538 | .0122039 | -.000066 |
| Stddev | .0005416 | .000732  | .003131  | .0007842 | .0043833 | .000579  |
| %RSD   | 60.12922 | 24.66761 | 124.2199 | 1456.814 | 35.91703 | 879.6475 |
| #1     | .0012958 | -.003151 | -.006071 | .0002967 | .0072329 | .000599  |
| #2     | .0002833 | -.002162 | -.000157 | -.000823 | .0155138 | -.000338 |
| #3     | .0011230 | -.003593 | -.001333 | .000688  | .0138651 | -.000458 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0296918 |
| Stddev | .0030778   |
| %RSD   | 10.36575   |
| #1     | .0327682   |
| #2     | .0296944   |
| #3     | .0266127   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2141.090 | 19665.53 | 876.2313 | 1601.612 | 2515.407 |
| Stddev    | 4.310    | 78.62    | 2.5284   | 7.021    | 5.655    |
| %RSD      | .2013197 | .3998081 | .2885580 | .4383586 | .2248260 |
| #1        | 2141.458 | 19608.23 | 878.8242 | 1593.695 | 2519.824 |
| #2        | 2145.204 | 19755.16 | 876.0970 | 1604.059 | 2517.364 |
| #3        | 2136.607 | 19633.19 | 873.7727 | 1607.082 | 2509.033 |

Sample Name: PB165190BL      Acquired: 01/09/2025 16:40:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW190      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003566 | -.002235 | -.005288 | -.000499 | -.001889 | .0212349 | -.003624 |
| Stddev | .002394  | .002925  | .000837  | .009471  | .003366  | .0659352 | .004692  |
| %RSD   | 67.13319 | 130.8699 | 15.82438 | 1897.587 | 178.1525 | 310.5041 | 129.4797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005209 | -.001284 | -.006252 | .005066  | -.005015 | -.047640 | -.006279 |
| #2 | -.004671 | -.005517 | -.004750 | -.011434 | -.002327 | .083772  | .001794  |
| #3 | -.000819 | .000096  | -.004862 | .004871  | .001674  | .027573  | -.006386 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000101 | .0000323 | .0025358 | -.000923 | -.000472 | -.001084 | -.015287 |
| Stddev | .000115  | .0000980 | .0393498 | .000951  | .000393  | .001024  | .023880  |
| %RSD   | 113.5503 | 303.0913 | 1551.760 | 102.9976 | 83.18694 | 94.50833 | 156.2100 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000215 | .0001383 | .0398217 | -.002007 | -.000300 | -.000065 | .011741  |
| #2 | -.000102 | -.000055 | .0063813 | -.000538 | -.000922 | -.002113 | -.024069 |
| #3 | .000014  | .000013  | -.038596 | -.000225 | -.000195 | -.001073 | -.033533 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000649 | .1223125 | .0002567 | -.001095 | .0342793 | .0007052 | -.000767 |
| Stddev | .005844  | .1732867 | .0001037 | .000672  | .0211216 | .0002633 | .000817  |
| %RSD   | 900.5360 | 141.6754 | 40.37381 | 61.36773 | 61.61617 | 37.33561 | 106.5142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .005862  | .3002632 | .0003626 | -.000442 | .0152132 | .0009912 | -.000415 |
| #2 | -.002369 | .1125735 | .0002521 | -.001784 | .0306411 | .0006515 | -.000185 |
| #3 | -.005439 | -.045899 | .0001555 | -.001058 | .0569838 | .0004729 | -.001701 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.073507 | .0021648 | .0070534 | .0004603 | .0019879 | -.001167 | -.000330 |
| Stddev | .291201  | .0020052 | .0016180 | .0009799 | .0067681 | .001706  | .000335  |
| %RSD   | 396.1562 | 92.62585 | 22.93894 | 212.9089 | 340.4567 | 146.1712 | 101.4477 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.397841 | .0002255 | .0053752 | .0015135 | -.005717 | -.000839 | -.000091 |
| #2 | .011826  | .0020391 | .0071817 | .0002917 | .004710  | -.003012 | -.000186 |
| #3 | .165495  | .0042300 | .0086035 | -.000424 | .006972  | .000351  | -.000713 |

Sample Name: PB165190BL      Acquired: 01/09/2025 16:40:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW190      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0097752 | -.000117 | -.000558 |
| Stddev | .0101531 | .000835  | .002381  |
| %RSD   | 103.8668 | 716.2173 | 426.3905 |
| #1     | .0029124 | -.000825 | -.002921 |
| #2     | .0049747 | .000804  | -.000594 |
| #3     | .0214384 | -.000329 | .001840  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2169.751 | 19830.51 | 884.0798 | 1631.578 | 2550.308 |
| Stddev    | 8.258    | 68.89    | 5.1191   | 12.401   | 7.599    |
| %RSD      | .3806054 | .3473983 | .5790322 | .7600718 | .2979591 |
| #1        | 2161.534 | 19881.06 | 879.7515 | 1645.891 | 2543.386 |
| #2        | 2169.670 | 19752.04 | 889.7303 | 1624.045 | 2549.098 |
| #3        | 2178.050 | 19858.42 | 882.7576 | 1624.798 | 2558.439 |

Sample Name: PB165190BS      Acquired: 01/09/2025 16:44:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS190      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0239835 | .0518567 | .0147327 | .0510652 | .1072379 | .4526138 |
| Stddev | .0019289 | .0034921 | .0001912 | .0048891 | .0037412 | .0484578 |
| %RSD   | 8.042395 | 6.734077 | 1.298113 | 9.574217 | 3.488690 | 10.70621 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0224052 | .0550762 | .0145149 | .0513608 | .1102573 | .4810427 |
| #2 | .0234117 | .0523496 | .0148099 | .0460350 | .1030526 | .3966621 |
| #3 | .0261336 | .0481444 | .0148733 | .0557997 | .1084038 | .4801368 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4056733 | .0101725 | .0089031 | 10.45463 | .0194814 | .0962777 |
| Stddev | .0021586 | .0002274 | .0000716 | .13151   | .0018740 | .0004301 |
| %RSD   | .5320981 | 2.235196 | .8043938 | 1.257864 | 9.619309 | .4467511 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4078226 | .0101113 | .0089517 | 10.30463 | .0205860 | .0967738 |
| #2 | .4035056 | .0099820 | .0088209 | 10.50921 | .0205406 | .0960514 |
| #3 | .4056917 | .0104242 | .0089367 | 10.55006 | .0173177 | .0960081 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0581090 | .1807624 | .0336836 | 10.59930 | .0732376 | .0200442 |
| Stddev | .0003406 | .0839402 | .0027122 | .33570   | .0002925 | .0004146 |
| %RSD   | .5861890 | 46.43676 | 8.051897 | 3.167220 | .3994158 | 2.068189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0583757 | .1687614 | .0311240 | 10.76952 | .0734285 | .0199360 |
| #2 | .0577253 | .1034686 | .0334008 | 10.81580 | .0729008 | .0205021 |
| #3 | .0582259 | .2700573 | .0365261 | 10.21259 | .0733833 | .0196945 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 12.23187 | .1073666 | .1143011 | 9.367460 | .0146438 | F .0023803 |
| Stddev | .06339   | .0010961 | .0006128 | .065386  | .0030979 | .0048008   |
| %RSD   | .5182559 | 1.020865 | .5361380 | .6980108 | 21.15531 | 201.6867   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.17557 | .1067577 | .1136364 | 9.324623 | .0141579 | .0068792 |
| #2 | 12.21951 | .1067102 | .1148436 | 9.335035 | .0179560 | .0029359 |
| #3 | 12.30053 | .1086319 | .1144234 | 9.442721 | .0118175 | -.002674 |

Sample Name: PB165190BS      Acquired: 01/09/2025 16:44:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS190      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0203482 | .1656855 | F 1.071626 | .0117485 | .2043677 | .2093093 |
| Stddev | .0007521 | .0036579 | .007317    | .0020202 | .0104652 | .0012214 |
| %RSD   | 3.696154 | 2.207752 | .6828073   | 17.19559 | 5.120783 | .5835419 |
| #1     | .0194908 | .1622216 | 1.074729   | .0133522 | .2148938 | .2083420 |
| #2     | .0208962 | .1653244 | 1.063269   | .0124138 | .2042448 | .2089040 |
| #3     | .0206578 | .1695106 | 1.076880   | .0094795 | .1939644 | .2106818 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0396115 |
| Stddev | .0036380   |
| %RSD   | 9.184260   |
| #1     | .0437978   |
| #2     | .0372163   |
| #3     | .0378204   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2131.716 | 19468.29 | 882.1687 | 1613.836 | 2396.010 |
| Stddev    | 4.470    | 60.99    | 5.3215   | 10.099   | 5.621    |
| %RSD      | .2096781 | .3132662 | .6032304 | .6257485 | .2345907 |
| #1        | 2127.956 | 19398.47 | 881.2303 | 1622.807 | 2391.330 |
| #2        | 2130.534 | 19511.13 | 887.8970 | 1602.899 | 2394.455 |
| #3        | 2136.658 | 19495.28 | 877.3788 | 1615.801 | 2402.244 |

Sample Name: PB165909BL      Acquired: 01/09/2025 16:48:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS909      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001605 | .0004529 | -.005560 | -.009768 | .0017259 | -.016263 | -.004111 |
| Stddev | .003556  | .0026886 | .002397  | .004016  | .0070938 | .025337  | .003082  |
| %RSD   | 221.5159 | 593.6995 | 43.11348 | 41.11392 | 411.0250 | 155.7953 | 74.96819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002997 | -.002643 | -.006241 | -.007380 | .0094665 | -.039277 | -.002567 |
| #2 | -.004255 | .002197  | -.007542 | -.007520 | .0001761 | .010888  | -.007659 |
| #3 | .002436  | .001805  | -.002896 | -.014405 | -.004465 | -.020399 | -.002105 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000175 | .0000520 | .0145096 | -.000803 | .0000526 | -.000247 | -.065391 |
| Stddev | .000269  | .0000910 | .0312275 | .000548  | .0005275 | .001159  | .067292  |
| %RSD   | 153.8781 | 175.2299 | 215.2201 | 68.28231 | 1003.088 | 469.2858 | 102.9060 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000102 | -.000033 | .0354578 | -.000282 | -.000552 | .000593  | -.056962 |
| #2 | -.000472 | .000148  | .0294526 | -.000751 | .000422  | -.001569 | -.002711 |
| #3 | .000050  | .000041  | -.021382 | -.001375 | .000288  | .000235  | -.136500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035479 | -.053180 | .0001876 | -.001430 | .0467273 | .0012472 | -.001420 |
| Stddev | .0041967 | .116231  | .0011735 | .000576  | .0041949 | .0005346 | .000823  |
| %RSD   | 118.2856 | 218.5627 | 625.6461 | 40.30933 | 8.977433 | 42.86209 | 57.93261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001238 | .079790  | .0000403 | -.001498 | .0420260 | .0007176 | -.001153 |
| #2 | .006601  | -.103888 | .0014277 | -.001969 | .0480677 | .0017866 | -.002343 |
| #3 | .005280  | -.135441 | -.000905 | -.000822 | .0500882 | .0012374 | -.000764 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.136526 | -.000924 | -.000216 | .0010574 | .0007806 | -.003174 | -.000308 |
| Stddev | .109588  | .003468  | .000823  | .0008259 | .0032096 | .001872  | .001051  |
| %RSD   | 80.26948 | 375.2730 | 381.3310 | 78.10246 | 411.1688 | 58.97834 | 341.3002 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.045487 | -.002008 | .000164  | .0018845 | .0016745 | -.005334 | -.000283 |
| #2 | -.258161 | -.003721 | -.001160 | .0010549 | -.002781 | -.002026 | -.001371 |
| #3 | -.105929 | .002956  | .000349  | .0002328 | .003448  | -.002161 | .000730  |

Sample Name: PB165909BL      Acquired: 01/09/2025 16:48:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS909      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0021551 | .0003057 | -.010304 |
| Stddev | .0009883 | .0002565 | .001933  |
| %RSD   | 45.85723 | 83.90503 | 18.75819 |
| #1     | .0014838 | .0004288 | -.008098 |
| #2     | .0016916 | .0000109 | -.011114 |
| #3     | .0032900 | .0004775 | -.011700 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2192.768 | 20075.71 | 891.4495 | 1645.683 | 2572.124 |
| Stddev    | 4.518    | 92.20    | 6.1632   | 5.863    | 6.105    |
| %RSD      | .2060339 | .4592847 | .6913706 | .3562486 | .2373690 |
| #1        | 2188.547 | 20143.13 | 893.6788 | 1650.130 | 2565.738 |
| #2        | 2192.223 | 19970.64 | 884.4818 | 1639.039 | 2572.729 |
| #3        | 2197.534 | 20113.37 | 896.1879 | 1647.879 | 2577.904 |

Sample Name: PB165909BS      Acquired: 01/09/2025 16:52:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS909      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0201727 | .0484723 | .0168962 | .0596797 | .1062029   | .4268540   |
| Stddev | .0019415 | .0036060 | .0010884 | .0105032 | .0012568   | .0567408   |
| %RSD   | 9.624486 | 7.439188 | 6.441567 | 17.59926 | 1.183401   | 13.29279   |
| #1     | .0218224 | .0444425 | .0157776 | .0715164 | .1073399   | .3777070   |
| #2     | .0206626 | .0513945 | .0179516 | .0514731 | .1064153   | .4139049   |
| #3     | .0180332 | .0495800 | .0169593 | .0560497 | .1048534   | .4889502   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .3988148 | .0099067 | .0086457 | 10.40457 | .0194988   | .0930702   |
| Stddev | .0017942 | .0002341 | .0001774 | .03095   | .0006417   | .0003556   |
| %RSD   | .4498908 | 2.362636 | 2.052134 | .2974990 | 3.291192   | .3820954   |
| #1     | .3999997 | .0101626 | .0086594 | 10.41910 | .0188989   | .0933937   |
| #2     | .3996942 | .0098542 | .0088158 | 10.42559 | .0194220   | .0931274   |
| #3     | .3967505 | .0097034 | .0084618 | 10.36903 | .0201754   | .0926894   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0580692 | .1533972 | .0351313 | 10.45923 | .0709480   | .0177438   |
| Stddev | .0006243 | .0888096 | .0084350 | .22256   | .0013593   | .0014730   |
| %RSD   | 1.075079 | 57.89519 | 24.00997 | 2.127853 | 1.915866   | 8.301606   |
| #1     | .0573706 | .0572624 | .0328220 | 10.35867 | .0722944   | .0184988   |
| #2     | .0582648 | .2323794 | .0444804 | 10.71432 | .0695762   | .0160463   |
| #3     | .0585723 | .1705498 | .0280915 | 10.30470 | .0709734   | .0186862   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 12.18845 | .1068773 | .1131159 | 9.688018 | F .0120156 | F -.000328 |
| Stddev | .12903   | .0022483 | .0003795 | .251417  | .0027781   | .004191    |
| %RSD   | 1.058598 | 2.103653 | .3355230 | 2.595132 | 23.12082   | 1277.266   |
| #1     | 12.22382 | .1074514 | .1133907 | 9.602147 | .0090546   | -.003058   |
| #2     | 12.29610 | .1087829 | .1132742 | 9.490786 | .0124272   | .004497    |
| #3     | 12.04542 | .1043976 | .1126829 | 9.971120 | .0145649   | -.002423   |



Sample Name: PB165909BS      Acquired: 01/09/2025 16:52:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS909      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0211942 | .1634484 | F 1.071073 | .0115993 | .2068504 | .2100131 |
| Stddev | .0006179 | .0036203 | .015293    | .0005867 | .0141135 | .0011825 |
| %RSD   | 2.915210 | 2.214930 | 1.427841   | 5.057677 | 6.823033 | .5630734 |
| #1     | .0219061 | .1595632 | 1.063028   | .0110168 | .1981477 | .2103334 |
| #2     | .0208791 | .1667272 | 1.088709   | .0121900 | .1992691 | .2110025 |
| #3     | .0207974 | .1640549 | 1.061480   | .0115913 | .2231344 | .2087035 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0254467 |
| Stddev | .0052585 |
| %RSD   | 20.66479 |
| #1     | .0193810 |
| #2     | .0287193 |
| #3     | .0282397 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2169.899 | 19822.96 | 878.7525 | 1627.126 | 2431.698 |
| Stddev    | 4.881    | 57.48    | 4.5173   | 6.251    | 2.091    |
| %RSD      | .2249492 | .2899591 | .5140570 | .3841989 | .0859703 |
| #1        | 2165.352 | 19806.94 | 877.0242 | 1624.303 | 2432.409 |
| #2        | 2175.057 | 19886.76 | 875.3545 | 1634.291 | 2433.341 |
| #3        | 2169.289 | 19775.20 | 883.8788 | 1622.785 | 2429.345 |

Sample Name: PB165921BL      Acquired: 01/09/2025 16:57:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS921      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003882 | .0017381 | -.004877 | -.000583 | .0010360 | .0044804 | -.003032 |
| Stddev | .002465  | .0004361 | .002423  | .005320  | .0026236 | .0485810 | .003537  |
| %RSD   | 63.51138 | 25.08771 | 49.67834 | 912.9301 | 253.2457 | 1084.312 | 116.6559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004848 | .0013403 | -.004502 | -.006165 | .0020613 | -.013830 | -.004035 |
| #2 | -.001080 | .0016697 | -.002664 | -.000012 | .0029921 | -.032285 | -.005960 |
| #3 | -.005718 | .0022044 | -.007467 | .004429  | -.001945 | .059556  | .000898  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000104 | .0000880 | .0089798 | -.000075 | .0002012 | -.000570 | .0412723 |
| Stddev | .000163  | .0001334 | .0426853 | .000538  | .0001145 | .000473  | .0777781 |
| %RSD   | 156.9853 | 151.6782 | 475.3471 | 714.7911 | 56.93652 | 83.05175 | 188.4509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000014  | .0002419 | .0297028 | .000264  | .0000941 | -.000595 | .0568737 |
| #2 | -.000290 | .0000174 | -.040111 | -.000696 | .0001874 | -.000084 | .1100672 |
| #3 | -.000035 | .0000047 | .037348  | .000206  | .0003220 | -.001030 | -.043124 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038069 | .3097780 | .0003570 | -.001575 | .0259026 | .0005727 | -.000418 |
| Stddev | .0037149 | .1873982 | .0006572 | .001453  | .0258599 | .0009572 | .000293  |
| %RSD   | 97.58125 | 60.49437 | 184.0874 | 92.25028 | 99.83509 | 167.1490 | 70.12578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041900 | .0965480 | -.000170 | -.003220 | -.000706 | .0014368 | -.000628 |
| #2 | -.000085 | .4482963 | .000148  | -.000469 | .027471  | .0007375 | -.000083 |
| #3 | .007315  | .3844897 | .001093  | -.001035 | .050943  | -.000456 | -.000544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.406246 | -.002067 | .0012164 | -.000073 | -.000310 | .0011470 | -.000774 |
| Stddev | .093780  | .002721  | .0053716 | .000743  | .003086  | .0044531 | .000683  |
| %RSD   | 23.08448 | 131.6578 | 441.6028 | 1021.163 | 995.8342 | 388.2451 | 88.23435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.423256 | -.001963 | -.003361 | -.000930 | .003130  | .0044469 | .000014  |
| #2 | -.490356 | .000601  | .007130  | .000314  | -.002834 | .0029120 | -.001151 |
| #3 | -.305125 | -.004839 | -.000119 | .000397  | -.001226 | -.003918 | -.001187 |

Sample Name: PB165921BL      Acquired: 01/09/2025 16:57:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS921      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0023647 | .0002541 | -.005152 |
| Stddev | .0018923 | .0002416 | .010925  |
| %RSD   | 80.02146 | 95.09007 | 212.0603 |
| #1     | .0001846 | .0000051 | .007460  |
| #2     | .0033279 | .0004876 | -.011212 |
| #3     | .0035817 | .0002697 | -.011702 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2193.596 | 19978.56 | 879.1354 | 1637.653 | 2573.629 |
| Stddev    | 13.811   | 117.88   | 2.6339   | 12.760   | 12.033   |
| %RSD      | .6295914 | .5900196 | .2996050 | .7791661 | .4675393 |
| #1        | 2206.581 | 20005.63 | 881.6546 | 1645.714 | 2581.690 |
| #2        | 2195.120 | 19849.50 | 876.4000 | 1622.942 | 2579.400 |
| #3        | 2179.086 | 20080.54 | 879.3515 | 1644.305 | 2559.798 |

Sample Name: PB165920BL      Acquired: 01/09/2025 17:05:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001522 | -.000061 | -.001453 | -.007319 | -.000200 | -.037556 | -.008279 |
| Stddev | .000970  | .001082  | .002731  | .004612  | .002568  | .048317  | .001255  |
| %RSD   | 63.75799 | 1761.798 | 187.9576 | 63.01807 | 1285.667 | 128.6525 | 15.16354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002639 | -.001233 | -.002737 | -.002217 | -.001320 | -.012742 | -.009183 |
| #2 | -.000897 | .000899  | -.003304 | -.011193 | .002738  | -.093238 | -.008809 |
| #3 | -.001029 | .000150  | .001683  | -.008547 | -.002017 | -.006688 | -.006846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000326 | -.000005 | .0414232 | -.001627 | .0002109 | -.001517 | -.029643 |
| Stddev | .000038  | .000064  | .0617222 | .001406  | .0004266 | .001363  | .054418  |
| %RSD   | 11.55728 | 1380.645 | 149.0039 | 86.41142 | 202.2611 | 89.81019 | 183.5815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000367 | .000046  | .0813780 | -.000507 | .0004767 | -.001282 | -.035831 |
| #2 | -.000319 | .000017  | -.029665 | -.003204 | -.000281 | -.000288 | .027606  |
| #3 | -.000293 | -.000077 | .072557  | -.001169 | .000437  | -.002983 | -.080702 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023162 | -.187986 | -.000183 | -.001265 | .0125779 | .0014521 | -.000307 |
| Stddev | .0092178 | .248527  | .000188  | .000878  | .0128653 | .0007127 | .000946  |
| %RSD   | 397.9710 | 132.2053 | 103.0145 | 69.44989 | 102.2854 | 49.08347 | 308.0034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007677 | -.045248 | -.000366 | -.002119 | .0095118 | .0016545 | .000339  |
| #2 | .004140  | -.043750 | .000010  | -.001310 | .0266992 | .0020417 | -.001393 |
| #3 | .010486  | -.474959 | -.000192 | -.000365 | .0015226 | .0006600 | .000133  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.227611 | -.000285 | .0030045 | .0010147 | -.001246 | -.003212 | -.001878 |
| Stddev | .305982  | .001335  | .0015780 | .0005116 | .006035  | .003542  | .001921  |
| %RSD   | 134.4321 | 467.8985 | 52.51940 | 50.41924 | 484.3282 | 110.2583 | 102.3018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.279028 | -.000749 | .0047299 | .0009392 | .002250  | .000686  | -.001676 |
| #2 | .100822  | -.001326 | .0026489 | .0005451 | -.008214 | -.004091 | -.003893 |
| #3 | -.504626 | .001219  | .0016347 | .0015599 | .002226  | -.006231 | -.000066 |

Sample Name: PB165920BL      Acquired: 01/09/2025 17:05:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0148009 | -.000231 | -.014092 |
| Stddev | .0072972 | .000390  | .002533  |
| %RSD   | 49.30260 | 168.7990 | 17.97436 |
| #1     | .0074115 | .000192  | -.012538 |
| #2     | .0149887 | -.000577 | -.017015 |
| #3     | .0220023 | -.000308 | -.012723 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2174.860 | 19774.51 | 891.4364 | 1639.754 | 2560.570 |
| Stddev    | 3.974    | 85.00    | 1.6247   | 7.748    | 7.910    |
| %RSD      | .1827398 | .4298247 | .1822574 | .4724976 | .3089051 |
| #1        | 2171.838 | 19843.61 | 891.9333 | 1641.034 | 2551.763 |
| #2        | 2179.362 | 19679.60 | 892.7545 | 1631.446 | 2567.070 |
| #3        | 2173.379 | 19800.32 | 889.6212 | 1646.783 | 2562.876 |

Sample Name: PB165920BS      Acquired: 01/09/2025 17:17:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0232061 | .0485544 | .0157605 | .0548394 | .1099297 | .3634271 |
| Stddev | .0068468 | .0019989 | .0015118 | .0044506 | .0039988 | .0249457 |
| %RSD   | 29.50415 | 4.116772 | 9.592172 | 8.115709 | 3.637625 | 6.864030 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0289203 | .0462563 | .0172227 | .0598942 | .1055372 | .3360798 |
| #2 | .0156173 | .0495173 | .0158552 | .0515088 | .1133589 | .3849356 |
| #3 | .0250807 | .0498895 | .0142036 | .0531154 | .1108930 | .3692659 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4069631 | .0102164 | .0089096 | 10.54239 | .0200036 | .0962355 |
| Stddev | .0021729 | .0002893 | .0000616 | .07477   | .0013317 | .0003211 |
| %RSD   | .5339438 | 2.831949 | .6912646 | .7091851 | 6.657490 | .3336715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4055480 | .0105158 | .0088541 | 10.62566 | .0215328 | .0958808 |
| #2 | .4094650 | .0101952 | .0088990 | 10.52051 | .0193789 | .0963194 |
| #3 | .4058763 | .0099383 | .0089759 | 10.48101 | .0190990 | .0965063 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0577238 | .2397426 | .0333567 | 10.65237 | .0732035 | .0180644 |
| Stddev | .0018265 | .0551615 | .0014092 | .10279   | .0009973 | .0011443 |
| %RSD   | 3.164282 | 23.00862 | 4.224681 | .9649608 | 1.362330 | 6.334276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0592462 | .3034105 | .0331900 | 10.71770 | .0737595 | .0174501 |
| #2 | .0582267 | .2095165 | .0320384 | 10.70553 | .0737988 | .0173585 |
| #3 | .0556985 | .2063009 | .0348419 | 10.53389 | .0720522 | .0193846 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 12.22323 | .1082698 | .1153596 | 9.471389 | .0154037 | F .0004020 |
| Stddev | .12050   | .0019250 | .0004758 | .181029  | .0014627 | .0020718   |
| %RSD   | .9858008 | 1.777989 | .4124309 | 1.911320 | 9.496021 | 515.4012   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.30055 | .1098195 | .1149937 | 9.531140 | .0164243 | -.001543 |
| #2 | 12.28474 | .1088750 | .1158975 | 9.268038 | .0137279 | .000167  |
| #3 | 12.08439 | .1061149 | .1151877 | 9.614988 | .0160589 | .002581  |

Sample Name: PB165920BS      Acquired: 01/09/2025 17:17:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS920      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0203920 | .1633843 | F 1.081690 | .0115222 | .1998532 | .2115214 |
| Stddev | .0007444 | .0060784 | .017899    | .0022857 | .0029092 | .0008896 |
| %RSD   | 3.650402 | 3.720284 | 1.654715   | 19.83763 | 1.455666 | .4205622 |
| #1     | .0199654 | .1569499 | 1.087839   | .0100733 | .1968239 | .2112372 |
| #2     | .0199590 | .1690295 | 1.095704   | .0103362 | .2026252 | .2125184 |
| #3     | .0212515 | .1641735 | 1.061527   | .0141572 | .2001105 | .2108087 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0169982 |
| Stddev | .0093444   |
| %RSD   | 54.97293   |
| #1     | .0072827   |
| #2     | .0177907   |
| #3     | .0259210   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2157.894 | 19634.19 | 883.3778 | 1612.302 | 2417.055 |
| Stddev    | 7.708    | 80.51    | 7.7439   | 7.081    | 6.404    |
| %RSD      | .3571991 | .4100427 | .8766208 | .4391566 | .2649605 |
| #1        | 2163.527 | 19643.11 | 877.7333 | 1617.500 | 2421.271 |
| #2        | 2161.045 | 19709.86 | 880.1939 | 1615.168 | 2420.209 |
| #3        | 2149.110 | 19549.59 | 892.2061 | 1604.237 | 2409.686 |

Sample Name: P5207-13      Acquired: 01/09/2025 17:25:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1405368 | -.040496 | .1798083 | .0943624 | .0740198 | 96.82663 | .6030966 |
| Stddev | .0019130 | .005489  | .0036601 | .0096456 | .0035416 | .10028   | .0061855 |
| %RSD   | 1.361237 | 13.55570 | 2.035561 | 10.22186 | 4.784596 | .1035650 | 1.025624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1424791 | -.041617 | .1829367 | .0845435 | .0709723 | 96.90058 | .5994729 |
| #2 | .1386544 | -.034532 | .1807051 | .1038248 | .0779052 | 96.86683 | .6102388 |
| #3 | .1404769 | -.045338 | .1757832 | .0947188 | .0731821 | 96.71249 | .5995783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053050 | .0023735 | 752.0198 | .4182517 | .1265238 | .9104722 | 258.3248 |
| Stddev | .0001921 | .0003398 | 3.9120   | .0011543 | .0021714 | .0004341 | .6577    |
| %RSD   | 3.620920 | 14.31478 | .5201933 | .2759818 | 1.716212 | .0476799 | .2546065 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052768 | .0026087 | 747.5045 | .4195671 | .1290026 | .9102801 | 257.5819 |
| #2 | .0051286 | .0019840 | 754.3894 | .4177805 | .1256115 | .9109692 | 258.5595 |
| #3 | .0055096 | .0025280 | 754.1655 | .4174075 | .1249574 | .9101672 | 258.8329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.396641 | 256.5107 | .2266410 | .0070523 | 1.273974 | .4567224 | .7133744 |
| Stddev | .029950  | .4471    | .0011086 | .0011046 | .017281  | .0025805 | .0003010 |
| %RSD   | .4682173 | .1742981 | .4891373 | 15.66263 | 1.356434 | .5650019 | .0421944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.362983 | 256.2798 | .2272617 | .0083274 | 1.256711 | .4549919 | .7132334 |
| #2 | 6.420354 | 257.0261 | .2273002 | .0063869 | 1.273938 | .4596884 | .7131698 |
| #3 | 6.406585 | 256.2263 | .2253611 | .0064428 | 1.291272 | .4554869 | .7137201 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 51.58864 | 7.153682 | -.739494 | .0071161 | 1.697728 | 9.620147 | .0876103 |
| Stddev | .49649   | .036338  | .006154  | .0007724 | .008489  | .034480  | .0022409 |
| %RSD   | .9624077 | .5079690 | .8321959 | 10.85400 | .4999929 | .3584141 | 2.557833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 51.01660 | 7.192421 | -.746592 | .0079977 | 1.707234 | 9.642179 | .0851390 |
| #2 | 51.90758 | 7.148275 | -.735659 | .0065587 | 1.690904 | 9.637850 | .0881819 |
| #3 | 51.84174 | 7.120350 | -.736230 | .0067919 | 1.695047 | 9.580411 | .0895101 |



Sample Name: P5207-13      Acquired: 01/09/2025 17:25:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 24.90940 | .2473194 | .1059794 |
| Stddev | .04611   | .0006895 | .0048104 |
| %RSD   | .1851008 | .2788028 | 4.538987 |
| #1     | 24.85773 | .2467882 | .1038311 |
| #2     | 24.94637 | .2480987 | .1114896 |
| #3     | 24.92408 | .2470713 | .1026175 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2257.382 | 20395.83 | 977.5412 | 1697.595 | 1877.109 |
| Stddev    | 3.702    | 61.05    | 4.4119   | 7.960    | 7.656    |
| %RSD      | .1640088 | .2993498 | .4513298 | .4688925 | .4078474 |
| #1        | 2253.140 | 20436.50 | 976.9930 | 1700.256 | 1868.528 |
| #2        | 2259.038 | 20325.62 | 973.4289 | 1688.646 | 1879.558 |
| #3        | 2259.967 | 20425.36 | 982.2016 | 1703.883 | 1883.240 |

Sample Name: PB165921BS      Acquired: 01/09/2025 17:29:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS921      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0206465 | .0505926 | .0146884 | .0562970 | .1044248 | .3608336 |
| Stddev | .0056645 | .0022349 | .0007359 | .0039098 | .0037413 | .0246911 |
| %RSD   | 27.43574 | 4.417534 | 5.010392 | 6.944986 | 3.582784 | 6.842789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0152497 | .0529262 | .0154402 | .0553437 | .1040692 | .3491239 |
| #2 | .0265453 | .0503803 | .0146557 | .0605953 | .1008740 | .3441759 |
| #3 | .0201444 | .0484715 | .0139694 | .0529519 | .1083313 | .3892009 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3972624 | .0100177 | .0084749 | 10.40639 | .0198104 | .0937702 |
| Stddev | .0037612 | .0001247 | .0000434 | .11330   | .0005493 | .0007224 |
| %RSD   | .9467755 | 1.244481 | .5118324 | 1.088726 | 2.772519 | .7703461 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4013846 | .0101075 | .0084477 | 10.53630 | .0204044 | .0929406 |
| #2 | .3940171 | .0098753 | .0084520 | 10.32808 | .0193209 | .0942599 |
| #3 | .3963854 | .0100702 | .0085249 | 10.35480 | .0197058 | .0941101 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0566352 | .1925721 | .0297282 | 10.46160 | .0702786 | .0185417 |
| Stddev | .0014853 | .0680476 | .0014576 | .31701   | .0008350 | .0007850 |
| %RSD   | 2.622645 | 35.33615 | 4.903215 | 3.030244 | 1.188106 | 4.233724 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0556644 | .2626770 | .0285753 | 10.32288 | .0694066 | .0191778 |
| #2 | .0583451 | .1267878 | .0292425 | 10.23760 | .0703586 | .0187830 |
| #3 | .0558962 | .1882515 | .0313666 | 10.82433 | .0710708 | .0176644 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 12.16062 | .1059323 | .1116625 | 9.473978 | .0168639 | F -.004053 |
| Stddev | .18664   | .0025370 | .0021037 | .155042  | .0016616 | .008662    |
| %RSD   | 1.534752 | 2.394907 | 1.884020 | 1.636503 | 9.853027 | 213.7051   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.37607 | .1088392 | .1132338 | 9.544165 | .0149676 | .002271  |
| #2 | 12.04860 | .1041644 | .1124811 | 9.581514 | .0180650 | -.000505 |
| #3 | 12.05720 | .1047933 | .1092724 | 9.296254 | .0175591 | -.013927 |

Sample Name: PB165921BS      Acquired: 01/09/2025 17:29:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS921      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0198371 | .1604543 | F 1.062199 | .0099435 | .2052998 | .2069717 |
| Stddev | .0008847 | .0068870 | .017760    | .0011737 | .0040091 | .0028355 |
| %RSD   | 4.459798 | 4.292179 | 1.671959   | 11.80341 | 1.952805 | 1.370004 |
| #1     | .0191053 | .1667013 | 1.082378   | .0105892 | .2032509 | .2101843 |
| #2     | .0195858 | .1530691 | 1.048947   | .0106526 | .2099194 | .2059126 |
| #3     | .0208203 | .1615927 | 1.055272   | .0085888 | .2027293 | .2048181 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0252589 |
| Stddev | .0033128 |
| %RSD   | 13.11552 |
| #1     | .0274611 |
| #2     | .0268666 |
| #3     | .0214490 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2145.652 | 19526.72 | 873.1131 | 1612.164 | 2420.647 |
| Stddev    | 9.446    | 154.60   | 8.3421   | 9.089    | 9.047    |
| %RSD      | .4402475 | .7917388 | .9554489 | .5637740 | .3737494 |
| #1        | 2134.760 | 19684.59 | 863.6576 | 1610.558 | 2410.261 |
| #2        | 2151.597 | 19375.61 | 876.2485 | 1603.985 | 2424.868 |
| #3        | 2150.599 | 19519.96 | 879.4333 | 1621.949 | 2426.812 |

Sample Name: P5207-14      Acquired: 01/09/2025 17:33:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1421386 | -.039334 | .1829495 | .0901336 | .0737400 | 98.61835 | .6200739 |
| Stddev | .0060424 | .003692  | .0038555 | .0106302 | .0023328 | .66854   | .0058647 |
| %RSD   | 4.251082 | 9.385706 | 2.107401 | 11.79379 | 3.163581 | .6779036 | .9458017 |
| #1     | .1399432 | -.042544 | .1793628 | .0803972 | .0715153 | 98.42184 | .6170726 |
| #2     | .1375007 | -.035300 | .1870268 | .0885287 | .0761677 | 99.36312 | .6268318 |
| #3     | .1489718 | -.040160 | .1824589 | .1014750 | .0735372 | 98.07009 | .6163173 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054713 | .0024688 | 769.6416 | .4236967 | .1323826 | .9242676 | 260.9179 |
| Stddev | .0001321 | .0000826 | 5.5180   | .0011367 | .0026329 | .0051519 | 1.4695   |
| %RSD   | 2.414736 | 3.347368 | .7169521 | .2682855 | 1.988824 | .5574053 | .5631936 |
| #1     | .0054380 | .0025060 | 766.7872 | .4235785 | .1296836 | .9276999 | 260.2868 |
| #2     | .0053591 | .0023741 | 776.0021 | .4248879 | .1325205 | .9267593 | 262.5975 |
| #3     | .0056170 | .0025263 | 766.1355 | .4226237 | .1349439 | .9183435 | 259.8694 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.507775 | 261.0476 | .2324976 | .0058273 | 1.257863 | .4604029 | .7229731 |
| Stddev | .030352  | 1.6932   | .0022534 | .0015575 | .018799  | .0022792 | .0013092 |
| %RSD   | .4663929 | .6486137 | .9692245 | 26.72816 | 1.494550 | .4950368 | .1810878 |
| #1     | 6.489473 | 260.1053 | .2307210 | .0040604 | 1.236784 | .4626311 | .7244434 |
| #2     | 6.542810 | 263.0023 | .2317395 | .0064205 | 1.263909 | .4605017 | .7225427 |
| #3     | 6.491041 | 260.0351 | .2350323 | .0070012 | 1.272895 | .4580760 | .7219333 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 52.61663 | 7.346747 | -.736000 | .0063929 | 1.732708 | 10.32593 | .0871264 |
| Stddev | .41539   | .060469  | .009877  | .0006192 | .015411  | .04198   | .0015561 |
| %RSD   | .7894735 | .8230730 | 1.341967 | 9.685734 | .8893954 | .4065416 | 1.786041 |
| #1     | 52.38916 | 7.281146 | -.745464 | .0071037 | 1.723610 | 10.36313 | .0880301 |
| #2     | 53.09608 | 7.358838 | -.725757 | .0059708 | 1.724011 | 10.33424 | .0853295 |
| #3     | 52.36466 | 7.400257 | -.736778 | .0061041 | 1.750501 | 10.28042 | .0880194 |

Sample Name: P5207-14      Acquired: 01/09/2025 17:33:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 25.28914 | .2532890 | .1113226 |
| Stddev | .12666   | .0015109 | .0053978 |
| %RSD   | .5008354 | .5965257 | 4.848769 |
| #1     | 25.20134 | .2532786 | .1157202 |
| #2     | 25.43434 | .2548051 | .1052987 |
| #3     | 25.23176 | .2517833 | .1129490 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2243.995 | 20312.22 | 977.5042 | 1693.296 | 1860.734 |
| Stddev    | 13.978   | 63.04    | 5.0912   | 4.562    | 15.808   |
| %RSD      | .6229053 | .3103314 | .5208340 | .2694329 | .8495762 |
| #1        | 2255.380 | 20384.94 | 979.2577 | 1698.415 | 1874.140 |
| #2        | 2248.211 | 20273.30 | 971.7680 | 1689.659 | 1864.760 |
| #3        | 2228.395 | 20278.40 | 981.4869 | 1691.813 | 1843.302 |

Sample Name: P5207-13LX5      Acquired: 01/09/2025 17:37:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0237578 | .0062923 | .0411525 | -.010931 | .0136929 | 22.95482 | .1397038 |
| Stddev | .0019186 | .0025008 | .0020213 | .001194  | .0028630 | .11160   | .0051691 |
| %RSD   | 8.075753 | 39.74391 | 4.911607 | 10.92407 | 20.90867 | .4861656 | 3.700059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0259437 | .0082476 | .0419235 | -.011800 | .0169975 | 22.99803 | .1445298 |
| #2 | .0223526 | .0034744 | .0388592 | -.011424 | .0121219 | 23.03835 | .1342490 |
| #3 | .0229770 | .0071550 | .0426747 | -.009570 | .0119594 | 22.82807 | .1403325 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013252 | .0003398 | 180.3248 | .0982012 | .0459176 | .2297641 | 61.48963 |
| Stddev | .0002414 | .0000917 | .7564    | .0010890 | .0013311 | .0017404 | .04097   |
| %RSD   | 18.21313 | 26.98357 | .4194862 | 1.108971 | 2.898836 | .7574789 | .0666318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014998 | .0003032 | 180.9041 | .0971893 | .0468303 | .2317621 | 61.52592 |
| #2 | .0010498 | .0002721 | 180.6012 | .0980606 | .0443903 | .2285775 | 61.44520 |
| #3 | .0014261 | .0004441 | 179.4690 | .0993537 | .0465323 | .2289528 | 61.49777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.551432 | 62.98605 | .0434478 | .0021544 | .3411417 | .1091802 | .1653096 |
| Stddev | .018005  | .73192   | .0012319 | .0002569 | .0125214 | .0015993 | .0027962 |
| %RSD   | 1.160548 | 1.162029 | 2.835292 | 11.92383 | 3.670428 | 1.464804 | 1.691473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.559494 | 63.28137 | .0448467 | .0024289 | .3409720 | .1104902 | .1640446 |
| #2 | 1.563997 | 63.52417 | .0425251 | .0019199 | .3287060 | .1073980 | .1685147 |
| #3 | 1.530804 | 62.15261 | .0429717 | .0021144 | .3537470 | .1096525 | .1633695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.15796 | 1.355524 | -.192177 | .0064537 | .3327019 | 2.337203 | .0222775 |
| Stddev | .29410   | .010167  | .002259  | .0006004 | .0058212 | .011632  | .0008066 |
| %RSD   | 2.635743 | .7500178 | 1.175511 | 9.303238 | 1.749679 | .4976966 | 3.620788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.47555 | 1.365603 | -.191827 | .0070666 | .3388358 | 2.347285 | .0228076 |
| #2 | 11.10329 | 1.355696 | -.190113 | .0058667 | .3320158 | 2.324476 | .0213492 |
| #3 | 10.89503 | 1.345272 | -.194591 | .0064276 | .3272542 | 2.339847 | .0226757 |

Sample Name: P5207-13LX5      Acquired: 01/09/2025 17:37:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.799054 | .0580862 | .0205785 |
| Stddev | .017926  | .0009873 | .0015413 |
| %RSD   | .3091159 | 1.699708 | 7.490111 |
| #1     | 5.804837 | .0585945 | .0202483 |
| #2     | 5.813375 | .0587158 | .0192290 |
| #3     | 5.778951 | .0569484 | .0222582 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2131.054 | 19441.04 | 883.5206 | 1589.125 | 2148.526 |
| Stddev    | 15.296   | 23.97    | 5.6688   | 11.097   | 16.537   |
| %RSD      | .7177437 | .1233103 | .6416200 | .6982796 | .7697114 |
| #1        | 2115.659 | 19417.22 | 877.0442 | 1592.408 | 2130.307 |
| #2        | 2146.248 | 19440.73 | 885.9353 | 1576.757 | 2162.590 |
| #3        | 2131.253 | 19465.16 | 887.5822 | 1598.210 | 2152.679 |

Sample Name: P5207-15      Acquired: 01/09/2025 17:41:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2349120 | .0487766 | .2249754 | .2521197 | .2379424 | 103.2652 | 4.031375 |
| Stddev | .0068834 | .0010176 | .0023222 | .0060939 | .0039358 | .2366    | .007425  |
| %RSD   | 2.930193 | 2.086353 | 1.032220 | 2.417071 | 1.654102 | .2291007 | .1841765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2389868 | .0478336 | .2268942 | .2530902 | .2349027 | 103.3949 | 4.039123 |
| #2 | .2269646 | .0498553 | .2256382 | .2576702 | .2365364 | 102.9921 | 4.030680 |
| #3 | .2387846 | .0486408 | .2223938 | .2455988 | .2423881 | 103.4085 | 4.024323 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0916918 | .0986765 | 765.5121 | .7694984 | 1.114025 | 1.348883 | 266.2765 |
| Stddev | .0005919 | .0000507 | 1.7381   | .0013972 | .001760  | .010199  | .7973    |
| %RSD   | .6455465 | .0513710 | .2270446 | .1815762 | .1579403 | .7560731 | .2994431 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0922133 | .0986564 | 766.9440 | .7681882 | 1.114823 | 1.360657 | 266.1515 |
| #2 | .0910485 | .0986389 | 763.5784 | .7693382 | 1.112008 | 1.343173 | 265.5490 |
| #3 | .0918137 | .0987341 | 766.0140 | .7709689 | 1.115245 | 1.342818 | 267.1289 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.423697 | 263.7494 | 1.214054 | .0710227 | 1.248012 | 1.358181 | 1.523638 |
| Stddev | .021779  | .6386    | .000437  | .0013198 | .012925  | .008171  | .008011  |
| %RSD   | .2933743 | .2421129 | .0360166 | 1.858231 | 1.035612 | .6016455 | .5257608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.419072 | 263.1626 | 1.213641 | .0696883 | 1.262437 | 1.365880 | 1.521844 |
| #2 | 7.404602 | 263.6562 | 1.214009 | .0723273 | 1.237486 | 1.349608 | 1.516676 |
| #3 | 7.447417 | 264.4295 | 1.214512 | .0710524 | 1.244113 | 1.359055 | 1.532393 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 52.57973 | 7.360100 | -.759282 | .0069700 | 1.767296 | 10.78377 | .0903314 |
| Stddev | .33376   | .010762  | .008725  | .0001126 | .011395  | .07869   | .0005827 |
| %RSD   | .6347601 | .1462161 | 1.149172 | 1.614761 | .6447980 | .7296764 | .6450523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 52.43786 | 7.348618 | -.763992 | .0070399 | 1.761404 | 10.87386 | .0906236 |
| #2 | 52.96098 | 7.361725 | -.749214 | .0068402 | 1.760053 | 10.74895 | .0896604 |
| #3 | 52.34034 | 7.369957 | -.764642 | .0070300 | 1.780431 | 10.72851 | .0907101 |



Sample Name: P5207-15      Acquired: 01/09/2025 17:41:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN39S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 25.63230 | .2541240 | .1092324 |
| Stddev | .04769   | .0006144 | .0020551 |
| %RSD   | .1860435 | .2417760 | 1.881434 |
| #1     | 25.62682 | .2538347 | .1115783 |
| #2     | 25.58759 | .2537077 | .1083690 |
| #3     | 25.68249 | .2548297 | .1077498 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2262.020 | 20684.82 | 975.3992 | 1701.104 | 1874.626 |
| Stddev    | 1.300    | 36.58    | 8.9533   | 12.156   | 1.733    |
| %RSD      | .0574723 | .1768469 | .9179111 | .7145781 | .0924244 |
| #1        | 2263.456 | 20691.76 | 965.4345 | 1699.557 | 1873.665 |
| #2        | 2260.923 | 20717.43 | 982.7668 | 1713.960 | 1876.626 |
| #3        | 2261.680 | 20645.27 | 977.9963 | 1689.797 | 1873.588 |

Sample Name: P5198-05      Acquired: 01/09/2025 17:44:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1642387 | -.026182 | 1.400433 | .1155399 | .0450051 | 97.15752 | 1.904022 |
| Stddev | .0064575 | .000295  | .003645  | .0078383 | .0023648 | .33465   | .007877  |
| %RSD   | 3.931767 | 1.125914 | .2602577 | 6.784072 | 5.254520 | .3444440 | .4137136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1677343 | -.025884 | 1.404179 | .1231485 | .0425753 | 97.45842 | 1.895119 |
| #2 | .1681949 | -.026188 | 1.396898 | .1159808 | .0451410 | 97.21704 | 1.906863 |
| #3 | .1567870 | -.026474 | 1.400224 | .1074905 | .0472990 | 96.79710 | 1.910085 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090078 | .0102150 | 73.11051 | .1348605 | .0570252 | .2270216 | 214.7577 |
| Stddev | .0005263 | .0001716 | .06378   | .0005621 | .0008140 | .0031793 | .5032    |
| %RSD   | 5.842687 | 1.679637 | .0872373 | .4168096 | 1.427535 | 1.400447 | .2343039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087302 | .0103308 | 73.07809 | .1354358 | .0563114 | .2258752 | 215.2705 |
| #2 | .0096148 | .0100179 | 73.06946 | .1348331 | .0568524 | .2306152 | 214.7378 |
| #3 | .0086784 | .0102964 | 73.18399 | .1343126 | .0579118 | .2245746 | 214.2647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.73151 | 28.84547 | .1826160 | .0076266 | .6623428 | .2041708 | 1.467487 |
| Stddev | .01259   | .50940   | .0004634 | .0007914 | .0225171 | .0018151 | .007980  |
| %RSD   | .0752457 | 1.765964 | .2537797 | 10.37718 | 3.399614 | .8889985 | .5438066 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.72903 | 29.17423 | .1822209 | .0069716 | .6509691 | .2025154 | 1.462615 |
| #2 | 16.72035 | 29.10350 | .1831261 | .0085060 | .6882781 | .2061117 | 1.476697 |
| #3 | 16.74516 | 28.25869 | .1825011 | .0074023 | .6477812 | .2038852 | 1.463150 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.040927 | 5.945387 | -.683737 | .0100615 | 1.849213 | 13.94962 | .0750139 |
| Stddev | .301737  | .009625  | .010163  | .0001162 | .006339  | .14281   | .0019697 |
| %RSD   | 4.994885 | .1618870 | 1.486390 | 1.154527 | .3427704 | 1.023727 | 2.625733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.709150 | 5.941123 | -.683333 | .0101043 | 1.841922 | 13.85782 | .0735380 |
| #2 | 6.114684 | 5.956407 | -.694096 | .0099300 | 1.853407 | 14.11415 | .0772505 |
| #3 | 6.298948 | 5.938630 | -.673782 | .0101501 | 1.852311 | 13.87688 | .0742533 |

Sample Name: P5198-05      Acquired: 01/09/2025 17:44:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5704119 | -.034298 | .0866733 |
| Stddev | .0118020 | .000489  | .0068398 |
| %RSD   | 2.069024 | 1.424917 | 7.891498 |
| #1     | .5644916 | -.033740 | .0792718 |
| #2     | .5840021 | -.034646 | .0879872 |
| #3     | .5627419 | -.034509 | .0927608 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2966.596 | 26776.18 | 1216.082 | 2219.721 | 2305.568 |
| Stddev    | 6.132    | 91.66    | 7.838    | 3.536    | 3.046    |
| %RSD      | .2067037 | .3423062 | .6445424 | .1592795 | .1321181 |
| #1        | 2972.344 | 26670.36 | 1216.973 | 2216.586 | 2308.698 |
| #2        | 2960.141 | 26827.43 | 1207.836 | 2219.025 | 2302.614 |
| #3        | 2967.303 | 26830.75 | 1223.436 | 2223.553 | 2305.391 |

Sample Name: P5198-06      Acquired: 01/09/2025 17:48:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1651318 | -.022885 | 1.395006 | .1180786 | .0434176 | 96.25190 | 1.908956 |
| Stddev | .0053833 | .003737  | .001351  | .0031832 | .0057830 | .30887   | .002067  |
| %RSD   | 3.260003 | 16.33016 | .0968755 | 2.695861 | 13.31937 | .3209002 | .1082658 |
| #1     | .1677186 | -.024901 | 1.395430 | .1210719 | .0456978 | 96.22013 | 1.906744 |
| #2     | .1687334 | -.025181 | 1.396096 | .1184294 | .0368421 | 96.57543 | 1.910838 |
| #3     | .1589434 | -.018573 | 1.393494 | .1147345 | .0477129 | 95.96015 | 1.909286 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089539 | .0101837 | 72.83534 | .1340253 | .0558886 | .2258180 | 213.3060 |
| Stddev | .0003873 | .0000861 | .12719   | .0008596 | .0008811 | .0022368 | 1.2188   |
| %RSD   | 4.325147 | .8459786 | .1746263 | .6413860 | 1.576516 | .9905228 | .5714012 |
| #1     | .0093795 | .0102694 | 72.86387 | .1335024 | .0553257 | .2283647 | 213.9890 |
| #2     | .0086222 | .0100971 | 72.94584 | .1350175 | .0554361 | .2249176 | 214.0302 |
| #3     | .0088601 | .0101845 | 72.69631 | .1335562 | .0569040 | .2241717 | 211.8988 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.59819 | 28.53026 | .1814875 | .0097925 | .6562807 | .2053459 | 1.454911 |
| Stddev | .03542   | .17235   | .0010706 | .0004522 | .0039333 | .0012029 | .003763  |
| %RSD   | .2133765 | .6041004 | .5898737 | 4.617301 | .5993324 | .5858105 | .2586627 |
| #1     | 16.58997 | 28.33155 | .1806287 | .0099597 | .6607238 | .2066805 | 1.455449 |
| #2     | 16.63699 | 28.63918 | .1826869 | .0101371 | .6532435 | .2050122 | 1.450907 |
| #3     | 16.56761 | 28.62005 | .1811468 | .0092805 | .6548749 | .2043451 | 1.458376 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.952891 | 5.908843 | -.691915 | .0095622 | 1.836911 | 14.01162 | .0737072 |
| Stddev | .061281  | .005955  | .012009  | .0017186 | .008233  | .09511   | .0013572 |
| %RSD   | 1.029437 | .1007891 | 1.735572 | 17.97301 | .4481962 | .6787714 | 1.841412 |
| #1     | 5.959780 | 5.914022 | -.705643 | .0102099 | 1.844072 | 14.11607 | .0743215 |
| #2     | 5.888456 | 5.910171 | -.683360 | .0076139 | 1.827915 | 13.98878 | .0746487 |
| #3     | 6.010436 | 5.902335 | -.686741 | .0108629 | 1.838745 | 13.93002 | .0721514 |

Sample Name: P5198-06      Acquired: 01/09/2025 17:48:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5718507 | -.034450 | .0864203 |
| Stddev | .0064953 | .000672  | .0091696 |
| %RSD   | 1.135834 | 1.950135 | 10.61042 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5675794 | -.034908 | .0771910 |
| #2 | .5793254 | -.034763 | .0865410 |
| #3 | .5686473 | -.033678 | .0955289 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2963.517 | 26830.92 | 1217.633 | 2239.689 | 2305.385 |
| Stddev    | .346     | 69.10    | 5.674    | 10.109   | .877     |
| %RSD      | .0116679 | .2575565 | .4660044 | .4513712 | .0380603 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2963.887 | 26906.56 | 1213.090 | 2251.356 | 2306.273 |
| #2 | 2963.460 | 26771.08 | 1215.817 | 2234.170 | 2304.519 |
| #3 | 2963.203 | 26815.14 | 1223.993 | 2233.540 | 2305.363 |

Sample Name: P5198-05LX5      Acquired: 01/09/2025 17:52:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0347352 | -.005499 | .2801995 | .0237493 | .0078294 | 25.29570 | .4923912 |
| Stddev | .0085122 | .002145  | .0033463 | .0028385 | .0015022 | .36590   | .0036280 |
| %RSD   | 24.50598 | 38.99553 | 1.194267 | 11.95182 | 19.18662 | 1.446507 | .7368132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0281905 | -.007925 | .2839023 | .0254233 | .0089124 | 24.87427 | .4883333 |
| #2 | .0443584 | -.003856 | .2773916 | .0253526 | .0061145 | 25.48022 | .4953215 |
| #3 | .0316567 | -.004716 | .2793045 | .0204720 | .0084613 | 25.53260 | .4935187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023172 | .0018608 | 19.10487 | .0339558 | .0108501 | .0618833 | 55.44451 |
| Stddev | .0002458 | .0001409 | .12468   | .0019607 | .0003260 | .0020358 | .67029   |
| %RSD   | 10.60715 | 7.574030 | .6526122 | 5.774345 | 3.004796 | 3.289694 | 1.208934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025890 | .0020091 | 18.96091 | .0337160 | .0110870 | .0602281 | 54.67796 |
| #2 | .0021107 | .0017287 | 19.17611 | .0360254 | .0104783 | .0641564 | 55.73509 |
| #3 | .0022518 | .0018445 | 19.17761 | .0321260 | .0109849 | .0612654 | 55.92048 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.381239 | 7.831958 | .0350386 | .0016044 | .1443822 | .0538724 | .3756883 |
| Stddev | .052027  | .061470  | .0018878 | .0006175 | .0168977 | .0008044 | .0004287 |
| %RSD   | 1.187501 | .7848672 | 5.387650 | 38.48740 | 11.70343 | 1.493226 | .1141057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.321863 | 7.885813 | .0370972 | .0015127 | .1623747 | .0530120 | .3760881 |
| #2 | 4.403007 | 7.845073 | .0333886 | .0010378 | .1288488 | .0546058 | .3757413 |
| #3 | 4.418847 | 7.764988 | .0346299 | .0022625 | .1419231 | .0539994 | .3752357 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.111280 | 1.131833 | -.191971 | .0019968 | .3506116 | 3.705681 | .0285534 |
| Stddev | .252500  | .007617  | .004068  | .0002574 | .0090634 | .026855  | .0021077 |
| %RSD   | 22.72155 | .6729630 | 2.119042 | 12.88976 | 2.585027 | .7246904 | 7.381556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.191285 | 1.129887 | -.194617 | .0019109 | .3450808 | 3.674719 | .0305877 |
| #2 | 1.314085 | 1.140234 | -.194008 | .0022862 | .3610713 | 3.722639 | .0286933 |
| #3 | .828469  | 1.125379 | -.187287 | .0017934 | .3456826 | 3.719685 | .0263793 |

Sample Name: P5198-05LX5      Acquired: 01/09/2025 17:52:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1492344 | -.007895 | .0063619 |
| Stddev | .0112517 | .000505  | .0040084 |
| %RSD   | 7.539612 | 6.401897 | 63.00612 |
| #1     | .1421603 | -.007336 | .0096139 |
| #2     | .1622090 | -.008318 | .0075883 |
| #3     | .1433338 | -.008032 | .0018836 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2353.293 | 21279.84 | 953.6960 | 1767.545 | 2443.785 |
| Stddev    | 3.973    | 70.89    | 6.8140   | 2.447    | 3.219    |
| %RSD      | .1688093 | .3331452 | .7144798 | .1384614 | .1317224 |
| #1        | 2355.361 | 21332.46 | 961.5455 | 1769.893 | 2447.477 |
| #2        | 2355.804 | 21199.23 | 950.2394 | 1767.732 | 2441.568 |
| #3        | 2348.713 | 21307.84 | 949.3030 | 1765.009 | 2442.309 |

Sample Name: P5198-07      Acquired: 01/09/2025 17:56:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2477609 | .0633621 | 1.414343 | .2454329 | .1831502 | 98.24755 | 4.914152 |
| Stddev | .0046193 | .0007356 | .000553  | .0077486 | .0015583 | .00660   | .027633  |
| %RSD   | 1.864397 | 1.160890 | .0390869 | 3.157105 | .8508479 | .0067188 | .5623096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2470994 | .0637785 | 1.414731 | .2379234 | .1849340 | 98.24525 | 4.885717 |
| #2 | .2435081 | .0625128 | 1.413710 | .2534002 | .1824629 | 98.25499 | 4.915833 |
| #3 | .2526753 | .0637950 | 1.414587 | .2449750 | .1820537 | 98.24240 | 4.940906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0837831 | .1011820 | 72.06328 | .4473919 | 1.014237 | .6278683 | 212.7464 |
| Stddev | .0004122 | .0004727 | .20911   | .0012352 | .001756  | .0042856 | .5081    |
| %RSD   | .4919467 | .4671247 | .2901749 | .2760944 | .1730999 | .6825595 | .2388213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0841957 | .1017195 | 71.83962 | .4486166 | 1.015900 | .6323806 | 212.4561 |
| #2 | .0833714 | .1008313 | 72.09631 | .4461465 | 1.014410 | .6238527 | 212.4501 |
| #3 | .0837823 | .1009951 | 72.25391 | .4474125 | 1.012402 | .6273715 | 213.3331 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.13918 | 28.20488 | 1.143193 | .0655275 | .6657575 | .9827188 | 2.118825 |
| Stddev | .01043   | .38460   | .002777  | .0010391 | .0103333 | .0061540 | .010981  |
| %RSD   | .0608580 | 1.363592 | .2429088 | 1.585791 | 1.552112 | .6262181 | .5182458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.14702 | 27.85477 | 1.146201 | .0656584 | .6725058 | .9888410 | 2.128458 |
| #2 | 17.12734 | 28.61655 | 1.140727 | .0664950 | .6538615 | .9765336 | 2.106869 |
| #3 | 17.14318 | 28.14331 | 1.142651 | .0644292 | .6709053 | .9827819 | 2.121150 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.975700 | 5.780239 | -.682202 | .0088027 | 1.790541 | 13.70511 | .0732960 |
| Stddev | .194711  | .020746  | .012638  | .0006333 | .000968  | .10205   | .0003149 |
| %RSD   | 3.258385 | .3589192 | 1.852474 | 7.194005 | .0540859 | .7446151 | .4296694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.031868 | 5.803438 | -.695279 | .0091035 | 1.791644 | 13.80458 | .0731812 |
| #2 | 5.759079 | 5.773814 | -.670055 | .0080751 | 1.789827 | 13.60066 | .0736522 |
| #3 | 6.136154 | 5.763466 | -.681273 | .0092295 | 1.790153 | 13.71009 | .0730545 |



Sample Name: P5198-07      Acquired: 01/09/2025 17:56:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5688385 | -.035493 | .0891726 |
| Stddev | .0058657 | .000625  | .0052609 |
| %RSD   | 1.031167 | 1.762047 | 5.899722 |
| #1     | .5750487 | -.035557 | .0890550 |
| #2     | .5633921 | -.034838 | .0944913 |
| #3     | .5680745 | -.036084 | .0839714 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2907.512 | 26395.77 | 1214.685 | 2208.494 | 2278.058 |
| Stddev    | 4.220    | 129.69   | 2.231    | 8.805    | 6.497    |
| %RSD      | .1451473 | .4913189 | .1836352 | .3986987 | .2852133 |
| #1        | 2904.267 | 26534.32 | 1215.332 | 2218.656 | 2271.111 |
| #2        | 2905.985 | 26277.28 | 1216.521 | 2203.697 | 2279.078 |
| #3        | 2912.283 | 26375.73 | 1212.203 | 2203.129 | 2283.985 |

Sample Name: P5202-10      Acquired: 01/09/2025 18:00:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0886052 | .0088446 | 3.067077 | .0182320 | .0274410 | 43.07192 |
| Stddev | .0046703 | .0043540 | .007864  | .0081541 | .0016195 | .13471   |
| %RSD   | 5.270890 | 49.22774 | .2564028 | 44.72391 | 5.901688 | .3127454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0911531 | .0038772 | 3.068870 | .0238272 | .0293015 | 43.01740 |
| #2 | .0914474 | .0106568 | 3.073890 | .0219926 | .0266738 | 42.97302 |
| #3 | .0832151 | .0119998 | 3.058472 | .0088763 | .0263477 | 43.22534 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.760611 | .0046358 | .0136394 | F 999.1472 | .1572366 | .0627290 |
| Stddev | .009957  | .0003049 | .0001376 | 3.5715     | .0011416 | .0001619 |
| %RSD   | .5655648 | 6.577735 | 1.008672 | .3574598   | .7260659 | .2581091 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.770130 | .0048166 | .0135584 | 1002.726 | .1559210 | .0629160 |
| #2 | 1.750266 | .0042838 | .0137983 | 995.583  | .1579674 | .0626390 |
| #3 | 1.761437 | .0048071 | .0135616 | 999.132  | .1578213 | .0626322 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4019241 | 136.6099 | 9.105885 | 139.9891 | .1911337 | .0055236 |
| Stddev | .0041763 | .4478    | .021963  | .2932    | .0024223 | .0006722 |
| %RSD   | 1.039084 | .3277867 | .2411952 | .2094357 | 1.267317 | 12.16900 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4064662 | 137.0801 | 9.131242 | 140.3110 | .1938038 | .0059661 |
| #2 | .3982498 | 136.1885 | 9.093542 | 139.9189 | .1905197 | .0047501 |
| #3 | .4010564 | 136.5611 | 9.092870 | 139.7374 | .1890774 | .0058546 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.584957 | .1149381 | 2.757520 | 5.040376 | 8.646428 | -.346268 |
| Stddev | .017773  | .0022263 | .013158  | .241642  | .020406  | .004372  |
| %RSD   | 1.121378 | 1.936976 | .4771543 | 4.794130 | .2360016 | 1.262479 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.598015 | .1168242 | 2.752749 | 5.306100 | 8.669044 | -.349730 |
| #2 | 1.564716 | .1124823 | 2.772398 | 4.833799 | 8.629394 | -.341356 |
| #3 | 1.592140 | .1155080 | 2.747414 | 4.981230 | 8.640846 | -.347718 |

Sample Name: P5202-10      Acquired: 01/09/2025 18:00:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0142154 | 6.919465 | 8.425493 | .1428336 | .5595319 | .8805182 |
| Stddev | .0007717 | .015906  | .098416  | .0010724 | .0085920 | .0029806 |
| %RSD   | 5.428977 | .2298736 | 1.168079 | .7508253 | 1.535568 | .3385084 |
| #1     | .0150925 | 6.933760 | 8.518594 | .1419598 | .5510397 | .8801545 |
| #2     | .0139129 | 6.902330 | 8.322508 | .1440304 | .5593356 | .8777360 |
| #3     | .0136407 | 6.922305 | 8.435378 | .1425106 | .5682204 | .8836639 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0364268 |
| Stddev | .0082558 |
| %RSD   | 22.66408 |
| #1     | .0376388 |
| #2     | .0440096 |
| #3     | .0276320 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2200.283 | 19907.03 | 947.6892 | 1658.316 | 1919.439 |
| Stddev    | 4.725    | 60.96    | 9.7156   | 7.045    | 4.564    |
| %RSD      | .2147271 | .3062408 | 1.025191 | .4248544 | .2377585 |
| #1        | 2195.081 | 19960.60 | 937.4188 | 1662.819 | 1915.926 |
| #2        | 2201.460 | 19840.70 | 956.7337 | 1650.197 | 1917.792 |
| #3        | 2204.307 | 19919.80 | 948.9150 | 1661.932 | 1924.597 |

Sample Name: P5202-11      Acquired: 01/09/2025 18:03:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0881235 | .0070772 | 3.079141 | .0119055 | .0274557 | 42.06735 |
| Stddev | .0024979 | .0036392 | .042467  | .0051069 | .0024699 | .61130   |
| %RSD   | 2.834494 | 51.42107 | 1.379191 | 42.89497 | 8.995899 | 1.453141 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0885063 | .0073618 | 3.076509 | .0175835 | .0278232 | 41.40734 |
| #2 | .0904079 | .0033041 | 3.122863 | .0104451 | .0297213 | 42.18064 |
| #3 | .0854564 | .0105658 | 3.038052 | .0076879 | .0248227 | 42.61409 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.733593 | .0046863 | .0138766 | F 981.2836 | .1575956 | .0641252 |
| Stddev | .022863  | .0000733 | .0003624 | 13.8067    | .0009232 | .0023453 |
| %RSD   | 1.318845 | 1.564060 | 2.611816 | 1.407008   | .5858288 | 3.657417 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.708596 | .0046893 | .0139053 | 966.6069 | .1571896 | .0643201 |
| #2 | 1.738736 | .0047580 | .0142238 | 983.2304 | .1586522 | .0663670 |
| #3 | 1.753447 | .0046115 | .0135006 | 994.0137 | .1569449 | .0616885 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3943390 | 133.2340 | 8.863753 | 136.9925 | .1923685 | .0056888 |
| Stddev | .0046874 | 1.5595   | .128544  | 2.6272   | .0038976 | .0010826 |
| %RSD   | 1.188668 | 1.170531 | 1.450220 | 1.917802 | 2.026139 | 19.02960 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3895824 | 131.6024 | 8.718875 | 134.0118 | .1921635 | .0050239 |
| #2 | .3944806 | 133.3899 | 8.908242 | 137.9942 | .1963646 | .0069380 |
| #3 | .3989539 | 134.7097 | 8.964143 | 138.9716 | .1885773 | .0051046 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.544417 | .1143698 | 2.757865 | 5.001011 | 8.672028 | -.333712 |
| Stddev | .027798  | .0022538 | .016247  | .164175  | .128520  | .009812  |
| %RSD   | 1.799927 | 1.970604 | .5891176 | 3.282832 | 1.482012 | 2.940408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.522607 | .1120019 | 2.739105 | 4.879577 | 8.672114 | -.322431 |
| #2 | 1.575718 | .1146185 | 2.767079 | 4.935659 | 8.800505 | -.338438 |
| #3 | 1.534926 | .1164888 | 2.767411 | 5.187798 | 8.543464 | -.340267 |

Sample Name: P5202-11      Acquired: 01/09/2025 18:03:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131205 | 6.990709 | 8.327422 | .1430722 | .5334215 | .8606774 |
| Stddev | .0010624 | .102244  | .114902  | .0022848 | .0094991 | .0118523 |
| %RSD   | 8.097656 | 1.462566 | 1.379801 | 1.596952 | 1.780789 | 1.377088 |
| #1     | .0136639 | 6.976646 | 8.204213 | .1425288 | .5241556 | .8481510 |
| #2     | .0138014 | 7.099257 | 8.346400 | .1455797 | .5329712 | .8621663 |
| #3     | .0118963 | 6.896225 | 8.431654 | .1411081 | .5431378 | .8717149 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0347696 |
| Stddev | .0100040 |
| %RSD   | 28.77233 |
| #1     | .0240974 |
| #2     | .0362770 |
| #3     | .0439344 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2181.651 | 19727.08 | 959.9069 | 1644.060 | 1901.435 |
| Stddev    | 28.765   | 122.89   | 13.7828  | 11.612   | 28.399   |
| %RSD      | 1.318478 | .6229616 | 1.435846 | .7063125 | 1.493556 |
| #1        | 2188.067 | 19868.56 | 975.4193 | 1657.104 | 1904.802 |
| #2        | 2150.220 | 19646.81 | 955.2311 | 1634.850 | 1871.503 |
| #3        | 2206.666 | 19665.88 | 949.0702 | 1640.226 | 1928.001 |

Sample Name: P5202-10LX5      Acquired: 01/09/2025 18:07:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172958 | .0172856 | .6023024 | -.026690 | .0021401 | 9.468699 | .3751710 |
| Stddev | .0029580 | .0028156 | .0014110 | .008673  | .0005300 | .035318  | .0032783 |
| %RSD   | 17.10239 | 16.28856 | .2342680 | 32.49526 | 24.76717 | .3729984 | .8738223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0139708 | .0162422 | .6037256 | -.034545 | .0023254 | 9.499691 | .3715015 |
| #2 | .0196351 | .0151407 | .6022778 | -.028143 | .0025525 | 9.430247 | .3778111 |
| #3 | .0182814 | .0204740 | .6009039 | -.017382 | .0015423 | 9.476160 | .3762005 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007420 | .0024992 | 219.7518 | .0337105 | .0370873 | .0946964 | 29.93386 |
| Stddev | .0002560 | .0001793 | .7334    | .0011881 | .0010077 | .0016011 | .13798   |
| %RSD   | 34.50183 | 7.172913 | .3337378 | 3.524353 | 2.717020 | 1.690796 | .4609581 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009480 | .0026453 | 218.9097 | .0339942 | .0381622 | .0948603 | 29.80950 |
| #2 | .0008225 | .0025531 | 220.0953 | .0347311 | .0369357 | .0930196 | 29.90980 |
| #3 | .0004554 | .0022991 | 220.2504 | .0324063 | .0361640 | .0962093 | 30.08229 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.019164 | 31.78047 | .0346260 | .0010100 | .3904944 | .0267076 | .6007617 |
| Stddev | .004472  | .26653   | .0013354 | .0006155 | .0030494 | .0012885 | .0033087 |
| %RSD   | .2214978 | .8386582 | 3.856743 | 60.94059 | .7809040 | 4.824636 | .5507485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.015334 | 31.95069 | .0358105 | .0015873 | .3936747 | .0255170 | .5995662 |
| #2 | 2.018079 | 31.47331 | .0348887 | .0003623 | .3902130 | .0265300 | .6045020 |
| #3 | 2.024079 | 31.91742 | .0331787 | .0010803 | .3875955 | .0280757 | .5982169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6451036 | 1.566724 | -.083796 | .0087913 | 1.265749 | 1.947379 | .0291649 |
| Stddev | .2050072 | .001242  | .002153  | .0007236 | .006974  | .010526  | .0005520 |
| %RSD   | 31.77895 | .0792877 | 2.569846 | 8.230719 | .5509723 | .5405391 | 1.892525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4352430 | 1.565511 | -.084166 | .0091294 | 1.269482 | 1.945166 | .0286773 |
| #2 | .8448855 | 1.567994 | -.081482 | .0092840 | 1.257703 | 1.938135 | .0297641 |
| #3 | .6551822 | 1.566667 | -.085741 | .0079606 | 1.270061 | 1.958836 | .0290534 |

Sample Name: P5202-10LX5      Acquired: 01/09/2025 18:07:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1204508 | .1928608 | -.000399 |
| Stddev | .0089073 | .0004871 | .006231  |
| %RSD   | 7.394956 | .2525665 | 1562.181 |
| #1     | .1257148 | .1926542 | -.007285 |
| #2     | .1101665 | .1925110 | .004850  |
| #3     | .1254710 | .1934171 | .001238  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2150.322 | 19722.56 | 901.0564 | 1613.770 | 2210.218 |
| Stddev    | 2.540    | 105.03   | .7953    | 8.898    | 3.005    |
| %RSD      | .1180990 | .5325244 | .0882668 | .5513923 | .1359489 |
| #1        | 2147.392 | 19701.75 | 900.5759 | 1611.070 | 2207.277 |
| #2        | 2151.673 | 19629.50 | 901.9745 | 1606.535 | 2213.283 |
| #3        | 2151.900 | 19836.44 | 900.6189 | 1623.706 | 2210.095 |

Sample Name: P5202-12      Acquired: 01/09/2025 18:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1719410 | .0969765 | 3.093360 | .1796653 | .1888683 | 46.62521 |
| Stddev | .0021468 | .0024644 | .013681  | .0067205 | .0033102 | .66809   |
| %RSD   | 1.248570 | 2.541227 | .4422662 | 3.740588 | 1.752666 | 1.432898 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1701826 | .0997885 | 3.085906 | .1852644 | .1871729 | 47.18693 |
| #2 | .1743334 | .0959483 | 3.109149 | .1722124 | .1926828 | 45.88642 |
| #3 | .1713069 | .0951927 | 3.085026 | .1815190 | .1867492 | 46.80229 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 5.272392 | .0938776 | .1072200 | F 989.0864 | .5191638 | 1.025803 |
| Stddev | .050659  | .0020057 | .0004184 | 11.2442    | .0032779 | .005079  |
| %RSD   | .9608327 | 2.136477 | .3902529 | 1.136828   | .6313741 | .4951090 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.305740 | .0953264 | .1071553 | 998.5205 | .5171963 | 1.023742 |
| #2 | 5.214098 | .0915884 | .1076670 | 976.6440 | .5173473 | 1.031588 |
| #3 | 5.297340 | .0947180 | .1068377 | 992.0946 | .5229477 | 1.022079 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8199525 | 138.3156 | 9.926609 | 139.7797 | 1.146620 | .0711243 |
| Stddev | .0152818 | 1.6809   | .127820  | 1.1850   | .005157  | .0013246 |
| %RSD   | 1.863736 | 1.215262 | 1.287650 | .8477581 | .4497679 | 1.862313 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8338448 | 139.9274 | 10.02075 | 140.8408 | 1.145682 | .0713863 |
| #2 | .8035838 | 136.5732 | 9.78109  | 138.5010 | 1.152182 | .0696882 |
| #3 | .8224290 | 138.4463 | 9.97799  | 139.9971 | 1.141996 | .0722982 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.530670 | 1.036288 | 3.558316 | 5.224282 | 8.592638 | -.339868 |
| Stddev | .031279  | .018982  | .016558  | .427688  | .043219  | .007796  |
| %RSD   | 2.043474 | 1.831748 | .4653219 | 8.186531 | .5029741 | 2.293866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.558471 | 1.053361 | 3.570691 | 5.488705 | 8.574231 | -.348857 |
| #2 | 1.496802 | 1.015847 | 3.564750 | 4.730855 | 8.642012 | -.335803 |
| #3 | 1.536736 | 1.039655 | 3.539507 | 5.453287 | 8.561669 | -.334945 |



Sample Name: P5202-12      Acquired: 01/09/2025 18:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133533 | 6.940410 | 8.476252 | .1393841 | .5543356 | .8822704 |
| Stddev | .0007347 | .019589  | .149006  | .0013826 | .0149328 | .0104056 |
| %RSD   | 5.502336 | .2822491 | 1.757921 | .9919178 | 2.693813 | 1.179413 |
| #1     | .0125582 | 6.943861 | 8.619576 | .1404520 | .5634815 | .8892869 |
| #2     | .0140073 | 6.958044 | 8.322150 | .1398779 | .5371036 | .8703151 |
| #3     | .0134944 | 6.919324 | 8.487031 | .1378224 | .5624218 | .8872092 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0317438 |
| Stddev | .0022648 |
| %RSD   | 7.134566 |
| #1     | .0341025 |
| #2     | .0295864 |
| #3     | .0315426 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2213.609 | 20151.16 | 953.9260 | 1666.470 | 1933.178 |
| Stddev    | 8.880    | 99.11    | 14.3385  | 2.651    | 10.428   |
| %RSD      | .4011510 | .4918477 | 1.503102 | .1590982 | .5394348 |
| #1        | 2218.650 | 20254.19 | 941.9358 | 1667.705 | 1937.518 |
| #2        | 2203.356 | 20142.81 | 969.8089 | 1663.427 | 1921.281 |
| #3        | 2218.821 | 20056.49 | 950.0333 | 1668.279 | 1940.736 |

Sample Name: CCV139      Acquired: 01/09/2025 18:15:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV139      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.872400 | 4.717747 | 24.08548 | 4.939544 | 4.864390 | 398.7045   |
| Stddev | .032332  | .006823  | .07755   | .003921  | .004955  | 2.8638     |
| %RSD   | .6635808 | .1446331 | .3219936 | .0793765 | .1018578 | .7182866   |
| #1     | 4.895197 | 4.713440 | 24.09796 | 4.942995 | 4.863719 | 399.1169   |
| #2     | 4.886607 | 4.714186 | 24.00244 | 4.935281 | 4.859805 | 401.3398   |
| #3     | 4.835397 | 4.725614 | 24.15604 | 4.940356 | 4.869646 | 395.6568   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.930493 | .5040119 | 2.435057 | 399.4739 | 15.09200 | 2.352474   |
| Stddev | .061911  | .0022382 | .006535  | 2.2159   | .02735   | .007104    |
| %RSD   | .6234443 | .4440809 | .2683653 | .5547005 | .1811922 | .3019619   |
| #1     | 9.927859 | .5014746 | 2.436540 | 399.7913 | 15.06520 | 2.354872   |
| #2     | 9.993679 | .5057064 | 2.427908 | 401.5139 | 15.09093 | 2.344482   |
| #3     | 9.869941 | .5048546 | 2.440723 | 397.1164 | 15.11986 | 2.358068   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 14.81017 | 399.7716 | 14.78738 | 405.9479 | 2.450207 | 1.242162   |
| Stddev | .07005   | 3.3984   | .08971   | 4.0876   | .005149  | .001712    |
| %RSD   | .4730009 | .8500937 | .6066833 | 1.006917 | .2101265 | .1378117   |
| #1     | 14.74165 | 400.8866 | 14.83410 | 407.1721 | 2.451118 | 1.240271   |
| #2     | 14.88166 | 402.4725 | 14.84409 | 409.2834 | 2.444663 | 1.242608   |
| #3     | 14.80720 | 395.9558 | 14.68395 | 401.3881 | 2.454839 | 1.243606   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 417.9408 | 2.469740 | 14.57446 | 152.7452 | 4.843843 | F 4.161206 |
| Stddev | .9756    | .010012  | .03770   | 1.4982   | .008632  | .012785    |
| %RSD   | .2334418 | .4053899 | .2586865 | .9808778 | .1781986 | .3072420   |
| #1     | 419.0472 | 2.462395 | 14.53153 | 152.0563 | 4.853412 | 4.151154   |
| #2     | 417.2037 | 2.481145 | 14.60221 | 154.4640 | 4.836644 | 4.175596   |
| #3     | 417.5714 | 2.465682 | 14.58963 | 151.7153 | 4.841473 | 4.156869   |

Sample Name: CCV139      Acquired: 01/09/2025 18:15:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV139      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.798088 | 4.856186 | 4.815520 | 4.881259 | 4.954633 | 4.730799 |
| Stddev | .010361  | .033084  | .014888  | .016558  | .046516  | .040364  |
| %RSD   | .2159449 | .6812748 | .3091748 | .3392083 | .9388397 | .8532140 |
| #1     | 4.796322 | 4.853017 | 4.802902 | 4.885978 | 4.984143 | 4.738762 |
| #2     | 4.788723 | 4.824801 | 4.831941 | 4.862855 | 4.978744 | 4.766588 |
| #3     | 4.809219 | 4.890741 | 4.811716 | 4.894946 | 4.901011 | 4.687047 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 4.988215 |
| Stddev | .014472  |
| %RSD   | .2901244 |
| #1     | 4.991452 |
| #2     | 5.000795 |
| #3     | 4.972399 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1824.486 | 17060.58 | 816.4573 | 1366.984 | 1809.906 |
| Stddev    | 10.765   | 24.07    | 3.3984   | 3.907    | 11.598   |
| %RSD      | .5900388 | .1410623 | .4162397 | .2858332 | .6408136 |
| #1        | 1833.471 | 17034.16 | 817.6536 | 1367.669 | 1816.821 |
| #2        | 1827.433 | 17066.33 | 812.6224 | 1362.779 | 1816.382 |
| #3        | 1812.554 | 17081.24 | 819.0957 | 1370.503 | 1796.516 |

Sample Name: CCB139      Acquired: 01/09/2025 18:18:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB139      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021838 | .0029575 | .0001107 | -.009222 | -.002423 | -.003375 |
| Stddev | .0060413 | .0018789 | .0038518 | .002971  | .003812  | .067022  |
| %RSD   | 276.6378 | 63.52849 | 3481.240 | 32.21595 | 157.3137 | 1985.558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002956 | .0041898 | .0022416 | -.010886 | -.005334 | -.039804 |
| #2 | .008838  | .0038878 | .0024261 | -.010988 | .001892  | -.044294 |
| #3 | .000670  | .0007950 | -.004336 | -.005792 | -.003827 | .073971  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001024 | -.000409 | .0000923 | -.033446 | -.000577 | -.000117 |
| Stddev | .001803  | .000219  | .0000845 | .025333  | .000493  | .000332  |
| %RSD   | 176.0287 | 53.64584 | 91.52948 | 75.74213 | 85.35894 | 283.9345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001011  | -.000631 | .0000923 | -.039061 | -.000011 | -.000197 |
| #2 | -.001660 | -.000404 | .0000078 | -.005777 | -.000816 | .000248  |
| #3 | -.002424 | -.000192 | .0001769 | -.055501 | -.000906 | -.000402 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007311 | -.028582 | -.001508 | .0922854 | -.000607 | -.001701 |
| Stddev | .0005307 | .043135  | .005499  | .3557963 | .000897  | .001271  |
| %RSD   | 72.58938 | 150.9177 | 364.5768 | 385.5391 | 147.7775 | 74.73241 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0013031 | .002049  | -.001565 | -.212642 | -.001310 | -.001704 |
| #2 | .0002549 | -.009883 | .004019  | .006306  | -.000914 | -.000428 |
| #3 | .0006351 | -.077911 | -.006978 | .483193  | .000403  | -.002970 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0457378 | .0002490 | .0002469 | .1014570 | .0012669 | .0178446 |
| Stddev | .0174353 | .0004392 | .0001490 | .3676903 | .0027470 | .0034484 |
| %RSD   | 38.12015 | 176.4003 | 60.35948 | 362.4099 | 216.8317 | 19.32481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0525845 | .0001784 | .0003990 | -.319894 | .0034154 | .0170239 |
| #2 | .0587106 | .0007191 | .0002406 | .357341  | .0022135 | .0216293 |
| #3 | .0259184 | -.000151 | .0001011 | .266924  | -.001828 | .0148805 |

Sample Name: CCB139      Acquired: 01/09/2025 18:18:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB139      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006009 | .0007861 | -.000414 | -.000003 | -.006238 | .0007313 |
| Stddev | .0008981 | .0036602 | .003822  | .001124  | .010412  | .0002047 |
| %RSD   | 149.4637 | 465.6271 | 923.9946 | 36642.35 | 166.8980 | 27.99701 |
| #1     | .0015258 | -.001805 | .002582  | .000523  | .000611  | .0008240 |
| #2     | .0005448 | -.000810 | -.004718 | .000761  | -.018220 | .0008733 |
| #3     | -.000268 | .004973  | .000895  | -.001294 | -.001106 | .0004966 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0233230 |
| Stddev | .0057291   |
| %RSD   | 24.56405   |
| #1     | .0282642   |
| #2     | .0246616   |
| #3     | .0170431   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2219.564 | 20344.80 | 889.5434 | 1658.343 | 2605.924 |
| Stddev    | 2.182    | 66.90    | 6.3917   | 8.829    | 7.464    |
| %RSD      | .0983220 | .3288299 | .7185329 | .5324254 | .2864109 |
| #1        | 2218.834 | 20419.89 | 884.5454 | 1665.420 | 2603.140 |
| #2        | 2222.017 | 20322.95 | 887.3394 | 1661.161 | 2614.379 |
| #3        | 2217.840 | 20291.55 | 896.7455 | 1648.449 | 2600.252 |

Sample Name: P5203-18      Acquired: 01/09/2025 18:22:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0392661 | .0001442 | .1192629 | .0289510 | .0236050 | 50.11158 | .3742960 |
| Stddev | .0048170 | .0023426 | .0040687 | .0084623 | .0095205 | .28051   | .0044190 |
| %RSD   | 12.26757 | 1625.087 | 3.411519 | 29.22955 | 40.33247 | .5597647 | 1.180622 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0363754 | -.000348 | .1153338 | .0240060 | .0314444 | 50.01621 | .3740227 |
| #2 | .0365961 | .002694  | .1234581 | .0241249 | .0263597 | 50.42734 | .3788454 |
| #3 | .0448268 | -.001913 | .1189968 | .0387222 | .0130109 | 49.89120 | .3700200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037374 | .0011938 | 539.3794 | .0799808 | .0655379 | .1885028 | 135.0145 |
| Stddev | .0004600 | .0002183 | 5.1214   | .0012785 | .0009447 | .0012781 | 1.1892   |
| %RSD   | 12.30886 | 18.28721 | .9494934 | 1.598446 | 1.441469 | .6780126 | .8807637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039935 | .0010866 | 537.4431 | .0795978 | .0664768 | .1879069 | 134.5427 |
| #2 | .0040123 | .0010497 | 545.1866 | .0789376 | .0645875 | .1899700 | 136.3671 |
| #3 | .0032063 | .0014450 | 535.5085 | .0814070 | .0655492 | .1876315 | 134.1336 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.508148 | 103.3245 | .1427237 | .0023704 | 1.163675 | .1339368 | .2847872 |
| Stddev | .068442  | 1.0113   | .0019978 | .0014650 | .053801  | .0013767 | .0025234 |
| %RSD   | 1.051633 | .9787476 | 1.399746 | 61.80494 | 4.623340 | 1.027876 | .8860624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.470453 | 102.9527 | .1441578 | .0040621 | 1.166524 | .1341346 | .2875896 |
| #2 | 6.587151 | 104.4690 | .1404419 | .0015117 | 1.215994 | .1352039 | .2826951 |
| #3 | 6.466841 | 102.5517 | .1435715 | .0015375 | 1.108506 | .1324719 | .2840768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.882888 | 6.527058 | -.378038 | .0077939 | .7306721 | 9.455641 | .0220829 |
| Stddev | .203231  | .009716  | .003467  | .0010192 | .0125735 | .123386  | .0005198 |
| %RSD   | 4.162108 | .1488599 | .9170185 | 13.07729 | 1.720813 | 1.304892 | 2.353765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.061167 | 6.516111 | -.375659 | .0088729 | .7329114 | 9.488718 | .0216467 |
| #2 | 4.925904 | 6.534657 | -.382016 | .0076615 | .7419754 | 9.559116 | .0226581 |
| #3 | 4.661592 | 6.530406 | -.376440 | .0068474 | .7171294 | 9.319087 | .0219440 |

Sample Name: P5203-18      Acquired: 01/09/2025 18:22:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8749915 | .5661727 | .0794331 |
| Stddev | .0050239 | .0037345 | .0049587 |
| %RSD   | .5741637 | .6596026 | 6.242627 |
| #1     | .8695797 | .5651529 | .0743480 |
| #2     | .8795068 | .5703111 | .0796963 |
| #3     | .8758879 | .5630540 | .0842550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2336.497 | 21199.03 | 987.1027 | 1755.760 | 2045.679 |
| Stddev    | 2.633    | 93.40    | 9.5160   | 4.244    | 2.211    |
| %RSD      | .1126874 | .4405713 | .9640322 | .2417201 | .1080853 |
| #1        | 2333.978 | 21285.94 | 985.8126 | 1760.019 | 2043.152 |
| #2        | 2339.231 | 21210.87 | 978.2976 | 1755.729 | 2046.627 |
| #3        | 2336.282 | 21100.28 | 997.1980 | 1751.531 | 2047.258 |

Sample Name: P5203-19      Acquired: 01/09/2025 18:26:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0385193 | -.002545 | .1229974 | .0243514 | .0245029 | 50.50028 | .3763104 |
| Stddev | .0031280 | .002285  | .0007951 | .0149675 | .0081400 | .00704   | .0024015 |
| %RSD   | 8.120713 | 89.76546 | .6464182 | 61.46444 | 33.22034 | .0139336 | .6381759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0374707 | -.005095 | .1239058 | .0084647 | .0333468 | 50.49533 | .3784559 |
| #2 | .0360503 | -.001858 | .1226581 | .0264012 | .0173244 | 50.50834 | .3737162 |
| #3 | .0420369 | -.000683 | .1224282 | .0381883 | .0228377 | 50.49719 | .3767592 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040732 | .0012875 | 543.7534 | .0800745 | .0644259 | .1908765 | 136.6146 |
| Stddev | .0001778 | .0001274 | 2.4137   | .0008596 | .0001501 | .0008132 | .6350    |
| %RSD   | 4.365621 | 9.898692 | .4438876 | 1.073464 | .2330656 | .4260357 | .4648352 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041546 | .0014035 | 544.5927 | .0802189 | .0644175 | .1918107 | 136.3733 |
| #2 | .0038692 | .0011511 | 541.0322 | .0808526 | .0642802 | .1903271 | 136.1356 |
| #3 | .0041957 | .0013079 | 545.6354 | .0791518 | .0645801 | .1904918 | 137.3350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.596138 | 104.2842 | .1417730 | .0029906 | 1.193205 | .1375324 | .2869534 |
| Stddev | .042413  | .4956    | .0011281 | .0013485 | .003824  | .0003039 | .0049556 |
| %RSD   | .6429912 | .4752397 | .7957213 | 45.09238 | .3205158 | .2209873 | 1.726984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.550826 | 104.2507 | .1418625 | .0029170 | 1.191526 | .1377900 | .2867538 |
| #2 | 6.602702 | 103.8062 | .1428537 | .0016803 | 1.190508 | .1371972 | .2920059 |
| #3 | 6.634885 | 104.7957 | .1406028 | .0043743 | 1.197582 | .1376099 | .2821006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.101482 | 6.494099 | -.394546 | .0071766 | .7322227 | 9.600151 | .0226649 |
| Stddev | .064178  | .015908  | .004635  | .0008043 | .0051501 | .037196  | .0005704 |
| %RSD   | 1.258030 | .2449675 | 1.174891 | 11.20733 | .7033476 | .3874498 | 2.516486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.064547 | 6.490110 | -.399554 | .0065061 | .7315664 | 9.640042 | .0233232 |
| #2 | 5.175589 | 6.480565 | -.393680 | .0080684 | .7376694 | 9.566419 | .0223529 |
| #3 | 5.064312 | 6.511623 | -.390405 | .0069553 | .7274322 | 9.593993 | .0223186 |



Sample Name: P5203-19      Acquired: 01/09/2025 18:26:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8826534 | .5698543 | .0773870 |
| Stddev | .0085637 | .0026642 | .0096885 |
| %RSD   | .9702163 | .4675134 | 12.51957 |
| #1     | .8748291 | .5692987 | .0710973 |
| #2     | .8813291 | .5675118 | .0725195 |
| #3     | .8918021 | .5727525 | .0885441 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2356.827 | 21151.22 | 980.8574 | 1756.736 | 2066.363 |
| Stddev    | 5.464    | 108.91   | 4.4919   | 14.681   | 5.864    |
| %RSD      | .2318367 | .5149025 | .4579559 | .8356902 | .2837692 |
| #1        | 2351.802 | 21093.86 | 977.5070 | 1757.162 | 2063.873 |
| #2        | 2362.643 | 21082.98 | 985.9616 | 1741.846 | 2073.061 |
| #3        | 2356.036 | 21276.82 | 979.1037 | 1771.199 | 2062.155 |

Sample Name: P5203-18LX5      Acquired: 01/09/2025 18:30:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024604 | .0095931 | .0253019 | -.017976 | .0042087 | 11.14867 | .0790346 |
| Stddev | .0059656 | .0059629 | .0017679 | .010619  | .0032527 | .18810   | .0041820 |
| %RSD   | 242.4647 | 62.15756 | 6.987220 | 59.07320 | 77.28470 | 1.687205 | 5.291385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003485 | .0158957 | .0251738 | -.029570 | .0006926 | 10.98902 | .0743895 |
| #2 | .008446  | .0088427 | .0236015 | -.015634 | .0071103 | 11.35603 | .0825003 |
| #3 | .002420  | .0040410 | .0271304 | -.008723 | .0048234 | 11.10097 | .0802140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006408 | .0002234 | 121.3476 | .0187426 | .0322436 | .0447824 | 30.18061 |
| Stddev | .0000884 | .0000567 | .9267    | .0009079 | .0008421 | .0012083 | .13112   |
| %RSD   | 13.79652 | 25.38501 | .7636709 | 4.843971 | 2.611515 | 2.698137 | .4344623 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007194 | .0001659 | 120.4832 | .0186692 | .0319401 | .0456447 | 30.07259 |
| #2 | .0005451 | .0002251 | 122.3260 | .0178736 | .0315953 | .0434014 | 30.32650 |
| #3 | .0006579 | .0002793 | 121.2336 | .0196849 | .0331953 | .0453012 | 30.14274 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.478722 | 23.97699 | .0265275 | -.001679 | .3289232 | .0303746 | .0644778 |
| Stddev | .011390  | .38196   | .0008844 | .000509  | .0281197 | .0020121 | .0007430 |
| %RSD   | .7702307 | 1.593011 | 3.333855 | 30.34687 | 8.549025 | 6.624312 | 1.152320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.471670 | 23.86208 | .0271417 | -.001887 | .3114599 | .0297261 | .0639641 |
| #2 | 1.491862 | 24.40320 | .0269270 | -.001098 | .3139484 | .0287667 | .0653298 |
| #3 | 1.472634 | 23.66567 | .0255139 | -.002051 | .3613613 | .0326309 | .0641396 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.088472 | 1.205744 | -.090163 | .0051493 | .1506227 | 2.229686 | .0059643 |
| Stddev | .205335  | .004165  | .001257  | .0007496 | .0098898 | .012178  | .0019497 |
| %RSD   | 18.86449 | .3453973 | 1.394133 | 14.55746 | 6.565928 | .5461855 | 32.68972 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .859517  | 1.210066 | -.089147 | .0052628 | .1616677 | 2.225025 | .0079542 |
| #2 | 1.256308 | 1.205410 | -.091568 | .0043494 | .1425877 | 2.243506 | .0058812 |
| #3 | 1.149591 | 1.201757 | -.089772 | .0058356 | .1476126 | 2.220526 | .0040574 |

Sample Name: P5203-18LX5      Acquired: 01/09/2025 18:30:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2020751 | .1257729 | .0156866 |
| Stddev | .0038886 | .0010622 | .0042344 |
| %RSD   | 1.924348 | .8445484 | 26.99358 |
| #1     | .2065291 | .1246486 | .0108520 |
| #2     | .2003416 | .1267596 | .0174714 |
| #3     | .1993548 | .1259105 | .0187363 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2214.821 | 19890.95 | 913.2717 | 1643.847 | 2310.868 |
| Stddev    | 5.317    | 28.79    | 5.1261   | 5.525    | 7.229    |
| %RSD      | .2400578 | .1447614 | .5612873 | .3361106 | .3128084 |
| #1        | 2218.167 | 19870.01 | 915.6061 | 1649.808 | 2315.855 |
| #2        | 2217.604 | 19879.06 | 907.3939 | 1638.898 | 2314.170 |
| #3        | 2208.690 | 19923.79 | 916.8152 | 1642.834 | 2302.578 |

Sample Name: P5203-20      Acquired: 01/09/2025 18:34:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1283573 | .0914937 | .1593671 | .1905842 | .1833415 | 52.86040 | 3.947801 |
| Stddev | .0012385 | .0027448 | .0027717 | .0080350 | .0018380 | .13806   | .011646  |
| %RSD   | .9648739 | 2.999991 | 1.739193 | 4.215967 | 1.002525 | .2611814 | .2949985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1271186 | .0925967 | .1625603 | .1824576 | .1832592 | 52.97048 | 3.955174 |
| #2 | .1295955 | .0935154 | .1575837 | .1985243 | .1815460 | 52.90523 | 3.953854 |
| #3 | .1283577 | .0883689 | .1579574 | .1907707 | .1852193 | 52.70550 | 3.934375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0929372 | .0955703 | 537.1478 | .4495059 | 1.033530 | .6263076 | 135.2674 |
| Stddev | .0006184 | .0002234 | 2.2641   | .0026933 | .002017  | .0034618 | .8842    |
| %RSD   | .6654133 | .2337897 | .4215116 | .5991718 | .1952032 | .5527379 | .6536558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0936476 | .0953516 | 539.1745 | .4483762 | 1.033583 | .6299919 | 136.0964 |
| #2 | .0926451 | .0955610 | 537.5648 | .4525801 | 1.035521 | .6258082 | 135.3689 |
| #3 | .0925189 | .0957982 | 534.7042 | .4475614 | 1.031487 | .6231225 | 134.3368 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.279256 | 102.4948 | 1.111255 | .0697822 | 1.164003 | 1.054567 | 1.080040 |
| Stddev | .044669  | .7705    | .000962  | .0012387 | .007181  | .006762  | .003422  |
| %RSD   | .6136524 | .7517863 | .0865983 | 1.775117 | .6169037 | .6411775 | .3168648 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.274149 | 102.8752 | 1.110176 | .0689667 | 1.172279 | 1.060559 | 1.076229 |
| #2 | 7.326259 | 103.0011 | 1.111566 | .0691723 | 1.159414 | 1.055905 | 1.082849 |
| #3 | 7.237359 | 101.6080 | 1.112023 | .0712076 | 1.160318 | 1.047236 | 1.081042 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.454974 | 6.472990 | -.394058 | .0068838 | .7397067 | 9.437501 | .0237977 |
| Stddev | .045868  | .003599  | .006341  | .0002595 | .0121342 | .036849  | .0013794 |
| %RSD   | 1.029597 | .0555958 | 1.609228 | 3.769295 | 1.640405 | .3904494 | 5.796150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.467274 | 6.468915 | -.401014 | .0066725 | .7384270 | 9.477190 | .0238763 |
| #2 | 4.493437 | 6.475732 | -.392562 | .0071734 | .7524300 | 9.430940 | .0223807 |
| #3 | 4.404209 | 6.474322 | -.388599 | .0068056 | .7282631 | 9.404374 | .0251360 |

Sample Name: P5203-20      Acquired: 01/09/2025 18:34:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNC1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8689423 | .5598571 | .0745774 |
| Stddev | .0144382 | .0029954 | .0067297 |
| %RSD   | 1.661578 | .5350262 | 9.023819 |
| #1     | .8849873 | .5630009 | .0685325 |
| #2     | .8648414 | .5595342 | .0733710 |
| #3     | .8569982 | .5570363 | .0818288 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2358.743 | 21084.67 | 992.3171 | 1765.578 | 2063.690 |
| Stddev    | 3.400    | 22.48    | 5.7499   | 3.612    | 3.696    |
| %RSD      | .1441360 | .1066294 | .5794369 | .2045913 | .1791192 |
| #1        | 2362.309 | 21091.62 | 985.7278 | 1767.238 | 2067.943 |
| #2        | 2358.380 | 21059.54 | 994.9072 | 1768.062 | 2061.254 |
| #3        | 2355.539 | 21102.86 | 996.3165 | 1761.434 | 2061.872 |

Sample Name: P5207-01      Acquired: 01/09/2025 18:38:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1184488 | -.009564 | 2.226829 | .0377445 | .0491329 | 61.48756 |
| Stddev | .0028503 | .004599  | .012799  | .0039251 | .0045010 | .23394   |
| %RSD   | 2.406373 | 48.08809 | .5747752 | 10.39905 | 9.160896 | .3804618 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1177075 | -.012115 | 2.231004 | .0407914 | .0543027 | 61.75610 |
| #2 | .1160424 | -.012323 | 2.237019 | .0333153 | .0460856 | 61.32797 |
| #3 | .1215966 | -.004255 | 2.212463 | .0391268 | .0470104 | 61.37861 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.906603 | .0051824 | .0203894 | 265.3482 | .1339660 | .0500156 |
| Stddev | .008604  | .0002040 | .0001553 | .8143    | .0022999 | .0016106 |
| %RSD   | .4512979 | 3.935918 | .7616863 | .3068707 | 1.716789 | 3.220138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.897288 | .0053941 | .0202953 | 264.6080 | .1341467 | .0502228 |
| #2 | 1.908267 | .0051659 | .0205687 | 265.2161 | .1315810 | .0515125 |
| #3 | 1.914254 | .0049872 | .0203043 | 266.2204 | .1361702 | .0483114 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5957180 | 137.1539 | 5.085239 | 63.88656 | .1583962 | .0056579 |
| Stddev | .0037041 | .4204    | .019361  | .30868   | .0023555 | .0009469 |
| %RSD   | .6217923 | .3065421 | .3807295 | .4831759 | 1.487077 | 16.73563 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5977362 | 137.5385 | 5.104178 | 63.92991 | .1598909 | .0045650 |
| #2 | .5914430 | 137.2182 | 5.065481 | 63.55848 | .1596166 | .0061765 |
| #3 | .5979746 | 136.7050 | 5.086059 | 64.17127 | .1556809 | .0062321 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.089237 | .1717981 | 3.379704 | 7.120457 | F 10.93273 | -.309394 |
| Stddev | .033798  | .0009734 | .010117  | .222816  | .08840     | .004532  |
| %RSD   | 3.102887 | .5665910 | .2993392 | 3.129234 | .8085840   | 1.464721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.088103 | .1710824 | 3.386519 | 7.091821 | 10.94222 | -.305629 |
| #2 | 1.123587 | .1714054 | 3.368080 | 6.913344 | 11.01600 | -.308129 |
| #3 | 1.056020 | .1729065 | 3.384513 | 7.356207 | 10.83996 | -.314424 |

Sample Name: P5207-01      Acquired: 01/09/2025 18:38:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0213591 | 8.110540 | 11.29045 | .1435565 | .7364365 | .2935122 |
| Stddev | .0016235 | .070642  | .04943   | .0009368 | .0088960 | .0023254 |
| %RSD   | 7.601187 | .8709948 | .4377621 | .6525697 | 1.207974 | .7922754 |
| #1     | .0226692 | 8.124982 | 11.29452 | .1438974 | .7265371 | .2943550 |
| #2     | .0195427 | 8.172846 | 11.23911 | .1442751 | .7390115 | .2908829 |
| #3     | .0218653 | 8.033793 | 11.33771 | .1424969 | .7437609 | .2952988 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0707106 |
| Stddev | .0067679 |
| %RSD   | 9.571260 |
| #1     | .0646325 |
| #2     | .0780037 |
| #3     | .0694955 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2357.797 | 21270.18 | 981.5665 | 1784.498 | 2217.824 |
| Stddev    | 9.029    | 225.92   | 3.4556   | 3.541    | 13.768   |
| %RSD      | .3829345 | 1.062142 | .3520468 | .1984148 | .6207721 |
| #1        | 2353.981 | 21237.52 | 979.1318 | 1780.785 | 2213.776 |
| #2        | 2351.302 | 21510.65 | 985.5215 | 1787.836 | 2206.535 |
| #3        | 2368.107 | 21062.36 | 980.0460 | 1784.872 | 2233.162 |

Sample Name: P5207-02      Acquired: 01/09/2025 18:41:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN00      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1829726 | -.026192 | 2.936552 | .0974109 | .0762689 | 73.24709 |
| Stddev | .0062885 | .004566  | .025645  | .0031626 | .0031203 | .29328   |
| %RSD   | 3.436870 | 17.43407 | .8732914 | 3.246682 | 4.091166 | .4003949 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1801291 | -.031443 | 2.917432 | .0984533 | .0749036 | 72.90853 |
| #2 | .1786079 | -.023147 | 2.926530 | .0999208 | .0798391 | 73.40963 |
| #3 | .1901806 | -.023987 | 2.965695 | .0938587 | .0740639 | 73.42311 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.941639 | .0071097 | .0297234 | 304.0687 | .1593179 | .0393504 |
| Stddev | .016654  | .0001878 | .0002345 | 1.6170   | .0014426 | .0007255 |
| %RSD   | .8577337 | 2.641132 | .7889834 | .5317964 | .9054968 | 1.843787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.930440 | .0068961 | .0294973 | 302.6475 | .1609803 | .0387733 |
| #2 | 1.933700 | .0071846 | .0297076 | 303.7306 | .1583952 | .0391130 |
| #3 | 1.960777 | .0072485 | .0299655 | 305.8281 | .1585781 | .0401649 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7271976 | 219.0165 | 6.799847 | 52.31503 | .2102602 | .0091509 |
| Stddev | .0013937 | 1.3867   | .048669  | .41821   | .0019713 | .0004578 |
| %RSD   | .1916572 | .6331272 | .7157336 | .7994048 | .9375675 | 5.002656 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7259864 | 217.7504 | 6.753389 | 51.93431 | .2093723 | .0089306 |
| #2 | .7268855 | 218.8006 | 6.795691 | 52.24812 | .2088890 | .0088449 |
| #3 | .7287209 | 220.4984 | 6.850460 | 52.76266 | .2125194 | .0096772 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.711642 | .2165480 | 4.703957 | 7.645819 | F 14.56760 | -.572606 |
| Stddev | .022711  | .0012896 | .016250  | .153585  | .15926     | .004955  |
| %RSD   | 1.326838 | .5955217 | .3454635 | 2.008748 | 1.093263   | .8652874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.687261 | .2156075 | 4.688297 | 7.474527 | 14.41140 | -.569440 |
| #2 | 1.715470 | .2180180 | 4.720740 | 7.691681 | 14.56165 | -.570063 |
| #3 | 1.732196 | .2160183 | 4.702833 | 7.771249 | 14.72976 | -.578316 |



Sample Name: P5207-02      Acquired: 01/09/2025 18:41:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN00      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0282369 | 7.703860 | 10.86786 | .1507873 | .8029096 | .2608221 |
| Stddev | .0011192 | .063154  | .02146   | .0031571 | .0129606 | .0031555 |
| %RSD   | 3.963686 | .8197687 | .1974928 | 2.093715 | 1.614198 | 1.209808 |
| #1     | .0279634 | 7.635635 | 10.84598 | .1483904 | .8157021 | .2573240 |
| #2     | .0272798 | 7.715670 | 10.86872 | .1496072 | .7897873 | .2616885 |
| #3     | .0294676 | 7.760275 | 10.88888 | .1543645 | .8032395 | .2634539 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0766530 |
| Stddev | .0017894 |
| %RSD   | 2.334454 |
| #1     | .0752852 |
| #2     | .0786782 |
| #3     | .0759957 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2426.611 | 21558.76 | 1006.133 | 1815.912 | 2248.153 |
| Stddev    | 11.062   | 61.33    | 4.678    | 8.209    | 11.969   |
| %RSD      | .4558558 | .2844867 | .4649083 | .4520367 | .5323996 |
| #1        | 2423.204 | 21487.95 | 1011.535 | 1824.927 | 2249.853 |
| #2        | 2438.976 | 21593.31 | 1003.439 | 1808.869 | 2259.181 |
| #3        | 2417.653 | 21595.02 | 1003.427 | 1813.941 | 2235.424 |

Sample Name: P5207-03      Acquired: 01/09/2025 18:45:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2136486 | -.029475 | 2.474408 | .0919564 | .0638128 | 79.06860 | 2.296849 |
| Stddev | .0048054 | .002332  | .004837  | .0034504 | .0031914 | .28628   | .002532  |
| %RSD   | 2.249214 | 7.910890 | .1955007 | 3.752208 | 5.001181 | .3620701 | .1102193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2084329 | -.026889 | 2.469241 | .0921393 | .0626348 | 78.79091 | 2.299512 |
| #2 | .2178963 | -.030122 | 2.478830 | .0953117 | .0613778 | 79.36277 | 2.296561 |
| #3 | .2146168 | -.031416 | 2.475153 | .0884182 | .0674257 | 79.05211 | 2.294474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072297 | .0173533 | 81.33975 | .1662024 | .0428739 | .5144689 | 186.3963 |
| Stddev | .0001194 | .0000754 | .20191   | .0019913 | .0001850 | .0009264 | .5073    |
| %RSD   | 1.650898 | .4343622 | .2482346 | 1.198125 | .4315358 | .1800745 | .2721626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072111 | .0172685 | 81.21165 | .1641335 | .0429432 | .5153858 | 186.2421 |
| #2 | .0073573 | .0173789 | 81.57251 | .1663678 | .0430143 | .5144877 | 186.9629 |
| #3 | .0071207 | .0174125 | 81.23510 | .1681058 | .0426643 | .5135332 | 185.9840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.619758 | 25.33663 | .1940015 | .0071916 | 1.058129 | .2500467 | 3.244710 |
| Stddev | .016635  | .20730   | .0010245 | .0007085 | .031665  | .0019108 | .011001  |
| %RSD   | .2960150 | .8181747 | .5280687 | 9.851458 | 2.992535 | .7641690 | .3390298 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.602024 | 25.13636 | .1950858 | .0073262 | 1.037580 | .2483613 | 3.232039 |
| #2 | 5.635017 | 25.55031 | .1938690 | .0078231 | 1.094594 | .2496564 | 3.250266 |
| #3 | 5.622232 | 25.32322 | .1930498 | .0064255 | 1.042213 | .2521226 | 3.251824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.539923 | 9.725943 | -.565815 | .0199293 | 3.566322 | 11.11155 | .0871354 |
| Stddev | .501969  | .019263  | .002756  | .0008145 | .006871  | .02892   | .0009280 |
| %RSD   | 6.657485 | .1980589 | .4870037 | 4.086982 | .1926680 | .2603137 | 1.065059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.406540 | 9.716638 | -.568994 | .0204689 | 3.558864 | 11.14431 | .0871029 |
| #2 | 8.095113 | 9.748092 | -.564116 | .0189924 | 3.567707 | 11.08955 | .0862240 |
| #3 | 7.118118 | 9.713099 | -.564335 | .0203266 | 3.572395 | 11.10080 | .0880792 |

Sample Name: P5207-03      Acquired: 01/09/2025 18:45:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7972065 | .0522432 | .1218048 |
| Stddev | .0037558 | .0009024 | .0050014 |
| %RSD   | .4711225 | 1.727388 | 4.106088 |
| #1     | .7953231 | .0517464 | .1202792 |
| #2     | .7947651 | .0532849 | .1177439 |
| #3     | .8015314 | .0516983 | .1273914 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2428.781 | 21812.32 | 996.3291 | 1838.128 | 2291.199 |
| Stddev    | 3.314    | 11.59    | 1.9058   | 2.642    | 2.020    |
| %RSD      | .1364430 | .0531450 | .1912819 | .1437214 | .0881534 |
| #1        | 2425.303 | 21804.82 | 994.1285 | 1838.290 | 2291.940 |
| #2        | 2429.140 | 21806.47 | 997.4298 | 1835.409 | 2288.914 |
| #3        | 2431.901 | 21825.67 | 997.4289 | 1840.686 | 2292.744 |

Sample Name: P5207-04      Acquired: 01/09/2025 18:49:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1566068 | -.038361 | 1.220675 | .0909764 | .0550563 | 98.31591 | 1.148235 |
| Stddev | .0050995 | .001244  | .009957  | .0044809 | .0044086 | .74427   | .010353  |
| %RSD   | 3.256268 | 3.244061 | .8156942 | 4.925351 | 8.007519 | .7570196 | .9016810 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1551735 | -.039243 | 1.229343 | .0866528 | .0499848 | 97.77910 | 1.136777 |
| #2 | .1622697 | -.038901 | 1.222882 | .0906767 | .0572095 | 98.00310 | 1.151008 |
| #3 | .1523773 | -.036937 | 1.209799 | .0955996 | .0579746 | 99.16553 | 1.156919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069937 | .0095129 | 53.06546 | .1249669 | .0328687 | .3059930 | 187.2421 |
| Stddev | .0001599 | .0001893 | .53864   | .0002133 | .0008189 | .0024219 | 1.3754   |
| %RSD   | 2.285730 | 1.989623 | 1.015051 | .1706533 | 2.491438 | .7914814 | .7345323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069123 | .0096567 | 52.47641 | .1247766 | .0338141 | .3033367 | 185.7125 |
| #2 | .0071779 | .0092985 | 53.18705 | .1251974 | .0323791 | .3080784 | 187.6368 |
| #3 | .0068909 | .0095834 | 53.53291 | .1249268 | .0324130 | .3065639 | 188.3769 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.566940 | 21.98584 | .1433487 | .0064724 | .7336790 | .2383017 | 1.724667 |
| Stddev | .044766  | .36791   | .0012258 | .0006583 | .0418924 | .0016567 | .006769  |
| %RSD   | .9802247 | 1.673380 | .8551108 | 10.17122 | 5.709915 | .6952183 | .3924750 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.531054 | 22.24579 | .1442752 | .0057529 | .7384005 | .2380081 | 1.731794 |
| #2 | 4.552662 | 21.56488 | .1438122 | .0070445 | .7730106 | .2400856 | 1.723883 |
| #3 | 4.617104 | 22.14686 | .1419588 | .0066199 | .6896258 | .2368115 | 1.718324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.412559 | 5.852759 | -.591521 | .0169609 | 1.929627 | 12.61241 | .0466626 |
| Stddev | .108521  | .047938  | .004258  | .0003254 | .024756  | .04812   | .0005620 |
| %RSD   | 1.464018 | .8190667 | .7198547 | 1.918247 | 1.282955 | .3815256 | 1.204311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.332387 | 5.902388 | -.594503 | .0173084 | 1.957146 | 12.57209 | .0461324 |
| #2 | 7.536048 | 5.849177 | -.593415 | .0166635 | 1.922565 | 12.66568 | .0466037 |
| #3 | 7.369241 | 5.806713 | -.586645 | .0169107 | 1.909169 | 12.59946 | .0472517 |

Sample Name: P5207-04      Acquired: 01/09/2025 18:49:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7500917 | -.043980 | .1505075 |
| Stddev | .0112405 | .000886  | .0067327 |
| %RSD   | 1.498552 | 2.014784 | 4.473315 |
| #1     | .7504343 | -.043419 | .1522721 |
| #2     | .7611569 | -.045002 | .1561821 |
| #3     | .7386837 | -.043520 | .1430682 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2370.983 | 21146.25 | 953.2623 | 1787.004 | 2325.397 |
| Stddev    | 10.989   | 42.07    | 3.0803   | 8.052    | 10.987   |
| %RSD      | .4634625 | .1989454 | .3231337 | .4506041 | .4724904 |
| #1        | 2358.557 | 21109.41 | 955.9716 | 1780.221 | 2312.740 |
| #2        | 2379.419 | 21192.09 | 949.9119 | 1784.887 | 2332.481 |
| #3        | 2374.973 | 21137.25 | 953.9034 | 1795.903 | 2330.970 |

Sample Name: P5207-05      Acquired: 01/09/2025 18:53:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1231107 | -.039397 | .6295683 | .1064166 | .0567984 | 111.1880 | .6437177 |
| Stddev | .0019734 | .001462  | .0020289 | .0067904 | .0057165 | .6422    | .0031494 |
| %RSD   | 1.602953 | 3.711945 | .3222645 | 6.380977 | 10.06448 | .5775678 | .4892503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1252297 | -.037724 | .6317964 | .1065726 | .0507076 | 111.7666 | .6425284 |
| #2 | .1213254 | -.040031 | .6290813 | .1131277 | .0576405 | 110.4971 | .6472885 |
| #3 | .1227770 | -.040435 | .6278272 | .0995495 | .0620471 | 111.3005 | .6413361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076807 | .0050137 | 47.97265 | .1386974 | .0457798 | .2362160 | 197.5581 |
| Stddev | .0000666 | .0002172 | .12500   | .0023930 | .0003745 | .0013387 | .8762    |
| %RSD   | .8665112 | 4.331639 | .2605705 | 1.725317 | .8180246 | .5667212 | .4435232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076356 | .0051971 | 47.92319 | .1384548 | .0459107 | .2357610 | 198.5176 |
| #2 | .0076492 | .0047739 | 47.87994 | .1412024 | .0453575 | .2377229 | 196.8003 |
| #3 | .0077571 | .0050701 | 48.11481 | .1364349 | .0460714 | .2351642 | 197.3563 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.721693 | 23.08575 | .1437723 | .0049534 | .7450328 | .2360052 | 1.011927 |
| Stddev | .034090  | .30108   | .0021607 | .0005244 | .0157303 | .0019569 | .023629  |
| %RSD   | .5071669 | 1.304185 | 1.502899 | 10.58746 | 2.111361 | .8291887 | 2.335005 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.749795 | 23.42313 | .1421542 | .0055474 | .7623542 | .2361304 | 1.009893 |
| #2 | 6.683771 | 22.84437 | .1462261 | .0047584 | .7316370 | .2378966 | 1.036506 |
| #3 | 6.731513 | 22.98977 | .1429365 | .0045543 | .7411072 | .2339887 | .989381  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.332246 | 2.582327 | -.648528 | .0154112 | .9876713 | 14.27392 | .0279458 |
| Stddev | .230450  | .006895  | .010996  | .0011128 | .0237646 | .06022   | .0026852 |
| %RSD   | 3.142968 | .2669928 | 1.695499 | 7.220479 | 2.406125 | .4218926 | 9.608626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.096717 | 2.576369 | -.644470 | .0142897 | .9670005 | 14.32687 | .0249463 |
| #2 | 7.342761 | 2.580733 | -.660976 | .0154287 | 1.013637 | 14.28648 | .0301256 |
| #3 | 7.557258 | 2.589879 | -.640137 | .0165151 | .982377  | 14.20841 | .0287654 |

Sample Name: P5207-05      Acquired: 01/09/2025 18:53:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6296084 | -.099319 | .0850941 |
| Stddev | .0076793 | .000355  | .0008119 |
| %RSD   | 1.219693 | .3572535 | .9541196 |
| #1     | .6207631 | -.099326 | .0852277 |
| #2     | .6345708 | -.099670 | .0842237 |
| #3     | .6334914 | -.098960 | .0858309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2348.845 | 20684.29 | 959.8966 | 1749.506 | 2305.773 |
| Stddev    | 6.326    | 282.43   | 2.3625   | 26.885   | 10.168   |
| %RSD      | .2693250 | 1.365419 | .2461242 | 1.536740 | .4409817 |
| #1        | 2354.483 | 20668.29 | 958.5574 | 1748.223 | 2316.041 |
| #2        | 2342.004 | 20410.19 | 958.5079 | 1723.286 | 2295.708 |
| #3        | 2350.048 | 20974.37 | 962.6244 | 1777.010 | 2305.571 |

Sample Name: P5207-06      Acquired: 01/09/2025 18:56:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1629701 | -.041119 | .4351241 | .1497886 | .0518080 | 91.09131 | .9668425 |
| Stddev | .0072076 | .001095  | .0019107 | .0032593 | .0051370 | .61758   | .0030755 |
| %RSD   | 4.422637 | 2.663767 | .4391041 | 2.175920 | 9.915444 | .6779842 | .3180935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1558594 | -.042380 | .4368152 | .1534465 | .0459474 | 90.58490 | .9677760 |
| #2 | .1702708 | -.040572 | .4355058 | .1471929 | .0539455 | 91.77934 | .9693431 |
| #3 | .1627800 | -.040404 | .4330515 | .1487264 | .0555312 | 90.90970 | .9634085 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088629 | .0080969 | 24.54468 | .1464508 | .0767524 | .2794523 | 241.9730 |
| Stddev | .0001749 | .0001781 | .18074   | .0007049 | .0005097 | .0003458 | 1.2093   |
| %RSD   | 1.973767 | 2.199339 | .7363646 | .4813309 | .6641031 | .1237454 | .4997614 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090590 | .0079981 | 24.50811 | .1466407 | .0768764 | .2797359 | 241.3276 |
| #2 | .0087228 | .0079901 | 24.74091 | .1456704 | .0771887 | .2790671 | 243.3681 |
| #3 | .0088071 | .0083025 | 24.38503 | .1470413 | .0761921 | .2795540 | 241.2234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.00628 | 31.69338 | .2547461 | .0065778 | .5996188 | .2161743 | .5885432 |
| Stddev | .03847   | .21664   | .0011431 | .0005905 | .0131217 | .0020913 | .0004997 |
| %RSD   | .2563625 | .6835562 | .4487326 | 8.976619 | 2.188336 | .9674229 | .0848974 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.99089 | 31.64271 | .2559215 | .0062858 | .6048952 | .2137706 | .5886717 |
| #2 | 15.05007 | 31.93086 | .2536382 | .0072574 | .6092809 | .2171752 | .5879919 |
| #3 | 14.97789 | 31.50656 | .2546786 | .0061902 | .5846803 | .2175771 | .5889661 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.50228 | 4.867758 | -.791784 | .0110047 | .8662606 | 11.57233 | .0274538 |
| Stddev | .13984   | .006227  | .007579  | .0005800 | .0093109 | .05098   | .0024032 |
| %RSD   | 1.035658 | .1279334 | .9572064 | 5.270478 | 1.074840 | .4404924 | 8.753502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.36462 | 4.865601 | -.783103 | .0115159 | .8608904 | 11.51648 | .0249314 |
| #2 | 13.49804 | 4.862896 | -.797081 | .0111238 | .8608793 | 11.61634 | .0297166 |
| #3 | 13.64420 | 4.874778 | -.795170 | .0103744 | .8770119 | 11.58418 | .0277133 |



Sample Name: P5207-06      Acquired: 01/09/2025 18:56:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9078347 | -.165783 | .0769599 |
| Stddev | .0141662 | .001206  | .0041896 |
| %RSD   | 1.560434 | .7273019 | 5.443811 |
| #1     | .8977474 | -.165357 | .0789487 |
| #2     | .9240302 | -.167144 | .0721463 |
| #3     | .9017264 | -.164848 | .0797846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3165.454 | 28361.79 | 1306.025 | 2391.551 | 2260.782 |
| Stddev    | 3.264    | 19.85    | 3.427    | 1.379    | 4.578    |
| %RSD      | .1031065 | .0699804 | .2624263 | .0576493 | .2025039 |
| #1        | 3163.120 | 28339.62 | 1309.803 | 2393.093 | 2265.763 |
| #2        | 3164.059 | 28367.86 | 1303.115 | 2391.120 | 2256.758 |
| #3        | 3169.184 | 28377.90 | 1305.158 | 2390.439 | 2259.823 |

Sample Name: P5207-07      Acquired: 01/09/2025 19:00:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0718848 | -.007692 | .1604842 | .0456014 | .0267240 | 57.46988 |
| Stddev | .0047499 | .001967  | .0022872 | .0090313 | .0033999 | .83029   |
| %RSD   | 6.607661 | 25.57762 | 1.425193 | 19.80486 | 12.72229 | 1.444736 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0664930 | -.007617 | .1620225 | .0396081 | .0243393 | 58.38622 |
| #2 | .0754513 | -.009696 | .1578559 | .0412072 | .0252156 | 57.25589 |
| #3 | .0737101 | -.005763 | .1615742 | .0559889 | .0306171 | 56.76753 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4049080 | .0045882 | .0034760 | 298.6611 | .0747650 | .0610843 |
| Stddev | .0043149 | .0002257 | .0001418 | 4.2553   | .0007693 | .0003279 |
| %RSD   | 1.065639 | 4.919763 | 4.078587 | 1.424778 | 1.028948 | .5367258 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4092509 | .0043577 | .0033124 | 303.5662 | .0738964 | .0612609 |
| #2 | .4006217 | .0048088 | .0035614 | 295.9592 | .0750384 | .0607060 |
| #3 | .4048514 | .0045981 | .0035543 | 296.4580 | .0753603 | .0612860 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2071868 | 156.0688 | 8.731136 | 36.61263 | .1495317 | .0034236 |
| Stddev | .0017948 | 2.2275   | .150571  | .26091   | .0023186 | .0009244 |
| %RSD   | .8662903 | 1.427236 | 1.724526 | .7126110 | 1.550537 | 27.00141 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2087594 | 158.6382 | 8.903820 | 36.77616 | .1468812 | .0042102 |
| #2 | .2052315 | 154.8848 | 8.627280 | 36.31174 | .1511836 | .0024054 |
| #3 | .2075694 | 154.6833 | 8.662309 | 36.75000 | .1505304 | .0036553 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8714024 | .1533335 | .3613320 | 10.61130 | F 10.30754 | -.473064 |
| Stddev | .0079467 | .0019033 | .0025947 | .15768   | .01380     | .004599  |
| %RSD   | .9119444 | 1.241303 | .7181023 | 1.485952 | .1339288   | .9722756 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8623425 | .1555257 | .3628710 | 10.79316 | 10.29161 | -.470721 |
| #2 | .8771929 | .1523725 | .3627887 | 10.51273 | 10.31504 | -.478363 |
| #3 | .8746717 | .1521023 | .3583362 | 10.52802 | 10.31599 | -.470107 |

Sample Name: P5207-07      Acquired: 01/09/2025 19:00:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064889 | .5609931 | 9.249815 | .0243708 | 1.807099 | .1543874 |
| Stddev | .0000796 | .0041818 | .073120  | .0017485 | .025491  | .0027111 |
| %RSD   | 1.226501 | .7454282 | .7905061 | 7.174635 | 1.410607 | 1.756018 |
| #1     | .0064083 | .5585372 | 9.329777 | .0248626 | 1.836284 | .1575049 |
| #2     | .0065674 | .5658216 | 9.186359 | .0258207 | 1.789196 | .1525821 |
| #3     | .0064911 | .5586206 | 9.233308 | .0224290 | 1.795816 | .1530752 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0847634 |
| Stddev | .0058231 |
| %RSD   | 6.869852 |
| #1     | .0847103 |
| #2     | .0789670 |
| #3     | .0906129 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2713.743 | 24476.37 | 1127.094 | 2051.072 | 2122.675 |
| Stddev    | 5.872    | 116.07   | 13.450   | 25.007   | 6.488    |
| %RSD      | .2163817 | .4741989 | 1.193325 | 1.219200 | .3056553 |
| #1        | 2720.306 | 24367.54 | 1111.565 | 2030.222 | 2130.094 |
| #2        | 2711.937 | 24463.05 | 1134.641 | 2044.198 | 2119.868 |
| #3        | 2708.987 | 24598.53 | 1135.076 | 2078.797 | 2118.063 |

Sample Name: P5207-08      Acquired: 01/09/2025 19:04:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1785472 | -.018542 | 1.020627 | .0597121 | .0271415 | 56.80378 |
| Stddev | .0023314 | .003716  | .003326  | .0031329 | .0054605 | .52824   |
| %RSD   | 1.305761 | 20.04196 | .3258929 | 5.246629 | 20.11849 | .9299413 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1800490 | -.022804 | 1.017319 | .0622063 | .0307476 | 57.39588 |
| #2 | .1758614 | -.016839 | 1.023971 | .0561958 | .0208592 | 56.38081 |
| #3 | .1797313 | -.015982 | 1.020590 | .0607342 | .0298177 | 56.63466 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9283558 | .0049208 | .0056892 | 56.75103 | .1420098 | .0438378 |
| Stddev | .0126311 | .0004226 | .0000539 | .48432   | .0008028 | .0008285 |
| %RSD   | 1.360586 | 8.587550 | .9469775 | .8534182 | .5652938 | 1.889992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9426247 | .0052568 | .0056271 | 57.25720 | .1417666 | .0429483 |
| #2 | .9186056 | .0044464 | .0057167 | 56.29200 | .1429060 | .0445875 |
| #3 | .9238370 | .0050592 | .0057238 | 56.70389 | .1413567 | .0439775 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3330843 | 130.4855 | 8.328346 | 20.77436 | .1736302 | .0046017 |
| Stddev | .0054431 | .9035    | .085270  | .38857   | .0015154 | .0011881 |
| %RSD   | 1.634157 | .6924495 | 1.023856 | 1.870424 | .8727681 | 25.81802 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3378283 | 131.5090 | 8.424076 | 21.20926 | .1722538 | .0058257 |
| #2 | .3271418 | 129.7983 | 8.260534 | 20.65245 | .1733827 | .0034532 |
| #3 | .3342828 | 130.1493 | 8.300429 | 20.46136 | .1752541 | .0045261 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4919907 | .1456661 | 1.110069 | 7.921922 | F 12.41742 | -.404726 |
| Stddev | .0377607 | .0014421 | .005476  | .357998  | .04324     | .011437  |
| %RSD   | 7.675088 | .9900042 | .4932890 | 4.519083 | .3482200   | 2.825819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5215124 | .1468726 | 1.116294 | 7.876443 | 12.37095 | -.415694 |
| #2 | .5050189 | .1440689 | 1.105998 | 7.588836 | 12.42485 | -.392872 |
| #3 | .4494410 | .1460568 | 1.107914 | 8.300486 | 12.45647 | -.405612 |

Sample Name: P5207-08      Acquired: 01/09/2025 19:04:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135636 | 4.010809 | 9.435880 | .0513857 | .8279224 | .0101796 |
| Stddev | .0006224 | .019389  | .158205  | .0022376 | .0091614 | .0011397 |
| %RSD   | 4.588651 | .4834191 | 1.676633 | 4.354456 | 1.106559 | 11.19608 |
| #1     | .0140939 | 3.989516 | 9.575942 | .0539476 | .8372917 | .0108168 |
| #2     | .0137184 | 4.027446 | 9.264282 | .0498145 | .8274916 | .0088638 |
| #3     | .0128784 | 4.015465 | 9.467415 | .0503949 | .8189840 | .0108581 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0385770 |
| Stddev | .0039503 |
| %RSD   | 10.24009 |
| #1     | .0411457 |
| #2     | .0340283 |
| #3     | .0405571 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2512.307 | 22620.07 | 1031.185 | 1886.955 | 2338.686 |
| Stddev    | 5.229    | 191.58   | 12.087   | 15.185   | 4.585    |
| %RSD      | .2081439 | .8469571 | 1.172164 | .8047508 | .1960432 |
| #1        | 2512.538 | 22590.95 | 1018.071 | 1881.253 | 2341.227 |
| #2        | 2506.966 | 22444.72 | 1041.880 | 1875.447 | 2333.393 |
| #3        | 2517.417 | 22824.55 | 1033.603 | 1904.166 | 2341.437 |

Sample Name: P5207-09      Acquired: 01/09/2025 19:08:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4233787 | -.042051 | 1.661021 | .1250608 | .0584672 | 69.27814 |
| Stddev | .0076419 | .000649  | .001707  | .0023644 | .0015557 | .45150   |
| %RSD   | 1.804990 | 1.543530 | .1027834 | 1.890604 | 2.660793 | .6517159 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4145564 | -.041678 | 1.659422 | .1263358 | .0602484 | 69.07687 |
| #2 | .4276335 | -.042801 | 1.660822 | .1223326 | .0573746 | 68.96228 |
| #3 | .4279462 | -.041675 | 1.662819 | .1265141 | .0577787 | 69.79527 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.309813 | .0074261 | .0078380 | 50.76043 | .1433319 | .0331976 |
| Stddev | .008931  | .0001692 | .0001044 | .40355   | .0013894 | .0009050 |
| %RSD   | .6818290 | 2.278331 | 1.332020 | .7950130 | .9693836 | 2.726151 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.301444 | .0074570 | .0078403 | 50.36340 | .1433263 | .0324656 |
| #2 | 1.308779 | .0075777 | .0077324 | 50.74769 | .1447241 | .0342095 |
| #3 | 1.319216 | .0072436 | .0079412 | 51.17020 | .1419453 | .0329177 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5129157 | 232.0619 | 11.35430 | 21.74903 | .2158714 | .0081176 |
| Stddev | .0073315 | 1.3868   | .06201   | .25834   | .0008071 | .0013660 |
| %RSD   | 1.429371 | .5975970 | .5460959 | 1.187844 | .3738781 | 16.82711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5101191 | 230.8518 | 11.30764 | 21.45617 | .2155961 | .0068254 |
| #2 | .5073941 | 231.7588 | 11.33061 | 21.84631 | .2152380 | .0079803 |
| #3 | .5212338 | 233.5752 | 11.42466 | 21.94461 | .2167802 | .0095470 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7952124 | .1937758 | 1.434549 | 9.287652 | F 16.70269 | -.755748 |
| Stddev | .0176358 | .0032214 | .007312  | .236205  | .06666     | .018874  |
| %RSD   | 2.217751 | 1.662422 | .5096961 | 2.543221 | .3991257   | 2.497414 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7749605 | .1916457 | 1.426601 | 9.399700 | 16.63510 | -.750643 |
| #2 | .8071869 | .1922001 | 1.436056 | 9.016275 | 16.70460 | -.739951 |
| #3 | .8034898 | .1974818 | 1.440989 | 9.446982 | 16.76838 | -.776649 |

Sample Name: P5207-09      Acquired: 01/09/2025 19:08:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133621 | 2.894987 | 7.972686 | .0904736 | .8713592 | -.079175 |
| Stddev | .0012431 | .003683  | .121146  | .0019703 | .0033627 | .000368  |
| %RSD   | 9.303313 | .1272342 | 1.519511 | 2.177787 | .3859199 | .4649591 |
| #1     | .0119944 | 2.892933 | 7.914071 | .0891814 | .8718451 | -.078753 |
| #2     | .0144232 | 2.892789 | 7.891996 | .0894980 | .8744525 | -.079345 |
| #3     | .0136687 | 2.899240 | 8.111991 | .0927414 | .8677799 | -.079427 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0515089 |
| Stddev | .0066003 |
| %RSD   | 12.81391 |
| #1     | .0446103 |
| #2     | .0577637 |
| #3     | .0521528 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2617.900 | 23765.97 | 1083.611 | 1981.086 | 2306.951 |
| Stddev    | 7.220    | 199.59   | 10.801   | 8.857    | 1.933    |
| %RSD      | .2758055 | .8398306 | .9967467 | .4470655 | .0837716 |
| #1        | 2613.522 | 23639.51 | 1087.229 | 1975.953 | 2305.132 |
| #2        | 2626.234 | 23662.33 | 1092.138 | 1975.991 | 2308.980 |
| #3        | 2613.944 | 23996.06 | 1071.465 | 1991.313 | 2306.743 |

Sample Name: P5207-10      Acquired: 01/09/2025 19:11:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4415159 | -.021567 | 1.414340 | .0946349 | .0395428 | 70.56016 |
| Stddev | .0058480 | .002439  | .003482  | .0037327 | .0050454 | .08987   |
| %RSD   | 1.324534 | 11.31068 | .2462116 | 3.944267 | 12.75949 | .1273619 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4384097 | -.024126 | 1.418331 | .0927840 | .0442315 | 70.50714 |
| #2 | .4482616 | -.019269 | 1.411920 | .0921894 | .0401931 | 70.50942 |
| #3 | .4378764 | -.021306 | 1.412770 | .0989313 | .0342037 | 70.66392 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.351464 | .0067766 | .0070256 | 52.66259 | .1243460 | .0598582 |
| Stddev | .005560  | .0001437 | .0001351 | .20493   | .0015086 | .0007390 |
| %RSD   | .4114314 | 2.119809 | 1.923232 | .3891381 | 1.213200 | 1.234516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.347465 | .0066107 | .0071795 | 52.68663 | .1255046 | .0603334 |
| #2 | 1.357814 | .0068599 | .0069710 | 52.85445 | .1248932 | .0602343 |
| #3 | 1.349113 | .0068591 | .0069263 | 52.44671 | .1226402 | .0590068 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4602235 | 173.4303 | 12.57663 | 22.78592 | .1793769 | .0076405 |
| Stddev | .0019601 | .5675    | .06501   | .09190   | .0014470 | .0008017 |
| %RSD   | .4258968 | .3272298 | .5168878 | .4033166 | .8066752 | 10.49247 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4605198 | 172.7843 | 12.51313 | 22.71209 | .1800885 | .0068225 |
| #2 | .4581321 | 173.6582 | 12.64304 | 22.75682 | .1777119 | .0084248 |
| #3 | .4620185 | 173.8485 | 12.57371 | 22.88885 | .1803302 | .0076741 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6476420 | .1802083 | 1.456556 | 8.653630 | F 14.59859 | -.547029 |
| Stddev | .0097526 | .0007697 | .009149  | .273682  | .06644     | .000937  |
| %RSD   | 1.505857 | .4270963 | .6281359 | 3.162630 | .4550893   | .1713725 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6363965 | .1798161 | 1.458461 | 8.716335 | 14.67506 | -.546943 |
| #2 | .6527484 | .1797137 | 1.464603 | 8.890518 | 14.55507 | -.546137 |
| #3 | .6537810 | .1810950 | 1.446604 | 8.354037 | 14.56563 | -.548006 |



Sample Name: P5207-10      Acquired: 01/09/2025 19:11:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113692 | 2.925436 | 8.255123 | .0637123 | .8846146 | .0027339 |
| Stddev | .0007627 | .020649  | .041973  | .0005917 | .0103168 | .0003738 |
| %RSD   | 6.707997 | .7058273 | .5084536 | .9287739 | 1.166249 | 13.67135 |
| #1     | .0122442 | 2.947892 | 8.233273 | .0642223 | .8736540 | .0027543 |
| #2     | .0108450 | 2.907268 | 8.228581 | .0638511 | .8941367 | .0030971 |
| #3     | .0110186 | 2.921147 | 8.303514 | .0630635 | .8860531 | .0023504 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0470021 |
| Stddev | .0094365 |
| %RSD   | 20.07682 |
| #1     | .0370050 |
| #2     | .0482466 |
| #3     | .0557546 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2658.971 | 24292.11 | 1105.611 | 2008.514 | 2302.936 |
| Stddev    | 11.854   | 137.50   | 1.683    | 17.458   | 14.154   |
| %RSD      | .4458226 | .5660180 | .1522648 | .8692191 | .6146084 |
| #1        | 2648.815 | 24187.78 | 1105.936 | 1998.402 | 2288.974 |
| #2        | 2671.997 | 24240.62 | 1107.108 | 1998.467 | 2317.274 |
| #3        | 2656.102 | 24447.92 | 1103.789 | 2028.673 | 2302.560 |

Sample Name: P5207-11      Acquired: 01/09/2025 19:15:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN37      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4814372 | -.025854 | .6861354 | .1182516 | .0482665 | 81.83732 |
| Stddev | .0061090 | .001321  | .0018519 | .0051456 | .0072666 | .41908   |
| %RSD   | 1.268909 | 5.108905 | .2699079 | 4.351417 | 15.05506 | .5120919 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4797531 | -.025091 | .6840166 | .1241555 | .0451803 | 81.38834 |
| #2 | .4763469 | -.027379 | .6869443 | .1158787 | .0430524 | 81.90546 |
| #3 | .4882116 | -.025092 | .6874452 | .1147206 | .0565667 | 82.21815 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.113453 | .0070480 | .0063434 | 49.53931 | .1191507 | .0752749 |
| Stddev | .009175  | .0003540 | .0001064 | .28876   | .0006669 | .0017526 |
| %RSD   | .8240583 | 5.022244 | 1.677726 | .5828814 | .5597023 | 2.328286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.112242 | .0072349 | .0062666 | 49.57008 | .1195733 | .0771955 |
| #2 | 1.104943 | .0072693 | .0062986 | 49.23640 | .1183819 | .0748670 |
| #3 | 1.123174 | .0066397 | .0064649 | 49.81145 | .1194969 | .0737623 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4328608 | 204.1691 | 16.05915 | 29.17096 | .2055590 | .0075872 |
| Stddev | .0018390 | 1.7658   | .11735   | .09714   | .0000620 | .0006547 |
| %RSD   | .4248392 | .8648847 | .7307345 | .3329877 | .0301584 | 8.629198 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4349842 | 202.5566 | 15.95588 | 29.06039 | .2056302 | .0068327 |
| #2 | .4317937 | 203.8945 | 16.03480 | 29.20998 | .2055294 | .0080052 |
| #3 | .4318044 | 206.0561 | 16.18676 | 29.24253 | .2055173 | .0079237 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6122533 | .2015067 | .8166129 | 7.879487 | F 12.59760 | -.643384 |
| Stddev | .0053868 | .0006090 | .0070160 | .451739  | .01893     | .003374  |
| %RSD   | .8798303 | .3022214 | .8591636 | 5.733100 | .1502622   | .5244902 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6183452 | .2015927 | .8211139 | 7.550788 | 12.60956 | -.647000 |
| #2 | .6102952 | .2020681 | .8201961 | 7.693071 | 12.57578 | -.640319 |
| #3 | .6081194 | .2008593 | .8085289 | 8.394601 | 12.60747 | -.642833 |

Sample Name: P5207-11      Acquired: 01/09/2025 19:15:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN37      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123288 | 2.051642 | 3.276838 | .0376073 | .9870498 | -.055157 |
| Stddev | .0005871 | .004779  | .008417  | .0002087 | .0090706 | .001205  |
| %RSD   | 4.761712 | .2329297 | .2568764 | .5550166 | .9189566 | 2.185545 |
| #1     | .0124977 | 2.051982 | 3.285612 | .0373664 | .9925733 | -.054029 |
| #2     | .0128130 | 2.046702 | 3.276073 | .0377214 | .9765814 | -.055016 |
| #3     | .0116758 | 2.056242 | 3.268829 | .0377340 | .9919948 | -.056427 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0861560 |
| Stddev | .0041032 |
| %RSD   | 4.762547 |
| #1     | .0906536 |
| #2     | .0826167 |
| #3     | .0851978 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2790.543 | 25630.77 | 1153.339 | 2088.863 | 2269.503 |
| Stddev    | 2.768    | 111.31   | 5.040    | 5.907    | 6.344    |
| %RSD      | .0991803 | .4342907 | .4370193 | .2827974 | .2795261 |
| #1        | 2793.265 | 25600.16 | 1149.120 | 2085.021 | 2263.837 |
| #2        | 2790.632 | 25754.18 | 1158.920 | 2085.903 | 2276.357 |
| #3        | 2787.732 | 25537.97 | 1151.977 | 2095.665 | 2268.314 |

Sample Name: P5207-12      Acquired: 01/09/2025 19:19:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1406686 | .0206650 | .2454312 | .0209034 | .0129559 | 45.87882 |
| Stddev | .0069584 | .0041923 | .0035025 | .0089207 | .0028050 | .22785   |
| %RSD   | 4.946685 | 20.28681 | 1.427070 | 42.67567 | 21.65001 | .4966279 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1424038 | .0202947 | .2432381 | .0157239 | .0158903 | 46.12264 |
| #2 | .1465952 | .0166702 | .2435850 | .0157823 | .0103013 | 45.67130 |
| #3 | .1330067 | .0250301 | .2494706 | .0312041 | .0126761 | 45.84252 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5011927 | .0043524 | .0030562 | F 917.2602 | .0727177 | .0914097 |
| Stddev | .0016117 | .0002536 | .0001065 | 4.2426     | .0011571 | .0010587 |
| %RSD   | .3215747 | 5.825588 | 3.485360 | .4625330   | 1.591197 | 1.158157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5029132 | .0045304 | .0031791 | 922.1500 | .0739751 | .0905213 |
| #2 | .4997180 | .0044648 | .0029913 | 915.0748 | .0716978 | .0911267 |
| #3 | .5009471 | .0040621 | .0029981 | 914.5557 | .0724801 | .0925811 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2897530 | 131.7220 | 10.40106 | 201.8319 | .1279746 | .0044715 |
| Stddev | .0034707 | .8223    | .05058   | .9351    | .0010294 | .0015558 |
| %RSD   | 1.197831 | .6242316 | .4863216 | .4632850 | .8044003 | 34.79347 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2924317 | 132.5920 | 10.45927 | 202.8449 | .1270786 | .0041419 |
| #2 | .2909951 | 131.6164 | 10.37618 | 201.0018 | .1290991 | .0061657 |
| #3 | .2858321 | 130.9577 | 10.36774 | 201.6492 | .1277462 | .0031070 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.223301 | .1190504 | .4004979 | 5.675985 | 8.185608 | -.345264 |
| Stddev | .016372  | .0013383 | .0020652 | .142976  | .021490  | .002883  |
| %RSD   | 1.338339 | 1.124168 | .5156682 | 2.518964 | .2625309 | .8348731 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.223544 | .1204356 | .3981180 | 5.725635 | 8.168767 | -.348575 |
| #2 | 1.239550 | .1189510 | .4018192 | 5.514803 | 8.209811 | -.343900 |
| #3 | 1.206809 | .1177645 | .4015566 | 5.787517 | 8.178246 | -.343317 |

Sample Name: P5207-12      Acquired: 01/09/2025 19:19:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079045 | 1.555761 | 5.511948 | .0237322 | .6128992 | .5836543 |
| Stddev | .0009068 | .004360  | .060105  | .0007931 | .0043952 | .0019424 |
| %RSD   | 11.47194 | .2802685 | 1.090448 | 3.342062 | .7171182 | .3327994 |
| #1     | .0086031 | 1.550757 | 5.567692 | .0231881 | .6131134 | .5854694 |
| #2     | .0082305 | 1.558743 | 5.519881 | .0233663 | .6171834 | .5816057 |
| #3     | .0068797 | 1.557784 | 5.448270 | .0246423 | .6084008 | .5838878 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0496698 |
| Stddev | .0103886 |
| %RSD   | 20.91521 |
| #1     | .0411547 |
| #2     | .0466102 |
| #3     | .0612446 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2319.033 | 21083.91 | 989.2116 | 1740.515 | 1912.201 |
| Stddev    | .971     | 50.07    | 8.2472   | 3.178    | 1.499    |
| %RSD      | .0418547 | .2375008 | .8337141 | .1825789 | .0783844 |
| #1        | 2319.948 | 21064.81 | 981.2408 | 1743.232 | 1913.830 |
| #2        | 2318.015 | 21140.72 | 988.6840 | 1741.292 | 1911.893 |
| #3        | 2319.135 | 21046.20 | 997.7099 | 1737.021 | 1910.881 |

Sample Name: P5207-16      Acquired: 01/09/2025 19:23:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1792916 | -.029645 | 3.201442 | .0966751 | .0471356 | 80.53240 |
| Stddev | .0027028 | .001889  | .004783  | .0049596 | .0056773 | .40276   |
| %RSD   | 1.507512 | 6.373761 | .1494018 | 5.130212 | 12.04468 | .5001259 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1820040 | -.027465 | 3.206817 | .1021716 | .0442726 | 80.95173 |
| #2 | .1792724 | -.030655 | 3.197654 | .0953193 | .0536744 | 80.49690 |
| #3 | .1765984 | -.030814 | 3.199854 | .0925343 | .0434597 | 80.14855 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.339765 | .0083939 | .0097594 | 61.74566 | .1936916 | .0391587 |
| Stddev | .005752  | .0002988 | .0000777 | .38379   | .0008532 | .0010557 |
| %RSD   | .1722222 | 3.559844 | .7959942 | .6215651 | .4405047 | 2.695829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.345677 | .0084698 | .0097636 | 62.18749 | .1941129 | .0395081 |
| #2 | 3.339430 | .0080644 | .0096797 | 61.49497 | .1927097 | .0379726 |
| #3 | 3.334188 | .0086473 | .0098349 | 61.55453 | .1942522 | .0399953 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5580754 | 178.3275 | 5.622868 | 22.12057 | .2289233 | .0079943 |
| Stddev | .0032189 | .7308    | .029230  | .25678   | .0009039 | .0010178 |
| %RSD   | .5767817 | .4098235 | .5198391 | 1.160822 | .3948625 | 12.73133 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5611077 | 178.7517 | 5.649627 | 21.85627 | .2288028 | .0081416 |
| #2 | .5584208 | 178.7472 | 5.627301 | 22.36910 | .2298814 | .0089303 |
| #3 | .5546978 | 177.4836 | 5.591674 | 22.13633 | .2280857 | .0069108 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8940092 | .2341207 | 3.802275 | 15.35159 | F 18.23518 | -.532746 |
| Stddev | .0079669 | .0022662 | .017488  | .19055   | .04028     | .004754  |
| %RSD   | .8911467 | .9679465 | .4599397 | 1.241261 | .2208809   | .8922999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9006821 | .2351358 | 3.785621 | 15.15908 | 18.18991 | -.535965 |
| #2 | .8961569 | .2357019 | 3.820492 | 15.35557 | 18.26707 | -.534986 |
| #3 | .8851885 | .2315245 | 3.800711 | 15.54013 | 18.24854 | -.527286 |

Sample Name: P5207-16      Acquired: 01/09/2025 19:23:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136593 | 4.673786 | 12.84249 | .2419581 | .9185171 | .0499764 |
| Stddev | .0005994 | .012316  | .08372   | .0012216 | .0018341 | .0003118 |
| %RSD   | 4.388244 | .2635093 | .6518919 | .5048742 | .1996816 | .6239398 |
| #1     | .0138621 | 4.663723 | 12.91810 | .2421439 | .9187564 | .0502679 |
| #2     | .0141310 | 4.670115 | 12.85686 | .2430761 | .9202198 | .0496476 |
| #3     | .0129848 | 4.687520 | 12.75252 | .2406543 | .9165751 | .0500135 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0885283 |
| Stddev | .0079039 |
| %RSD   | 8.928064 |
| #1     | .0941998 |
| #2     | .0918849 |
| #3     | .0795001 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2682.516 | 24592.86 | 1094.630 | 2001.637 | 2308.503 |
| Stddev    | 1.853    | 95.20    | 4.862    | 11.679   | 4.275    |
| %RSD      | .0690718 | .3870884 | .4441336 | .5834972 | .1851815 |
| #1        | 2684.649 | 24553.89 | 1089.270 | 2010.743 | 2313.087 |
| #2        | 2681.304 | 24701.35 | 1098.755 | 2005.700 | 2307.797 |
| #3        | 2681.596 | 24523.32 | 1095.865 | 1988.469 | 2304.626 |

Sample Name: P5207-17      Acquired: 01/09/2025 19:27:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN55      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1938625 | -.035253 | 3.127937 | .1004512 | .0474556 | 81.36863 |
| Stddev | .0062722 | .001018  | .013484  | .0063108 | .0034264 | .18906   |
| %RSD   | 3.235405 | 2.886473 | .4310874 | 6.282463 | 7.220240 | .2323552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1984669 | -.034089 | 3.123077 | .0944726 | .0502806 | 81.57831 |
| #2 | .1867187 | -.035976 | 3.117558 | .0998324 | .0436442 | 81.21115 |
| #3 | .1964018 | -.035693 | 3.143178 | .1070486 | .0484422 | 81.31644 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.269938 | .0086332 | .0096058 | 41.91562 | .1686885 | .0326496 |
| Stddev | .009899  | .0001511 | .0000406 | .09274   | .0004341 | .0012248 |
| %RSD   | .3027226 | 1.750048 | .4228166 | .2212442 | .2573577 | 3.751422 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.261422 | .0087149 | .0096208 | 41.83368 | .1688477 | .0312374 |
| #2 | 3.267592 | .0087259 | .0096368 | 41.89687 | .1681972 | .0334221 |
| #3 | 3.280799 | .0084589 | .0095598 | 42.01629 | .1690206 | .0332894 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6550757 | 181.9180 | 6.048785 | 20.21655 | .2118990 | .0077259 |
| Stddev | .0032935 | .7191    | .026334  | .09997   | .0018290 | .0006791 |
| %RSD   | .5027716 | .3953045 | .4353537 | .4944947 | .8631465 | 8.789607 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6584598 | 182.2365 | 6.045330 | 20.32396 | .2137575 | .0084899 |
| #2 | .6518809 | 181.0946 | 6.024350 | 20.19947 | .2101010 | .0074967 |
| #3 | .6548865 | 182.4229 | 6.076676 | 20.12622 | .2118385 | .0071911 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7691142 | .2524099 | 4.107951 | 12.35695 | F 11.76422 | -.562806 |
| Stddev | .0417267 | .0013215 | .010479  | .28211   | .02756     | .010154  |
| %RSD   | 5.425296 | .5235397 | .2550802 | 2.282976 | .2342850   | 1.804093 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8172956 | .2530879 | 4.096456 | 12.09307 | 11.73486 | -.567468 |
| #2 | .7452142 | .2508870 | 4.110431 | 12.32349 | 11.76827 | -.551159 |
| #3 | .7448328 | .2532547 | 4.116968 | 12.65430 | 11.78953 | -.569791 |



Sample Name: P5207-17      Acquired: 01/09/2025 19:27:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN55      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113961 | 3.658706 | 12.53772 | .2756492 | .9269931 | .0299917 |
| Stddev | .0015719 | .010752  | .06040   | .0014046 | .0011024 | .0002450 |
| %RSD   | 13.79363 | .2938865 | .4817622 | .5095645 | .1189175 | .8169753 |
| #1     | .0109517 | 3.650125 | 12.59624 | .2755392 | .9258397 | .0302697 |
| #2     | .0100943 | 3.670768 | 12.47560 | .2743028 | .9280361 | .0298986 |
| #3     | .0131425 | 3.655226 | 12.54132 | .2771056 | .9271034 | .0298069 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1021721 |
| Stddev | .0050505 |
| %RSD   | 4.943165 |
| #1     | .0964931 |
| #2     | .1038625 |
| #3     | .1061605 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2650.004 | 24283.75 | 1090.384 | 1992.228 | 2317.966 |
| Stddev    | 12.576   | 90.14    | 5.491    | 7.003    | 8.585    |
| %RSD      | .4745761 | .3711937 | .5035629 | .3515223 | .3703875 |
| #1        | 2650.625 | 24217.46 | 1084.194 | 1999.236 | 2320.413 |
| #2        | 2637.129 | 24247.40 | 1094.665 | 1985.230 | 2308.423 |
| #3        | 2662.259 | 24386.39 | 1092.294 | 1992.217 | 2325.063 |

Sample Name: P5207-18      Acquired: 01/09/2025 19:30:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN56      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1682715 | -.036630 | 2.088077 | .1023267 | .0405873 | 74.72197 | 2.399941 |
| Stddev | .0038944 | .002730  | .005866  | .0017199 | .0023324 | .32102   | .005533  |
| %RSD   | 2.314332 | 7.452750 | .2809077 | 1.680812 | 5.746679 | .4296250 | .2305364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1652094 | -.038414 | 2.081475 | .1035982 | .0408032 | 75.00460 | 2.396338 |
| #2 | .1726546 | -.033487 | 2.090072 | .1030120 | .0381545 | 74.78837 | 2.406311 |
| #3 | .1669506 | -.037990 | 2.092685 | .1003697 | .0428043 | 74.37293 | 2.397173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075217 | .0062315 | 34.64894 | .1343117 | .0291986 | .5221562 | 176.8526 |
| Stddev | .0000537 | .0001913 | .08830   | .0002945 | .0002800 | .0040423 | 1.0608   |
| %RSD   | .7138371 | 3.069243 | .2548304 | .2192751 | .9588323 | .7741636 | .5998397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075817 | .0060119 | 34.61044 | .1341154 | .0289697 | .5254712 | 177.6126 |
| #2 | .0075053 | .0063609 | 34.74995 | .1341694 | .0295107 | .5233444 | 177.3046 |
| #3 | .0074781 | .0063218 | 34.58643 | .1346504 | .0291152 | .5176529 | 175.6407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.805457 | 19.42776 | .1644058 | .0057245 | .6435783 | .2129337 | 2.149115 |
| Stddev | .017322  | .23227   | .0003158 | .0003017 | .0256694 | .0017335 | .007927  |
| %RSD   | .2983664 | 1.195536 | .1921050 | 5.270194 | 3.988541 | .8141280 | .3688301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.818497 | 19.68420 | .1644787 | .0056335 | .6609397 | .2149230 | 2.153073 |
| #2 | 5.812072 | 19.36757 | .1640599 | .0054788 | .6140925 | .2117455 | 2.154284 |
| #3 | 5.785803 | 19.23152 | .1646788 | .0060612 | .6557028 | .2121328 | 2.139989 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.221102 | 8.542832 | -.565601 | .0094577 | 2.766296 | 12.49869 | .1602284 |
| Stddev | .044295  | .017370  | .003483  | .0007547 | .009541  | .08440   | .0026088 |
| %RSD   | .5387968 | .2033277 | .6157940 | 7.980164 | .3449140 | .6752509 | 1.628156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.203767 | 8.522822 | -.567519 | .0092755 | 2.757254 | 12.58039 | .1608075 |
| #2 | 8.271443 | 8.551652 | -.567704 | .0088107 | 2.765364 | 12.50385 | .1573788 |
| #3 | 8.188097 | 8.554022 | -.561581 | .0102869 | 2.776269 | 12.41183 | .1624990 |

Sample Name: P5207-18      Acquired: 01/09/2025 19:30:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN56      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7498887 | -.007503 | .0880067 |
| Stddev | .0064600 | .000959  | .0085742 |
| %RSD   | .8614639 | 12.78014 | 9.742640 |
| #1     | .7573435 | -.006972 | .0927341 |
| #2     | .7459359 | -.008610 | .0931766 |
| #3     | .7463866 | -.006927 | .0781094 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2661.459 | 24082.79 | 1087.408 | 2001.189 | 2347.203 |
| Stddev    | 11.452   | 51.68    | 7.779    | 6.620    | 8.695    |
| %RSD      | .4302914 | .2145993 | .7154148 | .3308229 | .3704592 |
| #1        | 2674.222 | 24028.89 | 1078.795 | 1993.709 | 2356.652 |
| #2        | 2658.073 | 24131.93 | 1089.506 | 2003.561 | 2345.421 |
| #3        | 2652.081 | 24087.54 | 1093.923 | 2006.296 | 2339.537 |

Sample Name: P5207-19      Acquired: 01/09/2025 19:34:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN57      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1324706 | -.030593 | .5510049 | .0993973 | .0371083 | 68.51578 | 1.288396 |
| Stddev | .0044741 | .002083  | .0016266 | .0030050 | .0009822 | .16723   | .010097  |
| %RSD   | 3.377434 | 6.808501 | .2952018 | 3.023187 | 2.646742 | .2440778 | .7837104 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1334156 | -.028362 | .5503610 | .0981351 | .0382369 | 68.68311 | 1.295050 |
| #2 | .1363967 | -.030930 | .5528548 | .0972294 | .0364478 | 68.34865 | 1.293361 |
| #3 | .1275995 | -.032486 | .5497988 | .1028276 | .0366401 | 68.51559 | 1.276778 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065666 | .0037405 | 28.55270 | .1115856 | .0264757 | .2525707 | 176.8438 |
| Stddev | .0003869 | .0001517 | .12413   | .0012813 | .0007923 | .0039973 | .3835    |
| %RSD   | 5.891656 | 4.054807 | .4347488 | 1.148282 | 2.992415 | 1.582631 | .2168714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069280 | .0037082 | 28.57340 | .1101685 | .0267567 | .2552411 | 177.0591 |
| #2 | .0066132 | .0036076 | 28.66518 | .1126624 | .0255812 | .2544957 | 177.0713 |
| #3 | .0061585 | .0039057 | 28.41952 | .1119260 | .0270892 | .2479751 | 176.4010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.658558 | 22.49625 | .1437702 | .0045901 | .5559563 | .1811303 | .7736389 |
| Stddev | .023116  | .08469   | .0019796 | .0009276 | .0038699 | .0007145 | .0025403 |
| %RSD   | .2669770 | .3764819 | 1.376881 | 20.20844 | .6960848 | .3944868 | .3283632 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.680923 | 22.57723 | .1428032 | .0035280 | .5536843 | .1808374 | .7729525 |
| #2 | 8.634757 | 22.50323 | .1460474 | .0050010 | .5537599 | .1819447 | .7715123 |
| #3 | 8.659994 | 22.40828 | .1424601 | .0052412 | .5604247 | .1806087 | .7764520 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.848176 | 6.028739 | -.569882 | .0082756 | 1.455244 | 11.25375 | .0485498 |
| Stddev | .098700  | .017794  | .009662  | .0011541 | .003847  | .10053   | .0014686 |
| %RSD   | 1.687709 | .2951587 | 1.695464 | 13.94564 | .2643498 | .8932661 | 3.024955 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.740694 | 6.015377 | -.566822 | .0092727 | 1.459633 | 11.26743 | .0472597 |
| #2 | 5.869092 | 6.021903 | -.580704 | .0085428 | 1.452457 | 11.34674 | .0482417 |
| #3 | 5.934741 | 6.048938 | -.562120 | .0070114 | 1.453642 | 11.14709 | .0501480 |

Sample Name: P5207-19      Acquired: 01/09/2025 19:34:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN57      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5959506 | -.066555 | .0644045 |
| Stddev | .0146733 | .000134  | .0087279 |
| %RSD   | 2.462158 | .2009947 | 13.55167 |
| #1     | .6119662 | -.066677 | .0544918 |
| #2     | .5927315 | -.066576 | .0709356 |
| #3     | .5831542 | -.066412 | .0677860 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2723.455 | 24834.66 | 1117.615 | 2036.602 | 2352.344 |
| Stddev    | 7.166    | 24.34    | 8.106    | 8.038    | 4.839    |
| %RSD      | .2631075 | .0980157 | .7252914 | .3946526 | .2057263 |
| #1        | 2719.427 | 24811.76 | 1114.503 | 2035.081 | 2354.016 |
| #2        | 2731.728 | 24860.22 | 1111.526 | 2045.291 | 2356.126 |
| #3        | 2719.210 | 24832.00 | 1126.816 | 2029.434 | 2346.890 |

Sample Name: CCV140      Acquired: 01/09/2025 19:38:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV140      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.990227 | 4.766833 | 24.35267 | 4.975227 | 4.934145 | 393.6037   |
| Stddev | .018652  | .048255  | .25349   | .039214  | .063596  | 2.3102     |
| %RSD   | .3737672 | 1.012303 | 1.040913 | .7881859 | 1.288893 | .5869355   |
| #1     | 4.972178 | 4.745186 | 24.16729 | 4.938261 | 4.875931 | 396.0273   |
| #2     | 4.989076 | 4.733193 | 24.24919 | 4.971064 | 4.924487 | 393.3570   |
| #3     | 5.009428 | 4.822121 | 24.64153 | 5.016357 | 5.002018 | 391.4267   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.978037 | .5015244 | 2.458280 | 400.0355 | 15.28550 | 2.380914   |
| Stddev | .021921  | .0029723 | .023131  | .2108    | .07286   | .023299    |
| %RSD   | .2196947 | .5926611 | .9409491 | .0526862 | .4766430 | .9785764   |
| #1     | 9.956167 | .5045758 | 2.441974 | 400.2534 | 15.28575 | 2.366307   |
| #2     | 9.977936 | .5013595 | 2.448112 | 400.0203 | 15.21252 | 2.368652   |
| #3     | 10.00001 | .4986380 | 2.484753 | 399.8327 | 15.35824 | 2.407784   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 14.91602 | 394.1334 | 14.19833 | 391.1103 | 2.479653 | 1.252486   |
| Stddev | .08595   | 1.7117   | .04444   | 1.3799   | .021569  | .008983    |
| %RSD   | .5762474 | .4342872 | .3130179 | .3528195 | .8698549 | .7171861   |
| #1     | 14.99206 | 395.7387 | 14.24900 | 391.9415 | 2.463867 | 1.252817   |
| #2     | 14.93325 | 394.3292 | 14.18003 | 391.8721 | 2.470863 | 1.243342   |
| #3     | 14.82276 | 392.3322 | 14.16596 | 389.5175 | 2.504230 | 1.261298   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 416.0986 | 2.438314 | 14.39859 | 153.8227 | 4.859318 | F 4.136800 |
| Stddev | 2.8574   | .013696  | .04890   | .3159    | .042974  | .025117    |
| %RSD   | .6867006 | .5616836 | .3396339 | .2053625 | .8843532 | .6071560   |
| #1     | 417.0188 | 2.448930 | 14.35128 | 153.5553 | 4.834561 | 4.164406   |
| #2     | 418.3825 | 2.443156 | 14.39553 | 153.7415 | 4.834454 | 4.130697   |
| #3     | 412.8945 | 2.422855 | 14.44894 | 154.1713 | 4.908940 | 4.115298   |

Sample Name: CCV140      Acquired: 01/09/2025 19:38:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV140      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.824634 | 4.917320 | F 7.940407 | 4.936126 | 4.905323 | 4.634113 |
| Stddev | .064978  | .061840  | .046354    | .051764  | .037251  | .019271  |
| %RSD   | 1.346787 | 1.257591 | .5837769   | 1.048669 | .7594068 | .4158428 |
| #1     | 4.775090 | 4.872909 | 7.980450   | 4.894513 | 4.916130 | 4.642065 |
| #2     | 4.800608 | 4.891100 | 7.951144   | 4.919775 | 4.935975 | 4.648136 |
| #3     | 4.898203 | 4.987950 | 7.889626   | 4.994091 | 4.863862 | 4.612139 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 4.971811 |
| Stddev | .026694  |
| %RSD   | .5369002 |
| #1     | 4.942096 |
| #2     | 4.979575 |
| #3     | 4.993762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1810.002 | 16856.13 | 824.8966 | 1370.053 | 1795.735 |
| Stddev    | 19.052   | 74.12    | 5.2121   | 6.269    | 14.205   |
| %RSD      | 1.052596 | .4397036 | .6318533 | .4575626 | .7910165 |
| #1        | 1822.489 | 16881.81 | 820.7373 | 1376.692 | 1802.374 |
| #2        | 1819.444 | 16914.00 | 823.2091 | 1369.232 | 1805.404 |
| #3        | 1788.073 | 16772.59 | 830.7435 | 1364.235 | 1779.427 |

Sample Name: CCB140      Acquired: 01/09/2025 19:42:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB140      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029645 | -.000793 | .0010762 | -.007489 | .0028418 | -.027541 |
| Stddev | .0076384 | .005072  | .0022220 | .006799  | .0058743 | .020886  |
| %RSD   | 257.6679 | 639.3485 | 206.4588 | 90.78303 | 206.7075 | 75.83369 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0076975 | -.005171 | -.001041 | -.014012 | .0084049 | -.003677 |
| #2 | -.005848 | -.001974 | .003390  | -.008011 | .0034212 | -.042485 |
| #3 | .007043  | .004765  | .000880  | -.000444 | -.003301 | -.036462 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005199 | -.000230 | .0000697 | .0159780 | -.000858 | .0002303 |
| Stddev | .005417  | .000201  | .0000097 | .0233281 | .001021  | .0002957 |
| %RSD   | 104.1883 | 87.78303 | 13.85543 | 146.0015 | 118.9402 | 128.3925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.010956 | -.000009 | .0000806 | -.010187 | -.000869 | .0000627 |
| #2 | -.004437 | -.000276 | .0000667 | .034604  | -.001873 | .0000565 |
| #3 | -.000203 | -.000403 | .0000619 | .023517  | .000168  | .0005716 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004471 | -.053899 | .0039301 | .0577196 | .0000686 | -.001682 |
| Stddev | .0010221 | .034141  | .0045292 | .0888493 | .0000381 | .001277  |
| %RSD   | 228.5948 | 63.34174 | 115.2446 | 153.9328 | 55.46651 | 75.90195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0012266 | -.087737 | .0045527 | .0337006 | .0001016 | -.000394 |
| #2 | .0008249 | -.054497 | -.000878 | -.016651 | .0000270 | -.002947 |
| #3 | -.000710 | -.019463 | .008116  | .156109  | .0000774 | -.001705 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0195553 | .0003512 | .0009150 | .6724836 | .0004870 | .0191110 |
| Stddev | .0058731 | .0011768 | .0011043 | .4216772 | .0003582 | .0029186 |
| %RSD   | 30.03310 | 335.0648 | 120.6827 | 62.70446 | 73.55268 | 15.27160 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0261083 | .0017018 | .0008589 | .5967568 | .0000868 | .0220810 |
| #2 | .0147666 | -.000454 | .0020462 | 1.126893 | .0007776 | .0190052 |
| #3 | .0177910 | -.000195 | -.000160 | .293801  | .0005967 | .0162468 |



Sample Name: CCB140      Acquired: 01/09/2025 19:42:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB140      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004683 | .0062640 | -.000069 | -.000375 | .0137698 | .0003942 |
| Stddev | .0005707 | .0011033 | .004081  | .000799  | .0104437 | .0004614 |
| %RSD   | 121.8624 | 17.61321 | 5900.232 | 212.8700 | 75.84523 | 117.0554 |
| #1     | .0006851 | .0050422 | .001883  | -.000423 | .0251291 | .0000976 |
| #2     | .0008988 | .0071873 | -.004760 | .000446  | .0045836 | .0009257 |
| #3     | -.000179 | .0065627 | .002669  | -.001150 | .0115967 | .0001591 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0332163 |
| Stddev | .0033188   |
| %RSD   | 9.991388   |
| #1     | .0333915   |
| #2     | .0298134   |
| #3     | .0364440   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2225.896 | 20213.51 | 895.2899 | 1665.132 | 2613.106 |
| Stddev    | 11.909   | 118.10   | 4.5459   | 12.313   | 15.722   |
| %RSD      | .5350069 | .5842670 | .5077536 | .7394776 | .6016596 |
| #1        | 2214.913 | 20077.22 | 890.0424 | 1652.037 | 2597.806 |
| #2        | 2224.221 | 20277.79 | 897.8000 | 1676.477 | 2612.293 |
| #3        | 2238.553 | 20285.53 | 898.0273 | 1666.881 | 2629.219 |

Sample Name: P5207-20      Acquired: 01/09/2025 19:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN58      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1763405 | -.027030 | .6589169 | .1320880 | .0530863 | 71.50085 |
| Stddev | .0036523 | .001978  | .0035911 | .0009277 | .0025827 | .47395   |
| %RSD   | 2.071179 | 7.316666 | .5449985 | .7023138 | 4.865148 | .6628595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1804105 | -.024790 | .6599582 | .1329818 | .0509599 | 71.39733 |
| #2 | .1733484 | -.028533 | .6549202 | .1321524 | .0559604 | 72.01801 |
| #3 | .1752626 | -.027768 | .6618722 | .1311298 | .0523385 | 71.08722 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.543783 | .0065121 | .0060704 | 72.81630 | .1248318 | .0672388 |
| Stddev | .016161  | .0002288 | .0001763 | .43469   | .0012469 | .0012421 |
| %RSD   | 1.046816 | 3.513930 | 2.904198 | .5969640 | .9988751 | 1.847309 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.547616 | .0065664 | .0062447 | 72.68630 | .1259410 | .0675130 |
| #2 | 1.557683 | .0062610 | .0058922 | 73.30115 | .1250722 | .0658825 |
| #3 | 1.526051 | .0067090 | .0060743 | 72.46145 | .1234822 | .0683209 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3245642 | 229.6085 | 19.18589 | 33.36977 | .2128547 | .0084747 |
| Stddev | .0014367 | 1.7054   | .13865   | .38995   | .0026197 | .0005709 |
| %RSD   | .4426452 | .7427316 | .7226481 | 1.168586 | 1.230754 | 6.736477 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3255545 | 229.2862 | 19.17691 | 32.92543 | .2155897 | .0080711 |
| #2 | .3252217 | 231.4520 | 19.32881 | 33.65505 | .2103679 | .0082250 |
| #3 | .3229165 | 228.0872 | 19.05195 | 33.52884 | .2126065 | .0091279 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9203157 | .1991065 | .9392584 | 7.257420 | F 11.42417 | -.734185 |
| Stddev | .0353655 | .0015664 | .0059844 | .076494  | .04915     | .006216  |
| %RSD   | 3.842760 | .7866930 | .6371376 | 1.054008 | .4302650   | .8466211 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9192082 | .1989817 | .9323697 | 7.221038 | 11.47064 | -.728204 |
| #2 | .9562219 | .2007315 | .9431736 | 7.205907 | 11.37271 | -.740612 |
| #3 | .8855169 | .1976063 | .9422320 | 7.345314 | 11.42916 | -.733741 |

Sample Name: P5207-20      Acquired: 01/09/2025 19:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN58      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091578 | 1.217257 | 8.199677 | .0441199 | .6262522 | -.067923 |
| Stddev | .0004966 | .005821  | .052813  | .0003718 | .0023549 | .000151  |
| %RSD   | 5.422775 | .4782046 | .6440860 | .8425801 | .3760269 | .2225249 |
| #1     | .0085864 | 1.219751 | 8.190715 | .0437222 | .6235592 | -.068021 |
| #2     | .0094019 | 1.221415 | 8.256398 | .0444586 | .6272723 | -.067749 |
| #3     | .0094851 | 1.210604 | 8.151918 | .0441789 | .6279249 | -.067999 |

| Elem   | Li6707   |
|--------|----------|
| Units  | ppm      |
| Avg    | .0953380 |
| Stddev | .0022362 |
| %RSD   | 2.345500 |
| #1     | .0927593 |
| #2     | .0965128 |
| #3     | .0967419 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2844.265 | 25872.75 | 1170.228 | 2134.514 | 2297.686 |
| Stddev    | 16.384   | 108.51   | 4.810    | 13.653   | 16.047   |
| %RSD      | .5760462 | .4193953 | .4110012 | .6396083 | .6983872 |
| #1        | 2832.522 | 25877.22 | 1172.297 | 2145.764 | 2287.576 |
| #2        | 2862.983 | 25978.96 | 1164.730 | 2138.453 | 2316.188 |
| #3        | 2837.290 | 25762.08 | 1173.656 | 2119.325 | 2289.293 |

Sample Name: P5207-21      Acquired: 01/09/2025 19:49:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN59      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510860 | .0076322 | .1355315 | .0433692 | .0264827 | 50.57271 | .6066492 |
| Stddev | .0029168 | .0023666 | .0017411 | .0008034 | .0065650 | .26733   | .0034167 |
| %RSD   | 5.709568 | 31.00781 | 1.284608 | 1.852534 | 24.78993 | .5286097 | .5632075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0490006 | .0051772 | .1339447 | .0433866 | .0192271 | 50.87736 | .6036004 |
| #2 | .0544191 | .0098991 | .1352559 | .0425572 | .0282086 | 50.46348 | .6103421 |
| #3 | .0498384 | .0078204 | .1373939 | .0441638 | .0320123 | 50.37729 | .6060050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044930 | .0034101 | 504.7120 | .0879666 | .0700626 | .1272199 | 150.0834 |
| Stddev | .0004672 | .0000943 | 2.1550   | .0007202 | .0004560 | .0009086 | .4300    |
| %RSD   | 10.39827 | 2.764061 | .4269684 | .8187262 | .6508980 | .7142273 | .2865082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0043648 | .0033563 | 504.8194 | .0885465 | .0697454 | .1275699 | 150.4467 |
| #2 | .0041033 | .0035190 | 506.8112 | .0871605 | .0698572 | .1261884 | 149.6087 |
| #3 | .0050109 | .0033552 | 502.5053 | .0881930 | .0705852 | .1279016 | 150.1948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.70231 | 92.00393 | .1723745 | .0050571 | .9623047 | .1218223 | .3884714 |
| Stddev | .02742   | .38486   | .0006783 | .0009087 | .0332798 | .0003421 | .0039700 |
| %RSD   | .2158547 | .4183045 | .3935008 | 17.96834 | 3.458346 | .2808142 | 1.021948 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.73263 | 92.44775 | .1729364 | .0040998 | .9458756 | .1219974 | .3858445 |
| #2 | 12.69507 | 91.80156 | .1725660 | .0059077 | 1.000604 | .1220415 | .3865315 |
| #3 | 12.67925 | 91.76249 | .1716210 | .0051639 | .940434  | .1214281 | .3930384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.873854 | 4.754878 | -.414761 | .0059302 | .6148979 | 9.901761 | .0250962 |
| Stddev | .193231  | .007312  | .002377  | .0008123 | .0077521 | .047451  | .0013025 |
| %RSD   | 1.957001 | .1537733 | .5730629 | 13.69861 | 1.260720 | .4792203 | 5.190193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.654716 | 4.749601 | -.412459 | .0061099 | .6230133 | 9.889987 | .0245501 |
| #2 | 10.01978 | 4.751809 | -.417206 | .0066376 | .6075690 | 9.953991 | .0265829 |
| #3 | 9.94706  | 4.763224 | -.414618 | .0050430 | .6141113 | 9.861306 | .0241557 |

Sample Name: P5207-21      Acquired: 01/09/2025 19:49:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN59      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7522489 | .1351145 | .0919941 |
| Stddev | .0027690 | .0018085 | .0070030 |
| %RSD   | .3680952 | 1.338484 | 7.612397 |
| #1     | .7490730 | .1348811 | .0924292 |
| #2     | .7535171 | .1370283 | .0987694 |
| #3     | .7541567 | .1334340 | .0847837 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2427.206 | 21795.31 | 1019.459 | 1827.202 | 2045.765 |
| Stddev    | 9.768    | 113.18   | 5.074    | 9.870    | 9.528    |
| %RSD      | .4024206 | .5192850 | .4977456 | .5401890 | .4657250 |
| #1        | 2431.037 | 21852.25 | 1020.038 | 1825.066 | 2055.299 |
| #2        | 2416.103 | 21664.96 | 1014.121 | 1837.965 | 2036.244 |
| #3        | 2434.477 | 21868.70 | 1024.219 | 1818.574 | 2045.752 |

Sample Name: P5207-22      Acquired: 01/09/2025 19:53:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0827512 | .0015140 | .2845443 | .0703493 | .0340883 | 70.22489 |
| Stddev | .0045311 | .0050242 | .0020001 | .0131111 | .0023055 | .31625   |
| %RSD   | 5.475557 | 331.8522 | .7029012 | 18.63708 | 6.763203 | .4503404 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0872874 | -.001673 | .2833336 | .0595219 | .0321543 | 70.56972 |
| #2 | .0827408 | -.001090 | .2834465 | .0665991 | .0366395 | 69.94839 |
| #3 | .0782253 | .007306  | .2868528 | .0849268 | .0334711 | 70.15656 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.185452 | .0056595 | .0063142 | F 820.9292 | .1274934 | .0785908 |
| Stddev | .004371  | .0001017 | .0000797 | 2.4739     | .0014313 | .0008047 |
| %RSD   | .3687437 | 1.796974 | 1.261610 | .3013515   | 1.122674 | 1.023939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.181558 | .0055988 | .0062725 | 821.8677 | .1261531 | .0784829 |
| #2 | 1.184619 | .0056027 | .0064060 | 818.1234 | .1273260 | .0778454 |
| #3 | 1.190180 | .0057769 | .0062640 | 822.7965 | .1290011 | .0794440 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2217876 | 205.0117 | 20.87759 | 399.2740 | .2317790 | .0081766 |
| Stddev | .0020112 | .9021    | .07328   | 1.9170   | .0018797 | .0015101 |
| %RSD   | .9068160 | .4400187 | .3509982 | .4801225 | .8109666 | 18.46882 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2236640 | 205.0353 | 20.94285 | 400.4125 | .2305053 | .0068337 |
| #2 | .2196644 | 204.0980 | 20.79832 | 397.0608 | .2308939 | .0078849 |
| #3 | .2220343 | 205.9017 | 20.89160 | 400.3488 | .2339378 | .0098114 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.645526 | .1553755 | .6526203 | 11.96967 | 6.324385 | -.549524 |
| Stddev | .015126  | .0015081 | .0047515 | .08934   | .051804  | .006231  |
| %RSD   | .9192143 | .9705969 | .7280630 | .7464089 | .8191103 | 1.133939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.629719 | .1569733 | .6563128 | 12.05876 | 6.288435 | -.551531 |
| #2 | 1.646996 | .1551764 | .6472597 | 11.97018 | 6.300956 | -.554504 |
| #3 | 1.659863 | .1539769 | .6542884 | 11.88008 | 6.383765 | -.542536 |

Sample Name: P5207-22      Acquired: 01/09/2025 19:53:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076075 | 1.951279 | 11.96653 | .0393915 | 1.053271 | .1506381 |
| Stddev | .0008611 | .020027  | .06935   | .0019330 | .013402  | .0006274 |
| %RSD   | 11.31985 | 1.026356 | .5795393 | 4.907038 | 1.272461 | .4164978 |
| #1     | .0074489 | 1.940178 | 12.01507 | .0371923 | 1.068734 | .1513307 |
| #2     | .0085369 | 1.939261 | 11.88710 | .0408209 | 1.044998 | .1504760 |
| #3     | .0068366 | 1.974398 | 11.99741 | .0401614 | 1.046080 | .1501077 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1297931 |
| Stddev | .0107973 |
| %RSD   | 8.318835 |
| #1     | .1403216 |
| #2     | .1187458 |
| #3     | .1303120 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2411.464 | 21645.34 | 1044.027 | 1823.618 | 1850.600 |
| Stddev    | 14.196   | 108.95   | 2.562    | 4.511    | 15.731   |
| %RSD      | .5886711 | .5033383 | .2453530 | .2473545 | .8500512 |
| #1        | 2424.486 | 21753.27 | 1041.441 | 1822.542 | 1864.968 |
| #2        | 2413.574 | 21535.40 | 1046.564 | 1828.570 | 1853.040 |
| #3        | 2396.331 | 21647.37 | 1044.077 | 1819.743 | 1833.791 |

Sample Name: P5198-01      Acquired: 01/09/2025 19:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2087736 | -.029596 | 5.747406 | .0993627 | .0452017 | 70.65677 |
| Stddev | .0050283 | .002118  | .019599  | .0057530 | .0026226 | .33256   |
| %RSD   | 2.408506 | 7.157312 | .3410041 | 5.789916 | 5.801889 | .4706745 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2082105 | -.027348 | 5.748026 | .1051397 | .0472067 | 70.78757 |
| #2 | .2140598 | -.031555 | 5.727504 | .0936340 | .0422338 | 70.27870 |
| #3 | .2040506 | -.029884 | 5.766687 | .0993143 | .0461647 | 70.90405 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.070307 | .0079568 | .0174333 | 75.26557 | .1687526 | .0427538 |
| Stddev | .009939  | .0002356 | .0000622 | .43006   | .0014057 | .0001393 |
| %RSD   | .4800840 | 2.961250 | .3570059 | .5713921 | .8330080 | .3259244 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.063293 | .0082177 | .0174106 | 75.15121 | .1676312 | .0426112 |
| #2 | 2.065946 | .0078931 | .0175037 | 74.90425 | .1703296 | .0428896 |
| #3 | 2.081681 | .0077596 | .0173856 | 75.74125 | .1682970 | .0427605 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4441627 | 196.2092 | 11.84303 | 31.14365 | .2274733 | .0079436 |
| Stddev | .0010450 | 1.1715   | .07852   | .09489   | .0018110 | .0012918 |
| %RSD   | .2352648 | .5970760 | .6630272 | .3046745 | .7961286 | 16.26217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4452866 | 196.5921 | 11.81806 | 31.24788 | .2289726 | .0064520 |
| #2 | .4439811 | 194.8941 | 11.78004 | 31.12079 | .2254613 | .0086941 |
| #3 | .4432205 | 197.1413 | 11.93101 | 31.06228 | .2279862 | .0086848 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8601230 | .2048580 | 5.179256 | 8.264186 | F 10.04545 | -.627255 |
| Stddev | .0418154 | .0005188 | .023532  | .164107  | .00949     | .010128  |
| %RSD   | 4.861554 | .2532514 | .4543521 | 1.985757 | .0945088   | 1.614660 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8500488 | .2052249 | 5.196288 | 8.243383 | 10.04974 | -.638079 |
| #2 | .8242651 | .2042644 | 5.152405 | 8.111473 | 10.03456 | -.625677 |
| #3 | .9060552 | .2050846 | 5.189076 | 8.437702 | 10.05203 | -.618009 |



Sample Name: P5198-01      Acquired: 01/09/2025 19:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108019 | 3.878533 | 12.48877 | .1680551 | .8108013 | -.004504 |
| Stddev | .0006607 | .004501  | .04358   | .0017665 | .0153658 | .000570  |
| %RSD   | 6.116345 | .1160405 | .3489593 | 1.051158 | 1.895140 | 12.66320 |
| #1     | .0100508 | 3.874339 | 12.53755 | .1681756 | .8128389 | -.004097 |
| #2     | .0110617 | 3.877972 | 12.45365 | .1662314 | .7945183 | -.004259 |
| #3     | .0112932 | 3.883288 | 12.47512 | .1697583 | .8250466 | -.005156 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0643628 |
| Stddev | .0048785 |
| %RSD   | 7.579673 |
| #1     | .0656927 |
| #2     | .0589573 |
| #3     | .0684384 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2605.858 | 23476.35 | 1072.961 | 1973.617 | 2308.719 |
| Stddev    | 3.539    | 109.60   | 5.289    | 12.692   | 1.154    |
| %RSD      | .1358164 | .4668325 | .4929532 | .6430958 | .0499991 |
| #1        | 2606.702 | 23584.56 | 1071.487 | 1975.549 | 2309.335 |
| #2        | 2608.899 | 23479.07 | 1078.831 | 1985.232 | 2309.434 |
| #3        | 2601.973 | 23365.42 | 1068.565 | 1960.069 | 2307.387 |

Sample Name: P5198-02      Acquired: 01/09/2025 20:01:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1802295 | -.025433 | 4.668743 | .0936435 | .0384153 | 63.36603 | 1.841583 |
| Stddev | .0033691 | .001771  | .010979  | .0081060 | .0048432 | .32869   | .008979  |
| %RSD   | 1.869318 | 6.964584 | .2351676 | 8.656199 | 12.60756 | .5187199 | .4875537 |
| #1     | .1823829 | -.026230 | 4.673299 | .0904564 | .0440065 | 63.67203 | 1.851921 |
| #2     | .1763470 | -.026666 | 4.656219 | .0876154 | .0355151 | 63.01858 | 1.837090 |
| #3     | .1819587 | -.023403 | 4.676712 | .1028586 | .0357244 | 63.40747 | 1.835738 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079953 | .0233277 | 101.2528 | .1421775 | .0486992 | .4605573 | 189.3847 |
| Stddev | .0002500 | .0000542 | .3066    | .0011610 | .0008048 | .0066306 | .8577    |
| %RSD   | 3.126653 | .2323030 | .3027691 | .8165816 | 1.652502 | 1.439690 | .4529107 |
| #1     | .0081784 | .0233430 | 101.5469 | .1435002 | .0495065 | .4635906 | 190.2440 |
| #2     | .0077105 | .0233725 | 101.2765 | .1417051 | .0486941 | .4529527 | 188.5286 |
| #3     | .0080969 | .0232675 | 100.9351 | .1413272 | .0478970 | .4651287 | 189.3816 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.913723 | 31.34275 | .1969367 | .0084548 | .7636411 | .1824511 | 4.941134 |
| Stddev | .014540  | .13849   | .0019009 | .0013975 | .0061917 | .0011056 | .026809  |
| %RSD   | .1466635 | .4418611 | .9652430 | 16.52954 | .8108160 | .6059606 | .5425747 |
| #1     | 9.907004 | 31.19770 | .1989689 | .0096251 | .7612343 | .1833013 | 4.910187 |
| #2     | 9.903757 | 31.47359 | .1952021 | .0088320 | .7706749 | .1812013 | 4.955945 |
| #3     | 9.930407 | 31.35695 | .1966391 | .0069074 | .7590142 | .1828508 | 4.957272 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.362266 | 8.092572 | -.600383 | .0119487 | 3.265454 | 11.89022 | .1903918 |
| Stddev | .234528  | .021598  | .008299  | .0012932 | .009146  | .16489   | .0019376 |
| %RSD   | 3.686231 | .2668871 | 1.382322 | 10.82262 | .2800747 | 1.386754 | 1.017714 |
| #1     | 6.357214 | 8.116023 | -.603880 | .0106599 | 3.275263 | 11.99769 | .1894839 |
| #2     | 6.599280 | 8.073497 | -.590908 | .0119398 | 3.263938 | 11.70038 | .1926167 |
| #3     | 6.130305 | 8.088195 | -.606362 | .0132462 | 3.257161 | 11.97261 | .1890748 |

Sample Name: P5198-02      Acquired: 01/09/2025 20:01:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7545359 | .0551019 | .0520344 |
| Stddev | .0069549 | .0010764 | .0096195 |
| %RSD   | .9217478 | 1.953412 | 18.48677 |
| #1     | .7578548 | .0554285 | .0412271 |
| #2     | .7465432 | .0559772 | .0596596 |
| #3     | .7592096 | .0539001 | .0552166 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2560.479 | 22977.75 | 1052.754 | 1922.090 | 2327.069 |
| Stddev    | 1.399    | 138.27   | 10.096   | 11.727   | 3.057    |
| %RSD      | .0546217 | .6017670 | .9590161 | .6101233 | .1313626 |
| #1        | 2560.561 | 22901.91 | 1044.106 | 1927.901 | 2324.171 |
| #2        | 2559.041 | 22893.99 | 1063.848 | 1908.592 | 2326.774 |
| #3        | 2561.834 | 23137.35 | 1050.306 | 1929.777 | 2330.263 |

Sample Name: P5198-03      Acquired: 01/09/2025 20:05:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2138775 | -.025554 | 6.885870 | .1027858 | .0409992 | 65.12701 | 2.132707 |
| Stddev | .0034241 | .007305  | .034801  | .0015733 | .0038482 | .20456   | .005850  |
| %RSD   | 1.600961 | 28.58616 | .5053911 | 1.530697 | 9.386111 | .3140872 | .2743217 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2163215 | -.033130 | 6.880965 | .1031171 | .0436745 | 64.93491 | 2.133061 |
| #2 | .2153470 | -.024976 | 6.853782 | .1010732 | .0427341 | 65.34209 | 2.138373 |
| #3 | .2099639 | -.018555 | 6.922863 | .1041672 | .0365890 | 65.10404 | 2.126688 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082882 | .0133381 | 77.58476 | .1495338 | .0417640 | .4756294 | 191.7695 |
| Stddev | .0001126 | .0002125 | .44126   | .0002793 | .0012509 | .0015820 | .7353    |
| %RSD   | 1.358826 | 1.593406 | .5687425 | .1867972 | 2.995153 | .3326077 | .3834421 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082162 | .0131524 | 77.54976 | .1493681 | .0423195 | .4773461 | 191.2801 |
| #2 | .0082303 | .0132919 | 78.04248 | .1498563 | .0403315 | .4753118 | 192.6151 |
| #3 | .0084180 | .0135699 | 77.16205 | .1493770 | .0426408 | .4742303 | 191.4132 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.88216 | 27.18518 | .1864113 | .0089140 | .7624716 | .2132284 | 3.926004 |
| Stddev | .01162   | .15487   | .0014789 | .0009258 | .0282821 | .0003983 | .001092  |
| %RSD   | .1067902 | .5696935 | .7933423 | 10.38535 | 3.709259 | .1867857 | .0278239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.86942 | 27.07833 | .1862181 | .0098689 | .7817537 | .2131618 | 3.927087 |
| #2 | 10.89218 | 27.11442 | .1850385 | .0088526 | .7756565 | .2128675 | 3.926023 |
| #3 | 10.88489 | 27.36279 | .1879772 | .0080204 | .7300046 | .2136557 | 3.924902 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.702869 | 7.690764 | -.620849 | .0114784 | 2.637921 | 11.06781 | .2540551 |
| Stddev | .050240  | .011228  | .002214  | .0005686 | .013867  | .03859   | .0028150 |
| %RSD   | .7495305 | .1459965 | .3565704 | 4.953896 | .5256808 | .3486718 | 1.108044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.732715 | 7.686634 | -.621614 | .0113299 | 2.642139 | 11.08893 | .2558509 |
| #2 | 6.731026 | 7.682186 | -.622579 | .0121065 | 2.622435 | 11.09124 | .2508107 |
| #3 | 6.644864 | 7.703473 | -.618354 | .0109987 | 2.649189 | 11.02327 | .2555036 |

Sample Name: P5198-03      Acquired: 01/09/2025 20:05:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.123509 | .0595030 | .0680507 |
| Stddev | .008042  | .0006115 | .0080646 |
| %RSD   | .7158333 | 1.027724 | 11.85084 |
| #1     | 1.121290 | .0591113 | .0773604 |
| #2     | 1.132428 | .0602076 | .0632108 |
| #3     | 1.116808 | .0591899 | .0635809 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2603.337 | 23437.17 | 1073.007 | 1958.460 | 2325.203 |
| Stddev    | 5.905    | 183.23   | 5.570    | 11.313   | 3.116    |
| %RSD      | .2268340 | .7818116 | .5191326 | .5776442 | .1339916 |
| #1        | 2609.479 | 23637.72 | 1077.660 | 1970.796 | 2325.405 |
| #2        | 2597.700 | 23278.51 | 1066.834 | 1948.571 | 2328.212 |
| #3        | 2602.833 | 23395.29 | 1074.526 | 1956.011 | 2321.991 |

Sample Name: P5198-04      Acquired: 01/09/2025 20:08:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1715967 | -.024717 | 1.646418 | .1024529 | .0408912 | 83.46736 | 1.953856 |
| Stddev | .0053054 | .006301  | .004321  | .0041789 | .0052645 | .64564   | .027566  |
| %RSD   | 3.091759 | 25.49149 | .2624511 | 4.078899 | 12.87436 | .7735262 | 1.410862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1721558 | -.024923 | 1.648952 | .1046118 | .0458944 | 83.80429 | 1.976203 |
| #2 | .1660339 | -.018316 | 1.641429 | .1051108 | .0353995 | 83.87483 | 1.962313 |
| #3 | .1766003 | -.030912 | 1.648873 | .0976361 | .0413797 | 82.72295 | 1.923052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079017 | .0109838 | 64.44858 | .1270395 | .0517874 | .2329600 | 195.6489 |
| Stddev | .0001955 | .0001781 | .52070   | .0006455 | .0005441 | .0034483 | 1.6235   |
| %RSD   | 2.473504 | 1.621569 | .8079371 | .5081271 | 1.050703 | 1.480220 | .8297774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079211 | .0111464 | 64.83112 | .1277186 | .0511986 | .2351408 | 196.7492 |
| #2 | .0080867 | .0110116 | 64.65902 | .1264339 | .0522717 | .2347548 | 196.4131 |
| #3 | .0076972 | .0107935 | 63.85559 | .1269661 | .0518918 | .2289845 | 193.7844 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.94806 | 28.72755 | .1705131 | .0084697 | .6065902 | .1901097 | 1.403360 |
| Stddev | .18240   | .37052   | .0004876 | .0014924 | .0148668 | .0032342 | .003082  |
| %RSD   | 1.076235 | 1.289780 | .2859844 | 17.62065 | 2.450874 | 1.701212 | .2196500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.04631 | 29.14910 | .1704405 | .0091927 | .5969288 | .1926702 | 1.399869 |
| #2 | 17.06028 | 28.58004 | .1700658 | .0067534 | .6237097 | .1911837 | 1.405705 |
| #3 | 16.73760 | 28.45350 | .1710329 | .0094629 | .5991322 | .1864752 | 1.404507 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.407680 | 5.974574 | -.657986 | .0111887 | 1.699965 | 12.80916 | .0650402 |
| Stddev | .169887  | .003998  | .014552  | .0003529 | .011382  | .16153   | .0008871 |
| %RSD   | 2.293395 | .0669147 | 2.211641 | 3.154026 | .6695699 | 1.261064 | 1.363870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.211511 | 5.969960 | -.670460 | .0108355 | 1.699232 | 12.93774 | .0642909 |
| #2 | 7.505840 | 5.976730 | -.661499 | .0115413 | 1.688966 | 12.86189 | .0648100 |
| #3 | 7.505689 | 5.977030 | -.641999 | .0111894 | 1.711695 | 12.62785 | .0660197 |

Sample Name: P5198-04      Acquired: 01/09/2025 20:08:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5583340 | -.053642 | .0702129 |
| Stddev | .0066944 | .000483  | .0029914 |
| %RSD   | 1.198997 | .9011426 | 4.260439 |
| #1     | .5586718 | -.053428 | .0668297 |
| #2     | .5648531 | -.054195 | .0725076 |
| #3     | .5514771 | -.053302 | .0713014 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2875.906 | 25792.42 | 1167.718 | 2172.697 | 2321.853 |
| Stddev    | 13.278   | 29.14    | 14.272   | 1.778    | 6.420    |
| %RSD      | .4616877 | .1129877 | 1.222182 | .0818214 | .2765116 |
| #1        | 2890.767 | 25772.45 | 1155.555 | 2174.750 | 2329.083 |
| #2        | 2865.208 | 25825.86 | 1164.171 | 2171.681 | 2319.656 |
| #3        | 2871.744 | 25778.95 | 1183.429 | 2171.661 | 2316.820 |

Sample Name: P5198-08      Acquired: 01/09/2025 20:12:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0709015 | .0047866 | .5805047 | .0274314 | .0188126 | 60.07549 | 1.036776 |
| Stddev | .0045999 | .0030096 | .0030298 | .0032641 | .0034061 | .23724   | .006501  |
| %RSD   | 6.487778 | 62.87530 | .5219205 | 11.89911 | 18.10552 | .3949006 | .6270685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0725767 | .0057043 | .5770735 | .0274479 | .0148885 | 59.89524 | 1.044167 |
| #2 | .0656987 | .0014250 | .5828117 | .0306872 | .0210043 | 59.98697 | 1.034221 |
| #3 | .0744290 | .0072305 | .5816288 | .0241591 | .0205451 | 60.34426 | 1.031942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051446 | .0046196 | 528.5375 | .0931029 | .0588916 | .1324611 | 130.6974 |
| Stddev | .0000999 | .0001221 | 2.9104   | .0009334 | .0002702 | .0021108 | .7409    |
| %RSD   | 1.941443 | 2.644121 | .5506501 | 1.002553 | .4587615 | 1.593494 | .5668469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050551 | .0044910 | 530.7243 | .0923008 | .0588546 | .1333895 | 131.5473 |
| #2 | .0051263 | .0046335 | 525.2342 | .0941274 | .0591784 | .1300453 | 130.1878 |
| #3 | .0052523 | .0047341 | 529.6540 | .0928804 | .0586419 | .1339486 | 130.3571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.839992 | 112.9032 | .1173651 | .0047371 | .9274064 | .1307895 | .7383326 |
| Stddev | .043891  | .2974    | .0006700 | .0018245 | .0042601 | .0014119 | .0062292 |
| %RSD   | .4460509 | .2634095 | .5708862 | 38.51549 | .4593580 | 1.079501 | .8436820 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.839027 | 113.1451 | .1176892 | .0060794 | .9252833 | .1305840 | .7397217 |
| #2 | 9.796591 | 112.5711 | .1178114 | .0026597 | .9246250 | .1294916 | .7437499 |
| #3 | 9.884357 | 112.9933 | .1165946 | .0054721 | .9323109 | .1322928 | .7315261 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.371139 | 4.881558 | -.376220 | .0061462 | 1.916022 | 10.78727 | .0333220 |
| Stddev | .123165  | .005777  | .006579  | .0008058 | .003938  | .10655   | .0011286 |
| %RSD   | 2.293082 | .1183385 | 1.748756 | 13.10973 | .2055520 | .9877308 | 3.387048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.480250 | 4.888066 | -.371148 | .0053577 | 1.914782 | 10.83392 | .0320551 |
| #2 | 5.395581 | 4.879571 | -.373857 | .0069682 | 1.912852 | 10.66535 | .0336910 |
| #3 | 5.237586 | 4.877037 | -.383654 | .0061128 | 1.920431 | 10.86254 | .0342200 |



Sample Name: P5198-08      Acquired: 01/09/2025 20:12:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5177408 | .3607883 | .0763553 |
| Stddev | .0139576 | .0007599 | .0081921 |
| %RSD   | 2.695861 | .2106225 | 10.72890 |
| #1     | .5313565 | .3599150 | .0669329 |
| #2     | .5034648 | .3611516 | .0817907 |
| #3     | .5184009 | .3612984 | .0803422 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2427.146 | 21616.00 | 1016.717 | 1829.955 | 2047.523 |
| Stddev    | 3.930    | 99.86    | 4.710    | 18.028   | 4.306    |
| %RSD      | .1619328 | .4619731 | .4633006 | .9851498 | .2103114 |
| #1        | 2431.508 | 21659.36 | 1014.395 | 1831.767 | 2052.469 |
| #2        | 2423.881 | 21501.79 | 1022.138 | 1811.089 | 2044.613 |
| #3        | 2426.048 | 21686.85 | 1013.619 | 1847.007 | 2045.486 |

Sample Name: P5198-09      Acquired: 01/09/2025 20:16:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0369167 | .0215829 | .3243019 | -.001011 | .0115983 | 42.43517 |
| Stddev | .0024964 | .0026149 | .0008639 | .008455  | .0051854 | .28586   |
| %RSD   | 6.762304 | 12.11558 | .2663784 | 836.2352 | 44.70848 | .6736437 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0340726 | .0245770 | .3233454 | .002495  | .0059806 | 42.24774 |
| #2 | .0379317 | .0204238 | .3245346 | -.010655 | .0126128 | 42.76419 |
| #3 | .0387457 | .0197479 | .3250255 | .005127  | .0162015 | 42.29358 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5047920 | .0035758 | .0036451 | F 1220.063 | .0796362 | .0670344 |
| Stddev | .0042604 | .0001825 | .0000097 | 4.191      | .0009937 | .0009803 |
| %RSD   | .8439868 | 5.104188 | .2666846 | .3435120   | 1.247852 | 1.462337 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5009701 | .0035105 | .0036352 | 1216.885 | .0785881 | .0667162 |
| #2 | .5093854 | .0037820 | .0036546 | 1224.813 | .0805647 | .0662527 |
| #3 | .5040204 | .0034350 | .0036457 | 1218.492 | .0797558 | .0681342 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1827445 | 102.4799 | 8.037594 | 206.6258 | .1152431 | .0028384 |
| Stddev | .0007232 | .3767    | .014235  | 1.1134   | .0005234 | .0006088 |
| %RSD   | .3957315 | .3675430 | .1771078 | .5388276 | .4541554 | 21.44947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1831527 | 102.0978 | 8.023789 | 206.1632 | .1152799 | .0030999 |
| #2 | .1819095 | 102.8508 | 8.052223 | 207.8959 | .1157470 | .0032727 |
| #3 | .1831712 | 102.4913 | 8.036769 | 205.8183 | .1147022 | .0021425 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.451557 | .1079515 | .6052462 | 7.824526 | 5.987456 | -.248182 |
| Stddev | .024605  | .0007636 | .0034465 | .252969  | .023159  | .001790  |
| %RSD   | 1.695080 | .7073442 | .5694370 | 3.233027 | .3867948 | .7212148 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.452864 | .1074972 | .6021270 | 7.651950 | 5.975809 | -.248320 |
| #2 | 1.475483 | .1088331 | .6089462 | 8.114913 | 5.972433 | -.246327 |
| #3 | 1.426325 | .1075241 | .6046653 | 7.706713 | 6.014127 | -.249898 |

Sample Name: P5198-09      Acquired: 01/09/2025 20:16:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019902 | 1.844328 | 8.360689 | .0234324 | .4242369 | .9863183 |
| Stddev | .0013457 | .004511  | .045334  | .0020933 | .0133632 | .0064824 |
| %RSD   | 67.61844 | .2446041 | .5422226 | 8.933302 | 3.149947 | .6572327 |
| #1     | .0034501 | 1.847837 | 8.357242 | .0242001 | .4116197 | .9809562 |
| #2     | .0007992 | 1.839239 | 8.407648 | .0250335 | .4228525 | .9935224 |
| #3     | .0017213 | 1.845908 | 8.317178 | .0210637 | .4382384 | .9844765 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0703011 |
| Stddev | .0046420 |
| %RSD   | 6.603025 |
| #1     | .0697199 |
| #2     | .0659771 |
| #3     | .0752064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2263.739 | 20282.49 | 982.6087 | 1717.017 | 1889.884 |
| Stddev    | 5.620    | 97.08    | 4.0988   | 8.176    | 4.585    |
| %RSD      | .2482448 | .4786229 | .4171369 | .4761704 | .2425910 |
| #1        | 2269.205 | 20349.14 | 986.1510 | 1726.394 | 1895.127 |
| #2        | 2257.978 | 20327.21 | 978.1192 | 1713.277 | 1886.630 |
| #3        | 2264.034 | 20171.11 | 983.5558 | 1711.380 | 1887.895 |

Sample Name: P5198-10      Acquired: 01/09/2025 20:20:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0746925 | -.028050 | .3024002 | .0751148 | .0291158 | 85.15740 | .8124798 |
| Stddev | .0028999 | .001869  | .0042425 | .0043253 | .0052837 | .42801   | .0084745 |
| %RSD   | 3.882504 | 6.664575 | 1.402927 | 5.758301 | 18.14733 | .5026102 | 1.043043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0738423 | -.026804 | .3022738 | .0762265 | .0232565 | 85.33141 | .8044030 |
| #2 | .0723127 | -.030199 | .3067044 | .0703422 | .0335184 | 85.47099 | .8213027 |
| #3 | .0779225 | -.027146 | .2982223 | .0787759 | .0305724 | 84.66979 | .8117337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056283 | .0030276 | 33.00676 | .1349363 | .0221177 | .1522039 | 138.6003 |
| Stddev | .0003261 | .0000410 | .21387   | .0015229 | .0005456 | .0010429 | .8549    |
| %RSD   | 5.793660 | 1.354185 | .6479603 | 1.128584 | 2.466835 | .6851717 | .6167984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052518 | .0030229 | 32.84344 | .1354577 | .0227042 | .1511994 | 137.9731 |
| #2 | .0058175 | .0030708 | 33.24884 | .1332212 | .0216252 | .1532813 | 139.5740 |
| #3 | .0058156 | .0029892 | 32.92800 | .1361299 | .0220236 | .1521310 | 138.2537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.651238 | 22.65727 | .1724071 | .0041634 | .5681841 | .1730210 | .4124305 |
| Stddev | .033548  | .29329   | .0011370 | .0004035 | .0193088 | .0005838 | .0054538 |
| %RSD   | .7212729 | 1.294473 | .6594561 | 9.691880 | 3.398336 | .3373960 | 1.322348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.671884 | 22.81797 | .1726007 | .0045654 | .5903863 | .1723682 | .4150907 |
| #2 | 4.669302 | 22.83509 | .1734348 | .0037584 | .5553147 | .1734929 | .4061571 |
| #3 | 4.612529 | 22.31875 | .1711857 | .0041665 | .5588513 | .1732017 | .4160437 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.737632 | 8.432800 | -.474244 | .0086973 | 3.066881 | 12.65805 | .0264273 |
| Stddev | .250377  | .016478  | .000642  | .0009443 | .009162  | .06368   | .0006833 |
| %RSD   | 5.284846 | .1954076 | .1354206 | 10.85721 | .2987560 | .5030583 | 2.585484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.689199 | 8.431769 | -.474156 | .0079431 | 3.068458 | 12.63664 | .0256485 |
| #2 | 5.008687 | 8.449769 | -.474926 | .0083924 | 3.075152 | 12.72967 | .0267074 |
| #3 | 4.515010 | 8.416861 | -.473651 | .0097563 | 3.057032 | 12.60784 | .0269260 |

Sample Name: P5198-10      Acquired: 01/09/2025 20:20:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7896480 | -.057354 | .0590310 |
| Stddev | .0032921 | .000823  | .0092558 |
| %RSD   | .4169063 | 1.434553 | 15.67955 |
| #1     | .7872512 | -.056404 | .0484223 |
| #2     | .7882911 | -.057855 | .0654580 |
| #3     | .7934016 | -.057802 | .0632128 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2456.696 | 22356.66 | 999.8330 | 1878.937 | 2367.142 |
| Stddev    | 8.357    | 116.01   | 4.3983   | 13.576   | 4.825    |
| %RSD      | .3401569 | .5188993 | .4399039 | .7225151 | .2038256 |
| #1        | 2451.369 | 22236.17 | 997.3347 | 1866.208 | 2367.395 |
| #2        | 2452.392 | 22366.21 | 997.2529 | 1893.225 | 2362.196 |
| #3        | 2466.328 | 22467.60 | 1004.912 | 1877.377 | 2371.835 |

Sample Name: P5198-11      Acquired: 01/09/2025 20:24:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0640938 | -.028026 | .2862421 | .0717047 | .0281597 | 85.31549 | .7488193 |
| Stddev | .0053941 | .003126  | .0028158 | .0083605 | .0023577 | .74699   | .0077972 |
| %RSD   | 8.415992 | 11.15270 | .9836951 | 11.65968 | 8.372637 | .8755669 | 1.041270 |
| #1     | .0698123 | -.031451 | .2866077 | .0627535 | .0308067 | 84.64861 | .7403925 |
| #2     | .0590966 | -.027297 | .2888573 | .0730490 | .0262851 | 85.17516 | .7557783 |
| #3     | .0633725 | -.025328 | .2832615 | .0793117 | .0273872 | 86.12269 | .7502870 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057072 | .0029447 | 30.01403 | .1356619 | .0186493 | .1426179 | 137.2403 |
| Stddev | .0001016 | .0000695 | .14809   | .0006258 | .0010589 | .0018509 | 1.3130   |
| %RSD   | 1.780306 | 2.359393 | .4933911 | .4612604 | 5.678128 | 1.297828 | .9567192 |
| #1     | .0056633 | .0028658 | 29.84324 | .1356371 | .0197942 | .1417941 | 135.7283 |
| #2     | .0056350 | .0029716 | 30.09223 | .1350489 | .0184485 | .1413219 | 137.8992 |
| #3     | .0058234 | .0029967 | 30.10663 | .1362997 | .0177051 | .1447377 | 138.0934 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.304807 | 22.88053 | .1769981 | .0027208 | .5145013 | .1723648 | .4194797 |
| Stddev | .037235  | .09524   | .0006846 | .0007887 | .0157751 | .0026252 | .0034335 |
| %RSD   | .8649732 | .4162492 | .3867668 | 28.99016 | 3.066088 | 1.523040 | .8185134 |
| #1     | 4.267273 | 22.82269 | .1773281 | .0019071 | .5072561 | .1694041 | .4170681 |
| #2     | 4.305412 | 22.99045 | .1774553 | .0034820 | .5036504 | .1744083 | .4179604 |
| #3     | 4.341737 | 22.82844 | .1762111 | .0027732 | .5325975 | .1732820 | .4234108 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.287402 | 7.683170 | -.475822 | .0081133 | 2.467393 | 13.14463 | .0260077 |
| Stddev | .257309  | .035531  | .008875  | .0008734 | .009361  | .11469   | .0017762 |
| %RSD   | 6.001522 | .4624583 | 1.865200 | 10.76445 | .3793731 | .8725333 | 6.829565 |
| #1     | 4.233638 | 7.724191 | -.466028 | .0071899 | 2.478094 | 13.01324 | .0279568 |
| #2     | 4.061223 | 7.662030 | -.478107 | .0082242 | 2.460724 | 13.19595 | .0244803 |
| #3     | 4.567346 | 7.663287 | -.483331 | .0089260 | 2.463360 | 13.22470 | .0255860 |

Sample Name: P5198-11      Acquired: 01/09/2025 20:24:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8838652 | -.062923 | .0643276 |
| Stddev | .0082936 | .001051  | .0024143 |
| %RSD   | .9383307 | 1.670416 | 3.753158 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8747783 | -.061711 | .0666654 |
| #2 | .8910268 | -.063585 | .0618435 |
| #3 | .8857906 | -.063472 | .0644738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2428.805 | 21821.30 | 993.5586 | 1844.505 | 2399.867 |
| Stddev    | 5.976    | 58.08    | 7.5143   | 7.005    | 6.058    |
| %RSD      | .2460646 | .2661760 | .7563000 | .3797637 | .2524378 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2426.586 | 21831.61 | 1001.807 | 1851.807 | 2395.006 |
| #2 | 2435.574 | 21758.76 | 987.102  | 1843.868 | 2406.654 |
| #3 | 2424.256 | 21873.54 | 991.767  | 1837.841 | 2397.942 |

Sample Name: P5198-12      Acquired: 01/09/2025 20:27:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0738919 | -.010043 | .2690712 | .1683540 | .0435409 | 109.6595 |
| Stddev | .0039274 | .004799  | .0004994 | .0040151 | .0059225 | .6749    |
| %RSD   | 5.315028 | 47.78629 | .1856175 | 2.384936 | 13.60213 | .6154547 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0727800 | -.015019 | .2686721 | .1655804 | .0367119 | 110.3134 |
| #2 | .0706403 | -.005443 | .2689103 | .1729582 | .0472715 | 109.6997 |
| #3 | .0782553 | -.009666 | .2696313 | .1665234 | .0466392 | 108.9654 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.009683 | .0041782 | .0038609 | 22.50522 | .1435032 | .1444031 |
| Stddev | .003098  | .0002711 | .0000327 | .17204   | .0002272 | .0024983 |
| %RSD   | .3068353 | 6.487519 | .8472076 | .7644320 | .1583156 | 1.730122 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.006988 | .0043918 | .0038241 | 22.70387 | .1437636 | .1425047 |
| #2 | 1.013068 | .0038733 | .0038718 | 22.40477 | .1433456 | .1434712 |
| #3 | 1.008993 | .0042695 | .0038868 | 22.40702 | .1434004 | .1472335 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0790422 | 221.8586 | F 54.75867 | 21.06761 | .1494301 | .0118250 |
| Stddev | .0018109 | 1.4529   | .33941     | .41624   | .0008041 | .0007817 |
| %RSD   | 2.291034 | .6548623 | .6198270   | 1.975731 | .5381220 | 6.610436 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0811172 | 222.9416 | 54.99235 | 21.35212 | .1485050 | .0124144 |
| #2 | .0777806 | 222.4269 | 54.91430 | 20.58987 | .1499607 | .0109383 |
| #3 | .0782289 | 220.2076 | 54.36935 | 21.26082 | .1498247 | .0121223 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5834359 | .2083974 | .3934211 | 3.724303 | F 11.44679 | -.780941 |
| Stddev | .0157775 | .0022497 | .0027029 | .173976  | .05521     | .015922  |
| %RSD   | 2.704237 | 1.079521 | .6870310 | 4.671369 | .4823622   | 2.038759 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5669229 | .2107291 | .3907711 | 3.920745 | 11.38737 | -.798818 |
| #2 | .5850276 | .2082233 | .3961740 | 3.662487 | 11.45649 | -.775721 |
| #3 | .5983572 | .2062398 | .3933181 | 3.589676 | 11.49651 | -.768285 |



Sample Name: P5198-12      Acquired: 01/09/2025 20:27:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145256 | 1.397023 | 13.38941 | .0287568 | 1.005699 | -.147598 |
| Stddev | .0001543 | .016888  | .15071   | .0002986 | .006207  | .001581  |
| %RSD   | 1.062281 | 1.208849 | 1.125614 | 1.038231 | .6171504 | 1.070943 |
| #1     | .0145817 | 1.382194 | 13.56032 | .0287220 | 1.012526 | -.149011 |
| #2     | .0146439 | 1.393470 | 13.33237 | .0290712 | 1.000398 | -.147891 |
| #3     | .0143511 | 1.415405 | 13.27555 | .0284771 | 1.004174 | -.145891 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0573092 |
| Stddev | .0064295 |
| %RSD   | 11.21898 |
| #1     | .0499040 |
| #2     | .0614710 |
| #3     | .0605526 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2312.730 | 20965.61 | 955.3434 | 1774.292 | 2310.175 |
| Stddev    | 15.471   | 91.35    | 10.7830  | 8.823    | 8.336    |
| %RSD      | .6689555 | .4357111 | 1.128708 | .4972618 | .3608447 |
| #1        | 2322.197 | 20884.72 | 943.1395 | 1780.420 | 2315.844 |
| #2        | 2321.117 | 20947.42 | 959.3069 | 1764.179 | 2314.078 |
| #3        | 2294.877 | 21064.68 | 963.5838 | 1778.276 | 2300.604 |

Sample Name: P5198-13      Acquired: 01/09/2025 20:31:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1739625 | -.040143 | .9896852 | .1187229 | .0539862 | 65.61469 | .6989798 |
| Stddev | .0059059 | .001302  | .0034117 | .0083417 | .0022398 | .14151   | .0049248 |
| %RSD   | 3.394937 | 3.244194 | .3447209 | 7.026217 | 4.148816 | .2156689 | .7045707 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1740726 | -.040894 | .9902594 | .1096503 | .0558253 | 65.47140 | .6969815 |
| #2 | .1680022 | -.038639 | .9860229 | .1260612 | .0514919 | 65.61831 | .7045897 |
| #3 | .1798125 | -.040896 | .9927734 | .1204571 | .0546413 | 65.75436 | .6953683 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065652 | .0050106 | 44.99529 | .1080331 | .0152182 | .2787025 | 222.6584 |
| Stddev | .0003313 | .0001419 | .17026   | .0004467 | .0004162 | .0009349 | .1867    |
| %RSD   | 5.045766 | 2.831046 | .3783858 | .4134590 | 2.734953 | .3354359 | .0838589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061935 | .0051630 | 44.93793 | .1075371 | .0150940 | .2777755 | 222.5641 |
| #2 | .0066729 | .0049863 | 45.18681 | .1081584 | .0148781 | .2796450 | 222.8735 |
| #3 | .0068293 | .0048825 | 44.86112 | .1084037 | .0156823 | .2786870 | 222.5377 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.644974 | 20.43926 | .1808234 | .0060340 | .9372409 | .1709986 | .5902185 |
| Stddev | .034128  | .20202   | .0013599 | .0007898 | .0129607 | .0012851 | .0037186 |
| %RSD   | .3538450 | .9883686 | .7520782 | 13.08940 | 1.382857 | .7515331 | .6300303 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.626403 | 20.29929 | .1811892 | .0067387 | .9482742 | .1712216 | .5915815 |
| #2 | 9.684361 | 20.67085 | .1793179 | .0051803 | .9229676 | .1721577 | .5860107 |
| #3 | 9.624159 | 20.34765 | .1819630 | .0061829 | .9404809 | .1696167 | .5930632 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.407986 | 8.338574 | -.751467 | .0136959 | 2.725680 | 10.83168 | .0507411 |
| Stddev | .342413  | .036817  | .006058  | .0006835 | .012619  | .04243   | .0008718 |
| %RSD   | 4.622210 | .4415249 | .8061510 | 4.990175 | .4629770 | .3917156 | 1.718202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.136299 | 8.319054 | -.757889 | .0131022 | 2.713704 | 10.78286 | .0506270 |
| #2 | 7.792598 | 8.315628 | -.745854 | .0135426 | 2.724478 | 10.85975 | .0516643 |
| #3 | 7.295060 | 8.381041 | -.750657 | .0144430 | 2.738857 | 10.85241 | .0499319 |

Sample Name: P5198-13      Acquired: 01/09/2025 20:31:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7090717 | -.120469 | .0270927 |
| Stddev | .0046329 | .000697  | .0061133 |
| %RSD   | .6533685 | .5784475 | 22.56427 |
| #1     | .7142194 | -.120613 | .0333570 |
| #2     | .7052370 | -.121083 | .0267785 |
| #3     | .7077588 | -.119712 | .0211426 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2604.426 | 23565.96 | 1071.538 | 1983.305 | 2370.473 |
| Stddev    | 6.114    | 90.34    | 3.220    | 12.696   | 7.318    |
| %RSD      | .2347600 | .3833517 | .3005492 | .6401418 | .3087092 |
| #1        | 2599.845 | 23574.27 | 1070.460 | 1968.709 | 2367.637 |
| #2        | 2611.368 | 23471.76 | 1068.995 | 1991.783 | 2378.784 |
| #3        | 2602.063 | 23651.86 | 1075.159 | 1989.425 | 2364.997 |

Sample Name: P5198-14      Acquired: 01/09/2025 20:35:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1812170 | -.022718 | .8601912 | .0858208 | .0342241 | 61.03083 | .7392910 |
| Stddev | .0048154 | .003684  | .0025799 | .0078776 | .0018052 | .19570   | .0019969 |
| %RSD   | 2.657231 | 16.21685 | .2999241 | 9.179099 | 5.274659 | .3206563 | .2701054 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1758513 | -.025794 | .8623330 | .0768385 | .0354445 | 60.97434 | .7384580 |
| #2 | .1826370 | -.023723 | .8573271 | .0890688 | .0350773 | 60.86959 | .7415695 |
| #3 | .1851626 | -.018635 | .8609134 | .0915551 | .0321504 | 61.24856 | .7378455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055983 | .0048085 | 38.61686 | .0913392 | .0494621 | .2457096 | 158.5700 |
| Stddev | .0000327 | .0000808 | .13566   | .0008131 | .0004249 | .0003390 | .3606    |
| %RSD   | .5845055 | 1.680855 | .3513029 | .8902014 | .8590311 | .1379610 | .2274336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055768 | .0047897 | 38.62399 | .0922781 | .0497875 | .2460865 | 158.9551 |
| #2 | .0056360 | .0047388 | 38.47778 | .0908669 | .0496174 | .2454296 | 158.2402 |
| #3 | .0055822 | .0048971 | 38.74882 | .0908726 | .0489814 | .2456126 | 158.5148 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.70214 | 20.93711 | .1248077 | .0051599 | .7786141 | .1513627 | .5438479 |
| Stddev | .03434   | .19495   | .0012369 | .0004634 | .0117122 | .0005860 | .0005168 |
| %RSD   | .2703389 | .9311057 | .9910041 | 8.980424 | 1.504238 | .3871552 | .0950320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.67102 | 21.15654 | .1255761 | .0052635 | .7733596 | .1513156 | .5444207 |
| #2 | 12.69642 | 20.87090 | .1254661 | .0046536 | .7920335 | .1519709 | .5437065 |
| #3 | 12.73898 | 20.78389 | .1233809 | .0055628 | .7704494 | .1508018 | .5434164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.094919 | 5.329511 | -.522528 | .0081834 | 2.179393 | 10.31303 | .0532800 |
| Stddev | .329574  | .004230  | .004769  | .0012783 | .005077  | .01159   | .0002419 |
| %RSD   | 4.645205 | .0793685 | .9126490 | 15.62074 | .2329572 | .1123802 | .4540791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.725239 | 5.330589 | -.522710 | .0067410 | 2.175132 | 10.31082 | .0534943 |
| #2 | 7.357997 | 5.333098 | -.527203 | .0086333 | 2.185010 | 10.32556 | .0530176 |
| #3 | 7.201522 | 5.324846 | -.517670 | .0091759 | 2.178035 | 10.30269 | .0533281 |

Sample Name: P5198-14      Acquired: 01/09/2025 20:35:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5810012 | -.063984 | .0196558 |
| Stddev | .0081884 | .000439  | .0045113 |
| %RSD   | 1.409364 | .6856319 | 22.95160 |
| #1     | .5859657 | -.064421 | .0236990 |
| #2     | .5715500 | -.063988 | .0147897 |
| #3     | .5854878 | -.063544 | .0204786 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2684.009 | 24431.27 | 1097.216 | 2027.974 | 2387.758 |
| Stddev    | 8.538    | 46.43    | 4.501    | 8.788    | 6.519    |
| %RSD      | .3181215 | .1900627 | .4102074 | .4333218 | .2730384 |
| #1        | 2675.001 | 24391.05 | 1093.757 | 2017.877 | 2381.240 |
| #2        | 2685.041 | 24482.08 | 1095.585 | 2032.148 | 2387.754 |
| #3        | 2691.984 | 24420.67 | 1102.305 | 2033.897 | 2394.279 |

Sample Name: P5198-15      Acquired: 01/09/2025 20:39:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1480940 | -.028529 | .3624804 | .1101545 | .0406963 | 71.46132 | .5848463 |
| Stddev | .0066602 | .002442  | .0031794 | .0036326 | .0075786 | 1.35075  | .0132939 |
| %RSD   | 4.497263 | 8.560339 | .8771323 | 3.297706 | 18.62231 | 1.890177 | 2.273055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1521683 | -.031336 | .3659237 | .1143114 | .0488249 | 72.72420 | .5964841 |
| #2 | .1517056 | -.027361 | .3618616 | .1085614 | .0394392 | 71.62258 | .5876961 |
| #3 | .1404081 | -.026890 | .3596558 | .1075906 | .0338249 | 70.03719 | .5703586 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058049 | .0040149 | 33.41394 | .0954035 | .0449651 | .2242000 | 191.3908 |
| Stddev | .0003576 | .0000872 | .58195   | .0003980 | .0015041 | .0085085 | 3.6858   |
| %RSD   | 6.160078 | 2.172353 | 1.741644 | .4171340 | 3.345133 | 3.795049 | 1.925811 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060881 | .0040428 | 34.04429 | .0949939 | .0436979 | .2332400 | 194.8390 |
| #2 | .0059236 | .0039172 | 33.30040 | .0957887 | .0445701 | .2230122 | 191.8271 |
| #3 | .0054031 | .0040848 | 32.89712 | .0954281 | .0466274 | .2163478 | 187.5062 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.71416 | 24.28180 | .1327441 | .0070597 | .7945471 | .1620113 | .4750625 |
| Stddev | .28752   | .42753   | .0002547 | .0009174 | .0324385 | .0059902 | .0031865 |
| %RSD   | 1.829706 | 1.760685 | .1918640 | 12.99565 | 4.082640 | 3.697381 | .6707489 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.97532 | 24.71576 | .1324914 | .0076563 | .8249786 | .1678770 | .4728273 |
| #2 | 15.76111 | 24.26864 | .1330007 | .0075195 | .7982443 | .1622528 | .4736488 |
| #3 | 15.40605 | 23.86101 | .1327402 | .0060032 | .7604184 | .1559040 | .4787112 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.065233 | 3.541505 | -.638925 | .0066628 | 1.090251 | 10.54589 | .0249483 |
| Stddev | .137935  | .008437  | .030326  | .0003063 | .005486  | .41634   | .0010332 |
| %RSD   | 2.274190 | .2382248 | 4.746391 | 4.596716 | .5031462 | 3.947891 | 4.141399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.039594 | 3.535979 | -.672051 | .0069811 | 1.087896 | 10.99725 | .0261397 |
| #2 | 5.941917 | 3.537320 | -.632191 | .0063701 | 1.096520 | 10.46352 | .0244072 |
| #3 | 6.214189 | 3.551216 | -.612532 | .0066374 | 1.086335 | 10.17688 | .0242980 |

Sample Name: P5198-15      Acquired: 01/09/2025 20:39:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6456636 | -.098962 | .0379140 |
| Stddev | .0194518 | .002043  | .0021484 |
| %RSD   | 3.012679 | 2.064511 | 5.666447 |
| #1     | .6580842 | -.101042 | .0354395 |
| #2     | .6556604 | -.098885 | .0389998 |
| #3     | .6232463 | -.096958 | .0393028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2743.365 | 25051.78 | 1088.342 | 2055.768 | 2324.651 |
| Stddev    | 9.456    | 36.73    | 42.107   | 13.287   | 11.710   |
| %RSD      | .3447030 | .1466193 | 3.868934 | .6463048 | .5037418 |
| #1        | 2735.119 | 25042.52 | 1041.445 | 2062.413 | 2313.884 |
| #2        | 2753.687 | 25092.25 | 1100.677 | 2064.420 | 2337.119 |
| #3        | 2741.290 | 25020.56 | 1122.904 | 2040.470 | 2322.949 |

Sample Name: P5198-16      Acquired: 01/09/2025 20:42:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1286439 | .0023288 | .3026992 | .0592223 | .0289240 | 59.50120 | .5400826 |
| Stddev | .0011499 | .0041125 | .0021503 | .0071509 | .0045121 | .14696   | .0068255 |
| %RSD   | .8938326 | 176.5952 | .7103699 | 12.07459 | 15.59982 | .2469891 | 1.263782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1273190 | .0070469 | .3008391 | .0671261 | .0240510 | 59.42031 | .5322564 |
| #2 | .1292317 | -.000496 | .3022048 | .0532011 | .0297639 | 59.41245 | .5431891 |
| #3 | .1293812 | .000436  | .3050536 | .0573398 | .0329571 | 59.67083 | .5448022 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050268 | .0056047 | 334.9216 | .0854181 | .0792234 | .2080261 | 165.6529 |
| Stddev | .0002340 | .0001180 | 1.5426   | .0004662 | .0008848 | .0008357 | .7112    |
| %RSD   | 4.655110 | 2.106182 | .4605991 | .5457584 | 1.116810 | .4017490 | .4293186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050593 | .0054716 | 334.6480 | .0848808 | .0791095 | .2070824 | 165.4456 |
| #2 | .0047782 | .0056457 | 333.5341 | .0856571 | .0801596 | .2083228 | 165.0683 |
| #3 | .0052428 | .0056967 | 336.5828 | .0857162 | .0784011 | .2086729 | 166.4446 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.50240 | 24.16221 | .1394054 | .0069439 | 1.035970 | .1317342 | .4773498 |
| Stddev | .12220   | .19727   | .0011235 | .0009342 | .012221  | .0007103 | .0024009 |
| %RSD   | .6981686 | .8164433 | .8059367 | 13.45313 | 1.179680 | .5392090 | .5029583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.48994 | 24.21504 | .1405410 | .0060733 | 1.040490 | .1313177 | .4801209 |
| #2 | 17.38691 | 23.94391 | .1382944 | .0068276 | 1.045287 | .1325544 | .4758960 |
| #3 | 17.63035 | 24.32769 | .1393807 | .0079308 | 1.022133 | .1313305 | .4760323 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.704059 | 3.135558 | -.503578 | .0077561 | 1.439068 | 7.756937 | .0254042 |
| Stddev | .072873  | .003430  | .001008  | .0006031 | .011252  | .033598  | .0007372 |
| %RSD   | 1.549148 | .1093807 | .2001411 | 7.776298 | .7819266 | .4331367 | 2.901973 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.630866 | 3.132753 | -.504018 | .0084444 | 1.436489 | 7.722860 | .0250363 |
| #2 | 4.704703 | 3.139382 | -.504290 | .0073201 | 1.429328 | 7.790035 | .0249234 |
| #3 | 4.776608 | 3.134540 | -.502424 | .0075037 | 1.451386 | 7.757917 | .0262530 |



Sample Name: P5198-16      Acquired: 01/09/2025 20:42:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5378013 | .2339963 | .0261068 |
| Stddev | .0069104 | .0016933 | .0046644 |
| %RSD   | 1.284931 | .7236278 | 17.86675 |
| #1     | .5379712 | .2326187 | .0250647 |
| #2     | .5308075 | .2334835 | .0220515 |
| #3     | .5446251 | .2358867 | .0312041 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2718.641 | 25044.67 | 1132.111 | 2047.216 | 2157.259 |
| Stddev    | 5.555    | 41.46    | 6.080    | 4.544    | 5.493    |
| %RSD      | .2043470 | .1655383 | .5370448 | .2219632 | .2546272 |
| #1        | 2715.411 | 25004.96 | 1138.921 | 2042.469 | 2152.943 |
| #2        | 2715.457 | 25041.37 | 1127.228 | 2047.654 | 2155.392 |
| #3        | 2725.056 | 25087.68 | 1130.184 | 2051.525 | 2163.443 |

Sample Name: P5198-17      Acquired: 01/09/2025 20:46:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1180776 | .0176410 | .2838862 | .0244254   | .0140249 | 35.45462 |
| Stddev | .0046668 | .0014692 | .0010920 | .0138958   | .0009687 | .22592   |
| %RSD   | 3.952289 | 8.328573 | .3846740 | 56.89078   | 6.907312 | .6372051 |
| #1     | .1206048 | .0184639 | .2851364 | .0150542   | .0137500 | 35.19602 |
| #2     | .1126922 | .0159447 | .2834037 | .0403906   | .0132233 | 35.55421 |
| #3     | .1209356 | .0185143 | .2831185 | .0178315   | .0151014 | 35.61363 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3849226 | .0037240 | .0040401 | F 2501.285 | .0558027 | .1043101 |
| Stddev | .0064265 | .0002141 | .0001860 | 22.952     | .0007639 | .0010470 |
| %RSD   | 1.669542 | 5.749621 | 4.604692 | .9176036   | 1.368842 | 1.003771 |
| #1     | .3816566 | .0034822 | .0039078 | 2475.245   | .0566717 | .1053580 |
| #2     | .3923262 | .0038001 | .0042528 | 2518.571   | .0554991 | .1032639 |
| #3     | .3807851 | .0038897 | .0039597 | 2510.040   | .0552374 | .1043085 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3046798 | 166.0420 | 15.35304 | 132.5041   | .1574564 | .0059580 |
| Stddev | .0026874 | 1.5191   | .12896   | 1.0089     | .0009965 | .0009343 |
| %RSD   | .8820498 | .9149064 | .8399321 | .7613966   | .6328718 | 15.68192 |
| #1     | .3019504 | 164.2904 | 15.20420 | 131.3455   | .1586066 | .0065711 |
| #2     | .3073231 | 167.0002 | 15.42359 | 132.9780   | .1569094 | .0064202 |
| #3     | .3047659 | 166.8353 | 15.43133 | 133.1888   | .1568532 | .0048827 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.336037 | .0964206 | .8118293 | 4.403211   | 7.556704 | -.423756 |
| Stddev | .019051  | .0010039 | .0077649 | .112747    | .014855  | .007084  |
| %RSD   | .8155240 | 1.041140 | .9564731 | 2.560560   | .1965756 | 1.671696 |
| #1     | 2.314656 | .0968235 | .8190779 | 4.287355   | 7.541493 | -.415684 |
| #2     | 2.351208 | .0971605 | .8036347 | 4.409710   | 7.557445 | -.426646 |
| #3     | 2.342247 | .0952779 | .8127754 | 4.512567   | 7.571174 | -.428937 |

Sample Name: P5198-17      Acquired: 01/09/2025 20:46:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018818 | 9.172548 | 6.283309 | .0290923 | .4517557 | 2.923226 |
| Stddev | .0013700 | .019831  | .050301  | .0035700 | .0043507 | .022909  |
| %RSD   | 72.80428 | .2162047 | .8005520 | 12.27112 | .9630733 | .7836905 |
| #1     | .0003873 | 9.162861 | 6.230013 | .0268224 | .4467389 | 2.897989 |
| #2     | .0030782 | 9.159422 | 6.329953 | .0272472 | .4540346 | 2.942711 |
| #3     | .0021799 | 9.195361 | 6.289963 | .0332072 | .4544936 | 2.928977 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0421148 |
| Stddev | .0014858 |
| %RSD   | 3.528074 |
| #1     | .0404317 |
| #2     | .0426682 |
| #3     | .0432446 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2253.202 | 20386.60 | 989.5964 | 1677.351 | 1752.723 |
| Stddev    | 8.979    | 48.12    | 7.7635   | 9.420    | 5.310    |
| %RSD      | .3985044 | .2360472 | .7845089 | .5616068 | .3029642 |
| #1        | 2247.245 | 20418.06 | 997.7535 | 1672.861 | 1747.337 |
| #2        | 2263.530 | 20410.53 | 982.2980 | 1688.176 | 1757.954 |
| #3        | 2248.832 | 20331.20 | 988.7375 | 1671.016 | 1752.879 |

Sample Name: P5198-18      Acquired: 01/09/2025 20:50:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0631892 | -.027338 | .2911214 | .0765201 | .0297481 | 86.66910 | .7815310 |
| Stddev | .0043281 | .001267  | .0027796 | .0062146 | .0017631 | .68923   | .0037429 |
| %RSD   | 6.849367 | 4.633596 | .9547827 | 8.121561 | 5.926802 | .7952470 | .4789143 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0681833 | -.026439 | .2939451 | .0828980 | .0293996 | 87.06344 | .7832388 |
| #2 | .0608532 | -.026788 | .2910310 | .0761794 | .0281852 | 87.07061 | .7772388 |
| #3 | .0605309 | -.028786 | .2883882 | .0704828 | .0316594 | 85.87326 | .7841153 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054016 | .0025800 | 33.53382 | .1218382 | .0166379 | .1512202 | 139.4625 |
| Stddev | .0000903 | .0001235 | .15176   | .0016892 | .0004870 | .0010761 | .8753    |
| %RSD   | 1.672478 | 4.787834 | .4525695 | 1.386438 | 2.927020 | .7115942 | .6276454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053331 | .0025295 | 33.67197 | .1208373 | .0172002 | .1507200 | 140.2035 |
| #2 | .0055040 | .0027208 | 33.55812 | .1237885 | .0163545 | .1504853 | 139.6873 |
| #3 | .0053677 | .0024898 | 33.37137 | .1208888 | .0163589 | .1524554 | 138.4967 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.603403 | 22.90733 | .1683932 | .0032167 | .4685093 | .1749749 | .4174742 |
| Stddev | .025380  | .38287   | .0020792 | .0015193 | .0148893 | .0000492 | .0013343 |
| %RSD   | .5513301 | 1.671394 | 1.234760 | 47.23120 | 3.178025 | .0281489 | .3196021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.630979 | 23.34546 | .1705250 | .0015280 | .4842649 | .1749282 | .4169238 |
| #2 | 4.581024 | 22.73950 | .1682837 | .0044727 | .4546722 | .1750264 | .4165033 |
| #3 | 4.598206 | 22.63704 | .1663708 | .0036492 | .4665908 | .1749702 | .4189957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.842172 | 8.343213 | -.456364 | .0086942 | 3.035444 | 12.92382 | .0252179 |
| Stddev | .059963  | .053271  | .004712  | .0007365 | .008546  | .05100   | .0011707 |
| %RSD   | 1.238343 | .6384947 | 1.032561 | 8.471603 | .2815462 | .3946269 | 4.642284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.817551 | 8.384584 | -.456048 | .0082529 | 3.043171 | 12.94974 | .0253734 |
| #2 | 4.798439 | 8.361951 | -.451818 | .0095444 | 3.036896 | 12.86507 | .0263031 |
| #3 | 4.910526 | 8.283105 | -.461227 | .0082852 | 3.026265 | 12.95666 | .0239773 |

Sample Name: P5198-18      Acquired: 01/09/2025 20:50:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8943512 | -.054944 | .0609447 |
| Stddev | .0131442 | .000901  | .0078082 |
| %RSD   | 1.469695 | 1.639463 | 12.81197 |
| #1     | .8985839 | -.055066 | .0526263 |
| #2     | .8796121 | -.055778 | .0620920 |
| #3     | .9048576 | -.053989 | .0681157 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2411.017 | 22065.47 | 963.8605 | 1794.510 | 2381.319 |
| Stddev    | 9.634    | 80.95    | 1.7390   | 9.076    | 4.500    |
| %RSD      | .3995806 | .3668805 | .1804169 | .5057687 | .1889694 |
| #1        | 2399.896 | 22015.22 | 962.1091 | 1797.595 | 2376.824 |
| #2        | 2416.335 | 22022.33 | 965.5868 | 1784.294 | 2381.309 |
| #3        | 2416.820 | 22158.85 | 963.8858 | 1801.641 | 2385.824 |

Sample Name: P5198-19      Acquired: 01/09/2025 20:54:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1532160 | -.034752 | 1.601028 | .1094592 | .0413709 | 93.37895 | 1.282916 |
| Stddev | .0022575 | .006842  | .003811  | .0048721 | .0041841 | .05292   | .000819  |
| %RSD   | 1.473412 | 19.68820 | .2380095 | 4.451035 | 10.11363 | .0566724 | .0638145 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1556085 | -.026959 | 1.597697 | .1045262 | .0394596 | 93.39524 | 1.282137 |
| #2 | .1529159 | -.039772 | 1.605183 | .1142679 | .0384837 | 93.42180 | 1.283769 |
| #3 | .1511235 | -.037525 | 1.600204 | .1095834 | .0461693 | 93.31979 | 1.282841 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076843 | .0060698 | 38.60637 | .1422328 | .0391976 | .3878197 | 184.7478 |
| Stddev | .0001231 | .0001734 | .17400   | .0011704 | .0005354 | .0036784 | .3369    |
| %RSD   | 1.601528 | 2.856967 | .4507061 | .8229072 | 1.365819 | .9484844 | .1823712 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075423 | .0060206 | 38.77843 | .1427674 | .0387796 | .3854592 | 185.1165 |
| #2 | .0077595 | .0062625 | 38.43049 | .1408905 | .0398010 | .3920580 | 184.6710 |
| #3 | .0077512 | .0059264 | 38.61018 | .1430405 | .0390122 | .3859418 | 184.4560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.878346 | 22.79539 | .1456961 | .0064834 | .6298980 | .2151013 | 1.156641 |
| Stddev | .019335  | .24836   | .0012649 | .0010418 | .0344847 | .0005411 | .007768  |
| %RSD   | .2810940 | 1.089536 | .8682128 | 16.06899 | 5.474655 | .2515417 | .6715661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.899228 | 22.88080 | .1468971 | .0076283 | .6302969 | .2156644 | 1.162174 |
| #2 | 6.874744 | 22.51559 | .1458154 | .0055911 | .6641815 | .2150540 | 1.159987 |
| #3 | 6.861066 | 22.98977 | .1443757 | .0062309 | .5952155 | .2145854 | 1.147761 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.514092 | 8.076876 | -.607227 | .0085478 | 1.821359 | 12.42291 | .0749463 |
| Stddev | .079551  | .007620  | .004260  | .0011448 | .009180  | .03581   | .0005058 |
| %RSD   | .8361393 | .0943480 | .7015234 | 13.39313 | .5040406 | .2882260 | .6749153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.490622 | 8.085530 | -.607784 | .0075116 | 1.819754 | 12.39674 | .0746299 |
| #2 | 9.448916 | 8.073928 | -.611182 | .0083552 | 1.831236 | 12.46372 | .0746793 |
| #3 | 9.602738 | 8.071169 | -.602717 | .0097768 | 1.813086 | 12.40828 | .0755297 |

Sample Name: P5198-19      Acquired: 01/09/2025 20:54:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHMW9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5782060 | -.042865 | .0540001 |
| Stddev | .0072423 | .000598  | .0026246 |
| %RSD   | 1.252540 | 1.395779 | 4.860353 |
| #1     | .5721055 | -.042915 | .0512624 |
| #2     | .5862098 | -.043437 | .0542432 |
| #3     | .5763025 | -.042243 | .0564947 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2468.172 | 22369.34 | 1008.557 | 1841.081 | 2350.328 |
| Stddev    | 1.620    | 95.16    | 1.449    | 6.029    | 2.262    |
| %RSD      | .0656278 | .4253872 | .1436633 | .3274439 | .0962345 |
| #1        | 2466.302 | 22427.09 | 1010.221 | 1834.385 | 2352.880 |
| #2        | 2469.079 | 22421.41 | 1007.576 | 1842.783 | 2348.571 |
| #3        | 2469.136 | 22259.51 | 1007.874 | 1846.076 | 2349.532 |

Sample Name: P5202-01      Acquired: 01/09/2025 20:58:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0942256 | -.010802 | .2617684 | .0561679 | .0338418 | 68.80846 | .5597768 |
| Stddev | .0061836 | .002518  | .0027673 | .0097624 | .0012124 | .30456   | .0051485 |
| %RSD   | 6.562555 | 23.30961 | 1.057163 | 17.38070 | 3.582676 | .4426234 | .9197372 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0896616 | -.008571 | .2645805 | .0655445 | .0327629 | 68.72223 | .5539296 |
| #2 | .1012631 | -.013532 | .2616767 | .0568982 | .0351539 | 68.55631 | .5636302 |
| #3 | .0917522 | -.010302 | .2590481 | .0460608 | .0336085 | 69.14684 | .5617705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062683 | .0024005 | 260.9424 | .0901715 | .0648188 | .3915704 | 164.4525 |
| Stddev | .0001950 | .0001715 | .9707    | .0000744 | .0009996 | .0020760 | .4535    |
| %RSD   | 3.111362 | 7.142612 | .3719987 | .0825532 | 1.542125 | .5301735 | .2757766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061421 | .0022037 | 260.3568 | .0900986 | .0641688 | .3922732 | 164.4049 |
| #2 | .0061700 | .0024805 | 260.4075 | .0901686 | .0643178 | .3892342 | 164.0247 |
| #3 | .0064930 | .0025174 | 262.0629 | .0902474 | .0659698 | .3932037 | 164.9280 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.193898 | 53.85838 | .1547688 | .0048389 | .9131144 | .1583250 | .2704944 |
| Stddev | .014462  | .18504   | .0015041 | .0012125 | .0290345 | .0010187 | .0037131 |
| %RSD   | .1765004 | .3435736 | .9718322 | 25.05662 | 3.179726 | .6434020 | 1.372699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.203073 | 53.78375 | .1530429 | .0034936 | .9180953 | .1577849 | .2675026 |
| #2 | 8.177227 | 53.72230 | .1558002 | .0051761 | .8819116 | .1576901 | .2746499 |
| #3 | 8.201395 | 54.06908 | .1554632 | .0058471 | .9393363 | .1595000 | .2693306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.198255 | 9.782793 | -.513237 | .0075194 | .8513753 | 9.099425 | .0284179 |
| Stddev | .183554  | .030803  | .002308  | .0001809 | .0038019 | .037921  | .0002931 |
| %RSD   | 3.531068 | .3148696 | .4497667 | 2.405528 | .4465631 | .4167409 | 1.031471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.995189 | 9.774300 | -.511374 | .0076769 | .8552402 | 9.070650 | .0283406 |
| #2 | 5.247203 | 9.757127 | -.512519 | .0075594 | .8512462 | 9.085229 | .0287420 |
| #3 | 5.352372 | 9.816952 | -.515820 | .0073219 | .8476396 | 9.142396 | .0281712 |



Sample Name: P5202-01      Acquired: 01/09/2025 20:58:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7239835 | .1566137 | .0460073 |
| Stddev | .0058347 | .0013999 | .0017684 |
| %RSD   | .8059199 | .8938572 | 3.843751 |
| #1     | .7280155 | .1562492 | .0451717 |
| #2     | .7172930 | .1554321 | .0448115 |
| #3     | .7266421 | .1581598 | .0480386 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2740.894 | 24804.33 | 1131.710 | 2051.194 | 2155.918 |
| Stddev    | 13.076   | 46.14    | 6.509    | 7.163    | 9.801    |
| %RSD      | .4770761 | .1860109 | .5751657 | .3492023 | .4545963 |
| #1        | 2753.905 | 24751.86 | 1133.396 | 2051.391 | 2163.557 |
| #2        | 2741.026 | 24822.53 | 1137.211 | 2043.934 | 2159.328 |
| #3        | 2727.753 | 24838.58 | 1124.524 | 2058.255 | 2144.867 |

Sample Name: CCV141      Acquired: 01/09/2025 21:01:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV141      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.841878 | 4.664747 | 23.80993 | 4.881245 | 4.783949 | 395.5847   |
| Stddev | .014925  | .027608  | .15536   | .037499  | .024428  | 4.3743     |
| %RSD   | .3082576 | .5918383 | .6525003 | .7682245 | .5106296 | 1.105792   |
| #1     | 4.838882 | 4.696238 | 23.98922 | 4.923966 | 4.811423 | 399.1815   |
| #2     | 4.858074 | 4.653296 | 23.71494 | 4.853772 | 4.764677 | 390.7151   |
| #3     | 4.828678 | 4.644707 | 23.72563 | 4.865997 | 4.775748 | 396.8575   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.03761 | .5062103 | 2.407973 | 399.2989 | 15.02807 | 2.312368   |
| Stddev | .10145   | .0109999 | .018217  | 4.2362   | .14079   | .016507    |
| %RSD   | 1.010695 | 2.172988 | .7565280 | 1.060911 | .9368449 | .7138444   |
| #1     | 10.13310 | .5108097 | 2.429003 | 403.2655 | 15.16659 | 2.331285   |
| #2     | 9.93110  | .4936572 | 2.397032 | 394.8367 | 15.03249 | 2.300888   |
| #3     | 10.04862 | .5141640 | 2.397885 | 399.7945 | 14.88512 | 2.304931   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 14.85842 | 396.1422 | 14.62916 | 399.6169 | 2.423713 | 1.234706   |
| Stddev | .30340   | 3.2213   | .12792   | 3.6307   | .018200  | .009687    |
| %RSD   | 2.041954 | .8131752 | .8744236 | .9085491 | .7509099 | .7845843   |
| #1     | 14.99232 | 397.9158 | 14.69279 | 402.6368 | 2.444442 | 1.245304   |
| #2     | 14.51110 | 392.4239 | 14.48190 | 395.5886 | 2.410355 | 1.232506   |
| #3     | 15.07184 | 398.0870 | 14.71279 | 400.6254 | 2.416342 | 1.226308   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 419.3840 | 2.461749 | 14.31537 | 155.3998 | 4.749641 | F 4.076999 |
| Stddev | 6.5526   | .043566  | .24168   | 1.9564   | .030421  | .076965    |
| %RSD   | 1.562437 | 1.769713 | 1.688281 | 1.258971 | .6404978 | 1.887779   |
| #1     | 418.5266 | 2.481419 | 14.41754 | 156.1577 | 4.783989 | 4.103247   |
| #2     | 413.3023 | 2.411817 | 14.48919 | 153.1778 | 4.726093 | 3.990343   |
| #3     | 426.3231 | 2.492012 | 14.03938 | 156.8638 | 4.738841 | 4.137405   |

Sample Name: CCV141      Acquired: 01/09/2025 21:01:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV141      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.736532 | 4.790210 | 4.817077 | 4.815796 | 4.920358 | 4.727569 |
| Stddev | .039610  | .035349  | .109824  | .032081  | .062008  | .050707  |
| %RSD   | .8362572 | .7379516 | 2.279896 | .6661645 | 1.260243 | 1.072571 |
| #1     | 4.781436 | 4.828480 | 4.871344 | 4.852796 | 4.984048 | 4.772431 |
| #2     | 4.706552 | 4.758781 | 4.690683 | 4.795740 | 4.860181 | 4.672554 |
| #3     | 4.721609 | 4.783368 | 4.889205 | 4.798850 | 4.916845 | 4.737722 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.034857 |
| Stddev | .040337  |
| %RSD   | .8011452 |
| #1     | 5.062062 |
| #2     | 4.988514 |
| #3     | 5.053997 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1836.806 | 17047.57 | 811.0984 | 1380.984 | 1820.390 |
| Stddev    | 15.491   | 252.43   | 8.6310   | 30.755   | 12.521   |
| %RSD      | .8433607 | 1.480731 | 1.064114 | 2.227029 | .6877992 |
| #1        | 1820.210 | 16957.11 | 807.0959 | 1375.329 | 1806.682 |
| #2        | 1850.883 | 16852.84 | 821.0040 | 1353.449 | 1831.224 |
| #3        | 1839.326 | 17332.77 | 805.1952 | 1414.174 | 1823.265 |

Sample Name: CCB141      Acquired: 01/09/2025 21:05:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB141      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004187 | .0019337 | -.001504 | -.009415 | -.004751 | -.012557 |
| Stddev | .002701  | .0027635 | .002272  | .006373  | .000521  | .004191  |
| %RSD   | 64.49197 | 142.9174 | 151.0208 | 67.68663 | 10.95701 | 33.37362 |
| #1     | -.003472 | .0003017 | -.003947 | -.004949 | -.004420 | -.017290 |
| #2     | -.001917 | .0051244 | .000545  | -.006583 | -.005351 | -.009317 |
| #3     | -.007174 | .0003748 | -.001111 | -.016712 | -.004483 | -.011065 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003551 | -.000369 | .0000320 | .0183898 | -.000236 | .0001208 |
| Stddev | .002860  | .000328  | .0001394 | .0526860 | .000168  | .0004702 |
| %RSD   | 80.55259 | 88.98459 | 435.5980 | 286.4957 | 70.98582 | 389.3404 |
| #1     | -.000778 | -.000603 | -.000060 | -.031563 | -.000089 | -.000338 |
| #2     | -.006491 | .000006  | .000192  | .013294  | -.000201 | .000098  |
| #3     | -.003383 | -.000509 | -.000037 | .073439  | -.000419 | .000602  |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009000 | .0077679 | .0012882 | -.132535 | .0011174 | -.001691 |
| Stddev | .0013373 | .0872818 | .0037478 | .251260  | .0011155 | .000720  |
| %RSD   | 148.5944 | 1123.622 | 290.9354 | 189.5800 | 99.83573 | 42.56184 |
| #1     | .0020501 | -.026414 | -.003006 | .154880  | .0019298 | -.001443 |
| #2     | -.000567 | .106967  | .002970  | -.241948 | -.000155 | -.001128 |
| #3     | .001217  | -.057250 | .003901  | -.310538 | .001577  | -.002502 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0190471 | .0014527 | .0014823 | .9294811 | -.002245 | .0195612 |
| Stddev | .0134470 | .0009530 | .0010378 | .4412402 | .001568  | .0023549 |
| %RSD   | 70.59865 | 65.60467 | 70.01239 | 47.47167 | 69.84567 | 12.03872 |
| #1     | .0043503 | .0006396 | .0014540 | 1.124602 | -.002559 | .0220869 |
| #2     | .0307343 | .0012169 | .0025338 | 1.239522 | -.000544 | .0191707 |
| #3     | .0220569 | .0025015 | .0004589 | .424319  | -.003633 | .0174259 |

Sample Name: CCB141      Acquired: 01/09/2025 21:05:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB141      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002105 | .0000894 | .0014523 | -.001196 | .0067154 | .0002940 |
| Stddev | .0003039 | .0034857 | .0004626 | .000523  | .0015818 | .0003970 |
| %RSD   | 144.4035 | 3900.878 | 31.85584 | 43.67200 | 23.55543 | 135.0061 |
| #1     | .0003284 | .0040037 | .0017057 | -.001745 | .0075752 | -.000164 |
| #2     | .0004378 | -.002679 | .0009183 | -.001139 | .0048899 | .000527  |
| #3     | -.000135 | -.001056 | .0017329 | -.000705 | .0076812 | .000519  |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0468155 |
| Stddev | .0130703   |
| %RSD   | 27.91864   |
| #1     | .0615411   |
| #2     | .0423159   |
| #3     | .0365894   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2198.949 | 20317.97 | 883.6323 | 1673.675 | 2581.486 |
| Stddev    | 6.284    | 205.14   | 2.3558   | 21.854   | 8.500    |
| %RSD      | .2857807 | 1.009659 | .2666014 | 1.305772 | .3292729 |
| #1        | 2204.396 | 20196.08 | 884.9849 | 1658.911 | 2590.374 |
| #2        | 2200.378 | 20203.01 | 880.9121 | 1663.333 | 2580.648 |
| #3        | 2192.074 | 20554.81 | 885.0000 | 1698.781 | 2573.436 |

Sample Name: P5202-02      Acquired: 01/09/2025 21:09:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0839409 | -.010239 | .7204463 | .0424280 | .0193778 | 58.62989 | .6846680 |
| Stddev | .0003813 | .003419  | .0048239 | .0099314 | .0027322 | .30805   | .0090367 |
| %RSD   | .4542228 | 33.38770 | .6695646 | 23.40765 | 14.09957 | .5254202 | 1.319864 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0843296 | -.006299 | .7148775 | .0320328 | .0223905 | 58.61295 | .6902498 |
| #2 | .0835675 | -.012411 | .7231268 | .0434319 | .0186823 | 58.94606 | .6895121 |
| #3 | .0839257 | -.012009 | .7233346 | .0518194 | .0170606 | 58.33065 | .6742420 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041436 | .0032428 | 117.6806 | .0957306 | .0342440 | .2235722 | 109.5309 |
| Stddev | .0003332 | .0001075 | .8062    | .0009651 | .0008764 | .0020623 | .5420    |
| %RSD   | 8.042063 | 3.315154 | .6851099 | 1.008106 | 2.559262 | .9224508 | .4947932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042501 | .0033351 | 117.8075 | .0956789 | .0343595 | .2259397 | 109.6904 |
| #2 | .0044105 | .0031247 | 118.4159 | .0967205 | .0333157 | .2221658 | 109.9752 |
| #3 | .0037701 | .0032684 | 116.8184 | .0947925 | .0350570 | .2226111 | 108.9271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.148682 | 38.82121 | .1264477 | .0034728 | .5683105 | .1342301 | .8408672 |
| Stddev | .027982  | .51912   | .0013387 | .0010287 | .0263480 | .0010627 | .0083415 |
| %RSD   | .5434710 | 1.337200 | 1.058661 | 29.62287 | 4.636194 | .7916818 | .9920180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.141976 | 39.26063 | .1249870 | .0035159 | .5379100 | .1352347 | .8492184 |
| #2 | 5.179407 | 38.95457 | .1276159 | .0024231 | .5845458 | .1331176 | .8325354 |
| #3 | 5.124663 | 38.24842 | .1267402 | .0044792 | .5824757 | .1343381 | .8408480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.668436 | 7.400287 | -.331729 | .0104247 | 3.720950 | 10.79573 | .0400818 |
| Stddev | .334014  | .054851  | .001500  | .0014593 | .020307  | .11103   | .0011118 |
| %RSD   | 5.892520 | .7412022 | .4522231 | 13.99879 | .5457353 | 1.028497 | 2.773782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.016312 | 7.354475 | -.332909 | .0109002 | 3.704784 | 10.86610 | .0388039 |
| #2 | 5.350269 | 7.385318 | -.332238 | .0087870 | 3.714325 | 10.85335 | .0406143 |
| #3 | 5.638726 | 7.461069 | -.330041 | .0115871 | 3.743742 | 10.66773 | .0408272 |

Sample Name: P5202-02      Acquired: 01/09/2025 21:09:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7087822 | .0315920 | .0422263 |
| Stddev | .0043574 | .0006207 | .0007891 |
| %RSD   | .6147763 | 1.964645 | 1.868863 |
| #1     | .7138124 | .0322562 | .0413270 |
| #2     | .7063658 | .0310267 | .0428033 |
| #3     | .7061683 | .0314929 | .0425487 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2374.227 | 21597.57 | 976.5712 | 1799.925 | 2320.790 |
| Stddev    | 7.412    | 33.06    | 9.1302   | 12.837   | 10.872   |
| %RSD      | .3121957 | .1530903 | .9349200 | .7131954 | .4684614 |
| #1        | 2380.481 | 21620.74 | 971.4788 | 1792.166 | 2328.893 |
| #2        | 2376.160 | 21559.71 | 971.1231 | 1814.743 | 2325.044 |
| #3        | 2366.039 | 21612.27 | 987.1118 | 1792.867 | 2308.435 |

Sample Name: P5202-03      Acquired: 01/09/2025 21:13:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0890590 | -.009515 | .7331363 | .0342179 | .0235181 | 60.59545 | .6923987 |
| Stddev | .0057053 | .001927  | .0029994 | .0008996 | .0055196 | .21574   | .0049239 |
| %RSD   | 6.406240 | 20.25456 | .4091194 | 2.628960 | 23.46947 | .3560394 | .7111306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0840230 | -.008762 | .7352701 | .0349806 | .0226577 | 60.67174 | .6914554 |
| #2 | .0952553 | -.011705 | .7297069 | .0344473 | .0294173 | 60.35193 | .6880147 |
| #3 | .0878987 | -.008078 | .7344321 | .0332259 | .0184792 | 60.76269 | .6977260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045336 | .0032580 | 139.4626 | .0943507 | .0361263 | .2467389 | 121.7579 |
| Stddev | .0002464 | .0000953 | .1004    | .0000398 | .0004085 | .0008786 | .2899    |
| %RSD   | 5.435682 | 2.923838 | .0720181 | .0422018 | 1.130642 | .3560891 | .2380784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047871 | .0032034 | 139.3744 | .0943475 | .0359820 | .2477001 | 121.4531 |
| #2 | .0045186 | .0032026 | 139.4414 | .0943921 | .0358096 | .2465393 | 121.7905 |
| #3 | .0042950 | .0033680 | 139.5719 | .0943127 | .0365874 | .2459773 | 122.0301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.397747 | 40.80322 | .1298626 | .0034201 | .9006775 | .1432698 | .8656803 |
| Stddev | .027045  | .07406   | .0015801 | .0010024 | .0161852 | .0006711 | .0070906 |
| %RSD   | .5010498 | .1815008 | 1.216727 | 29.30993 | 1.797000 | .4684290 | .8190732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.366529 | 40.78369 | .1309403 | .0024926 | .8890473 | .1437486 | .8715066 |
| #2 | 5.412634 | 40.74088 | .1280487 | .0032841 | .9191620 | .1425027 | .8577855 |
| #3 | 5.414077 | 40.88508 | .1305987 | .0044836 | .8938233 | .1435581 | .8677489 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.696870 | 6.901737 | -.379332 | .0101728 | 3.287132 | 11.02764 | .0470223 |
| Stddev | .089333  | .009718  | .004658  | .0014361 | .011814  | .03979   | .0026489 |
| %RSD   | 1.901971 | .1408012 | 1.227891 | 14.11743 | .3594064 | .3607894 | 5.633231 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.658581 | 6.912818 | -.381190 | .0116713 | 3.288467 | 11.07162 | .0497037 |
| #2 | 4.798966 | 6.897728 | -.374032 | .0088085 | 3.274707 | 11.01715 | .0469560 |
| #3 | 4.633064 | 6.894666 | -.382775 | .0100386 | 3.298222 | 10.99415 | .0444072 |



Sample Name: P5202-03      Acquired: 01/09/2025 21:13:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7014513 | .0528214 | .0324222 |
| Stddev | .0153472 | .0001465 | .0085443 |
| %RSD   | 2.187927 | .2773960 | 26.35333 |
| #1     | .6928229 | .0528554 | .0311245 |
| #2     | .6923602 | .0529479 | .0415411 |
| #3     | .7191708 | .0526608 | .0246009 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2387.911 | 21662.93 | 976.6738 | 1806.209 | 2309.919 |
| Stddev    | 7.179    | 42.54    | 3.1167   | 6.640    | 5.671    |
| %RSD      | .3006296 | .1963649 | .3191141 | .3676284 | .2455103 |
| #1        | 2381.556 | 21700.57 | 973.2253 | 1803.203 | 2303.474 |
| #2        | 2386.479 | 21616.78 | 977.5069 | 1813.820 | 2312.134 |
| #3        | 2395.698 | 21671.44 | 979.2894 | 1801.603 | 2314.148 |

Sample Name: P5202-04      Acquired: 01/09/2025 21:17:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1302765 | -.000907 | .8001141 | .0438403 | .0324190 | 64.49868 | 1.057971 |
| Stddev | .0055739 | .006016  | .0002909 | .0032594 | .0017624 | .51617   | .007411  |
| %RSD   | 4.278516 | 663.0123 | .0363540 | 7.434723 | 5.436280 | .8002819 | .7004616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1367091 | .005508  | .8001615 | .0475459 | .0340662 | 65.02561 | 1.065718 |
| #2 | .1268741 | -.001806 | .8003783 | .0414175 | .0305605 | 63.99399 | 1.050950 |
| #3 | .1272463 | -.006424 | .7998024 | .0425573 | .0326302 | 64.47645 | 1.057245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053816 | .0044481 | 335.9151 | .1138230 | .0595152 | .3155332 | 153.2719 |
| Stddev | .0005303 | .0000208 | 2.6720   | .0008062 | .0013566 | .0062936 | 1.3646   |
| %RSD   | 9.854158 | .4675055 | .7954286 | .7082458 | 2.279467 | 1.994594 | .8902893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055641 | .0044347 | 338.9318 | .1143465 | .0579576 | .3227750 | 154.6504 |
| #2 | .0047841 | .0044375 | 333.8464 | .1128946 | .0604388 | .3113863 | 151.9218 |
| #3 | .0057966 | .0044720 | 334.9671 | .1142278 | .0601491 | .3124383 | 153.2436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.919466 | 86.53205 | .1572488 | .0062861 | .8943849 | .1609723 | .8272485 |
| Stddev | .115361  | .92621   | .0022001 | .0011522 | .0230382 | .0011037 | .0022498 |
| %RSD   | 1.162979 | 1.070372 | 1.399107 | 18.32861 | 2.575871 | .6856740 | .2719622 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.03579 | 87.50675 | .1553001 | .0073357 | .9154734 | .1620901 | .8252907 |
| #2 | 9.80510  | 85.66346 | .1568117 | .0064693 | .8697973 | .1598831 | .8297062 |
| #3 | 9.91751  | 86.42595 | .1596347 | .0050533 | .8978839 | .1609438 | .8267485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.013309 | 7.153407 | -.464944 | .0109463 | 2.354239 | 11.88219 | .0552245 |
| Stddev | .364533  | .002569  | .007031  | .0010756 | .001745  | .15083   | .0018653 |
| %RSD   | 5.197736 | .0359116 | 1.512262 | 9.826331 | .0741004 | 1.269402 | 3.377732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.426682 | 7.151726 | -.471781 | .0111963 | 2.352786 | 12.05631 | .0549509 |
| #2 | 6.737873 | 7.152129 | -.465317 | .0097677 | 2.356174 | 11.79142 | .0572115 |
| #3 | 6.875373 | 7.156364 | -.457734 | .0118750 | 2.353757 | 11.79885 | .0535111 |

Sample Name: P5202-04      Acquired: 01/09/2025 21:17:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6950425 | .1773643 | .0597180 |
| Stddev | .0122330 | .0019931 | .0137769 |
| %RSD   | 1.760039 | 1.123717 | 23.06989 |
| #1     | .7085505 | .1795358 | .0753799 |
| #2     | .6918658 | .1756185 | .0494724 |
| #3     | .6847113 | .1769384 | .0543016 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2418.430 | 21876.72 | 999.4167 | 1827.847 | 2123.799 |
| Stddev    | 12.852   | 106.50   | 9.4864   | 9.718    | 12.443   |
| %RSD      | .5314219 | .4868210 | .9491961 | .5316778 | .5858651 |
| #1        | 2425.085 | 21927.75 | 989.0480 | 1838.320 | 2130.681 |
| #2        | 2426.589 | 21948.11 | 1007.660 | 1826.100 | 2131.281 |
| #3        | 2403.615 | 21754.31 | 1001.542 | 1819.121 | 2109.436 |

Sample Name: P5202-05      Acquired: 01/09/2025 21:21:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1458816 | -.009156 | 1.166266 | .0508313 | .0295776 | 63.75467 | .9904027 |
| Stddev | .0047516 | .004509  | .006796  | .0039676 | .0044013 | .42070   | .0119364 |
| %RSD   | 3.257129 | 49.25158 | .5826997 | 7.805435 | 14.88036 | .6598738 | 1.205207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1457782 | -.008616 | 1.160730 | .0524653 | .0307238 | 63.28947 | .9766720 |
| #2 | .1411826 | -.004940 | 1.164218 | .0463076 | .0332924 | 64.10843 | .9983065 |
| #3 | .1506841 | -.013910 | 1.173851 | .0537210 | .0247167 | 63.86610 | .9962296 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061391 | .0048403 | 309.1658 | .1132598 | .0652073 | .9234233 | 168.8678 |
| Stddev | .0002403 | .0001574 | 2.7378   | .0007737 | .0010785 | .0101691 | 1.5716   |
| %RSD   | 3.914466 | 3.252424 | .8855584 | .6831124 | 1.653916 | 1.101238 | .9306507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060781 | .0049840 | 306.1599 | .1130640 | .0664521 | .9239763 | 167.1289 |
| #2 | .0064040 | .0048650 | 311.5168 | .1126028 | .0646139 | .9333046 | 170.1866 |
| #3 | .0059352 | .0046720 | 309.8207 | .1141125 | .0645558 | .9129890 | 169.2880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.715157 | 67.97592 | .2975393 | .0088240 | 1.229931 | .1549049 | .8241635 |
| Stddev | .084695  | .80347   | .0020255 | .0012097 | .022483  | .0021886 | .0050938 |
| %RSD   | .9718155 | 1.181988 | .6807574 | 13.70867 | 1.827996 | 1.412894 | .6180620 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.642726 | 67.27146 | .2991045 | .0101142 | 1.233236 | .1562597 | .8273186 |
| #2 | 8.808281 | 68.85099 | .2982618 | .0086423 | 1.250579 | .1560750 | .8182869 |
| #3 | 8.694465 | 67.80531 | .2952516 | .0077154 | 1.205979 | .1523799 | .8268849 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.283589 | 6.674168 | -.522573 | .0107348 | 2.163460 | 7.552086 | .0947311 |
| Stddev | .201218  | .030470  | .007443  | .0010354 | .003515  | .095769  | .0016178 |
| %RSD   | 2.762623 | .4565430 | 1.424269 | 9.645374 | .1624669 | 1.268111 | 1.707827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.188725 | 6.707290 | -.519238 | .0111379 | 2.167496 | 7.563765 | .0965752 |
| #2 | 7.147339 | 6.647328 | -.531100 | .0095585 | 2.161075 | 7.641480 | .0940679 |
| #3 | 7.514704 | 6.667886 | -.517381 | .0115081 | 2.161808 | 7.451014 | .0935502 |

Sample Name: P5202-05      Acquired: 01/09/2025 21:21:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9607851 | .1897297 | .0623606 |
| Stddev | .0064709 | .0004407 | .0034206 |
| %RSD   | .6734983 | .2322660 | 5.485112 |
| #1     | .9546898 | .1894562 | .0585082 |
| #2     | .9675754 | .1902381 | .0650413 |
| #3     | .9600903 | .1894948 | .0635323 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2445.268 | 22094.74 | 1015.986 | 1849.849 | 2129.479 |
| Stddev    | 6.264    | 98.50    | 10.150   | 10.394   | 4.838    |
| %RSD      | .2561855 | .4457990 | .9990254 | .5618814 | .2272007 |
| #1        | 2438.933 | 22204.23 | 1018.682 | 1855.484 | 2124.199 |
| #2        | 2445.411 | 22066.64 | 1004.761 | 1856.209 | 2130.538 |
| #3        | 2451.460 | 22013.35 | 1024.517 | 1837.855 | 2133.700 |

Sample Name: P5202-06      Acquired: 01/09/2025 21:24:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1792014 | -.012347 | 2.346322 | .0799342 | .0342565 | 60.46403 |
| Stddev | .0094646 | .005762  | .019081  | .0043968 | .0024406 | .61059   |
| %RSD   | 5.281542 | 46.66476 | .8132495 | 5.500508 | 7.124578 | 1.009843 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1848957 | -.011757 | 2.368218 | .0749250 | .0344648 | 60.18100 |
| #2 | .1844326 | -.018381 | 2.337502 | .0831549 | .0317184 | 61.16478 |
| #3 | .1682759 | -.006903 | 2.333245 | .0817226 | .0365863 | 60.04632 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.771217 | .0078437 | .0058927 | 174.3449 | .1026946 | .0776204 |
| Stddev | .010044  | .0000995 | .0002142 | .8498    | .0001984 | .0028741 |
| %RSD   | .5670515 | 1.268863 | 3.634131 | .4874224 | .1931800 | 3.702751 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.765954 | .0079478 | .0060986 | 173.7455 | .1026450 | .0806932 |
| #2 | 1.782799 | .0078336 | .0059083 | 175.3174 | .1029131 | .0749983 |
| #3 | 1.764899 | .0077495 | .0056712 | 173.9717 | .1025257 | .0771697 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3831789 | 176.4241 | 13.67592 | 43.14612 | .1635343 | .0081999 |
| Stddev | .0051789 | 1.8880   | .12461   | .35465   | .0014799 | .0014397 |
| %RSD   | 1.351559 | 1.070148 | .9111613 | .8219690 | .9049570 | 17.55793 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3805877 | 174.7116 | 13.62170 | 42.76189 | .1650796 | .0068507 |
| #2 | .3891420 | 178.4487 | 13.81845 | 43.46091 | .1633936 | .0097157 |
| #3 | .3798071 | 176.1120 | 13.58761 | 43.21556 | .1621298 | .0080332 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.076570 | .1670634 | 1.190779 | 8.754561 | F 13.62590 | -.570629 |
| Stddev | .022186  | .0010301 | .009343  | .191195  | .14420     | .012031  |
| %RSD   | 2.060786 | .6165878 | .7846321 | 2.183946 | 1.058252   | 2.108397 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.051927 | .1663333 | 1.194761 | 8.814466 | 13.78942 | -.557769 |
| #2 | 1.094954 | .1682417 | 1.180105 | 8.908630 | 13.57133 | -.581611 |
| #3 | 1.082829 | .1666153 | 1.197472 | 8.540587 | 13.51696 | -.572506 |

Sample Name: P5202-06      Acquired: 01/09/2025 21:24:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139907 | 3.063242 | 10.23132 | .0965462 | .8469548 | .1234314 |
| Stddev | .0005165 | .020161  | .13055   | .0006088 | .0017925 | .0004607 |
| %RSD   | 3.691814 | .6581604 | 1.275967 | .6305271 | .2116383 | .3732386 |
| #1     | .0139379 | 3.086505 | 10.15343 | .0965335 | .8470093 | .1239631 |
| #2     | .0135026 | 3.052384 | 10.38203 | .0959439 | .8451357 | .1231801 |
| #3     | .0145316 | 3.050837 | 10.15849 | .0971612 | .8487194 | .1231510 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0592760 |
| Stddev | .0052160 |
| %RSD   | 8.799464 |
| #1     | .0586559 |
| #2     | .0543979 |
| #3     | .0647744 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2528.570 | 22779.66 | 1039.507 | 1909.240 | 2224.589 |
| Stddev    | 21.304   | 41.27    | 11.387   | 13.018   | 20.624   |
| %RSD      | .8425177 | .1811562 | 1.095463 | .6818460 | .9270980 |
| #1        | 2507.418 | 22738.45 | 1047.225 | 1906.191 | 2202.078 |
| #2        | 2550.023 | 22779.55 | 1026.429 | 1923.512 | 2242.574 |
| #3        | 2528.269 | 22820.98 | 1044.868 | 1898.017 | 2229.115 |

Sample Name: P5202-07      Acquired: 01/09/2025 21:28:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1343632 | -.013139 | .5898879 | .0555162 | .0333317   | 60.99943 |
| Stddev | .0043906 | .002122  | .0062311 | .0077917 | .0035743   | .65241   |
| %RSD   | 3.267715 | 16.14761 | 1.056321 | 14.03504 | 10.72340   | 1.069527 |
| #1     | .1393997 | -.014695 | .5913392 | .0611119 | .0373972   | 60.25327 |
| #2     | .1313422 | -.010722 | .5830592 | .0588197 | .0319149   | 61.46236 |
| #3     | .1323477 | -.014001 | .5952652 | .0466170 | .0306830   | 61.28265 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9580197 | .0054064 | .0034598 | 250.5919 | .0990988   | .0595178 |
| Stddev | .0103262 | .0002466 | .0001040 | 2.5103   | .0012360   | .0020230 |
| %RSD   | 1.077870 | 4.560615 | 3.005264 | 1.001752 | 1.247261   | 3.399044 |
| #1     | .9464962 | .0056848 | .0033414 | 247.7722 | .1005124   | .0611011 |
| #2     | .9611289 | .0052156 | .0035014 | 251.4197 | .0985624   | .0572387 |
| #3     | .9664341 | .0053189 | .0035365 | 252.5838 | .0982216   | .0602137 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2741961 | 165.7858 | 9.354540 | 51.79749 | .1530480   | .0060516 |
| Stddev | .0015693 | 1.7873   | .105543  | .57733   | .0009269   | .0019884 |
| %RSD   | .5723163 | 1.078085 | 1.128255 | 1.114598 | .6056248   | 32.85710 |
| #1     | .2724128 | 163.7289 | 9.238054 | 51.13235 | .1531775   | .0040723 |
| #2     | .2753664 | 166.6679 | 9.381757 | 52.16884 | .1520632   | .0080489 |
| #3     | .2748090 | 166.9606 | 9.443809 | 52.09129 | .1539033   | .0060337 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.045942 | .1669355 | .6014048 | 6.537003 | F 15.20997 | -.533823 |
| Stddev | .034113  | .0018952 | .0008993 | .043559  | .06349     | .002979  |
| %RSD   | 3.261439 | 1.135279 | .1495368 | .6663428 | .4174269   | .5580342 |
| #1     | 1.028026 | .1649710 | .6010011 | 6.557631 | 15.17483   | -.536944 |
| #2     | 1.085280 | .1670827 | .6007780 | 6.566416 | 15.17182   | -.533513 |
| #3     | 1.024521 | .1687527 | .6024352 | 6.486962 | 15.28326   | -.531011 |



Sample Name: P5202-07      Acquired: 01/09/2025 21:28:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081283 | 1.175866 | 10.34590 | .0401907 | .7703210 | .2064079 |
| Stddev | .0012622 | .009334  | .03595   | .0014487 | .0096114 | .0020154 |
| %RSD   | 15.52887 | .7938339 | .3475143 | 3.604661 | 1.247716 | .9763907 |
| #1     | .0086962 | 1.173186 | 10.30521 | .0385628 | .7613992 | .2041050 |
| #2     | .0066819 | 1.168164 | 10.37338 | .0406713 | .7690653 | .2078492 |
| #3     | .0090069 | 1.186247 | 10.35912 | .0413381 | .7804986 | .2072697 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0640683 |
| Stddev | .0021857 |
| %RSD   | 3.411543 |
| #1     | .0625353 |
| #2     | .0630984 |
| #3     | .0665711 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2571.573 | 23068.35 | 1061.466 | 1947.144 | 2151.850 |
| Stddev    | 11.813   | 115.18   | 4.491    | 8.131    | 7.658    |
| %RSD      | .4593708 | .4992902 | .4230523 | .4176007 | .3558822 |
| #1        | 2567.288 | 23081.61 | 1063.470 | 1941.486 | 2150.308 |
| #2        | 2584.930 | 23176.33 | 1064.606 | 1956.462 | 2160.162 |
| #3        | 2562.499 | 22947.12 | 1056.322 | 1943.485 | 2145.081 |

Sample Name: P5202-08      Acquired: 01/09/2025 21:32:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1344325 | -.006730 | .3550543 | .0607084 | .0307884 | 61.58099 |
| Stddev | .0055513 | .002885  | .0012567 | .0049282 | .0032492 | .88577   |
| %RSD   | 4.129446 | 42.86143 | .3539545 | 8.117799 | 10.55338 | 1.438374 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1362359 | -.008832 | .3541208 | .0589381 | .0345343 | 62.59112 |
| #2 | .1282036 | -.003441 | .3545588 | .0662771 | .0291005 | 61.21490 |
| #3 | .1388578 | -.007917 | .3564832 | .0569098 | .0287306 | 60.93696 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6809067 | .0050969 | .0026086 | 256.4960 | .0931919 | .0557519 |
| Stddev | .0067006 | .0002011 | .0000503 | 3.2374   | .0006539 | .0011056 |
| %RSD   | .9840715 | 3.945890 | 1.929096 | 1.262150 | .7017075 | 1.983029 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6886189 | .0053282 | .0026143 | 260.1766 | .0928040 | .0549082 |
| #2 | .6775890 | .0049633 | .0025557 | 255.2220 | .0939470 | .0553440 |
| #3 | .6765122 | .0049992 | .0026558 | 254.0895 | .0928249 | .0570034 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4593215 | 169.9120 | 10.25689 | 67.72748 | .1695369 | .0067110 |
| Stddev | .0054081 | 2.6087   | .15334   | 1.22580  | .0015171 | .0017188 |
| %RSD   | 1.177413 | 1.535343 | 1.494977 | 1.809901 | .8948403 | 25.61191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4648686 | 172.8682 | 10.42973 | 69.13341 | .1704932 | .0051519 |
| #2 | .4590318 | 168.9347 | 10.20378 | 67.16633 | .1677877 | .0064271 |
| #3 | .4540641 | 167.9330 | 10.13718 | 66.88270 | .1703299 | .0085541 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.015453 | .1520035 | .4188777 | 8.132637 | F 12.55837 | -.537147 |
| Stddev | .024210  | .0017185 | .0010533 | .379011  | .05968     | .008361  |
| %RSD   | 2.384150 | 1.130546 | .2514479 | 4.660366 | .4752185   | 1.556576 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.037858 | .1539706 | .4181900 | 8.559844 | 12.60813 | -.546760 |
| #2 | .989772  | .1507937 | .4200903 | 7.836755 | 12.49220 | -.531572 |
| #3 | 1.018728 | .1512463 | .4183530 | 8.001311 | 12.57476 | -.533108 |

Sample Name: P5202-08      Acquired: 01/09/2025 21:32:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081576 | .8044188 | 9.569555 | .0266086 | .6605030 | .1544695 |
| Stddev | .0008150 | .0064051 | .131034  | .0019820 | .0097681 | .0010892 |
| %RSD   | 9.990970 | .7962433 | 1.369278 | 7.448582 | 1.478892 | .7051011 |
| #1     | .0079801 | .7974346 | 9.718002 | .0260888 | .6596300 | .1557257 |
| #2     | .0074460 | .8058033 | 9.520682 | .0287986 | .6512007 | .1537886 |
| #3     | .0090468 | .8100184 | 9.469983 | .0249383 | .6706784 | .1538941 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0773057 |
| Stddev | .0041139 |
| %RSD   | 5.321654 |
| #1     | .0820307 |
| #2     | .0745186 |
| #3     | .0753678 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2535.010 | 22715.08 | 1038.750 | 1905.758 | 2161.868 |
| Stddev    | 9.913    | 82.69    | 16.419   | 13.208   | 8.214    |
| %RSD      | .3910349 | .3640235 | 1.580607 | .6930772 | .3799472 |
| #1        | 2529.009 | 22638.73 | 1020.191 | 1890.660 | 2157.278 |
| #2        | 2546.452 | 22703.62 | 1044.678 | 1911.434 | 2171.351 |
| #3        | 2529.569 | 22802.91 | 1051.382 | 1915.179 | 2156.974 |

Sample Name: P5202-09      Acquired: 01/09/2025 21:36:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1193854 | -.007991 | 3.451933 | .0598292 | .0382269 | 60.04368 |
| Stddev | .0051484 | .006552  | .006936  | .0076235 | .0045141 | .64704   |
| %RSD   | 4.312404 | 81.99641 | .2009296 | 12.74219 | 11.80860 | 1.077610 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1146416 | -.012970 | 3.456559 | .0685399 | .0383580 | 59.93207 |
| #2 | .1248602 | -.000568 | 3.455282 | .0543732 | .0426740 | 59.45970 |
| #3 | .1186544 | -.010434 | 3.443958 | .0565745 | .0336487 | 60.73926 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.653858 | .0059357 | .0124931 | 479.0954 | .1716621 | .0556521 |
| Stddev | .011485  | .0000288 | .0002239 | 1.6645   | .0007061 | .0008033 |
| %RSD   | .6944210 | .4846785 | 1.792036 | .3474293 | .4113347 | 1.443358 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.640618 | .0059670 | .0123585 | 477.4797 | .1724105 | .0563694 |
| #2 | 1.659822 | .0059297 | .0123692 | 479.0018 | .1710077 | .0558025 |
| #3 | 1.661133 | .0059105 | .0127515 | 480.8048 | .1715682 | .0547842 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5273837 | 177.1322 | 9.133311 | 88.21666 | .2341376 | .0081665 |
| Stddev | .0092126 | 1.0985   | .042389  | .22702   | .0011718 | .0003681 |
| %RSD   | 1.746846 | .6201751 | .4641172 | .2573474 | .5004560 | 4.507680 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5167493 | 176.8044 | 9.098319 | 88.23392 | .2352384 | .0078037 |
| #2 | .5324710 | 176.2348 | 9.121168 | 88.43456 | .2329059 | .0085398 |
| #3 | .5329309 | 178.3573 | 9.180447 | 87.98150 | .2342684 | .0081559 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.248074 | .1662113 | 2.517231 | 8.003348 | F 11.92302 | -.533682 |
| Stddev | .042535  | .0027643 | .007132  | .084450  | .03018     | .016835  |
| %RSD   | 3.408078 | 1.663128 | .2833448 | 1.055184 | .2531185   | 3.154501 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.201518 | .1633262 | 2.520748 | 8.034400 | 11.95660 | -.514417 |
| #2 | 1.257802 | .1664713 | 2.521922 | 7.907768 | 11.89818 | -.541063 |
| #3 | 1.284904 | .1688364 | 2.509023 | 8.067876 | 11.91427 | -.545565 |

Sample Name: P5202-09      Acquired: 01/09/2025 21:36:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135444 | 5.313767 | 9.277986 | .1455960 | .7289859 | .4900793 |
| Stddev | .0009876 | .011428  | .166479  | .0007579 | .0049727 | .0015550 |
| %RSD   | 7.291333 | .2150666 | 1.794345 | .5205365 | .6821368 | .3172883 |
| #1     | .0130534 | 5.321197 | 9.085882 | .1460426 | .7283531 | .4885637 |
| #2     | .0128986 | 5.300607 | 9.367938 | .1460245 | .7243599 | .4900033 |
| #3     | .0146812 | 5.319497 | 9.380139 | .1447210 | .7342447 | .4916709 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0709905 |
| Stddev | .0049895 |
| %RSD   | 7.028350 |
| #1     | .0695689 |
| #2     | .0668662 |
| #3     | .0765365 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2429.320 | 21639.97 | 1015.596 | 1843.359 | 2076.400 |
| Stddev    | 2.200    | 188.54   | 11.594   | 16.944   | .856     |
| %RSD      | .0905715 | .8712431 | 1.141637 | .9191669 | .0412123 |
| #1        | 2426.973 | 21436.82 | 1028.983 | 1824.409 | 2076.865 |
| #2        | 2431.335 | 21673.78 | 1009.060 | 1848.621 | 2076.922 |
| #3        | 2429.653 | 21809.32 | 1008.746 | 1857.048 | 2075.412 |

Sample Name: P5202-13      Acquired: 01/09/2025 21:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1385449 | -.006711 | 3.711505 | .0556484 | .0437233 | 53.22636 | 1.917640 |
| Stddev | .0007459 | .005815  | .002161  | .0078705 | .0070078 | .24036   | .008543  |
| %RSD   | .5384114 | 86.64706 | .0582136 | 14.14325 | 16.02752 | .4515826 | .4454719 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1384843 | -.000998 | 3.711991 | .0471219 | .0367247 | 53.35133 | 1.915848 |
| #2 | .1378311 | -.006513 | 3.713381 | .0571880 | .0437051 | 53.37848 | 1.926936 |
| #3 | .1393193 | -.012623 | 3.709143 | .0626353 | .0507402 | 52.94925 | 1.910135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064657 | .0122723 | 449.4680 | .1376413 | .0550674 | .5415929 | 176.5947 |
| Stddev | .0001320 | .0002516 | 3.0480   | .0004585 | .0002783 | .0029706 | .9712    |
| %RSD   | 2.041026 | 2.049910 | .6781426 | .3331372 | .5054292 | .5484833 | .5499366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063696 | .0124741 | 451.6984 | .1379043 | .0553480 | .5436680 | 176.7922 |
| #2 | .0066161 | .0119904 | 450.7106 | .1379077 | .0550628 | .5429207 | 177.4520 |
| #3 | .0064113 | .0123523 | 445.9950 | .1371118 | .0547914 | .5381900 | 175.5400 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.833206 | 84.06342 | .2061788 | .0086683 | 1.342530 | .1536875 | 2.345746 |
| Stddev | .058258  | .69198   | .0006513 | .0009642 | .027099  | .0017852 | .008250  |
| %RSD   | .6595327 | .8231655 | .3158810 | 11.12306 | 2.018526 | 1.161563 | .3517139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.895094 | 84.63342 | .2059253 | .0082297 | 1.369649 | .1555486 | 2.340333 |
| #2 | 8.825093 | 84.26335 | .2056924 | .0080015 | 1.342491 | .1535246 | 2.355242 |
| #3 | 8.779429 | 83.29349 | .2069187 | .0097738 | 1.315450 | .1519894 | 2.341664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.732240 | 9.817307 | -.519284 | .0122475 | 3.619280 | 11.15244 | .1767936 |
| Stddev | .524973  | .013793  | .004267  | .0002477 | .017554  | .04579   | .0018992 |
| %RSD   | 7.797893 | .1404966 | .8216416 | 2.022575 | .4850016 | .4105752 | 1.074256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.318179 | 9.802296 | -.518517 | .0119644 | 3.637975 | 11.18477 | .1747278 |
| #2 | 6.304720 | 9.820200 | -.523882 | .0123538 | 3.603150 | 11.17250 | .1784639 |
| #3 | 6.573823 | 9.829423 | -.515453 | .0124243 | 3.616715 | 11.10004 | .1771892 |

Sample Name: P5202-13      Acquired: 01/09/2025 21:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7281125 | .4992576 | .0576411 |
| Stddev | .0096133 | .0027262 | .0044940 |
| %RSD   | 1.320298 | .5460572 | 7.796500 |
| #1     | .7328965 | .5003550 | .0528456 |
| #2     | .7343953 | .5012641 | .0617559 |
| #3     | .7170459 | .4961537 | .0583218 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2379.636 | 21366.37 | 991.9666 | 1810.472 | 2092.246 |
| Stddev    | 7.257    | 83.05    | 7.9681   | 8.801    | 4.224    |
| %RSD      | .3049833 | .3886717 | .8032592 | .4860911 | .2018824 |
| #1        | 2387.162 | 21419.60 | 985.1718 | 1810.102 | 2096.992 |
| #2        | 2379.067 | 21270.68 | 989.9916 | 1801.862 | 2088.900 |
| #3        | 2372.680 | 21408.83 | 1000.736 | 1819.451 | 2090.845 |

Sample Name: P5202-14      Acquired: 01/09/2025 21:43:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1004775 | -.007996 | 1.768720 | .0420564 | .0348216 | 50.79210 | 1.091703 |
| Stddev | .0055148 | .003388  | .007550  | .0083278 | .0005681 | .15329   | .004404  |
| %RSD   | 5.488580 | 42.37607 | .4268388 | 19.80153 | 1.631519 | .3018080 | .4034185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0971623 | -.011186 | 1.777429 | .0332594 | .0353145 | 50.61524 | 1.090923 |
| #2 | .1068436 | -.008363 | 1.764687 | .0498182 | .0349502 | 50.87420 | 1.096446 |
| #3 | .0974266 | -.004439 | 1.764043 | .0430917 | .0342003 | 50.88686 | 1.087742 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060687 | .0048848 | 581.9073 | .0934535 | .0481583 | .3982753 | 173.2552 |
| Stddev | .0002892 | .0001738 | 1.6775   | .0014149 | .0006573 | .0040587 | .3234    |
| %RSD   | 4.765887 | 3.558277 | .2882684 | 1.514045 | 1.364809 | 1.019065 | .1866656 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057481 | .0047649 | 581.7181 | .0923732 | .0473998 | .3938547 | 173.0464 |
| #2 | .0061476 | .0048054 | 583.6713 | .0929322 | .0485590 | .4018334 | 173.6278 |
| #3 | .0063102 | .0050842 | 580.3324 | .0950551 | .0485162 | .3991377 | 173.0916 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.355890 | 101.6617 | .1432020 | .0061950 | 1.377621 | .1328076 | 1.074850 |
| Stddev | .003695  | .5139    | .0011386 | .0006583 | .037717  | .0020255 | .006310  |
| %RSD   | .0581356 | .5054852 | .7950770 | 10.62563 | 2.737835 | 1.525113 | .5870811 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.359593 | 101.7764 | .1445051 | .0069223 | 1.341934 | .1311934 | 1.068836 |
| #2 | 6.352203 | 102.1086 | .1423996 | .0056401 | 1.417084 | .1350804 | 1.074293 |
| #3 | 6.355875 | 101.1002 | .1427014 | .0060227 | 1.373845 | .1321490 | 1.081420 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.036646 | 6.787048 | -.506952 | .0092955 | 2.687201 | 11.14666 | .1439583 |
| Stddev | .032984  | .022758  | .006982  | .0005189 | .006854  | .11725   | .0038696 |
| %RSD   | .4687394 | .3353115 | 1.377307 | 5.582711 | .2550745 | 1.051864 | 2.688016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.001462 | 6.808642 | -.507177 | .0087210 | 2.691902 | 11.03367 | .1440193 |
| #2 | 7.066866 | 6.789220 | -.513819 | .0097304 | 2.690366 | 11.26774 | .1477971 |
| #3 | 7.041611 | 6.763282 | -.499860 | .0094351 | 2.679336 | 11.13856 | .1400585 |



Sample Name: P5202-14      Acquired: 01/09/2025 21:43:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6015929 | .5426762 | .0759624 |
| Stddev | .0100748 | .0009396 | .0081373 |
| %RSD   | 1.674680 | .1731321 | 10.71229 |
| #1     | .6119904 | .5426495 | .0720910 |
| #2     | .6009128 | .5417503 | .0704835 |
| #3     | .5918754 | .5436288 | .0853126 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2305.570 | 20711.08 | 969.1171 | 1746.277 | 2028.132 |
| Stddev    | 3.739    | 27.44    | 6.5162   | 6.876    | 3.576    |
| %RSD      | .1621645 | .1324706 | .6723846 | .3937572 | .1763416 |
| #1        | 2309.774 | 20689.42 | 973.2645 | 1743.596 | 2030.525 |
| #2        | 2302.617 | 20741.93 | 961.6065 | 1754.090 | 2024.020 |
| #3        | 2304.320 | 20701.89 | 972.4803 | 1741.146 | 2029.850 |

Sample Name: P5202-15      Acquired: 01/09/2025 21:47:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1084206 | -.006913 | .9740222 | .0629919 | .0338142 | 67.73524 | 1.012355 |
| Stddev | .0076510 | .006227  | .0057212 | .0066986 | .0031704 | .19384   | .003782  |
| %RSD   | 7.056771 | 90.08528 | .5873798 | 10.63401 | 9.375847 | .2861697 | .3735813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1166070 | -.009744 | .9676240 | .0625295 | .0333088 | 67.95861 | 1.008088 |
| #2 | .1072040 | -.011221 | .9757964 | .0565365 | .0372070 | 67.63591 | 1.013685 |
| #3 | .1014507 | .000227  | .9786460 | .0699096 | .0309270 | 67.61120 | 1.015292 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069748 | .0043846 | 689.2343 | .0990154 | .0626221 | .2401298 | 197.2578 |
| Stddev | .0000611 | .0002260 | 1.0216   | .0011611 | .0023215 | .0009575 | .3736    |
| %RSD   | .8753093 | 5.153981 | .1482290 | 1.172601 | 3.707153 | .3987320 | .1893830 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070307 | .0045897 | 690.1366 | .0978695 | .0612729 | .2412304 | 197.6832 |
| #2 | .0069096 | .0041424 | 689.4413 | .0989856 | .0612907 | .2396702 | 197.1067 |
| #3 | .0069842 | .0044218 | 688.1250 | .1001910 | .0653027 | .2394888 | 196.9834 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.384869 | 127.5654 | .1832631 | .0074850 | 1.376780 | .1451410 | .6527322 |
| Stddev | .006547  | .5692    | .0013656 | .0000702 | .027791  | .0005136 | .0035398 |
| %RSD   | .0697635 | .4462229 | .7451406 | .9384501 | 2.018573 | .3538519 | .5423023 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.390882 | 128.2098 | .1835414 | .0074177 | 1.407658 | .1447760 | .6494637 |
| #2 | 9.377894 | 127.1312 | .1844681 | .0074793 | 1.368905 | .1449186 | .6522411 |
| #3 | 9.385831 | 127.3551 | .1817798 | .0075578 | 1.353775 | .1457283 | .6564919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.940838 | 6.923608 | -.581133 | .0080044 | 2.449139 | 9.419451 | .0824899 |
| Stddev | .216718  | .012611  | .003854  | .0004687 | .010049  | .051721  | .0006791 |
| %RSD   | 2.423916 | .1821430 | .6632731 | 5.855088 | .4103147 | .5490822 | .8233004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.124171 | 6.910259 | -.579665 | .0077362 | 2.451054 | 9.479115 | .0828881 |
| #2 | 8.701664 | 6.925244 | -.578228 | .0085456 | 2.438271 | 9.391893 | .0817057 |
| #3 | 8.996681 | 6.935321 | -.585506 | .0077315 | 2.458094 | 9.387344 | .0828757 |

Sample Name: P5202-15      Acquired: 01/09/2025 21:47:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG8      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3114544 | .4797400 | .0960068 |
| Stddev | .0017057 | .0011173 | .0071935 |
| %RSD   | .5476598 | .2328965 | 7.492680 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3129881 | .4795538 | .0926276 |
| #2 | .3096174 | .4809387 | .1042677 |
| #3 | .3117577 | .4787275 | .0911251 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2373.510 | 21286.40 | 995.3005 | 1786.644 | 1979.657 |
| Stddev    | 8.231    | 129.39   | 7.5396   | 5.564    | 8.851    |
| %RSD      | .3467715 | .6078646 | .7575163 | .3114419 | .4471001 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2382.869 | 21144.92 | 987.3117 | 1780.747 | 1989.789 |
| #2 | 2367.396 | 21315.58 | 996.2982 | 1791.802 | 1973.426 |
| #3 | 2370.266 | 21398.72 | 1002.292 | 1787.384 | 1975.757 |

Sample Name: P5202-16      Acquired: 01/09/2025 21:51:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1150312 | -.003598 | 4.044816 | .0350376 | .0285583 | 50.89089 | 1.250159 |
| Stddev | .0025937 | .002479  | .013970  | .0033294 | .0003628 | .62853   | .016350  |
| %RSD   | 2.254812 | 68.88908 | .3453693 | 9.502411 | 1.270403 | 1.235045 | 1.307816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1161936 | -.001047 | 4.036885 | .0341761 | .0287676 | 51.48429 | 1.264235 |
| #2 | .1168405 | -.003751 | 4.036616 | .0387131 | .0281393 | 50.95606 | 1.254016 |
| #3 | .1120596 | -.005998 | 4.060946 | .0322237 | .0287679 | 50.23232 | 1.232225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053390 | .0042984 | 403.4928 | .1038280 | .0564427 | .3710810 | 143.9966 |
| Stddev | .0002731 | .0001442 | 2.8824   | .0015148 | .0008567 | .0020050 | 1.2064   |
| %RSD   | 5.114248 | 3.354560 | .7143580 | 1.458988 | 1.517870 | .5403053 | .8377867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056463 | .0041330 | 405.4012 | .1021554 | .0558356 | .3706683 | 145.2831 |
| #2 | .0052466 | .0043641 | 404.9000 | .1051076 | .0560698 | .3732602 | 143.8159 |
| #3 | .0051242 | .0043980 | 400.1771 | .1042209 | .0574227 | .3693144 | 142.8907 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.679399 | 64.19025 | .1506693 | .0059795 | 1.302408 | .1403967 | 1.387645 |
| Stddev | .063918  | .36062   | .0011616 | .0010928 | .009055  | .0019527 | .003752  |
| %RSD   | .6603501 | .5617995 | .7709662 | 18.27643 | .6952188 | 1.390842 | .2703865 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.731012 | 64.42177 | .1519839 | .0055068 | 1.295435 | .1406297 | 1.385025 |
| #2 | 9.699283 | 64.37424 | .1502426 | .0072291 | 1.312641 | .1422225 | 1.391943 |
| #3 | 9.607902 | 63.77475 | .1497814 | .0052025 | 1.299147 | .1383380 | 1.385967 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.730276 | 9.421577 | -.411436 | .0112928 | 2.029421 | 9.849045 | .1624433 |
| Stddev | .125546  | .009402  | .002535  | .0006105 | .002498  | .053690  | .0025549 |
| %RSD   | 1.624087 | .0997936 | .6160663 | 5.406318 | .1230862 | .5451301 | 1.572816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.873513 | 9.416132 | -.408619 | .0107209 | 2.028531 | 9.860858 | .1652158 |
| #2 | 7.678007 | 9.416166 | -.412160 | .0119358 | 2.027490 | 9.895845 | .1601838 |
| #3 | 7.639310 | 9.432434 | -.413531 | .0112216 | 2.032242 | 9.790432 | .1619303 |

Sample Name: P5202-16      Acquired: 01/09/2025 21:51:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5308180 | .4251779 | .0714533 |
| Stddev | .0111853 | .0045602 | .0057969 |
| %RSD   | 2.107173 | 1.072548 | 8.112798 |
| #1     | .5405294 | .4298319 | .0656568 |
| #2     | .5333363 | .4249843 | .0714525 |
| #3     | .5185883 | .4207176 | .0772505 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2411.778 | 21656.07 | 996.7146 | 1808.985 | 2104.311 |
| Stddev    | 4.664    | 70.98    | 8.9490   | 7.513    | 4.353    |
| %RSD      | .1933706 | .3277515 | .8978509 | .4152923 | .2068473 |
| #1        | 2415.812 | 21626.74 | 990.0924 | 1803.018 | 2105.913 |
| #2        | 2412.849 | 21604.45 | 993.1559 | 1806.515 | 2107.636 |
| #3        | 2406.671 | 21737.01 | 1006.896 | 1817.421 | 2099.385 |

Sample Name: P5202-17      Acquired: 01/09/2025 21:54:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1098504 | -.015046 | 3.286745 | .0683389 | .0404890 | 58.54368 | 1.306721 |
| Stddev | .0053931 | .002057  | .007792  | .0075804 | .0007356 | .29257   | .006312  |
| %RSD   | 4.909463 | 13.67188 | .2370711 | 11.09230 | 1.816861 | .4997484 | .4830730 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1041757 | -.013043 | 3.278177 | .0596571 | .0413379 | 58.22730 | 1.301263 |
| #2 | .1149089 | -.017153 | 3.288654 | .0736446 | .0400389 | 58.59929 | 1.305267 |
| #3 | .1104666 | -.014942 | 3.293406 | .0717152 | .0400901 | 58.80446 | 1.313634 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065425 | .0038254 | 489.7755 | .0925962 | .0509358 | .6410230 | 204.2767 |
| Stddev | .0003580 | .0000972 | 1.9515   | .0007059 | .0009544 | .0061007 | 1.5190   |
| %RSD   | 5.471311 | 2.541755 | .3984474 | .7623129 | 1.873659 | .9517080 | .7435983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064667 | .0038556 | 488.2808 | .0921821 | .0506100 | .6472189 | 203.5308 |
| #2 | .0069322 | .0039039 | 489.0625 | .0934112 | .0501870 | .6408277 | 203.2749 |
| #3 | .0062284 | .0037166 | 491.9832 | .0921952 | .0520104 | .6350223 | 206.0245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.840403 | 70.01672 | .1598727 | .0071779 | 1.531379 | .1572437 | 1.130325 |
| Stddev | .052101  | .25485   | .0004055 | .0008666 | .058174  | .0021137 | .009073  |
| %RSD   | .5294577 | .3639886 | .2536217 | 12.07257 | 3.798803 | 1.344203 | .8027287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.788173 | 69.72536 | .1594275 | .0080923 | 1.528294 | .1594988 | 1.129203 |
| #2 | 9.840662 | 70.19821 | .1599695 | .0063688 | 1.474810 | .1553078 | 1.121865 |
| #3 | 9.892373 | 70.12659 | .1602209 | .0070727 | 1.591035 | .1569246 | 1.139908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.047204 | 9.647836 | -.587407 | .0097902 | 2.541799 | 9.897412 | .1322729 |
| Stddev | .122999  | .029738  | .007364  | .0000907 | .005019  | .104631  | .0006203 |
| %RSD   | 1.359524 | .3082331 | 1.253631 | .9261904 | .1974452 | 1.057157 | .4689266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.001723 | 9.651556 | -.595133 | .0096971 | 2.538424 | 10.01537 | .1329834 |
| #2 | 9.186466 | 9.616413 | -.586620 | .0098783 | 2.539407 | 9.86107  | .1319961 |
| #3 | 8.953422 | 9.675539 | -.580469 | .0097951 | 2.547566 | 9.81580  | .1318392 |

Sample Name: P5202-17      Acquired: 01/09/2025 21:54:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHNNH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7560844 | .5156939 | .0945279 |
| Stddev | .0006294 | .0041782 | .0096644 |
| %RSD   | .0832492 | .8102180 | 10.22381 |
| #1     | .7567545 | .5109691 | .0910131 |
| #2     | .7555056 | .5172109 | .0871127 |
| #3     | .7559930 | .5189018 | .1054577 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2356.683 | 21500.48 | 993.1044 | 1788.856 | 2051.599 |
| Stddev    | 2.364    | 194.62   | 5.0048   | 20.388   | 2.048    |
| %RSD      | .1002963 | .9051958 | .5039594 | 1.139736 | .0998110 |
| #1        | 2359.229 | 21691.38 | 988.3894 | 1802.269 | 2052.158 |
| #2        | 2354.559 | 21507.71 | 998.3559 | 1798.905 | 2053.310 |
| #3        | 2356.262 | 21302.34 | 992.5681 | 1765.394 | 2049.331 |

Sample Name: P5202-18      Acquired: 01/09/2025 21:58:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2019184 | -.025645 | 2.520570 | .0941813 | .0501306 | 68.89556 |
| Stddev | .0013373 | .005711  | .006605  | .0088053 | .0030682 | .19991   |
| %RSD   | .6622783 | 22.26843 | .2620302 | 9.349255 | 6.120513 | .2901704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2022207 | -.031752 | 2.514845 | .0955105 | .0532938 | 68.90588 |
| #2 | .2004558 | -.020437 | 2.519071 | .0847870 | .0471671 | 69.09011 |
| #3 | .2030786 | -.024747 | 2.527796 | .1022464 | .0499310 | 68.69068 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.655034 | .0068576 | .0072008 | 135.6583 | .1898347 | .0371026 |
| Stddev | .011749  | .0000828 | .0001177 | .5294    | .0009184 | .0008828 |
| %RSD   | .7098945 | 1.207293 | 1.633860 | .3902213 | .4837704 | 2.379287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.667512 | .0067839 | .0072946 | 136.2242 | .1906077 | .0361024 |
| #2 | 1.653407 | .0069472 | .0072390 | 135.5755 | .1888195 | .0377728 |
| #3 | 1.644184 | .0068417 | .0070688 | 135.1752 | .1900768 | .0374328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3597299 | 202.9227 | 8.781759 | 35.41246 | .1789816 | .0091413 |
| Stddev | .0004915 | .6559    | .028334  | .13250   | .0015906 | .0013612 |
| %RSD   | .1366295 | .3232499 | .3226412 | .3741609 | .8886995 | 14.89099 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3593361 | 203.4638 | 8.800622 | 35.46022 | .1806534 | .0104139 |
| #2 | .3595728 | 203.1110 | 8.795476 | 35.51447 | .1788043 | .0093039 |
| #3 | .3602807 | 202.1931 | 8.749177 | 35.26271 | .1774871 | .0077060 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8536118 | .1561823 | 1.430918 | 10.10960 | F 20.48143 | -.632996 |
| Stddev | .0219299 | .0016856 | .005875  | .16485   | .04130     | .010765  |
| %RSD   | 2.569066 | 1.079223 | .4105954 | 1.630644 | .2016540   | 1.700634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8403382 | .1559160 | 1.425749 | 9.92220  | 20.43424 | -.639674 |
| #2 | .8789242 | .1546457 | 1.437308 | 10.17432 | 20.51099 | -.620577 |
| #3 | .8415731 | .1579851 | 1.429696 | 10.23226 | 20.49905 | -.638737 |



Sample Name: P5202-18      Acquired: 01/09/2025 21:58:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096515 | 3.284880 | 11.13927 | .0968050 | .6970494 | .1016797 |
| Stddev | .0005359 | .003086  | .04998   | .0010263 | .0108579 | .0016402 |
| %RSD   | 5.552116 | .0939522 | .4486935 | 1.060157 | 1.557689 | 1.613111 |
| #1     | .0100404 | 3.286059 | 11.16584 | .0966292 | .7024154 | .1031054 |
| #2     | .0098738 | 3.281378 | 11.08162 | .0979078 | .7041796 | .0998871 |
| #3     | .0090403 | 3.287202 | 11.17035 | .0958779 | .6845533 | .1020465 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0820659 |
| Stddev | .0041772 |
| %RSD   | 5.090031 |
| #1     | .0819855 |
| #2     | .0779295 |
| #3     | .0862827 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2597.073 | 23868.04 | 1072.676 | 1946.084 | 2252.820 |
| Stddev    | 8.974    | 121.34   | 4.446    | 11.159   | 9.526    |
| %RSD      | .3455551 | .5083896 | .4144389 | .5734162 | .4228698 |
| #1        | 2606.449 | 23788.94 | 1067.584 | 1949.023 | 2263.059 |
| #2        | 2588.563 | 23807.44 | 1075.782 | 1933.750 | 2244.218 |
| #3        | 2596.207 | 24007.75 | 1074.663 | 1955.480 | 2251.182 |

Sample Name: P5202-19      Acquired: 01/09/2025 22:02:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ6      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2093679 | -.020911 | 2.809292 | .1006455 | .0456662 | 65.38543 |
| Stddev | .0053495 | .004067  | .008198  | .0054005 | .0049646 | 1.04987  |
| %RSD   | 2.555069 | 19.45038 | .2918002 | 5.365818 | 10.87149 | 1.605659 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2057130 | -.025048 | 2.809610 | .0969322 | .0503624 | 66.03057 |
| #2 | .2155079 | -.020770 | 2.800940 | .1068407 | .0404709 | 65.95172 |
| #3 | .2068827 | -.016917 | 2.817326 | .0981634 | .0461654 | 64.17401 |

| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.675082 | .0069985 | .0056083 | 138.5889 | .1038947 | .0503727 |
| Stddev | .036685  | .0001576 | .0000577 | 2.6818   | .0029359 | .0018181 |
| %RSD   | 2.190033 | 2.251265 | 1.028983 | 1.935072 | 2.825857 | 3.609290 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.698703 | .0071531 | .0056509 | 140.4237 | .1017087 | .0491327 |
| #2 | 1.693723 | .0068381 | .0055426 | 139.8319 | .1027437 | .0495256 |
| #3 | 1.632820 | .0070044 | .0056314 | 135.5111 | .1072317 | .0524598 |

| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4712385 | 198.3239 | 10.47820 | 37.97922 | .1685650 | .0089443 |
| Stddev | .0050945 | 3.6547   | .22181   | .74398   | .0011663 | .0004611 |
| %RSD   | 1.081097 | 1.842775 | 2.116872 | 1.958915 | .6918674 | 5.155035 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4709616 | 200.8382 | 10.60836 | 38.47573 | .1691514 | .0087286 |
| #2 | .4764659 | 200.0020 | 10.60417 | 38.33809 | .1672220 | .0094737 |
| #3 | .4662881 | 194.1316 | 10.22209 | 37.12382 | .1693218 | .0086306 |

| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
|--------|----------|----------|----------|----------|------------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.276315 | .1795174 | 1.250750 | 7.928354 | F 11.39608 | -.631843 |
| Stddev | .002089  | .0021330 | .023349  | .189499  | .04131     | .002491  |
| %RSD   | .0917536 | 1.188158 | 1.866788 | 2.390138 | .3624945   | .3943123 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.275072 | .1790582 | 1.225330 | 8.140623 | 11.38201 | -.633236 |
| #2 | 2.278727 | .1818425 | 1.255679 | 7.868221 | 11.36366 | -.633327 |
| #3 | 2.275148 | .1776514 | 1.271241 | 7.776217 | 11.44259 | -.628967 |

Sample Name: P5202-19      Acquired: 01/09/2025 22:02:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113613 | 2.858359 | 12.87471 | .1175304 | .8433526 | .1242614 |
| Stddev | .0003832 | .013480  | .14977   | .0021615 | .0234976 | .0021754 |
| %RSD   | 3.372771 | .4715998 | 1.163268 | 1.839063 | 2.786219 | 1.750634 |
| #1     | .0115472 | 2.862108 | 12.86285 | .1150628 | .8607696 | .1251107 |
| #2     | .0116161 | 2.843401 | 13.03005 | .1184403 | .8526616 | .1258841 |
| #3     | .0109206 | 2.869567 | 12.73122 | .1190882 | .8166267 | .1217896 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0527255 |
| Stddev | .0059149 |
| %RSD   | 11.21830 |
| #1     | .0592748 |
| #2     | .0511289 |
| #3     | .0477727 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2548.845 | 23830.68 | 1038.197 | 1950.417 | 2253.159 |
| Stddev    | 2.690    | 423.97   | 8.588    | 33.998   | 5.151    |
| %RSD      | .1055316 | 1.779099 | .8271610 | 1.743091 | .2286179 |
| #1        | 2546.927 | 24231.55 | 1035.483 | 1983.915 | 2255.340 |
| #2        | 2547.689 | 23873.63 | 1031.294 | 1951.396 | 2256.860 |
| #3        | 2551.920 | 23386.87 | 1047.814 | 1915.941 | 2247.276 |

Sample Name: P5203-01      Acquired: 01/09/2025 22:06:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1097486 | -.008713 | 3.007951 | .0537970 | .0259355 | 55.66159 | 1.221721 |
| Stddev | .0034141 | .001398  | .001893  | .0045082 | .0027971 | .26718   | .004854  |
| %RSD   | 3.110818 | 16.04599 | .0629227 | 8.380091 | 10.78479 | .4800052 | .3973430 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1134776 | -.009730 | 3.009978 | .0572097 | .0244466 | 55.74007 | 1.224401 |
| #2 | .1089919 | -.009291 | 3.006230 | .0554949 | .0291621 | 55.88074 | 1.216117 |
| #3 | .1067764 | -.007119 | 3.007646 | .0486863 | .0241977 | 55.36396 | 1.224645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055823 | .0055730 | 170.8518 | .1993188 | .0514756 | .3674762 | 142.1806 |
| Stddev | .0001556 | .0001070 | .3390    | .0019141 | .0009716 | .0004866 | .2660    |
| %RSD   | 2.786605 | 1.920224 | .1983891 | .9603324 | 1.887515 | .1324210 | .1870564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057205 | .0054507 | 171.1921 | .1973518 | .0524930 | .3671894 | 142.4741 |
| #2 | .0054138 | .0056188 | 170.8492 | .1994292 | .0505574 | .3680380 | 141.9556 |
| #3 | .0056126 | .0056495 | 170.5142 | .2011753 | .0513765 | .3672010 | 142.1121 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.941767 | 65.41566 | .2008833 | .0053495 | .9368621 | .1591556 | 1.673453 |
| Stddev | .013666  | .07482   | .0004943 | .0007092 | .0350063 | .0009535 | .007427  |
| %RSD   | .1968625 | .1143806 | .2460682 | 13.25672 | 3.736553 | .5990988 | .4438422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.947967 | 65.49878 | .2008261 | .0048422 | .9206487 | .1595689 | 1.675672 |
| #2 | 6.951233 | 65.39452 | .2004201 | .0061598 | .9770357 | .1598328 | 1.679519 |
| #3 | 6.926100 | 65.35368 | .2014038 | .0050465 | .9129018 | .1580652 | 1.665169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.517155 | 9.790314 | -.425165 | .0129286 | 4.786697 | 6.023281 | .2344777 |
| Stddev | .204569  | .017764  | .006348  | .0013454 | .004296  | .016542  | .0012567 |
| %RSD   | 3.138937 | .1814470 | 1.493081 | 10.40619 | .0897547 | .2746286 | .5359500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.574382 | 9.810503 | -.419097 | .0143985 | 4.786771 | 6.042179 | .2334758 |
| #2 | 6.687017 | 9.783357 | -.431760 | .0117582 | 4.790956 | 6.016236 | .2358877 |
| #3 | 6.290066 | 9.777081 | -.424637 | .0126292 | 4.782364 | 6.011429 | .2340696 |

Sample Name: P5203-01      Acquired: 01/09/2025 22:06:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7200266 | .1398157 | .0456747 |
| Stddev | .0084995 | .0002131 | .0065265 |
| %RSD   | 1.180436 | .1524214 | 14.28901 |
| #1     | .7165657 | .1400613 | .0394455 |
| #2     | .7138036 | .1396788 | .0524625 |
| #3     | .7297105 | .1397071 | .0451162 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2434.335 | 22370.88 | 1010.082 | 1833.603 | 2251.721 |
| Stddev    | 10.619   | 99.34    | 4.260    | 12.248   | 8.583    |
| %RSD      | .4362378 | .4440398 | .4217603 | .6679750 | .3811663 |
| #1        | 2433.935 | 22462.09 | 1009.522 | 1838.837 | 2253.636 |
| #2        | 2423.921 | 22265.04 | 1006.130 | 1819.607 | 2242.343 |
| #3        | 2445.149 | 22385.49 | 1014.595 | 1842.364 | 2259.185 |

Sample Name: P5203-02      Acquired: 01/09/2025 22:10:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN28      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0983704 | -.005889 | 2.432917 | .0431462 | .0275431 | 48.02202 | 1.017927 |
| Stddev | .0046585 | .002948  | .004365  | .0025743 | .0041104 | .53657   | .011221  |
| %RSD   | 4.735668 | 50.05424 | .1793955 | 5.966413 | 14.92350 | 1.117348 | 1.102375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0952771 | -.007959 | 2.428840 | .0429861 | .0228964 | 47.42706 | 1.005586 |
| #2 | .1037283 | -.002514 | 2.432392 | .0406557 | .0290291 | 48.16972 | 1.020678 |
| #3 | .0961060 | -.007193 | 2.437521 | .0457967 | .0307039 | 48.46927 | 1.027517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049358 | .0057830 | 188.3690 | .1123579 | .0475256 | .3134840 | 128.1852 |
| Stddev | .0000660 | .0001053 | 1.9200   | .0003228 | .0002625 | .0026066 | 1.1581   |
| %RSD   | 1.336393 | 1.821235 | 1.019274 | .2873196 | .5522339 | .8314764 | .9034936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048836 | .0058083 | 186.3508 | .1127020 | .0474886 | .3122819 | 126.8757 |
| #2 | .0049138 | .0058733 | 188.5833 | .1123099 | .0472837 | .3116954 | 128.6052 |
| #3 | .0050099 | .0056673 | 190.1728 | .1120617 | .0478046 | .3164747 | 129.0748 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.064130 | 73.64211 | .1679784 | .0041306 | 1.074711 | .1340032 | 1.387573 |
| Stddev | .063939  | .58053   | .0010272 | .0010834 | .025548  | .0019739 | .004387  |
| %RSD   | 1.054383 | .7883182 | .6114946 | 26.22848 | 2.377170 | 1.472995 | .3161464 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.991046 | 73.32667 | .1681787 | .0029684 | 1.049836 | .1339295 | 1.391937 |
| #2 | 6.091602 | 73.28758 | .1668658 | .0043108 | 1.100882 | .1320672 | 1.383164 |
| #3 | 6.109741 | 74.31207 | .1688906 | .0051126 | 1.073417 | .1360129 | 1.387618 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.568694 | 7.776302 | -.383429 | .0145014 | 4.154172 | 6.296007 | .1033234 |
| Stddev | .317166  | .025319  | .008936  | .0009732 | .008591  | .068668  | .0014887 |
| %RSD   | 6.942166 | .3255858 | 2.330625 | 6.711054 | .2068029 | 1.090667 | 1.440778 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.228303 | 7.761161 | -.377285 | .0150379 | 4.158404 | 6.253015 | .1046907 |
| #2 | 4.855914 | 7.762215 | -.379322 | .0150882 | 4.144286 | 6.259804 | .1035419 |
| #3 | 4.621864 | 7.805532 | -.393681 | .0133780 | 4.159826 | 6.375201 | .1017375 |

Sample Name: P5203-02      Acquired: 01/09/2025 22:10:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN28      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7547083 | .1489041 | .0322878 |
| Stddev | .0115161 | .0018496 | .0014371 |
| %RSD   | 1.525900 | 1.242134 | 4.450892 |
| #1     | .7415276 | .1473977 | .0306313 |
| #2     | .7628224 | .1483463 | .0332012 |
| #3     | .7597749 | .1509684 | .0330309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2361.143 | 21638.87 | 973.3027 | 1764.870 | 2219.432 |
| Stddev    | 2.223    | 167.61   | 8.8816   | 9.814    | 3.740    |
| %RSD      | .0941658 | .7745844 | .9125169 | .5560722 | .1685010 |
| #1        | 2361.279 | 21679.37 | 982.7587 | 1768.260 | 2217.791 |
| #2        | 2363.295 | 21454.72 | 972.0128 | 1753.811 | 2223.712 |
| #3        | 2358.855 | 21782.51 | 965.1367 | 1772.540 | 2216.793 |

Sample Name: P5203-03      Acquired: 01/09/2025 22:13:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN29      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1150289 | .0019694 | 3.915545 | .0411553 | .0239250 | 67.46742 | 1.466404 |
| Stddev | .0038879 | .0034257 | .008952  | .0043054 | .0051201 | .39683   | .008754  |
| %RSD   | 3.379953 | 173.9503 | .2286243 | 10.46147 | 21.40071 | .5881765 | .5969738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1143924 | -.001064 | 3.905218 | .0423389 | .0238682 | 67.03333 | 1.469832 |
| #2 | .1191957 | .005685  | 3.920322 | .0363819 | .0290733 | 67.81152 | 1.472926 |
| #3 | .1114984 | .001287  | 3.921095 | .0447452 | .0188335 | 67.55741 | 1.456455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060074 | .0053701 | 461.3048 | .1240810 | .0658587 | .3610845 | 142.4295 |
| Stddev | .0002272 | .0000945 | 2.0871   | .0011563 | .0004502 | .0044827 | .7970    |
| %RSD   | 3.782444 | 1.760608 | .4524239 | .9319127 | .6835382 | 1.241464 | .5595579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059880 | .0053247 | 459.7228 | .1253915 | .0653873 | .3607524 | 141.5941 |
| #2 | .0062437 | .0054787 | 463.6702 | .1236474 | .0659047 | .3657241 | 143.1814 |
| #3 | .0057905 | .0053067 | 460.5213 | .1232042 | .0662841 | .3567771 | 142.5130 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.002227 | 99.90624 | .1758535 | .0053863 | 1.458826 | .1674128 | 1.703443 |
| Stddev | .046360  | .74752   | .0004891 | .0004220 | .059907  | .0021932 | .006236  |
| %RSD   | .5793443 | .7482265 | .2781205 | 7.834022 | 4.106532 | 1.310048 | .3660832 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.964236 | 99.05311 | .1753185 | .0049170 | 1.389653 | .1654001 | 1.708995 |
| #2 | 8.053884 | 100.2191 | .1759645 | .0055073 | 1.492916 | .1697502 | 1.696696 |
| #3 | 7.988559 | 100.4465 | .1762776 | .0057345 | 1.493908 | .1670880 | 1.704638 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.032478 | 8.752163 | -.392480 | .0135296 | 5.809395 | 18.90945 | .1089478 |
| Stddev | .004564  | .026016  | .007870  | .0006846 | .015375  | .26250   | .0010936 |
| %RSD   | .0906842 | .2972521 | 2.005106 | 5.059718 | .2646527 | 1.388177 | 1.003779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.036077 | 8.734248 | -.386905 | .0142714 | 5.791825 | 18.83841 | .1084193 |
| #2 | 5.034012 | 8.782004 | -.401482 | .0129223 | 5.820380 | 19.20015 | .1082188 |
| #3 | 5.027345 | 8.740238 | -.389053 | .0133950 | 5.815981 | 18.68978 | .1102052 |



Sample Name: P5203-03      Acquired: 01/09/2025 22:13:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN29      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.168289 | .7025921 | .0659430 |
| Stddev | .014921  | .0036201 | .0046879 |
| %RSD   | 1.277182 | .5152557 | 7.109001 |
| #1     | 1.162995 | .7003997 | .0622437 |
| #2     | 1.185135 | .7067706 | .0712151 |
| #3     | 1.156737 | .7006059 | .0643703 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2347.887 | 21503.26 | 987.3434 | 1763.996 | 2065.214 |
| Stddev    | 6.383    | 123.41   | 7.5928   | 13.608   | 4.255    |
| %RSD      | .2718682 | .5739004 | .7690141 | .7714137 | .2060407 |
| #1        | 2350.124 | 21439.79 | 990.4641 | 1757.309 | 2067.089 |
| #2        | 2352.850 | 21645.49 | 978.6875 | 1779.653 | 2068.209 |
| #3        | 2340.686 | 21424.51 | 992.8786 | 1755.025 | 2060.343 |

Sample Name: P5203-04      Acquired: 01/09/2025 22:17:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN30      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1428131 | -.013721 | 7.804827 | .0648820 | .0368353 | 66.53812 | 1.839654 |
| Stddev | .0025514 | .003035  | .016963  | .0041060 | .0028748 | .83551   | .014550  |
| %RSD   | 1.786494 | 22.12239 | .2173348 | 6.328473 | 7.804415 | 1.255694 | .7909011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1405074 | -.016239 | 7.821244 | .0606389 | .0364267 | 65.57580 | 1.822988 |
| #2 | .1423778 | -.014572 | 7.805870 | .0688357 | .0341867 | 67.07881 | 1.849828 |
| #3 | .1455541 | -.010350 | 7.787367 | .0651714 | .0398925 | 66.95974 | 1.846145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062212 | .0040219 | 176.7053 | .1158660 | .0631769 | .6590876 | 155.9524 |
| Stddev | .0002472 | .0000893 | 1.5951   | .0006172 | .0014637 | .0026172 | 1.6252   |
| %RSD   | 3.973993 | 2.220700 | .9027040 | .5327112 | 2.316774 | .3970990 | 1.042106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061276 | .0041216 | 174.8637 | .1163944 | .0648650 | .6563933 | 154.1088 |
| #2 | .0065016 | .0039947 | 177.5938 | .1151876 | .0624052 | .6592491 | 157.1775 |
| #3 | .0060345 | .0039492 | 177.6582 | .1160159 | .0622606 | .6616203 | 156.5710 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.213278 | 45.04451 | .1514781 | .0065464 | 1.481921 | .1926384 | 2.160503 |
| Stddev | .093139  | .28372   | .0011880 | .0014505 | .010976  | .0003217 | .011236  |
| %RSD   | 1.010921 | .6298751 | .7842744 | 22.15732 | .7406678 | .1670228 | .5200663 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.105967 | 44.79327 | .1510585 | .0048786 | 1.471285 | .1924681 | 2.148108 |
| #2 | 9.260759 | 45.35222 | .1528190 | .0072471 | 1.493208 | .1924377 | 2.163382 |
| #3 | 9.273109 | 44.98802 | .1505568 | .0075136 | 1.481269 | .1930096 | 2.170020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.752371 | 8.630954 | -.478372 | .0133925 | 2.592439 | 8.496269 | .1058901 |
| Stddev | .462721  | .022504  | .002101  | .0008017 | .008785  | .041851  | .0006567 |
| %RSD   | 8.044002 | .2607335 | .4392702 | 5.986374 | .3388760 | .4925839 | .6202125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.220713 | 8.641178 | -.475997 | .0140293 | 2.595870 | 8.450938 | .1062362 |
| #2 | 6.064192 | 8.646531 | -.479991 | .0124922 | 2.598991 | 8.533438 | .1063013 |
| #3 | 5.972209 | 8.605153 | -.479128 | .0136559 | 2.582456 | 8.504431 | .1051326 |

Sample Name: P5203-04      Acquired: 01/09/2025 22:17:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN30      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8531459 | .2531524 | .0719733 |
| Stddev | .0184125 | .0034333 | .0053875 |
| %RSD   | 2.158186 | 1.356233 | 7.485365 |
| #1     | .8323961 | .2494657 | .0664545 |
| #2     | .8595077 | .2562583 | .0772191 |
| #3     | .8675338 | .2537333 | .0722462 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2541.436 | 23265.41 | 1047.742 | 1902.373 | 2252.950 |
| Stddev    | 12.135   | 26.73    | 4.931    | 9.011    | 10.397   |
| %RSD      | .4774903 | .1148964 | .4705974 | .4736514 | .4614907 |
| #1        | 2527.425 | 23238.02 | 1052.974 | 1912.523 | 2241.109 |
| #2        | 2548.248 | 23266.79 | 1043.182 | 1899.284 | 2260.586 |
| #3        | 2548.635 | 23291.43 | 1047.069 | 1895.314 | 2257.154 |

Sample Name: P5203-05      Acquired: 01/09/2025 22:21:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0986658 | -.004308 | 1.983926 | .0442785 | .0295077 | 63.01904 | .8860246 |
| Stddev | .0017153 | .005336  | .004559  | .0068217 | .0074015 | .28907   | .0015089 |
| %RSD   | 1.738538 | 123.8485 | .2297849 | 15.40630 | 25.08332 | .4586951 | .1703025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0985802 | -.010206 | 1.978947 | .0514214 | .0380508 | 63.29665 | .8849726 |
| #2 | .0969949 | .000183  | 1.987895 | .0435827 | .0250279 | 62.71974 | .8853476 |
| #3 | .1004224 | -.002901 | 1.984937 | .0378314 | .0254443 | 63.04075 | .8877534 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052614 | .0025204 | 250.2005 | .1082160 | .0736820 | .2150553 | 143.4906 |
| Stddev | .0000972 | .0000602 | .3826    | .0012415 | .0004246 | .0010317 | .8821    |
| %RSD   | 1.847187 | 2.388340 | .1529240 | 1.147237 | .5762608 | .4797619 | .6147609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053064 | .0025592 | 250.4436 | .1068627 | .0735143 | .2154824 | 144.2422 |
| #2 | .0053279 | .0024510 | 249.7595 | .1084831 | .0733670 | .2138785 | 142.5194 |
| #3 | .0051499 | .0025509 | 250.3985 | .1093022 | .0741649 | .2158048 | 143.7101 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.808854 | 133.3966 | .1486402 | .0056254 | .8850326 | .1576197 | .5468724 |
| Stddev | .039155  | .4950    | .0002772 | .0002300 | .0170302 | .0018201 | .0030009 |
| %RSD   | .5014119 | .3710964 | .1864611 | 4.088762 | 1.924244 | 1.154729 | .5487351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.838412 | 133.7445 | .1485979 | .0057538 | .9041211 | .1594222 | .5494643 |
| #2 | 7.764447 | 132.8298 | .1489361 | .0057625 | .8713958 | .1557825 | .5435848 |
| #3 | 7.823702 | 133.6153 | .1483867 | .0053598 | .8795809 | .1576545 | .5475682 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.874738 | 5.809135 | -.440670 | .0127352 | 1.301013 | 9.667530 | .0363904 |
| Stddev | .098726  | .026872  | .009453  | .0008343 | .009583  | .091031  | .0019782 |
| %RSD   | 2.025255 | .4625732 | 2.145187 | 6.551515 | .7365586 | .9416124 | 5.435996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.883401 | 5.778107 | -.444236 | .0119361 | 1.291808 | 9.717157 | .0384594 |
| #2 | 4.968847 | 5.824816 | -.429953 | .0136008 | 1.300299 | 9.562470 | .0361942 |
| #3 | 4.771966 | 5.824481 | -.447822 | .0126685 | 1.310933 | 9.722962 | .0345176 |

Sample Name: P5203-05      Acquired: 01/09/2025 22:21:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHN31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8105970 | .0856554 | .0678756 |
| Stddev | .0114469 | .0007682 | .0064258 |
| %RSD   | 1.412154 | .8968080 | 9.467028 |
| #1     | .8111181 | .0852219 | .0606601 |
| #2     | .8217744 | .0865423 | .0729810 |
| #3     | .7988984 | .0852019 | .0699859 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2616.256 | 23674.70 | 1089.320 | 1956.083 | 2117.275 |
| Stddev    | 3.619    | 42.23    | 7.548    | 7.537    | 3.822    |
| %RSD      | .1383300 | .1783796 | .6929342 | .3853037 | .1805200 |
| #1        | 2620.434 | 23676.59 | 1083.086 | 1947.984 | 2118.469 |
| #2        | 2614.078 | 23631.56 | 1097.712 | 1957.374 | 2120.357 |
| #3        | 2614.256 | 23715.95 | 1087.163 | 1962.891 | 2112.998 |

Sample Name: CCV142      Acquired: 01/09/2025 22:25:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV142      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.965687 | 4.614590 | 23.51523 | 4.786667 | 4.756741 | 395.2961 |
| Stddev | .023213  | .024876  | .08182   | .012185  | .019279  | 1.8095   |
| %RSD   | .4674693 | .5390663 | .3479596 | .2545547 | .4053048 | .4577481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.940789 | 4.588072 | 23.44749 | 4.773169 | 4.753109 | 396.2721 |
| #2 | 4.969537 | 4.618290 | 23.49206 | 4.789977 | 4.739535 | 396.4081 |
| #3 | 4.986734 | 4.637409 | 23.60614 | 4.796855 | 4.777577 | 393.2082 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.817969 | .4939714 | 2.368185 | 396.6141 | 14.71143 | 2.274275 |
| Stddev | .009875  | .0017564 | .007421  | .5694    | .06813   | .007807  |
| %RSD   | .1005825 | .3555714 | .3133533 | .1435717 | .4631023 | .3432556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.808439 | .4946269 | 2.361767 | 396.4797 | 14.72380 | 2.268755 |
| #2 | 9.817312 | .4953057 | 2.366476 | 397.2387 | 14.77252 | 2.270865 |
| #3 | 9.828157 | .4919814 | 2.376311 | 396.1239 | 14.63796 | 2.283207 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.04293 | 391.8200 | 13.84811 | 385.5001 | 2.390560 | 1.196586 |
| Stddev | .04101   | .8880    | .03166   | 2.3344   | .005172  | .003562  |
| %RSD   | .2726163 | .2266356 | .2286405 | .6055386 | .2163524 | .2977069 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.06260 | 391.4804 | 13.82651 | 385.1864 | 2.387965 | 1.198557 |
| #2 | 15.07039 | 392.8277 | 13.88446 | 387.9754 | 2.387199 | 1.198727 |
| #3 | 14.99579 | 391.1519 | 13.83337 | 383.3385 | 2.396515 | 1.192474 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 414.5424 | 2.437383 | 14.08163 | 150.8184 | 4.620125 | F 4.079359 |
| Stddev | 2.1181   | .001650  | .06553   | .8293    | .016967  | .007428    |
| %RSD   | .5109442 | .0676876 | .4653553 | .5498741 | .3672451 | .1820962   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 416.0869 | 2.439278 | 14.09777 | 149.9964 | 4.608809 | 4.082520 |
| #2 | 412.1279 | 2.436262 | 14.00954 | 151.6548 | 4.611932 | 4.084683 |
| #3 | 415.4126 | 2.436610 | 14.13758 | 150.8041 | 4.639633 | 4.070873 |

Sample Name: CCV142      Acquired: 01/09/2025 22:25:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV142      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.626430 | 4.726524 | F 10.50895 | 4.767580 | 4.854982 | 4.593159 |
| Stddev | .009607  | .007867  | .03026     | .017056  | .037305  | .013229  |
| %RSD   | .2076618 | .1664430 | .2879252   | .3577562 | .7683941 | .2880066 |
| #1     | 4.621174 | 4.718417 | 10.52887   | 4.748789 | 4.869603 | 4.599940 |
| #2     | 4.620598 | 4.727028 | 10.52385   | 4.771870 | 4.882762 | 4.601621 |
| #3     | 4.637519 | 4.734127 | 10.47413   | 4.782082 | 4.812581 | 4.577915 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 4.836462 |
| Stddev | .016521  |
| %RSD   | .3416008 |
| #1     | 4.819155 |
| #2     | 4.838167 |
| #3     | 4.852065 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1850.382 | 17184.13 | 818.8013 | 1385.413 | 1831.720 |
| Stddev    | 1.133    | 84.30    | 3.7198   | 6.447    | 1.316    |
| %RSD      | .0612371 | .4905637 | .4543037 | .4653288 | .0718315 |
| #1        | 1849.075 | 17099.60 | 814.6513 | 1381.036 | 1833.235 |
| #2        | 1851.073 | 17184.58 | 819.9171 | 1392.816 | 1830.873 |
| #3        | 1850.999 | 17268.20 | 821.8356 | 1382.387 | 1831.050 |

Sample Name: CCB142      Acquired: 01/09/2025 22:28:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB142      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026297 | -.000620 | .0010542 | -.009080 | -.002483 | .0665836 |
| Stddev | .0040270 | .002615  | .0013129 | .003498  | .004128  | .1018217 |
| %RSD   | 153.1368 | 421.5346 | 124.5354 | 38.51990 | 166.2390 | 152.9229 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001834 | .001092  | .0014014 | -.012432 | -.001662 | .0810088 |
| #2 | .003733  | .000677  | .0021586 | -.009357 | -.006960 | .1604235 |
| #3 | .005990  | -.003630 | -.000397 | -.005452 | .001172  | -.041681 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006268 | -.000256 | .0001682 | .0487804 | .0001818 | .0001936 |
| Stddev | .002271  | .000228  | .0001456 | .0348970 | .0012801 | .0003116 |
| %RSD   | 36.23280 | 89.31727 | 86.57319 | 71.53888 | 704.0313 | 160.9875 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006593 | -.000438 | .0002964 | .0344357 | .0001395 | .0002370 |
| #2 | -.003852 | .000000  | .0000098 | .0885637 | -.001077 | -.000137 |
| #3 | -.008360 | -.000329 | .0001985 | .0233419 | .001483  | .000481  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000211 | .0447400 | .0003856 | .1832656 | -.000562 | -.000702 |
| Stddev | .000508  | .0246098 | .0029255 | .0717529 | .000312  | .000596  |
| %RSD   | 241.0673 | 55.00622 | 758.7386 | 39.15242 | 55.44936 | 84.94096 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000373  | .0272309 | -.002385 | .1428016 | -.000203 | -.000634 |
| #2 | -.000553 | .0728779 | .003445  | .1408839 | -.000716 | -.000143 |
| #3 | -.000452 | .0341112 | .000097  | .2661114 | -.000767 | -.001329 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0293094 | .0004959 | .0027352 | .8608704 | .0025034 | .0179574 |
| Stddev | .0260774 | .0010489 | .0003873 | .3956152 | .0029406 | .0013804 |
| %RSD   | 88.97281 | 211.5070 | 14.16090 | 45.95526 | 117.4645 | 7.686889 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0391711 | .0016969 | .0023035 | .4546101 | .0058150 | .0168365 |
| #2 | .0490177 | -.000241 | .0030524 | .8830976 | .0001979 | .0194992 |
| #3 | -.000261 | .000031  | .0028497 | 1.244903 | .0014972 | .0175365 |



Sample Name: CCB142      Acquired: 01/09/2025 22:28:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB142      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010822 | .0011790 | -.001000 | .0005747 | .0087809 | .0005219 |
| Stddev | .0010930 | .0031521 | .000955  | .0014703 | .0012590 | .0005200 |
| %RSD   | 101.0074 | 267.3531 | 95.42104 | 255.8484 | 14.33769 | 99.63706 |
| #1     | .0016134 | .0043542 | -.000422 | -.000875 | .0089115 | .0000465 |
| #2     | .0018080 | -.001949 | -.002102 | .002064  | .0099694 | .0004420 |
| #3     | -.000175 | .001132  | -.000477 | .000535  | .0074617 | .0010773 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0468521 |
| Stddev | .0083789   |
| %RSD   | 17.88367   |
| #1     | .0564595   |
| #2     | .0430376   |
| #3     | .0410592   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2223.797 | 20525.26 | 895.6404 | 1677.980 | 2612.074 |
| Stddev    | 3.802    | 50.91    | 7.2315   | 7.851    | 4.026    |
| %RSD      | .1709660 | .2480478 | .8074069 | .4678576 | .1541366 |
| #1        | 2225.682 | 20486.12 | 898.9576 | 1674.893 | 2607.595 |
| #2        | 2226.288 | 20506.84 | 887.3455 | 1672.143 | 2615.392 |
| #3        | 2219.421 | 20582.82 | 900.6182 | 1686.905 | 2613.235 |