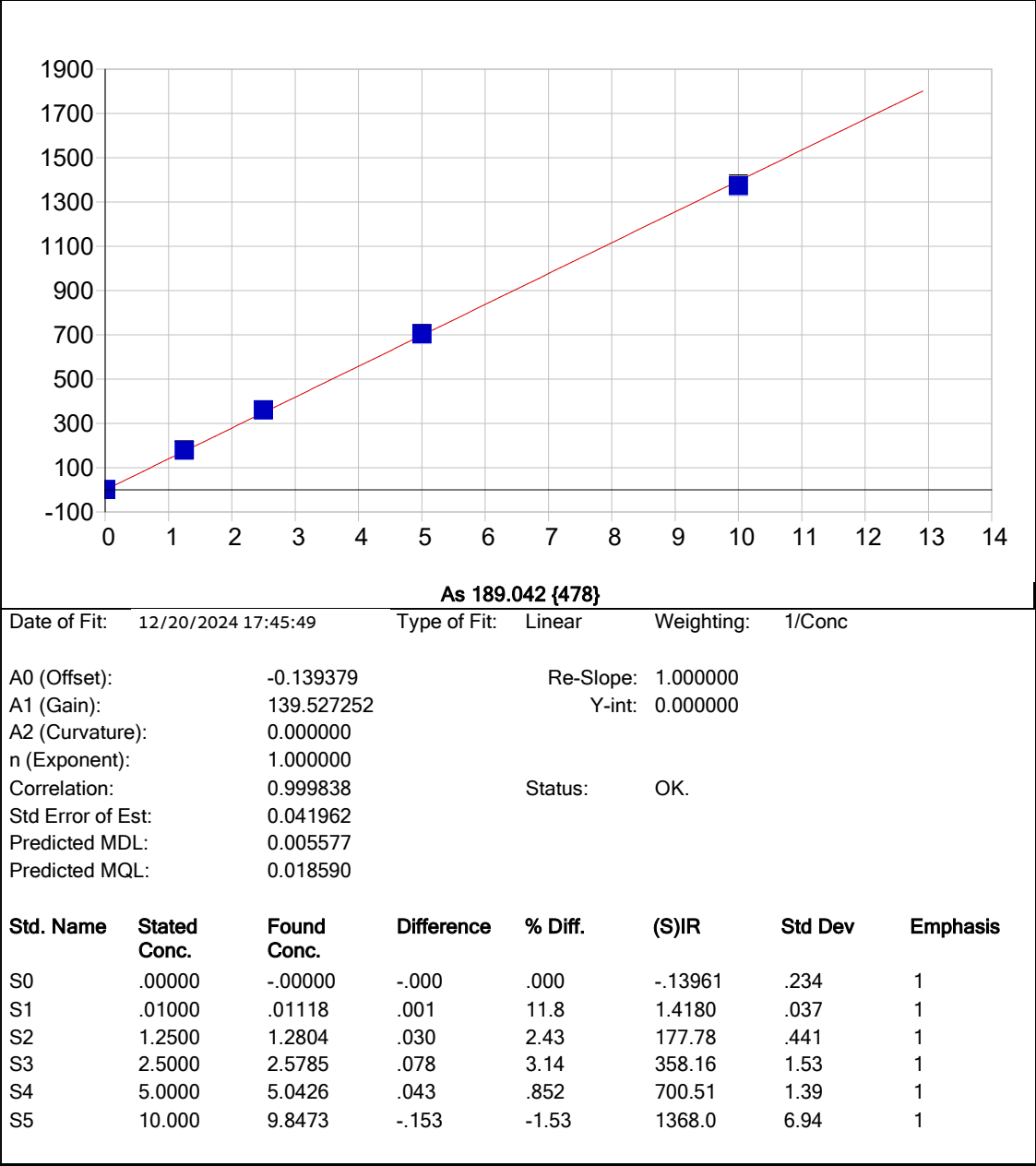
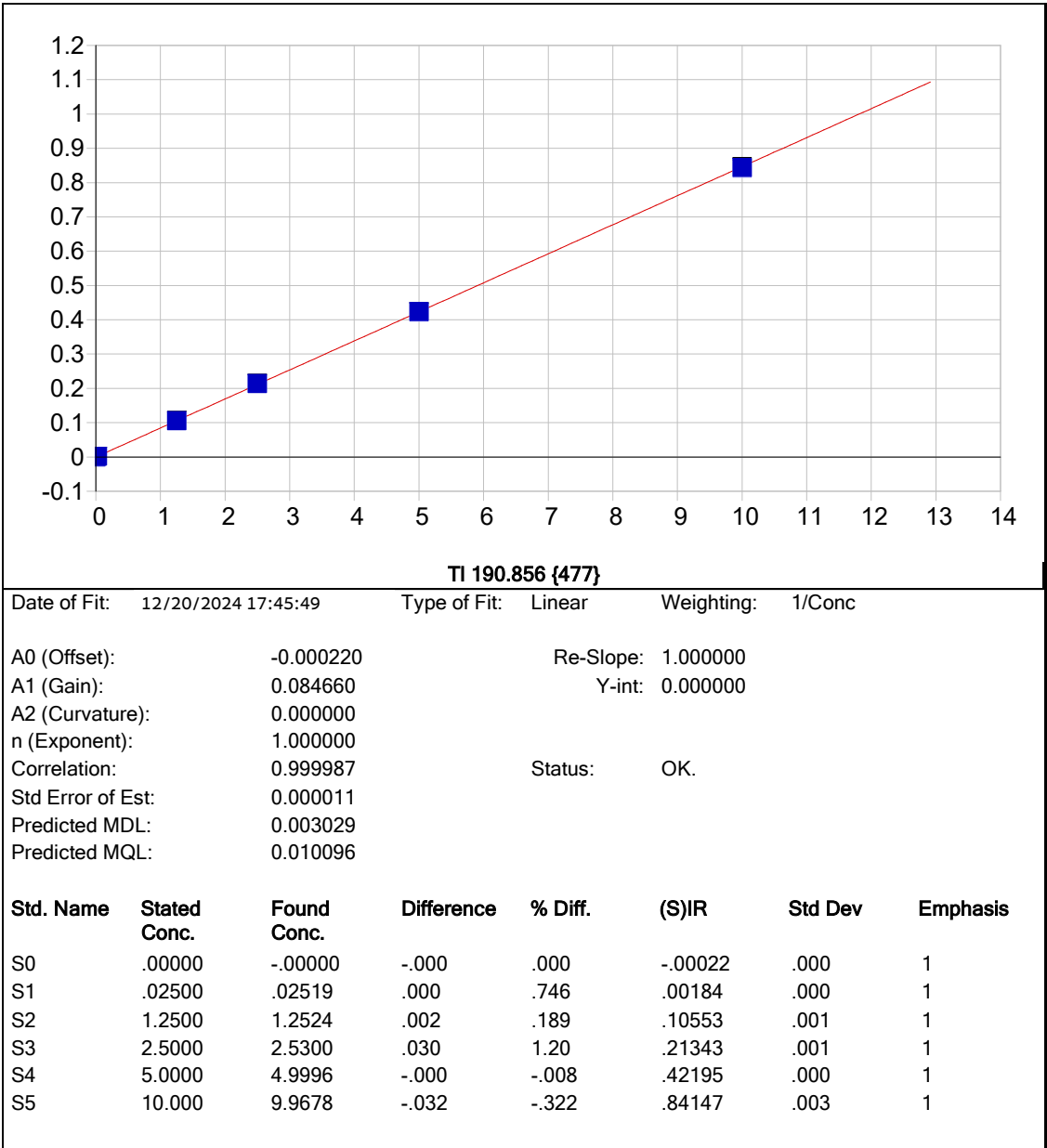
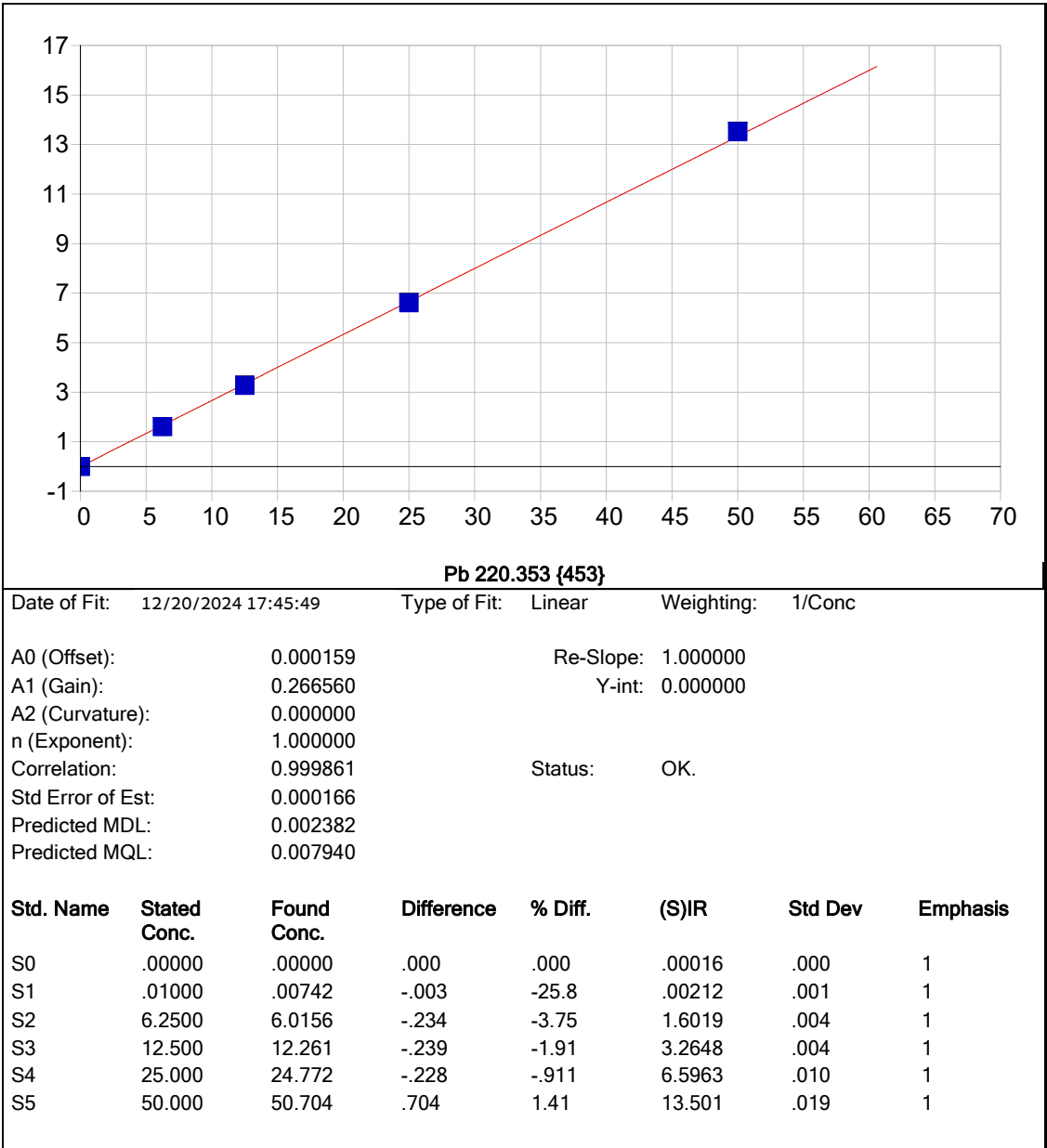
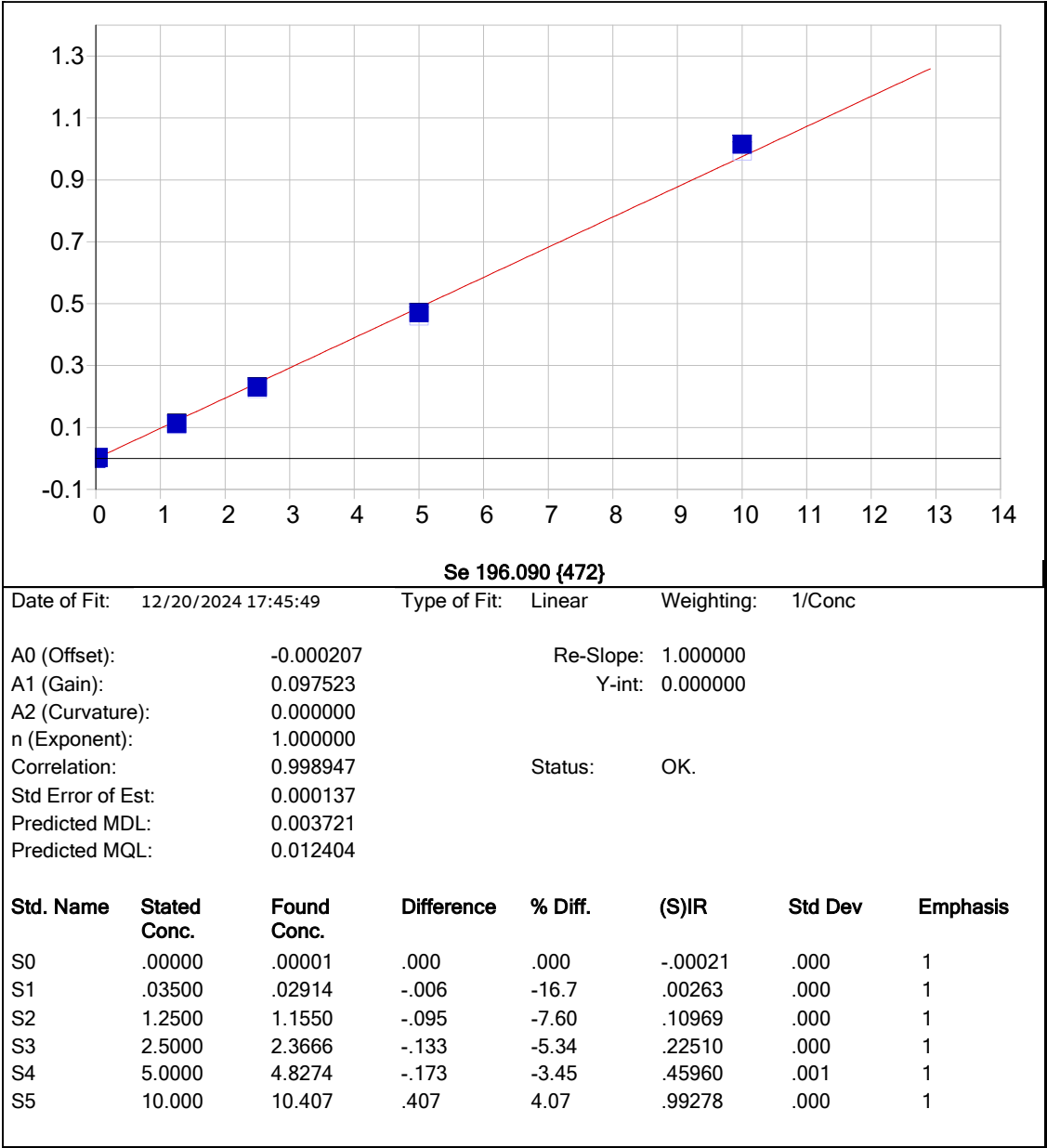


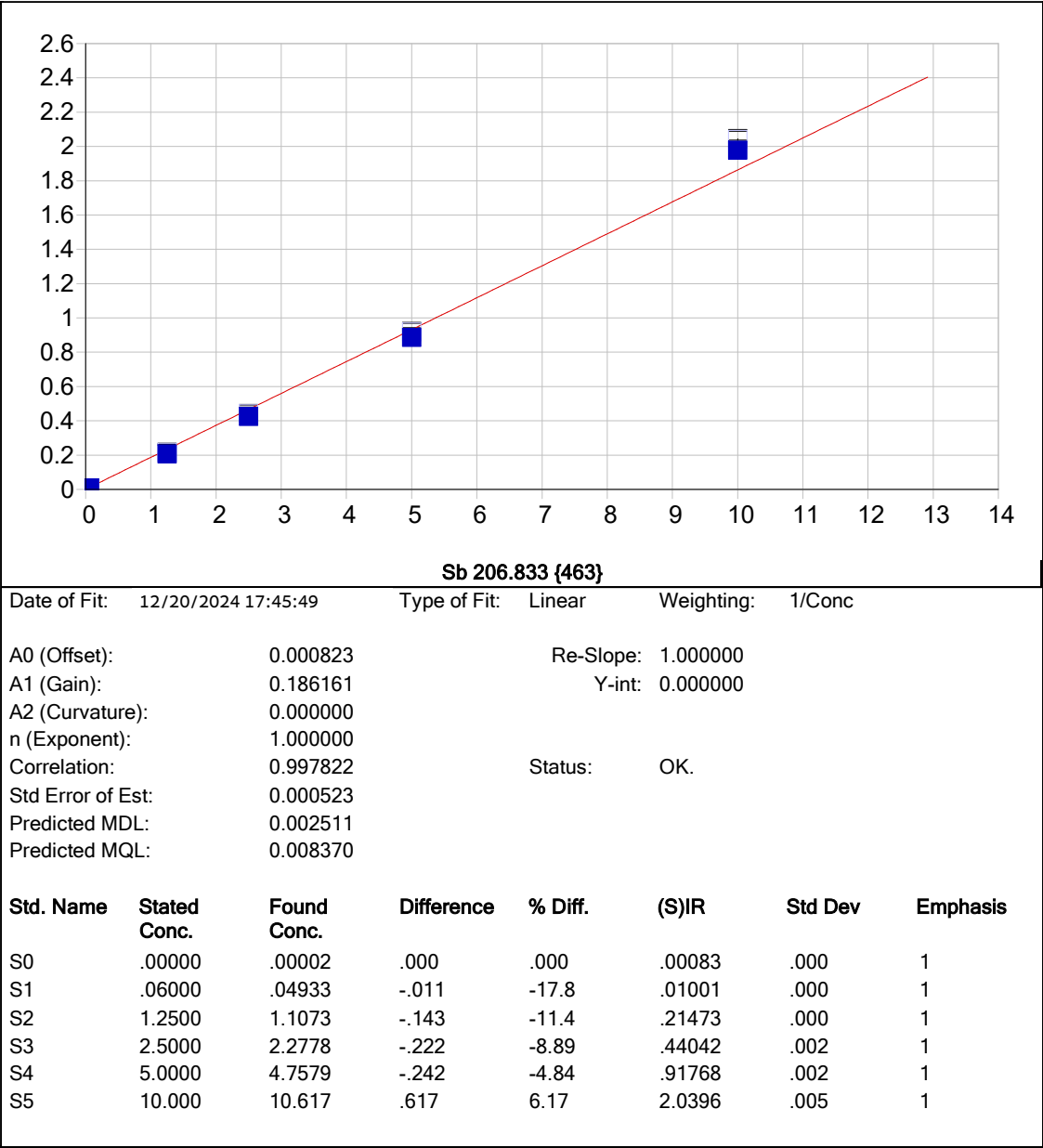


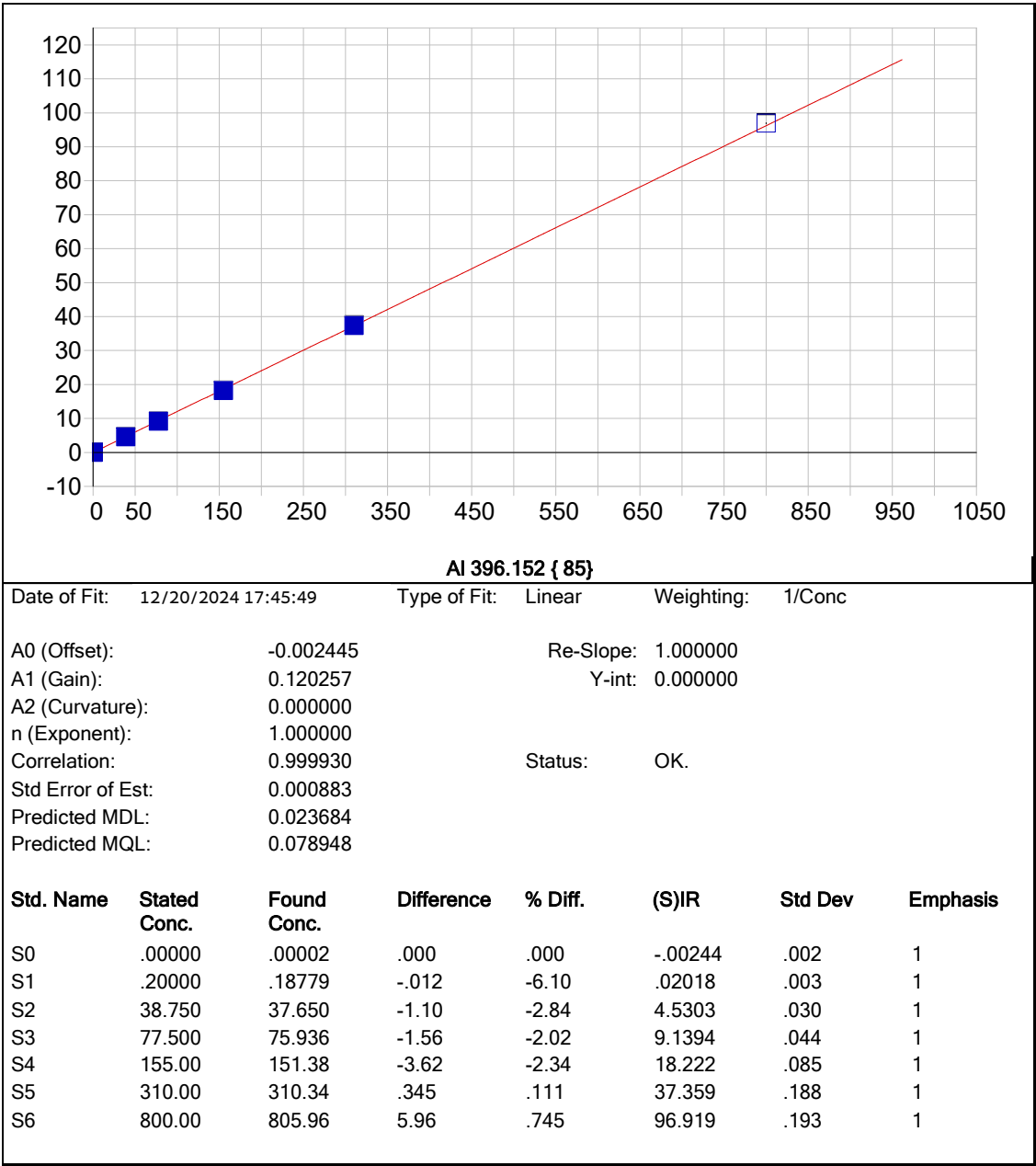




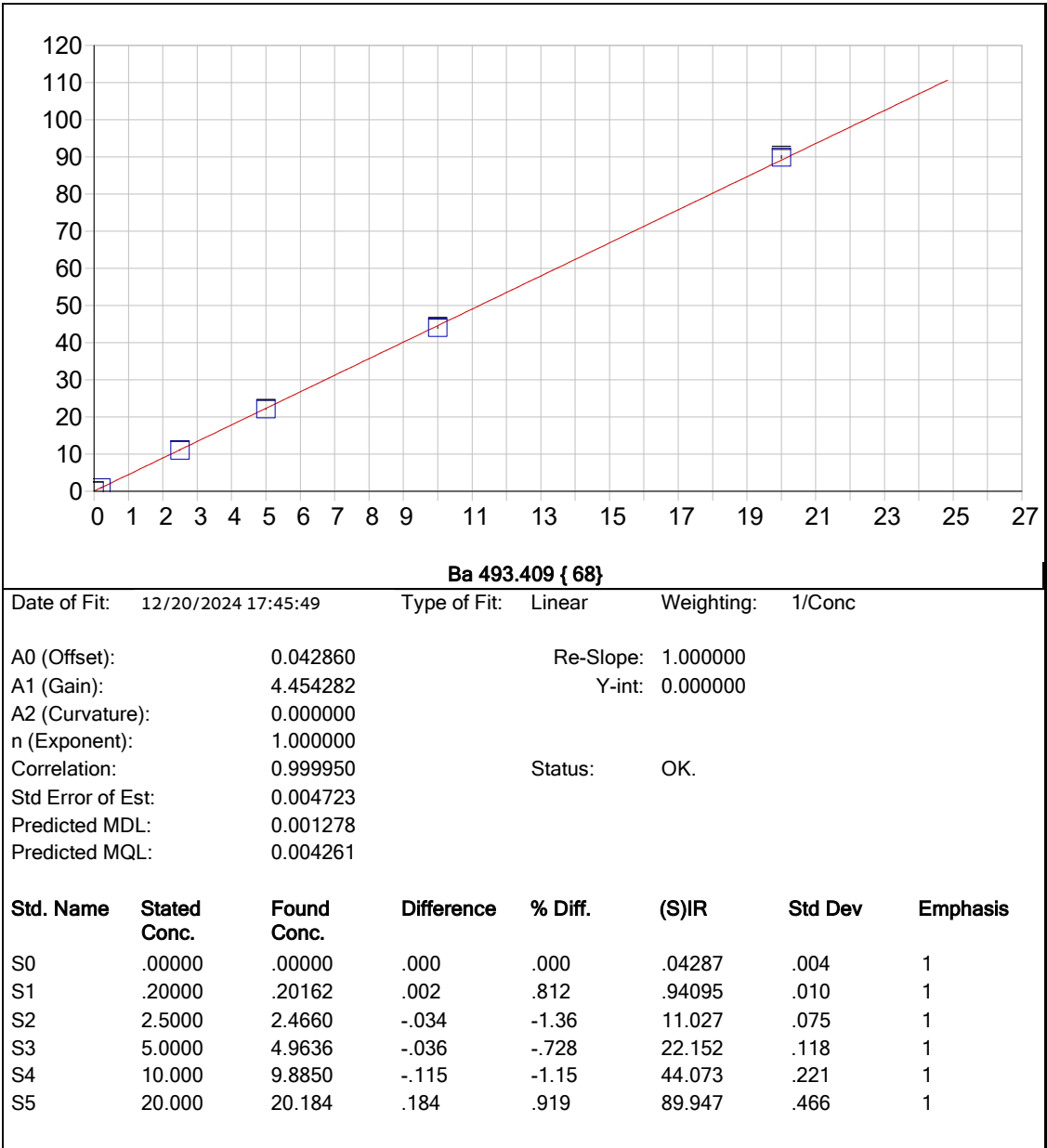


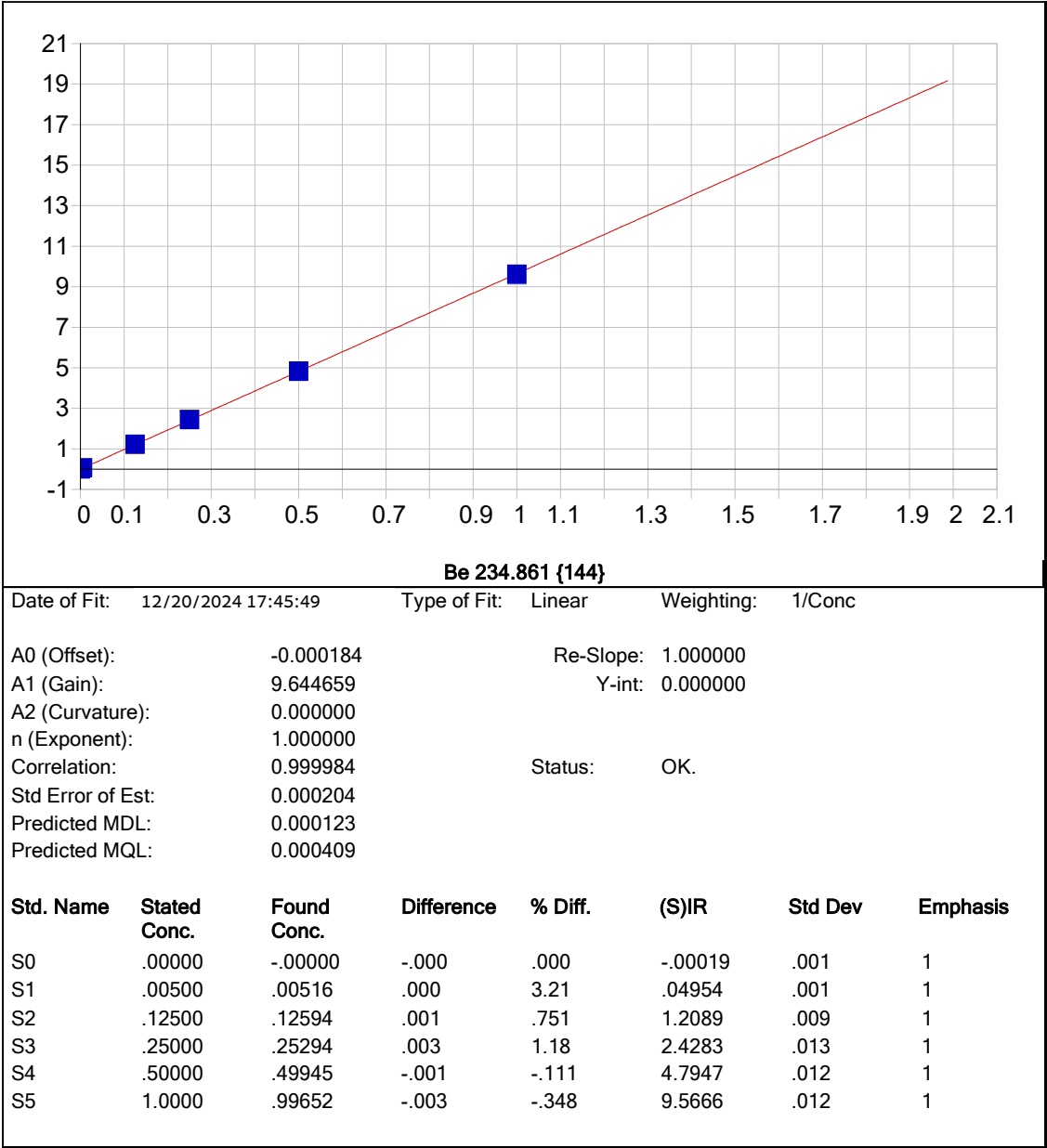


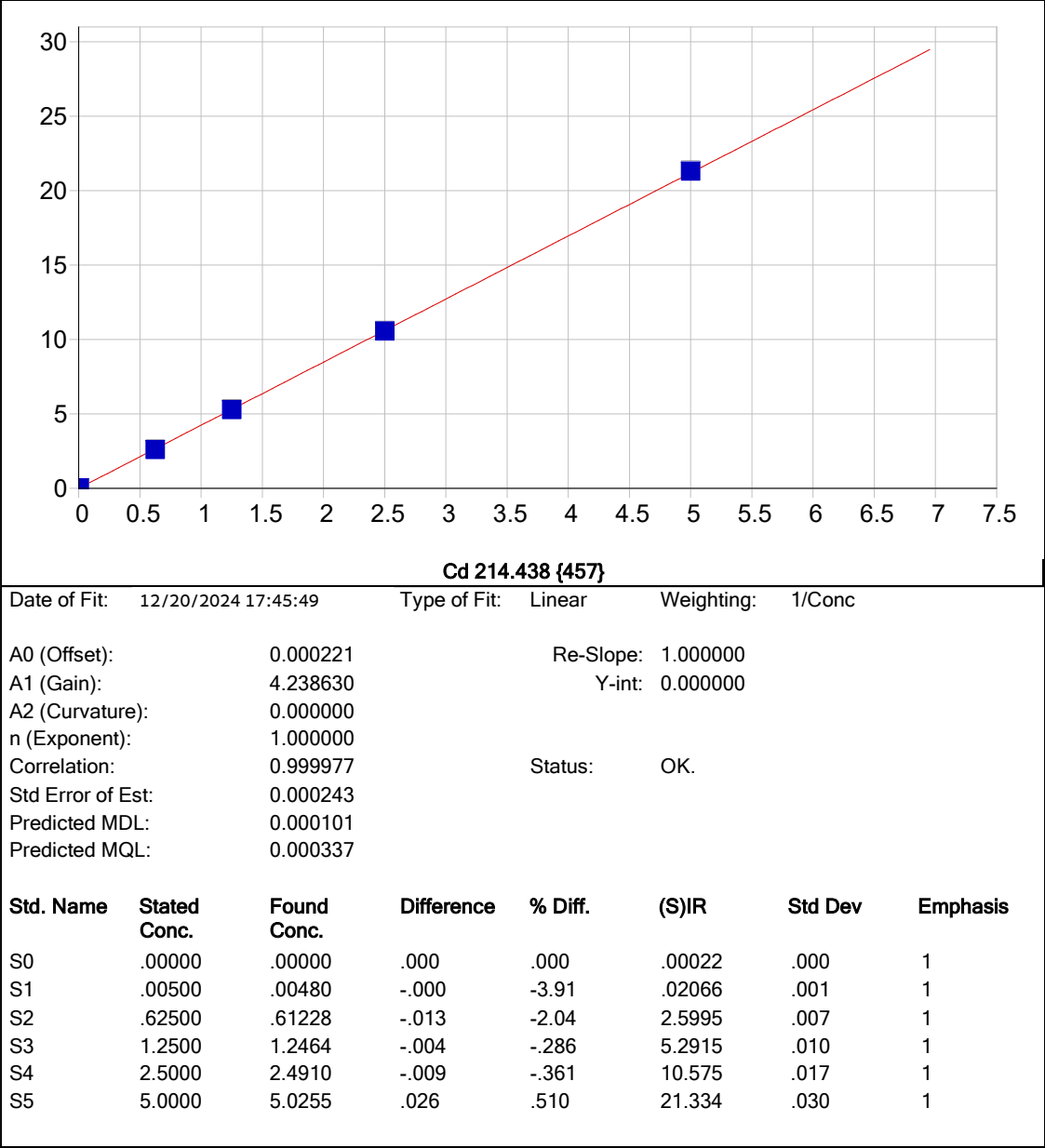


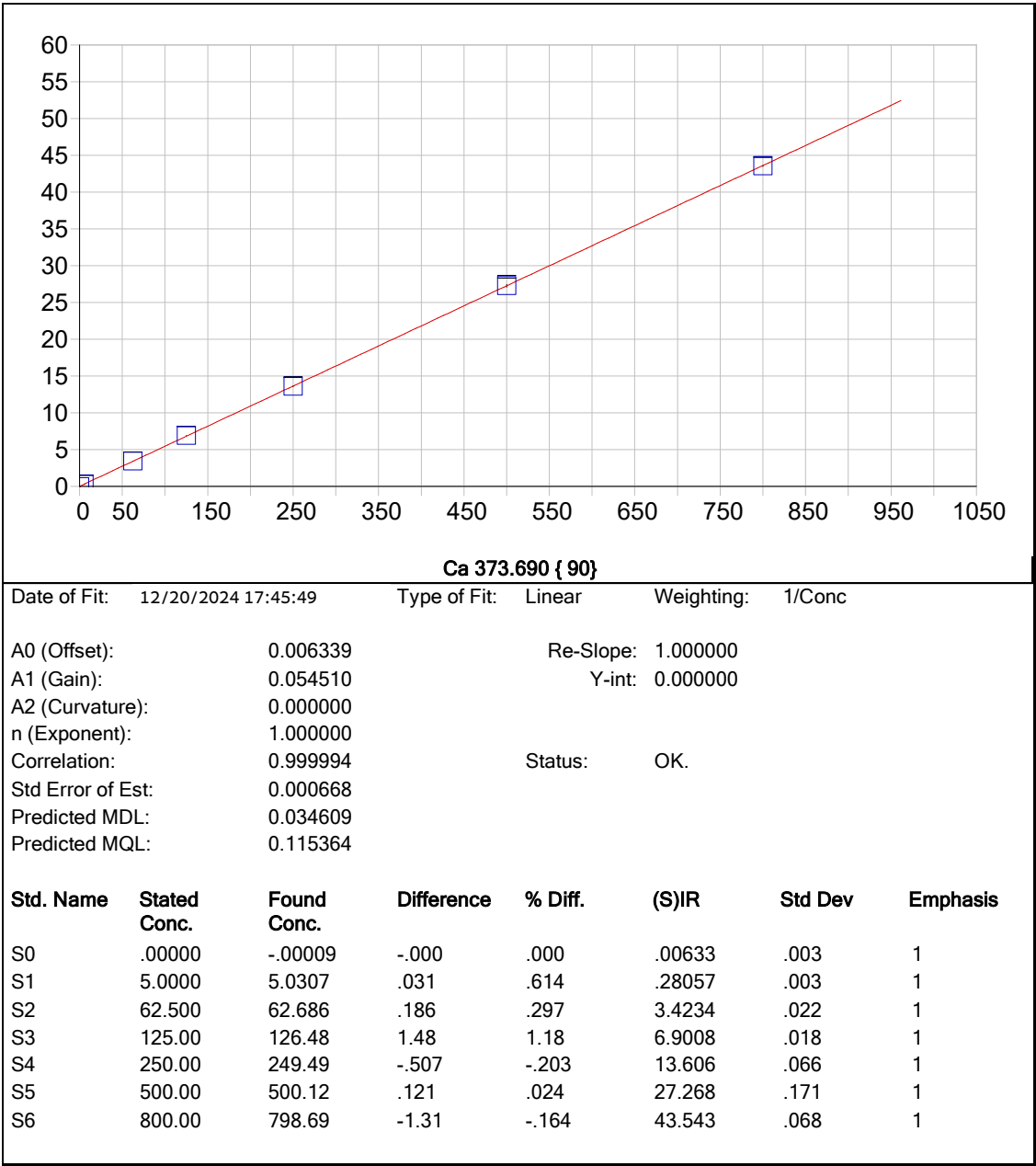


|                   |                     |              |          |            |        |
|-------------------|---------------------|--------------|----------|------------|--------|
| Date of Fit:      | 12/20/2024 17:45:49 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | -0.002445           | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 0.120257            | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000            |              |          |            |        |
| n (Exponent):     | 1.000000            |              |          |            |        |
| Correlation:      | 0.999930            | Status:      | OK.      |            |        |
| Std Error of Est: | 0.000883            |              |          |            |        |
| Predicted MDL:    | 0.023684            |              |          |            |        |
| Predicted MQL:    | 0.078948            |              |          |            |        |







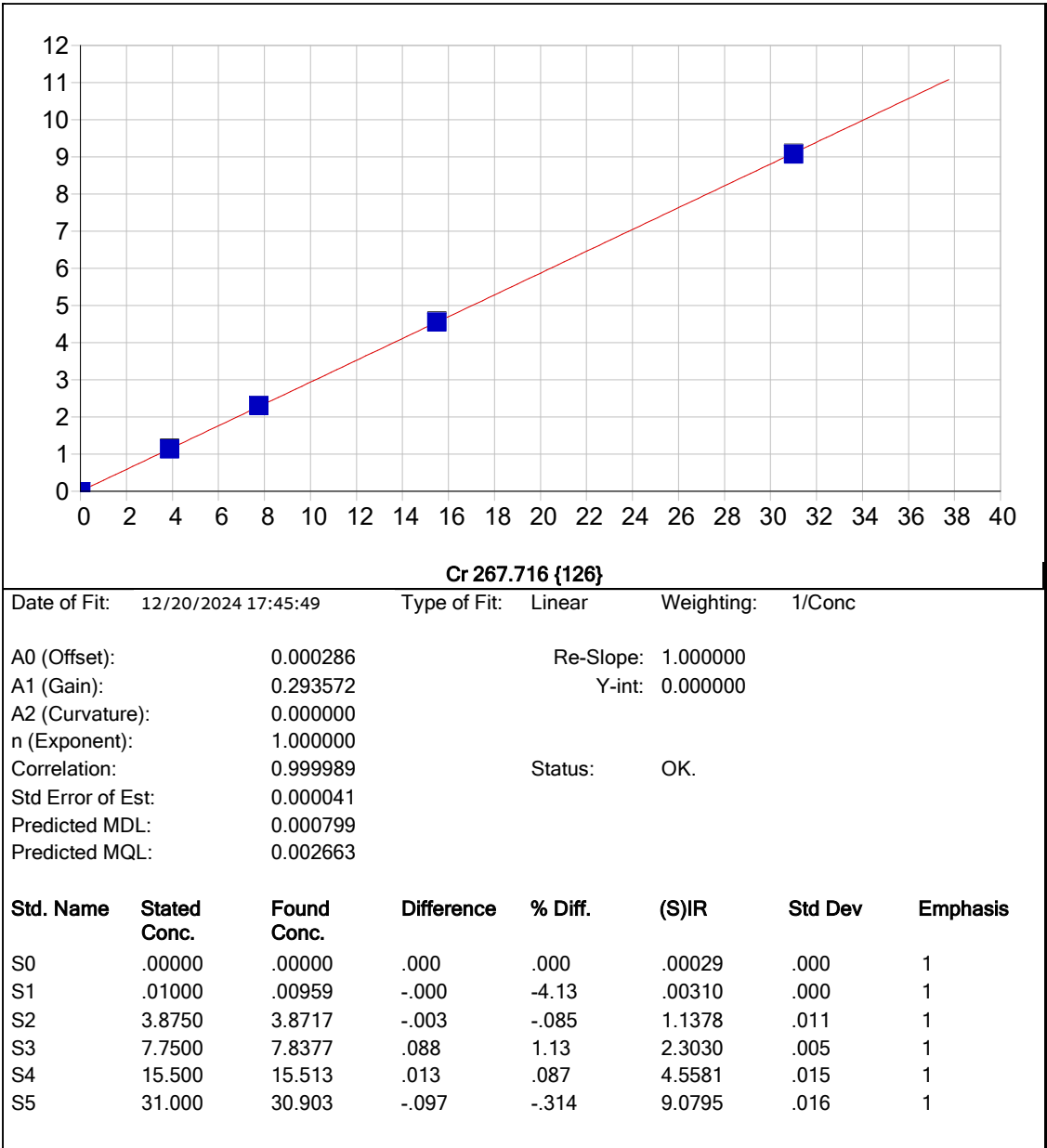


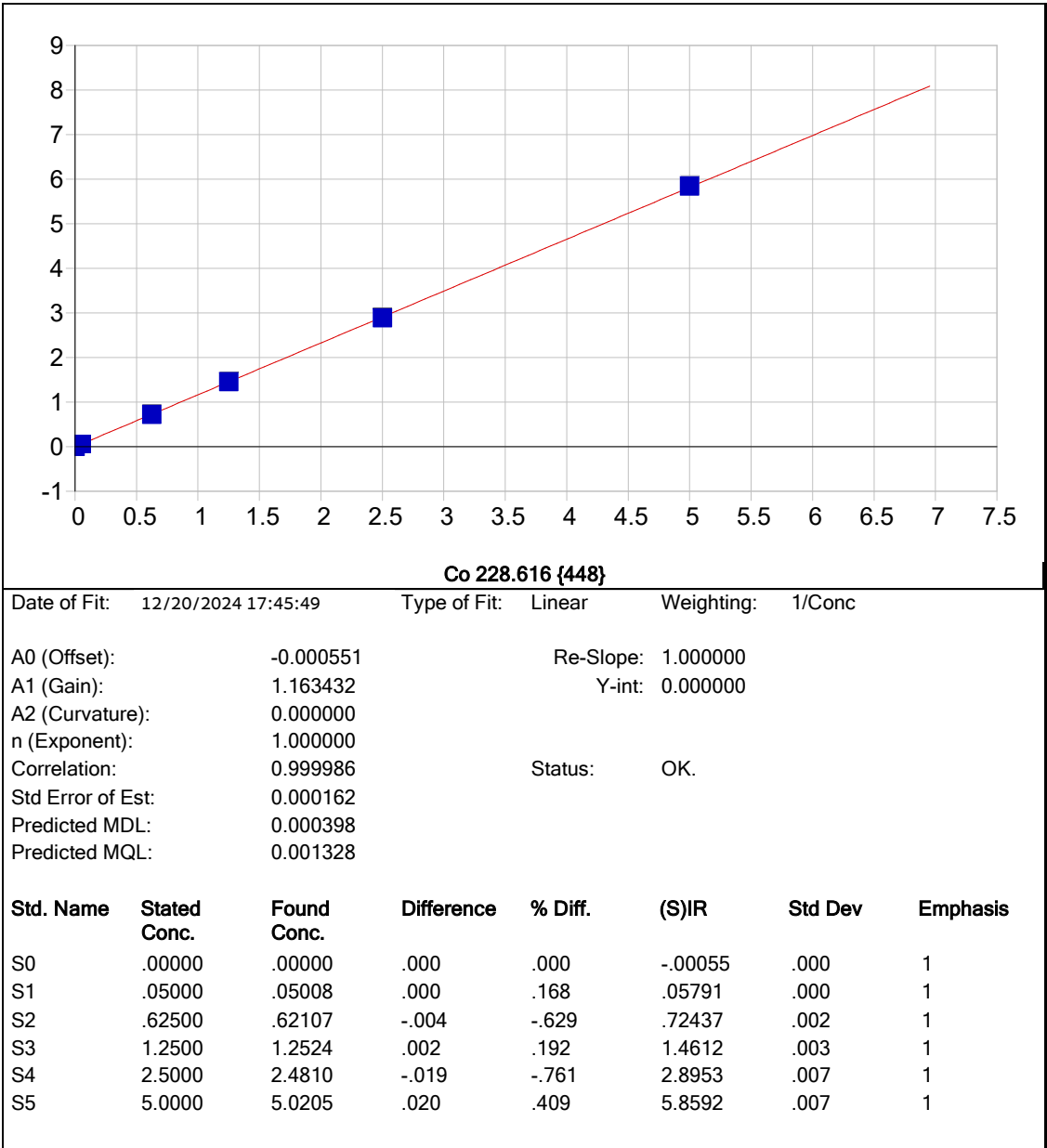
Date of Fit: 12/20/2024 17:45:49      Type of Fit: Linear      Weighting: 1/Conc

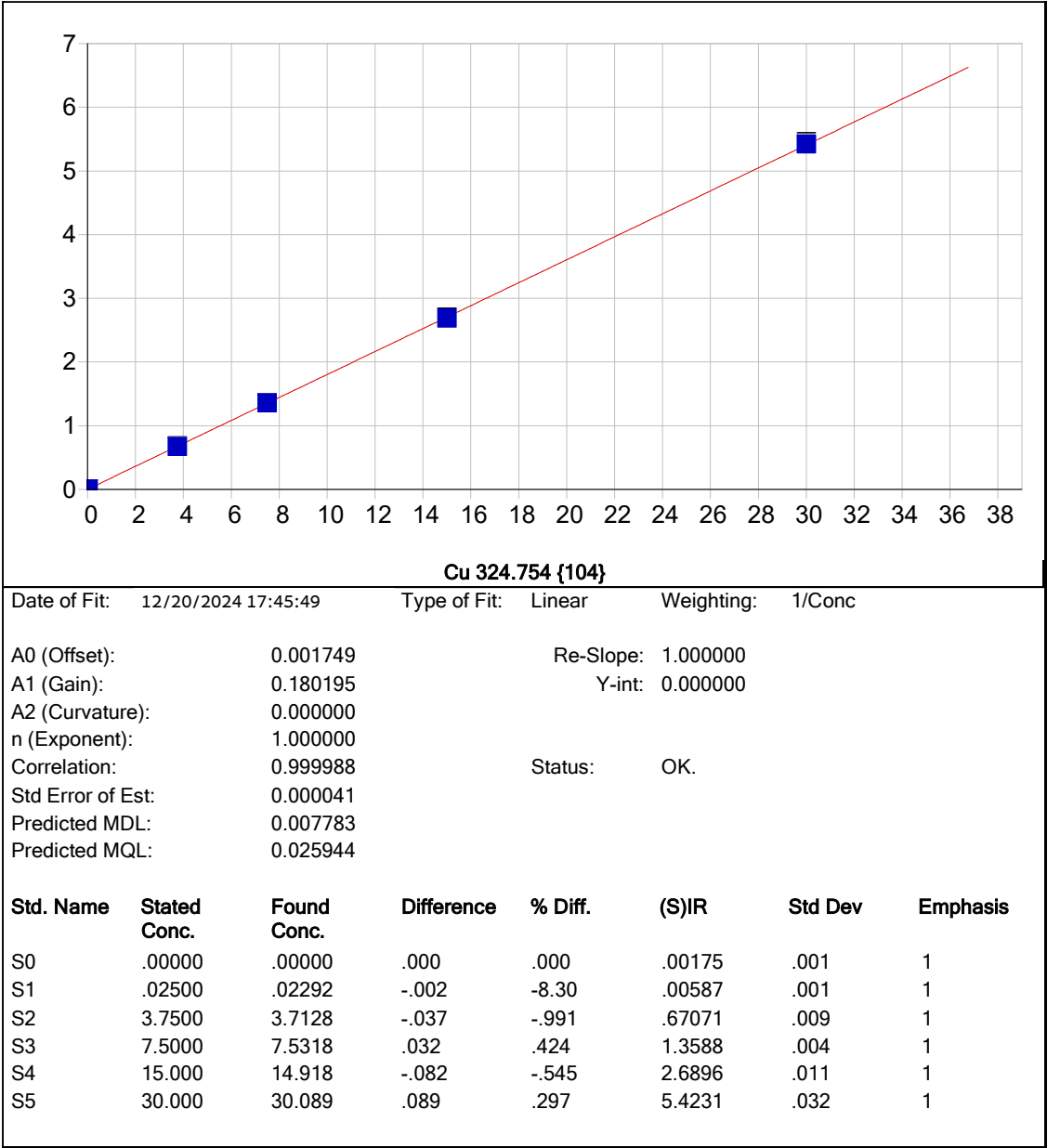
A0 (Offset): 0.006339      Re-Slope: 1.000000  
A1 (Gain): 0.054510      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999994      Status: OK.  
Std Error of Est: 0.000668  
Predicted MDL: 0.034609  
Predicted MQL: 0.115364

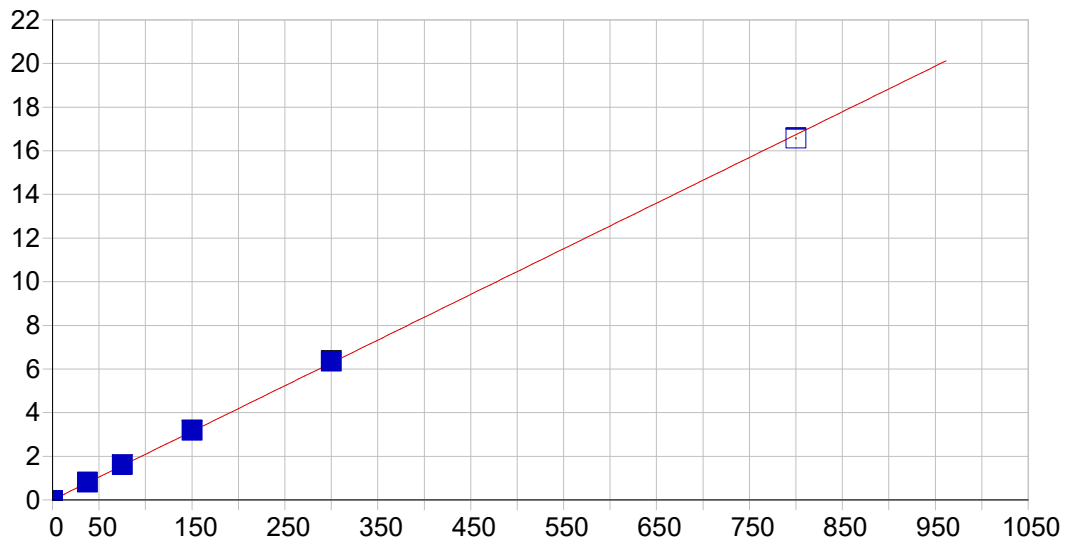
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00009     | -.000      | .000    | .00633 | .003    | 1        |
| S1        | 5.0000       | 5.0307      | .031       | .614    | .28057 | .003    | 1        |
| S2        | 62.500       | 62.686      | .186       | .297    | 3.4234 | .022    | 1        |
| S3        | 125.00       | 126.48      | 1.48       | 1.18    | 6.9008 | .018    | 1        |
| S4        | 250.00       | 249.49      | -.507      | -.203   | 13.606 | .066    | 1        |
| S5        | 500.00       | 500.12      | .121       | .024    | 27.268 | .171    | 1        |
| S6        | 800.00       | 798.69      | -1.31      | -.164   | 43.543 | .068    | 1        |









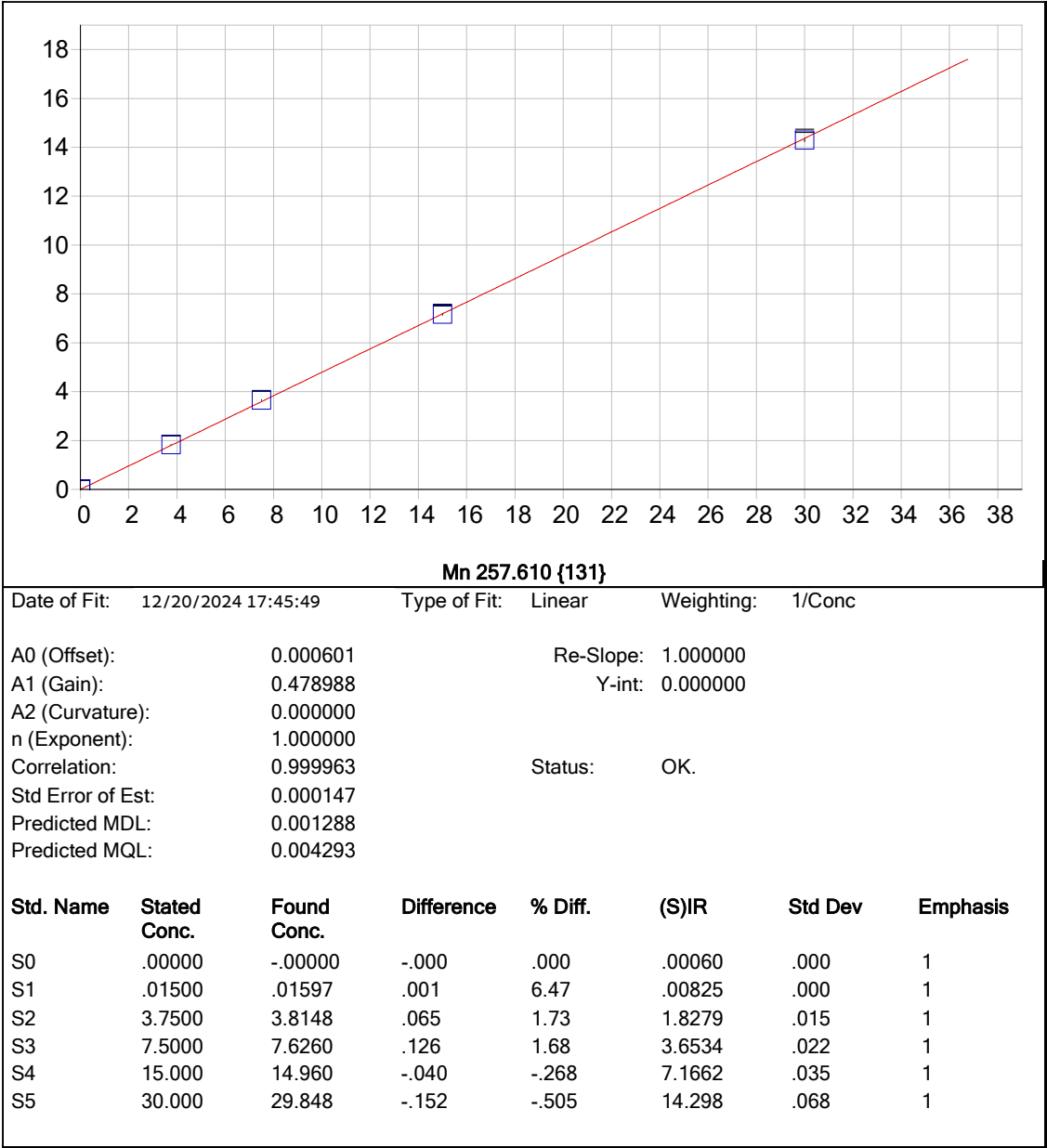


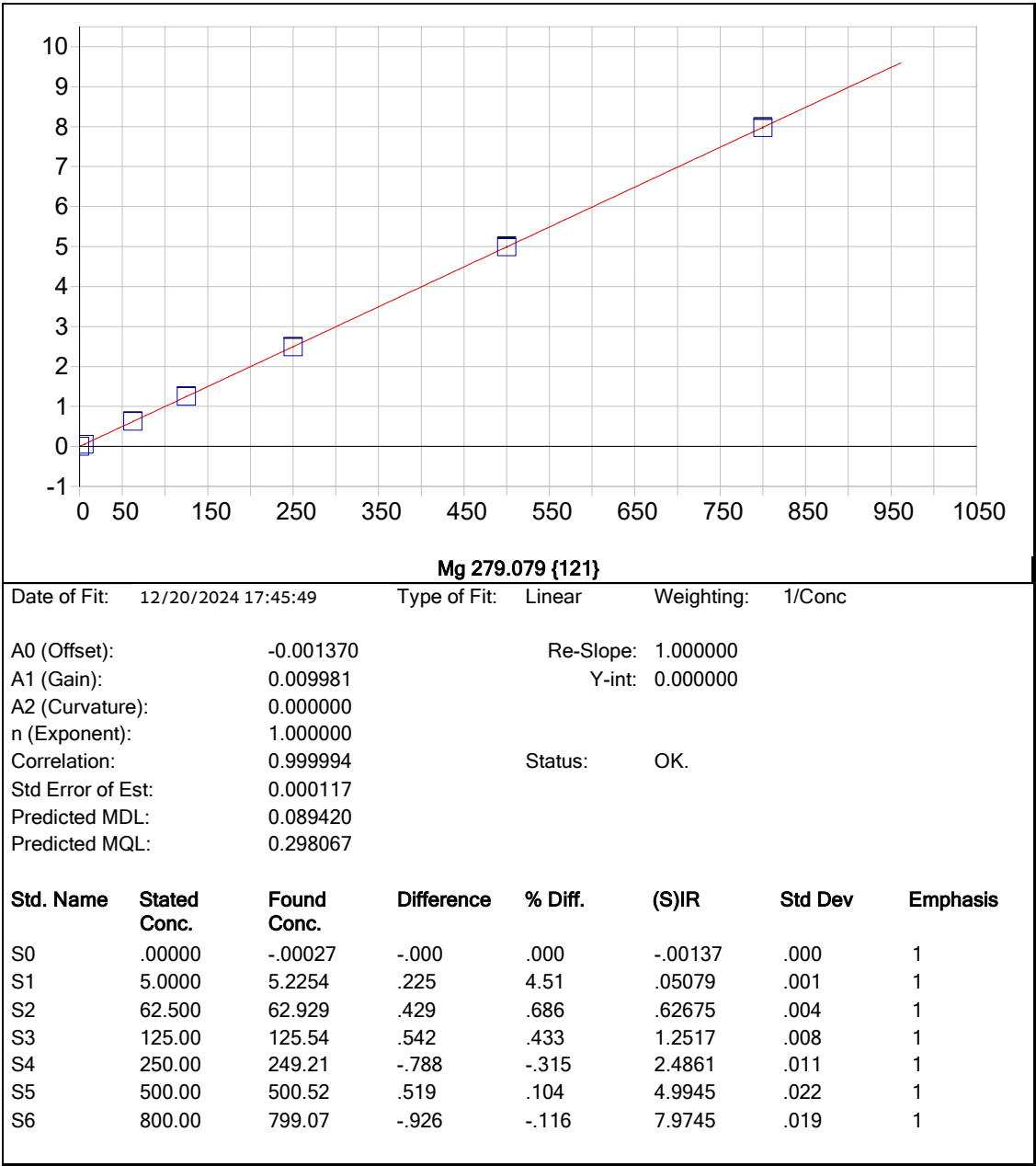
**Fe 259.837 {130}**

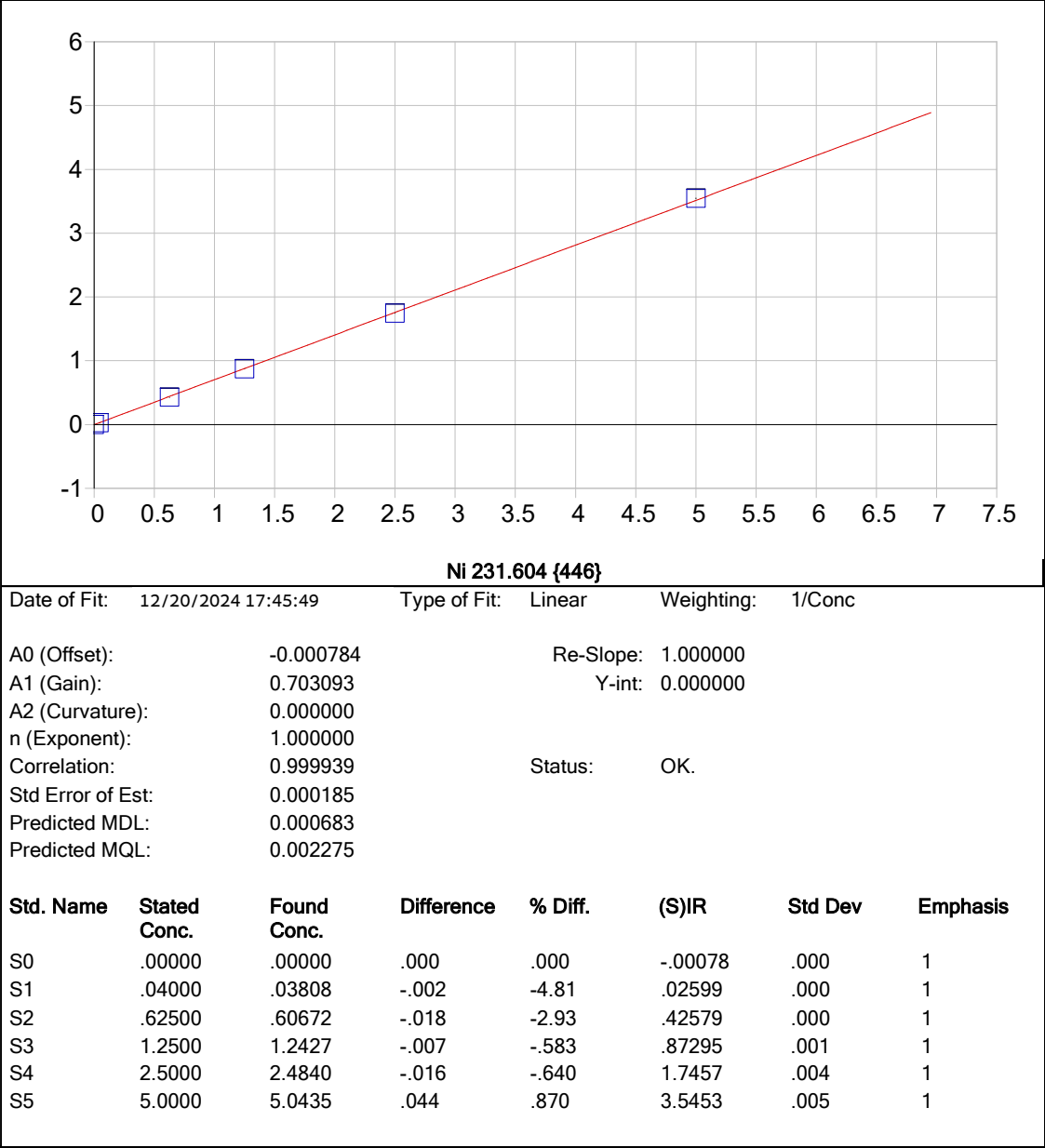
Date of Fit: 12/20/2024 17:45:49      Type of Fit: Linear      Weighting: 1/Conc

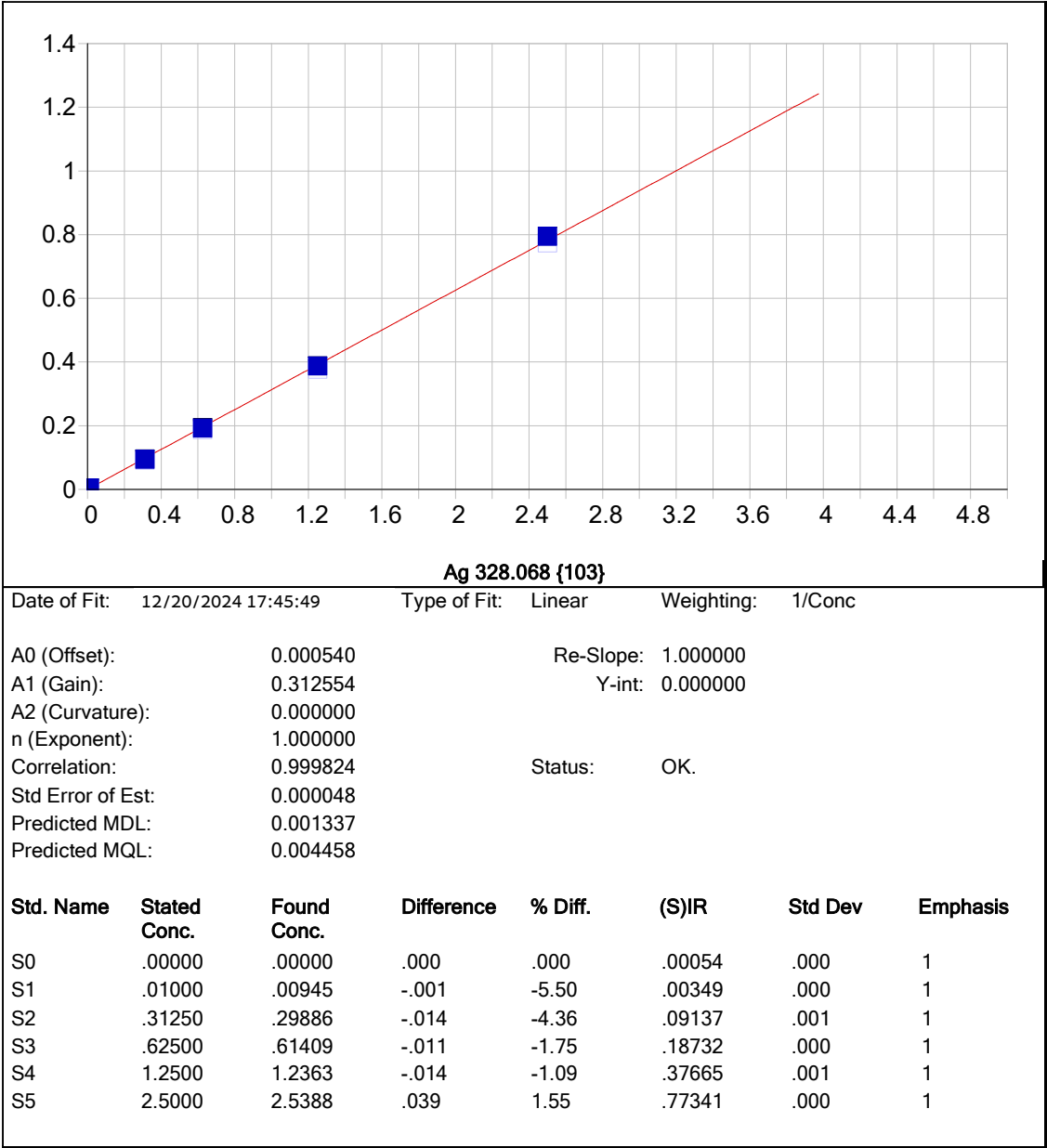
|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000223 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.020928 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999919 | Status:   | OK.      |
| Std Error of Est: | 0.000116 |           |          |
| Predicted MDL:    | 0.033293 |           |          |
| Predicted MQL:    | 0.110976 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00022 | .000    | 1        |
| S1        | .10000       | .10151      | .002       | 1.51    | .00235 | .000    | 1        |
| S2        | 37.500       | 38.570      | 1.07       | 2.85    | .80762 | .005    | 1        |
| S3        | 75.000       | 76.916      | 1.92       | 2.55    | 1.6103 | .003    | 1        |
| S4        | 150.00       | 151.94      | 1.94       | 1.29    | 3.1807 | .017    | 1        |
| S5        | 300.00       | 303.16      | 3.16       | 1.05    | 6.3463 | .038    | 1        |
| S6        | 800.00       | 791.91      | -8.09      | -1.01   | 16.574 | .026    | 1        |

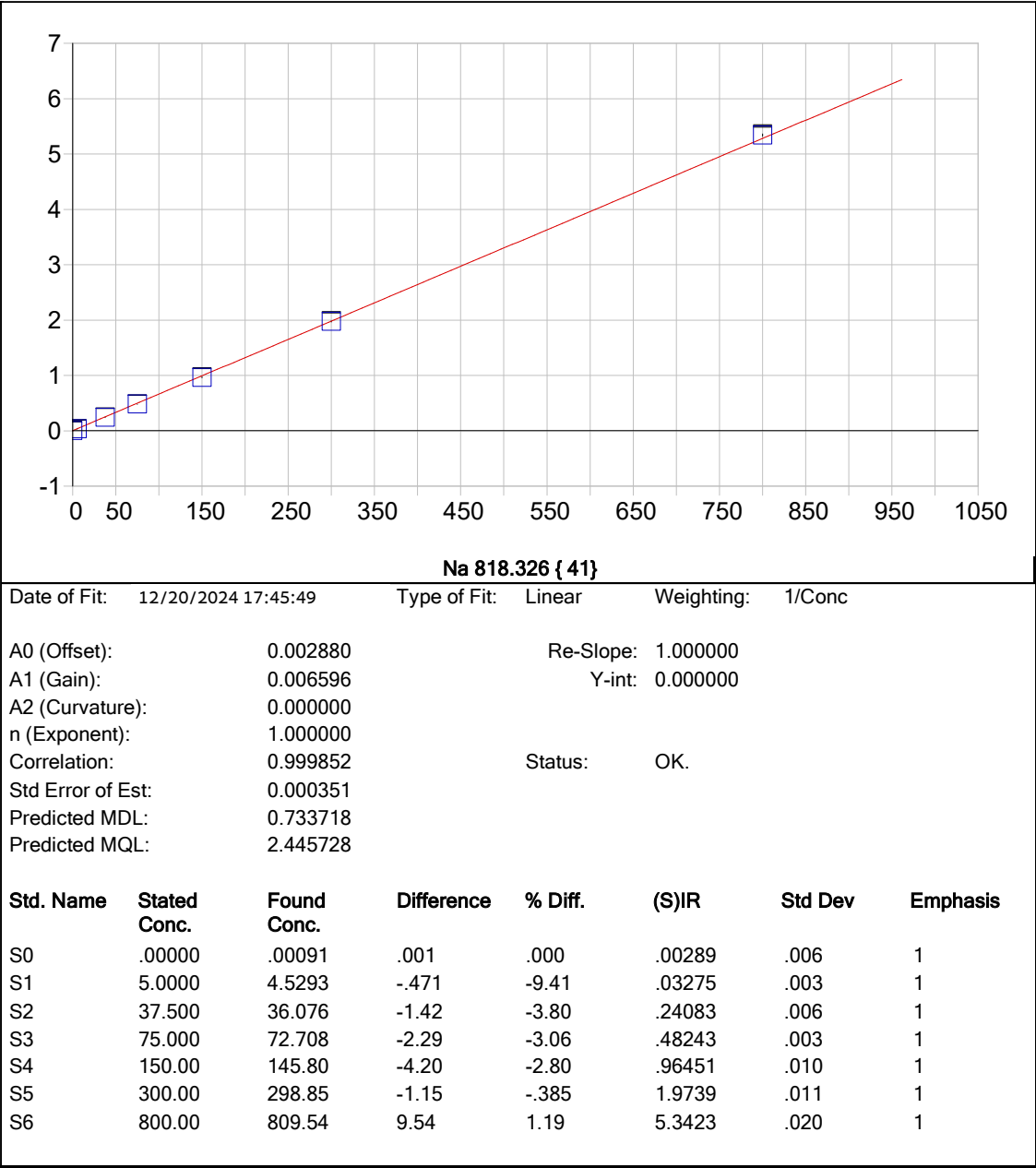


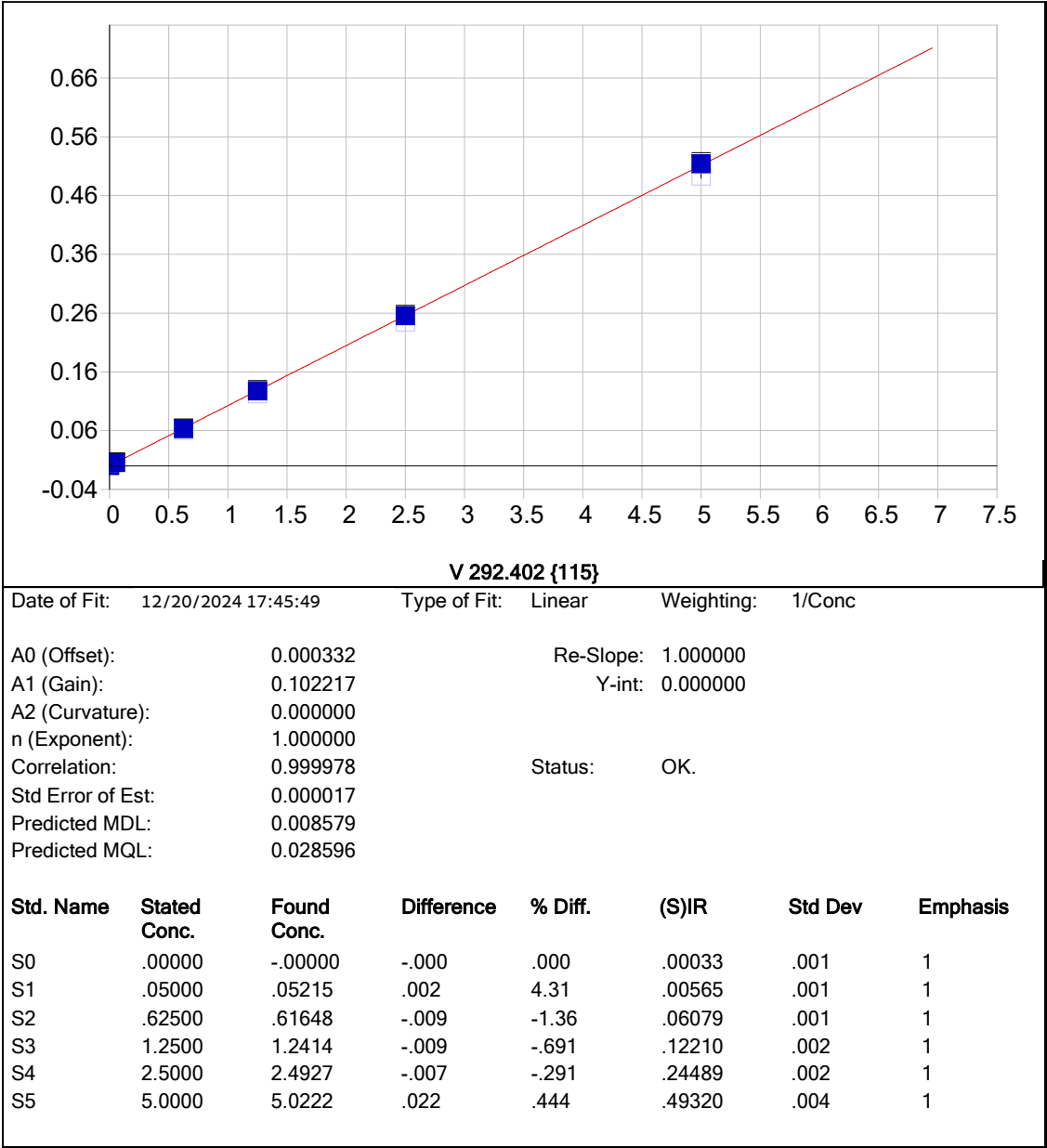


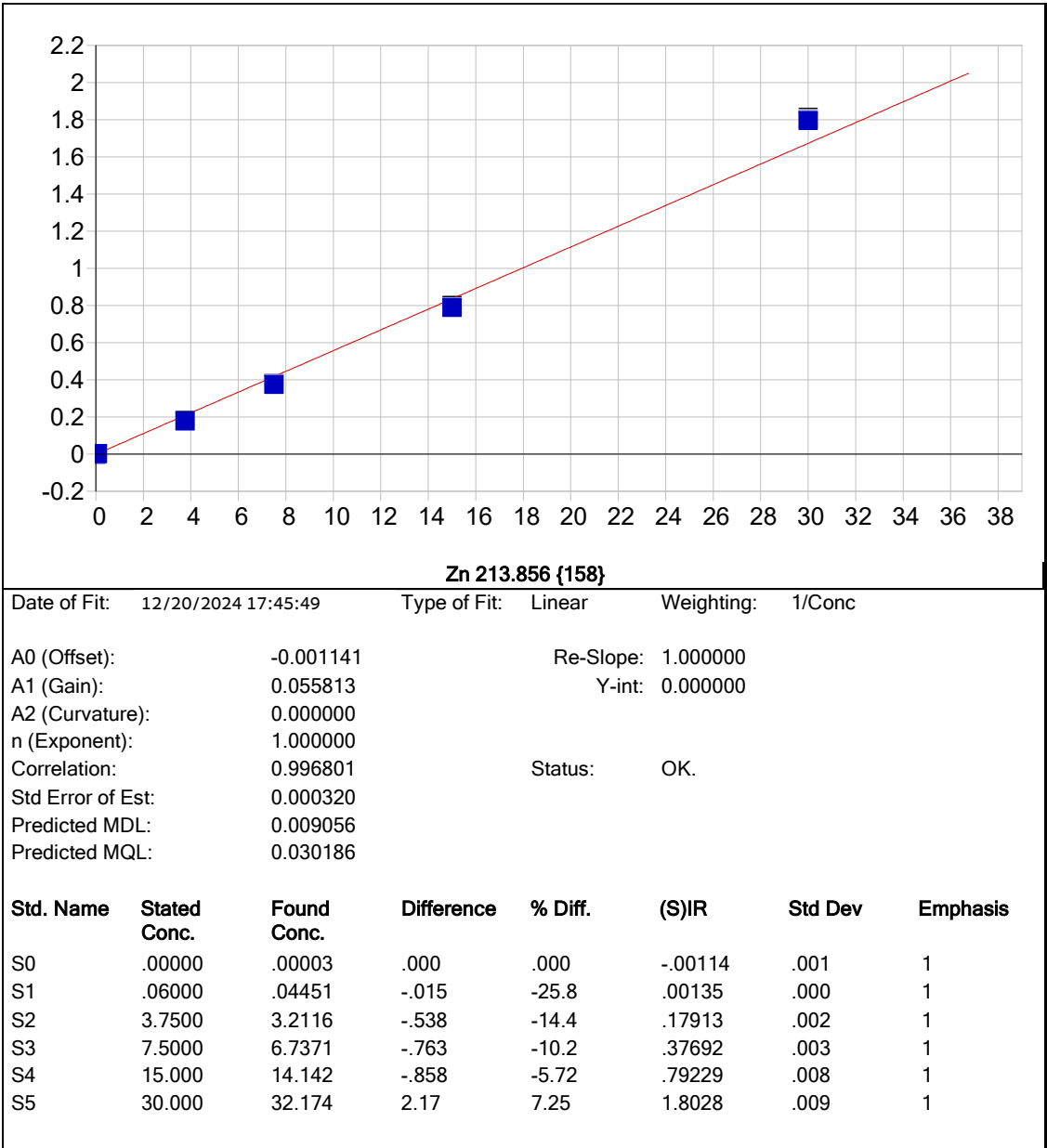


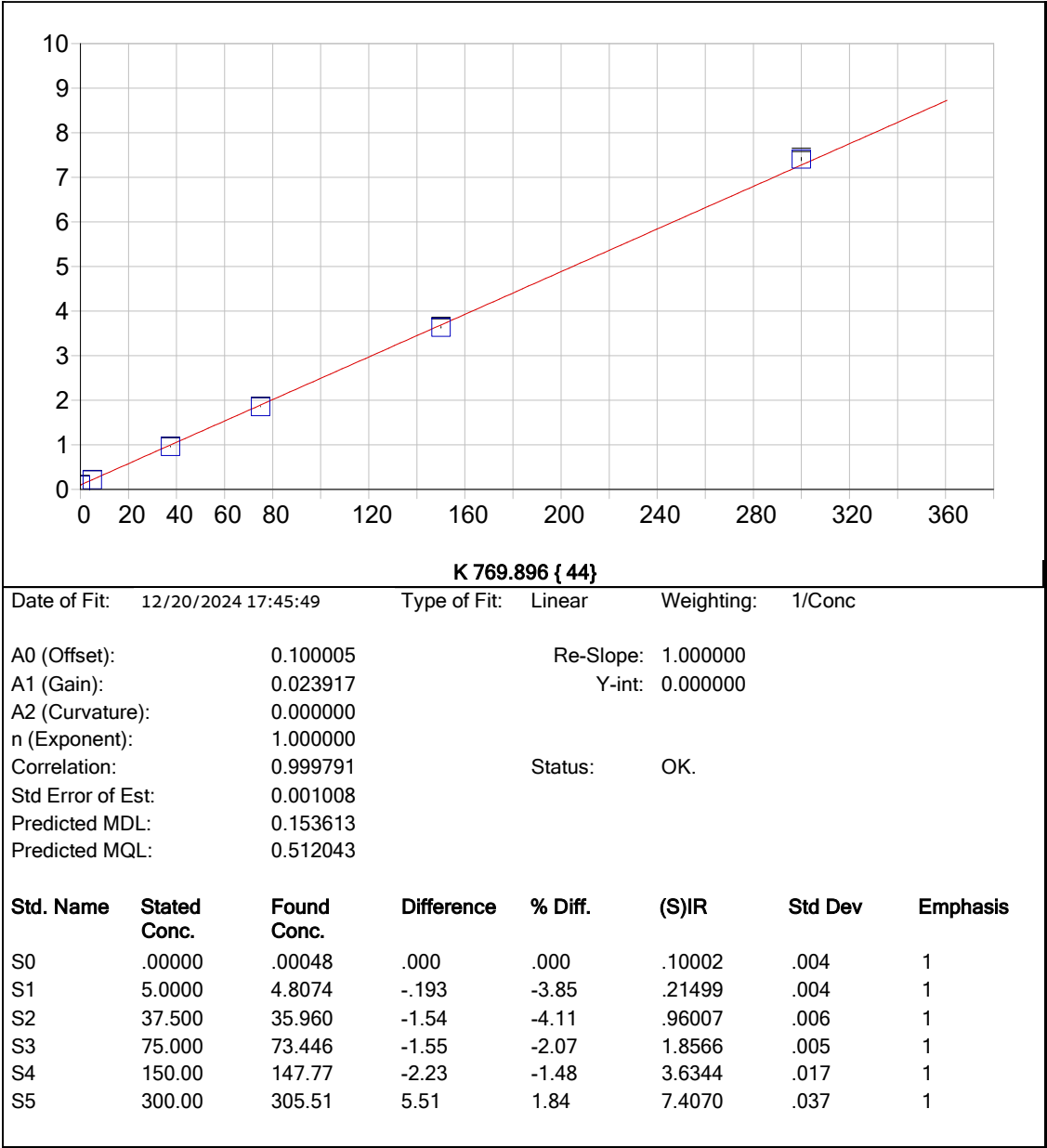


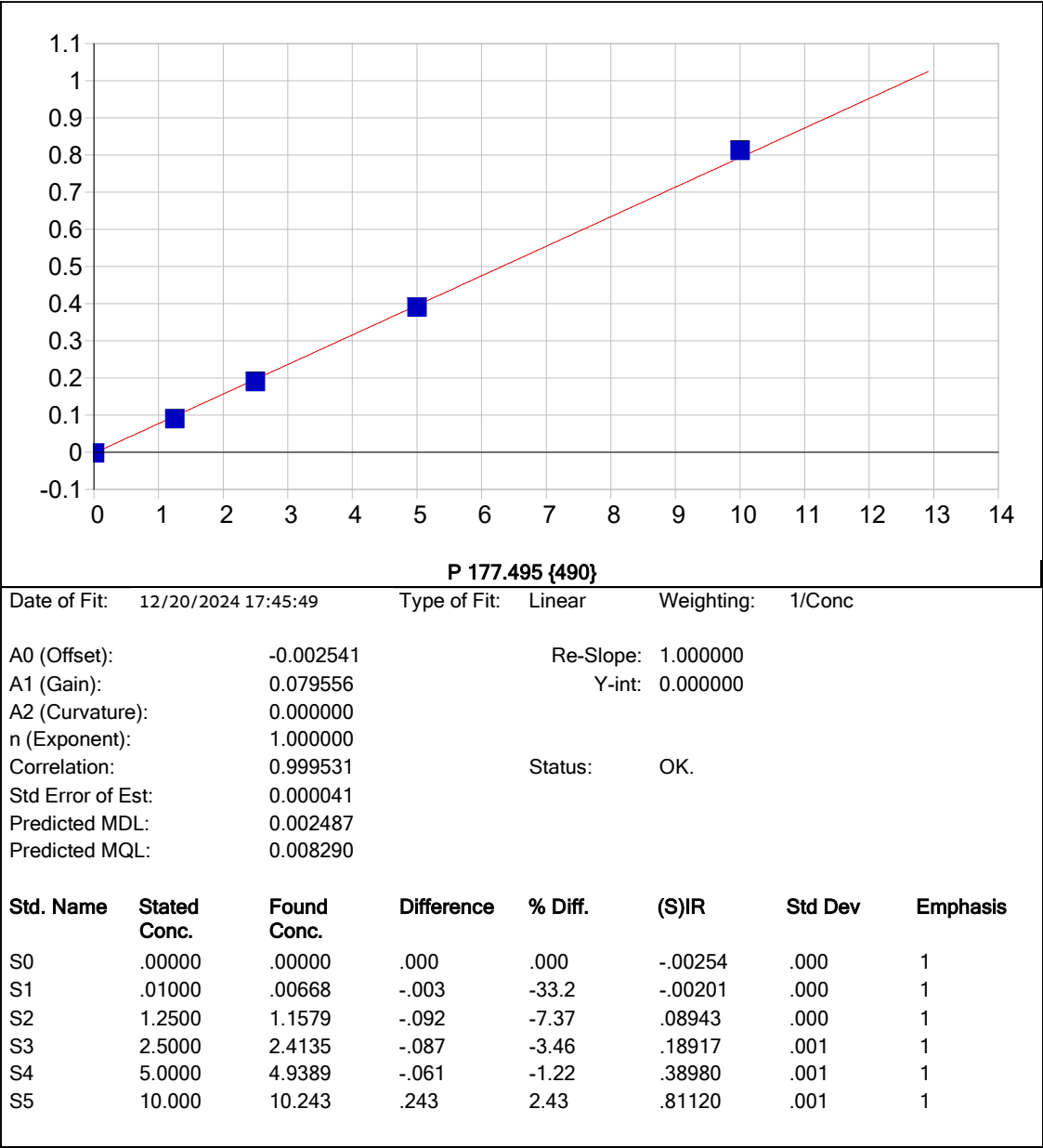


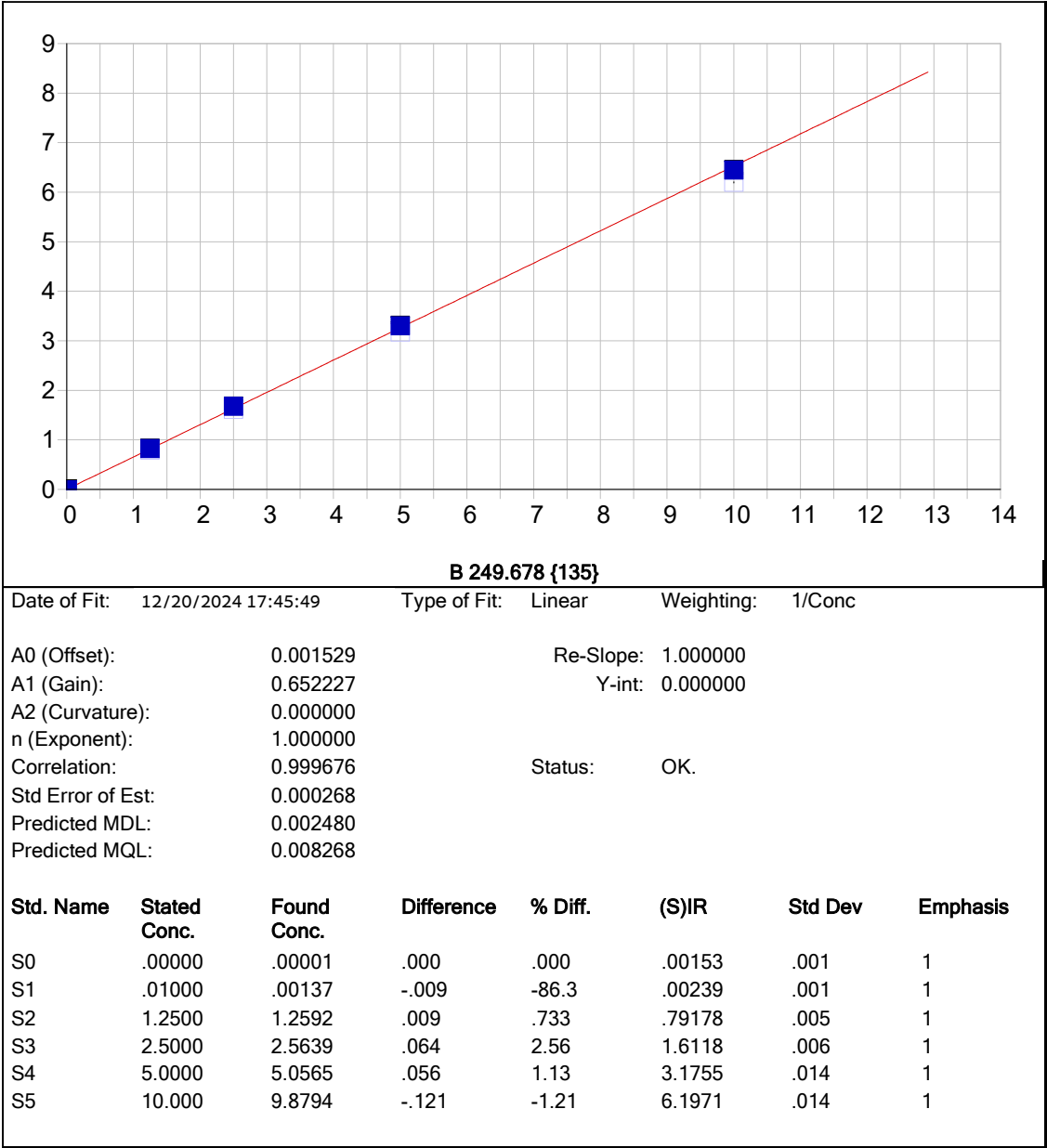


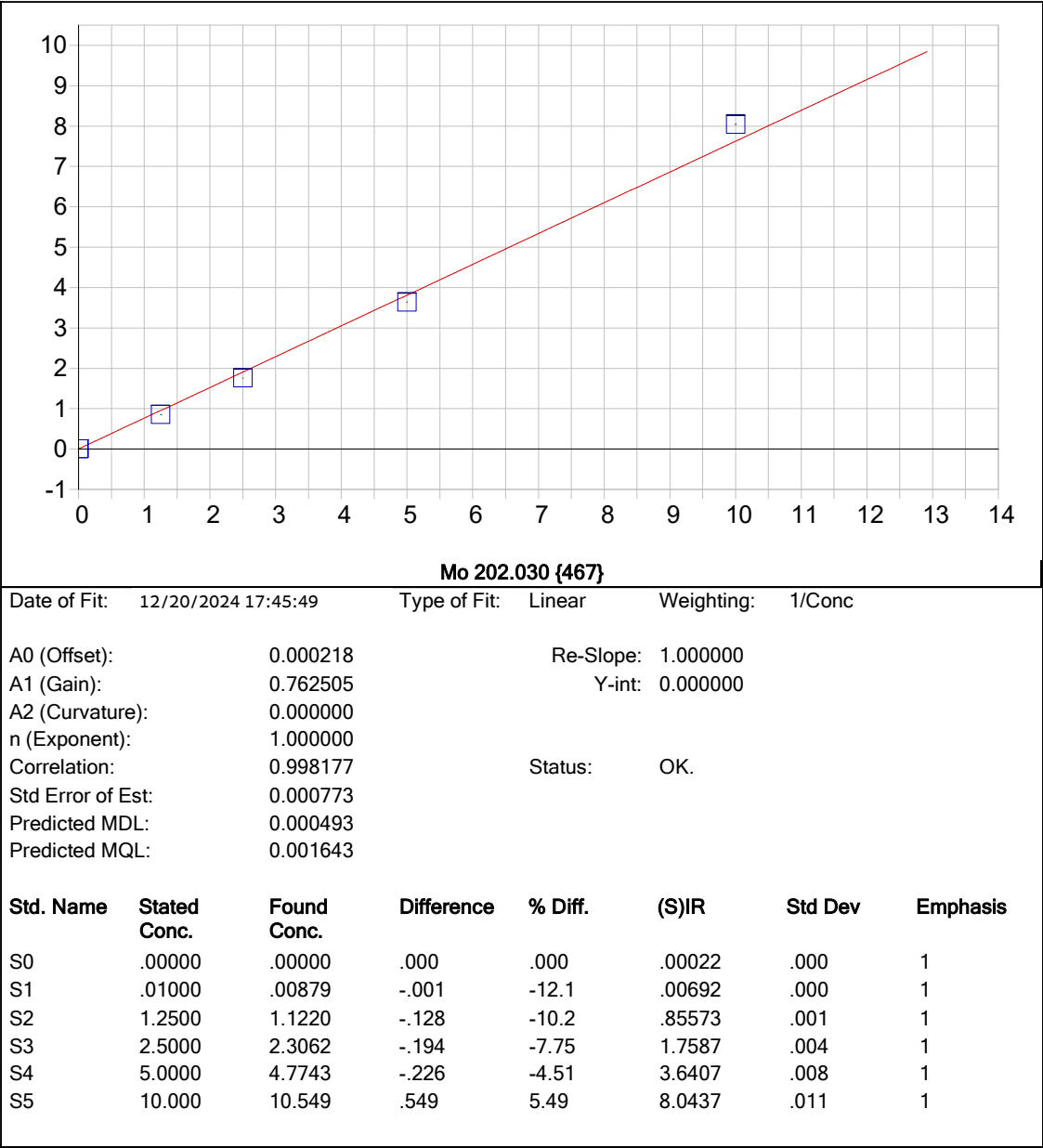


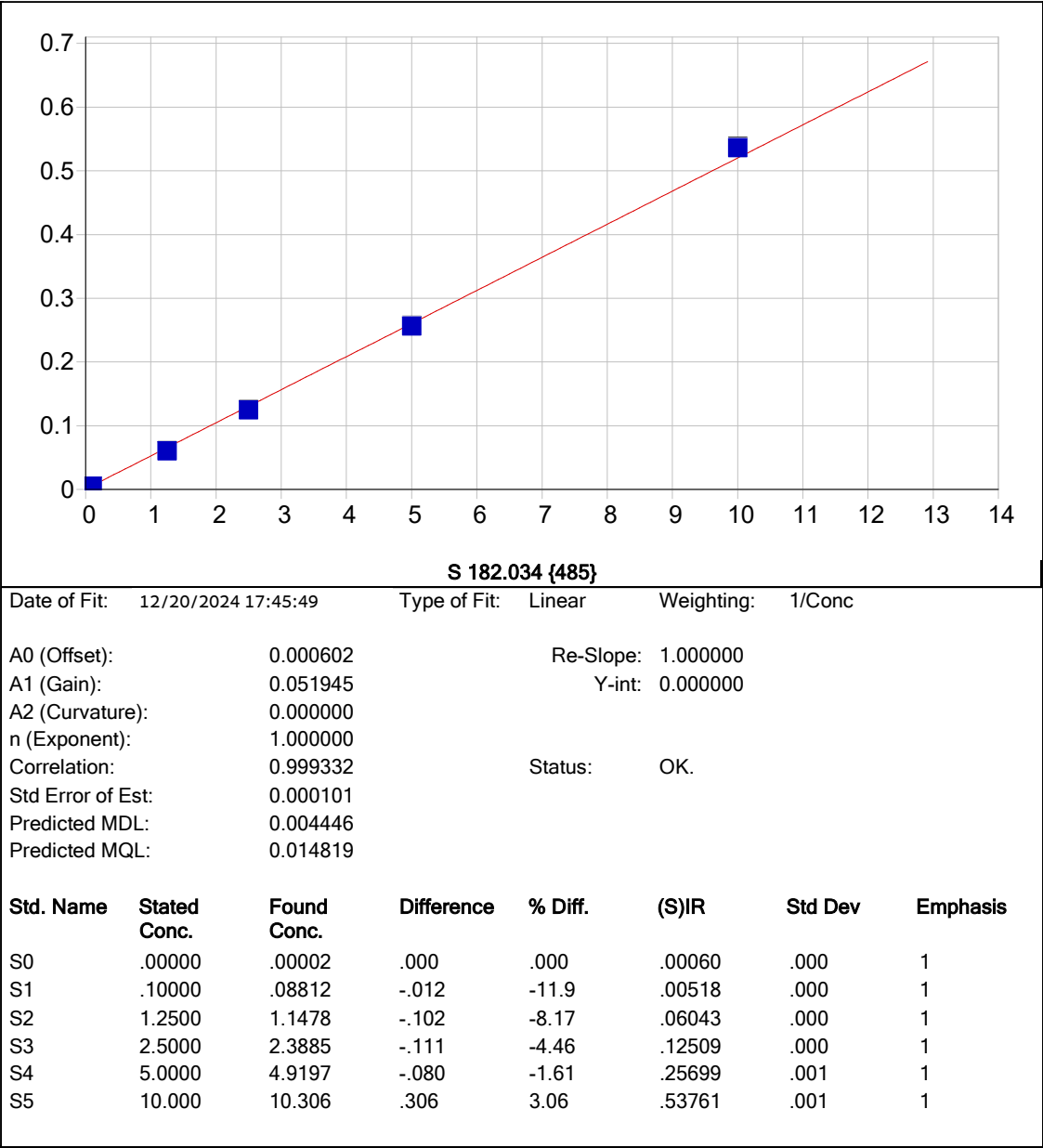




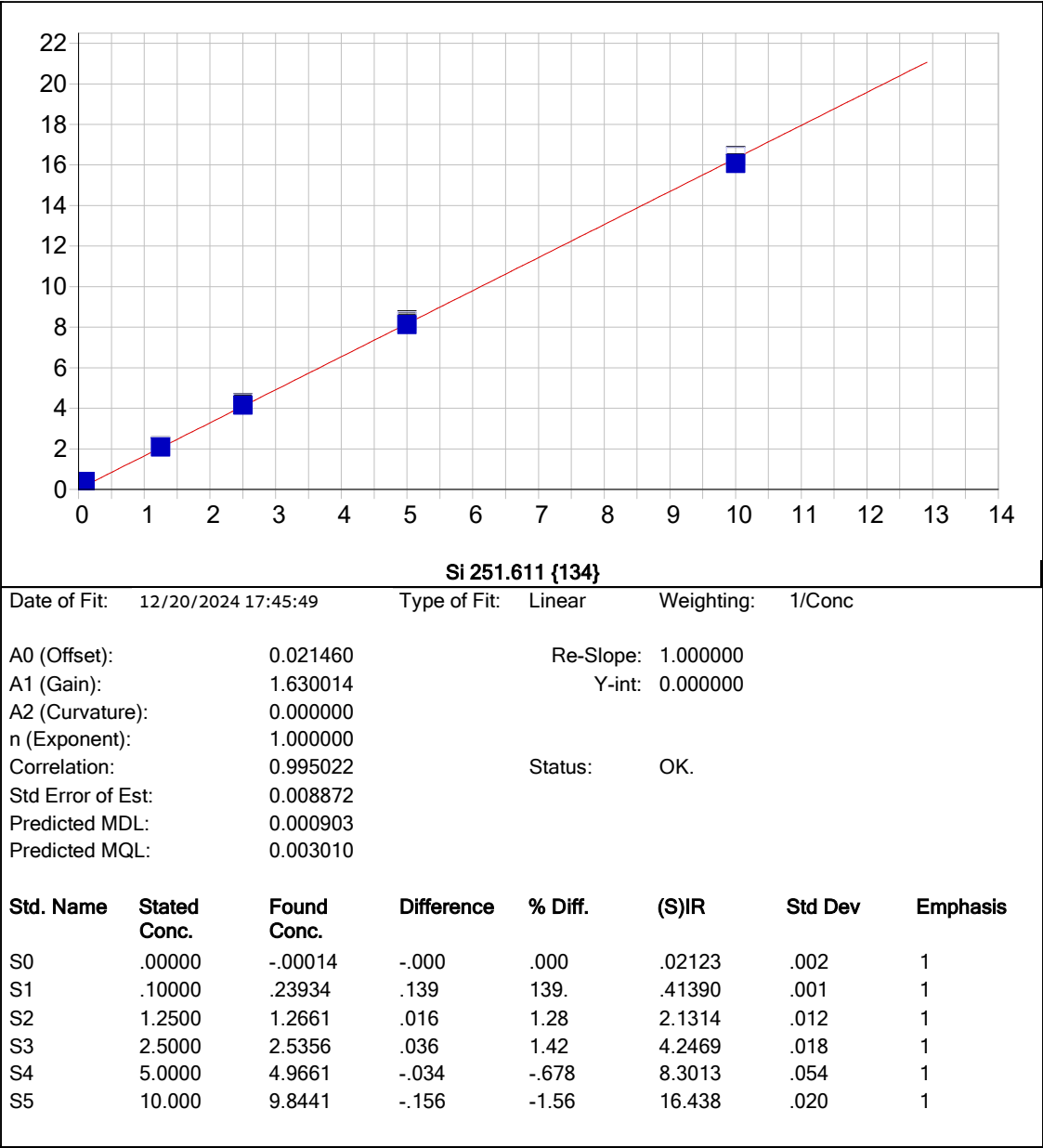


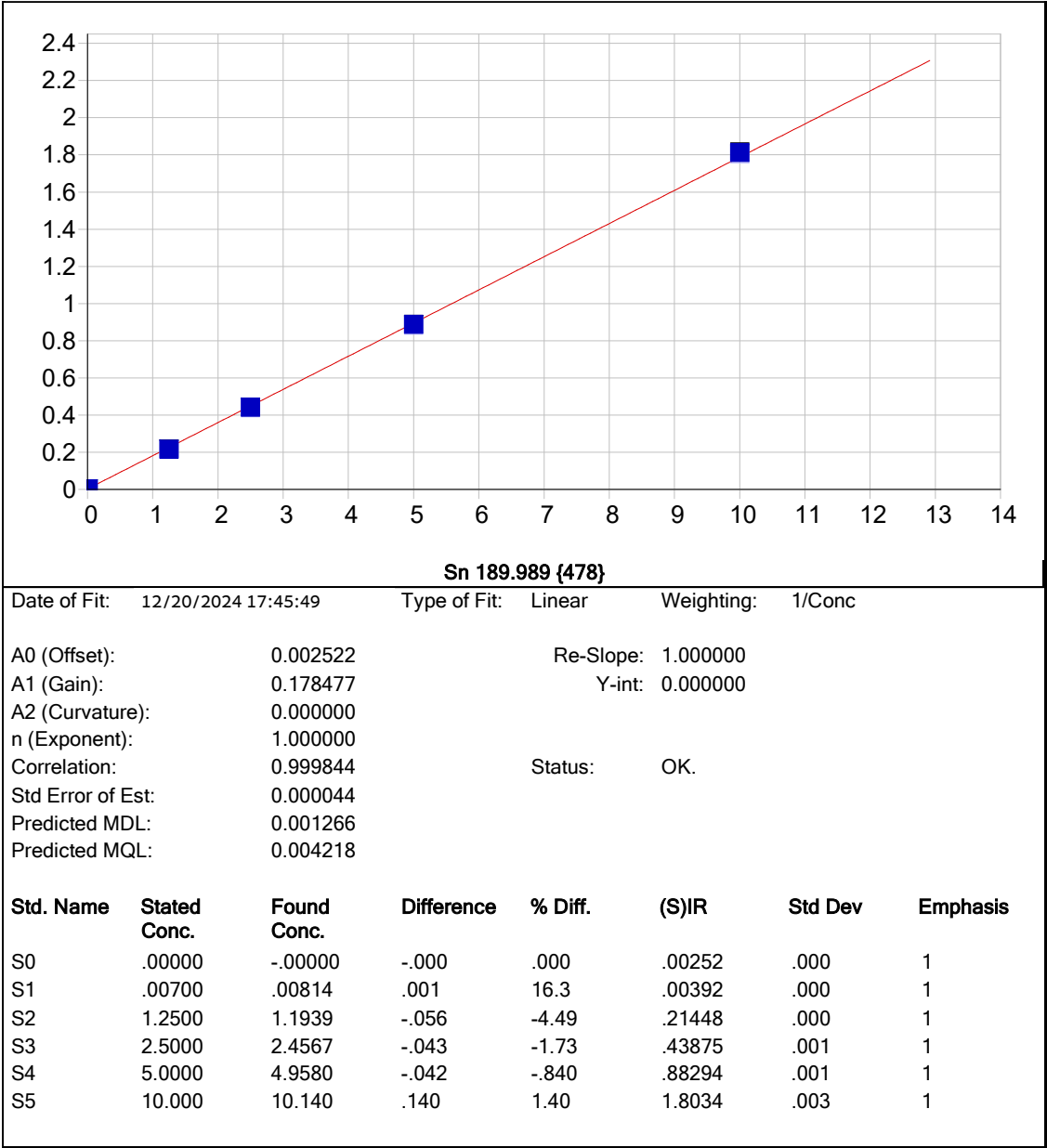


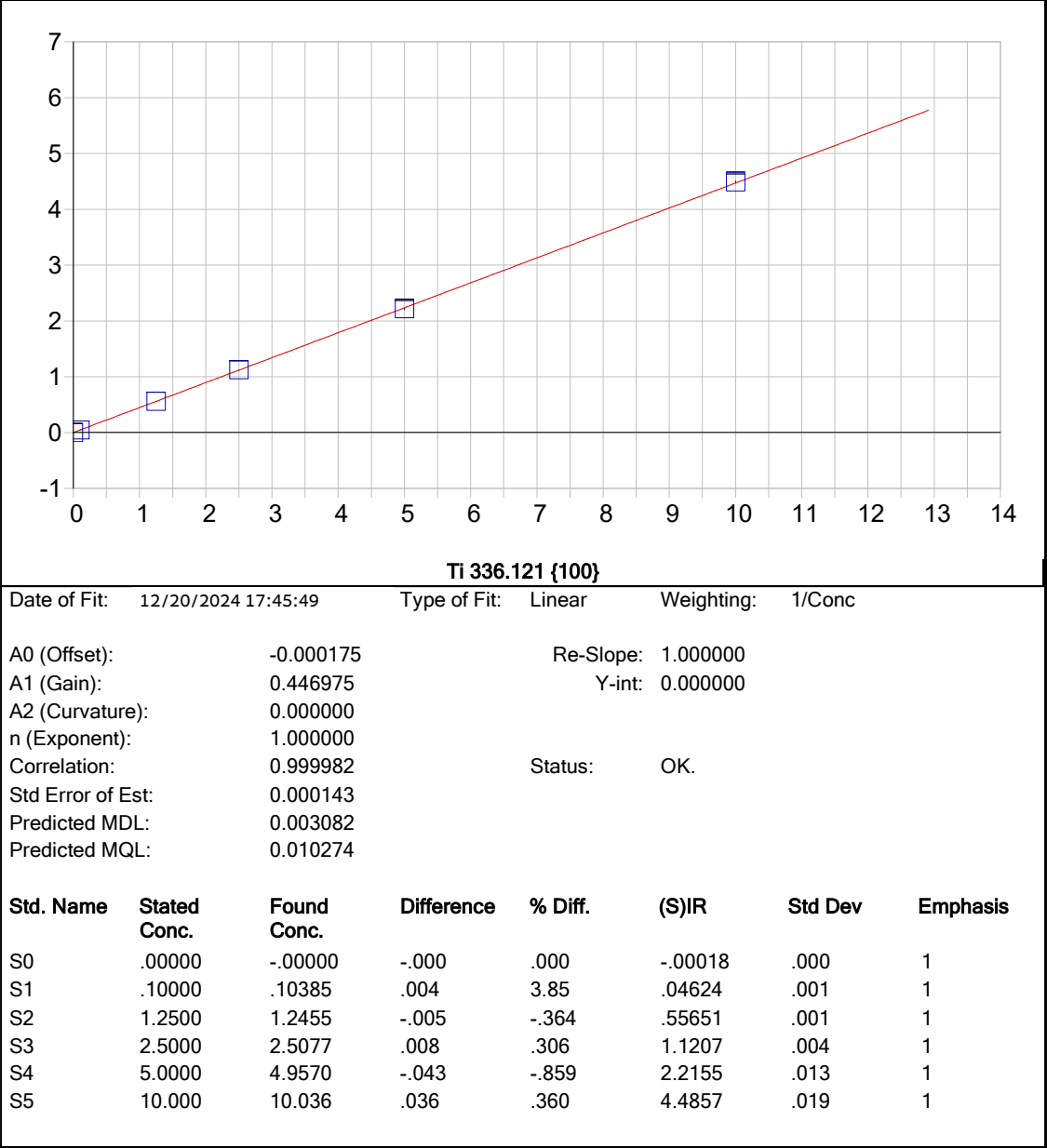


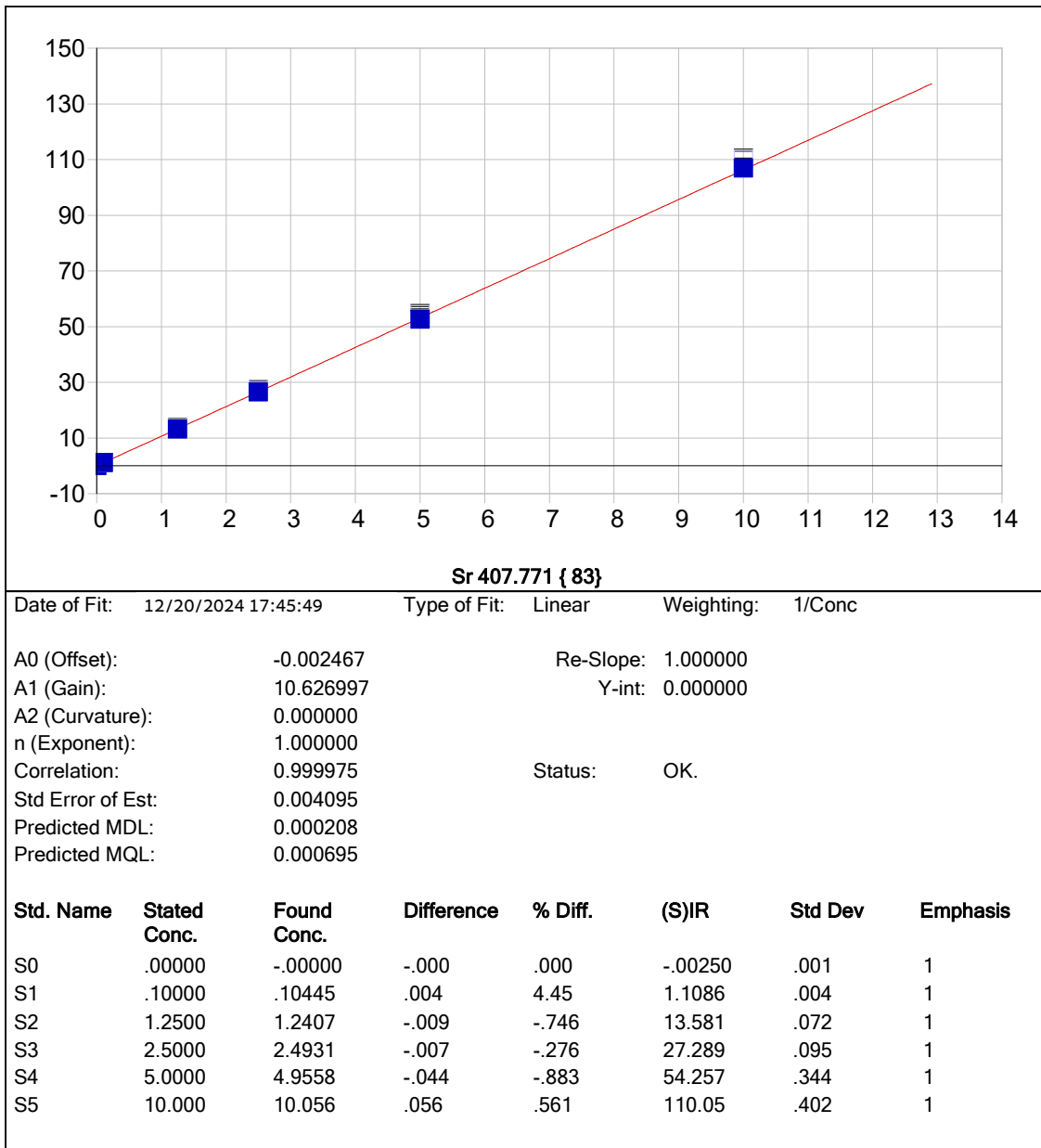














|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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



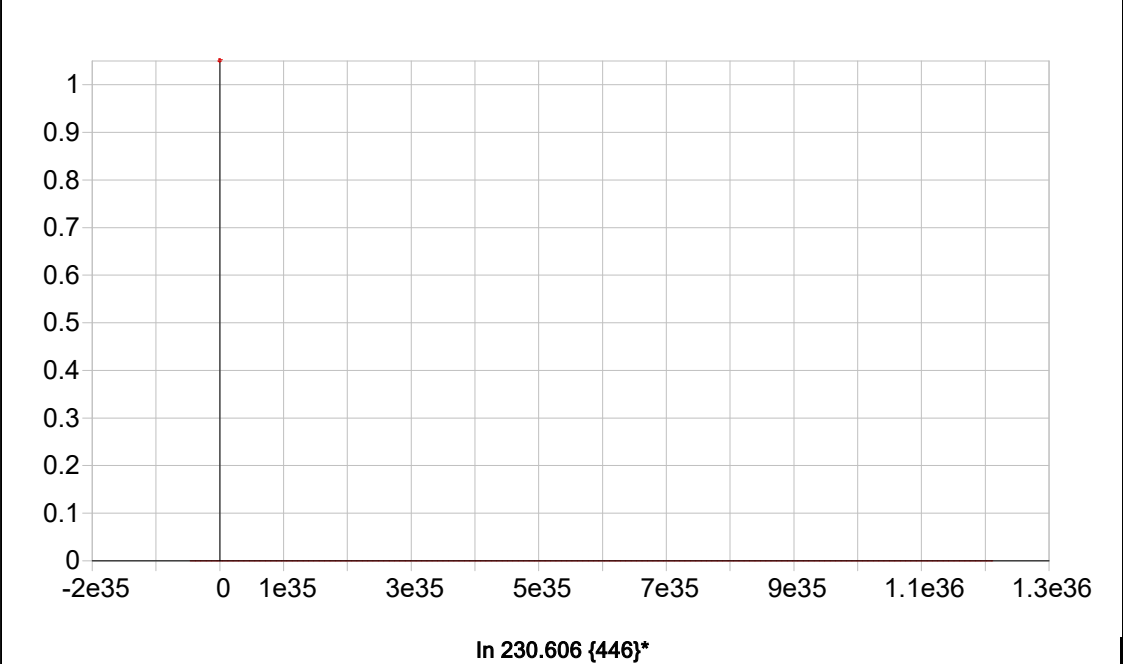
|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit: | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |  | Re-Slope:    | 1.000000 |   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





| 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       |              |           |            |           |

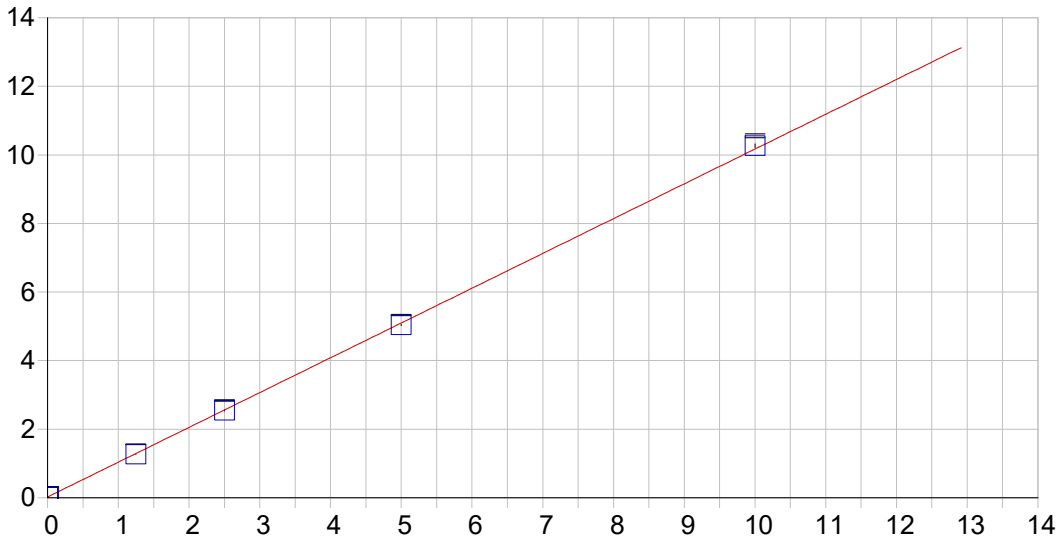
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| 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 |            |        |

|                   |          |         |         |           |
|-------------------|----------|---------|---------|-----------|
| A2 (Curvature):   | 0.000000 | Status: | Warning | Zero Gain |
| n (Exponent):     | 1.000000 |         |         |           |
| Correlation:      | 0.000000 |         |         |           |
| 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Li 670.784 { 50}

|                   |                     |              |          |            |        |
|-------------------|---------------------|--------------|----------|------------|--------|
| Date of Fit:      | 12/20/2024 17:45:49 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.023247            | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 1.014736            | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000            |              |          |            |        |
| n (Exponent):     | 1.000000            |              |          |            |        |
| Correlation:      | 0.999876            | Status:      | OK.      |            |        |
| Std Error of Est: | 0.000328            |              |          |            |        |
| Predicted MDL:    | 0.004135            |              |          |            |        |
| Predicted MQL:    | 0.013783            |              |          |            |        |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .02325 | .005    | 1        |
| S5        | 10.000       | 10.096      | .096       | .963    | 10.268 | .058    | 1        |
| S4        | 5.0000       | 4.9438      | -.056      | -1.12   | 5.0399 | .018    | 1        |
| S3        | 2.5000       | 2.4856      | -.014      | -.576   | 2.5455 | .020    | 1        |
| S2        | 1.2500       | 1.2306      | -.019      | -1.55   | 1.2720 | .008    | 1        |
| S1        | .01500       | .00864      | -.006      | -42.4   | .03201 | .002    | 1        |



Sample Name: S0      Acquired: 12/20/2024 17:18:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | -.13961 | -.00022 | .00016  | -.00021 | .00083  | -.00244 | .04287  | -.00019 |
| Stddev | .23435  | .00037  | .00016  | .00029  | .00043  | .00180  | .00446  | .00053  |
| %RSD   | 167.86  | 166.41  | 101.84  | 139.13  | 51.742  | 73.557  | 10.411  | 287.40  |
| #1     | -.35829 | -.00061 | .00003  | -.00031 | .00044  | -.00447 | .04801  | -.00001 |
| #2     | -.16831 | .00012  | .00010  | -.00042 | .00129  | -.00103 | .03991  | -.00079 |
| #3     | .10776  | -.00017 | .00034  | .00012  | .00075  | -.00183 | .04070  | .00024  |
| 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  | .00633  | .00029  | -.00055 | .00175  | .00022  | .00060  | -.00137 |
| Stddev | .00004  | .00317  | .00007  | .00020  | .00118  | .00022  | .00032  | .00034  |
| %RSD   | 19.178  | 50.008  | 24.224  | 35.944  | 67.250  | 98.826  | 53.065  | 24.561  |
| #1     | .00019  | .00311  | .00036  | -.00076 | .00277  | .00045  | .00073  | -.00099 |
| #2     | .00027  | .00646  | .00027  | -.00053 | .00046  | .00021  | .00024  | -.00163 |
| #3     | .00020  | .00944  | .00022  | -.00036 | .00201  | .00001  | .00083  | -.00150 |
| 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    | -.00078 | .00054  | .00289  | .00033  | -.00114 | .10002  | -.00254 | .00153  |
| Stddev | .00023  | .00014  | .00559  | .00096  | .00059  | .00350  | .00013  | .00096  |
| %RSD   | 28.866  | 26.459  | 193.53  | 289.96  | 51.637  | 3.5035  | 5.1039  | 62.802  |
| #1     | -.00063 | .00043  | .00821  | .00144  | -.00175 | .10406  | -.00245 | .00222  |
| #2     | -.00104 | .00050  | -.00293 | -.00020 | -.00109 | .09813  | -.00269 | .00043  |
| #3     | -.00068 | .00070  | .00338  | -.00025 | -.00058 | .09786  | -.00248 | .00195  |
| 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    | .00022  | .00060  | .02123  | .00252  | -.00018 | -.00250 | .02325  |         |
| Stddev | .00022  | .00011  | .00177  | .00026  | .00044  | .00123  | .00546  |         |
| %RSD   | 101.62  | 17.782  | 8.3137  | 10.340  | 248.99  | 49.196  | 23.494  |         |
| #1     | .00042  | .00048  | .02251  | .00231  | -.00068 | -.00190 | .02038  |         |
| #2     | .00026  | .00066  | .01922  | .00281  | .00014  | -.00169 | .02955  |         |
| #3     | -.00002 | .00067  | .02196  | .00245  | .00001  | -.00391 | .01982  |         |

Sample Name: S0      Acquired: 12/20/2024 17:18:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1829.7 | 22569. | 2287.6 | 1561.3 | 2139.9 |
| Stddev    | 1.0    | 60.    | 13.9   | 2.6    | 1.1    |
| %RSD      | .05704 | .26598 | .60611 | .16540 | .05112 |
| #1        | 1828.8 | 22550. | 2272.7 | 1558.5 | 2139.7 |
| #2        | 1830.8 | 22521. | 2289.9 | 1561.9 | 2138.9 |
| #3        | 1829.6 | 22637. | 2300.2 | 1563.5 | 2141.1 |

Sample Name: S1      Acquired: 12/20/2024 17:22:50      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.4180 | .00184 | .00212 | .00263 | .01001 | .02018 | .94095  | .04954 |
| Stddev | .0374  | .00035 | .00081 | .00036 | .00040 | .00276 | .00974  | .00067 |
| %RSD   | 2.6341 | 18.970 | 38.241 | 13.741 | 3.9742 | 13.692 | 1.0352  | 1.3567 |
| #1     | 1.3931 | .00150 | .00305 | .00269 | .00983 | .01900 | .93841  | .04893 |
| #2     | 1.3998 | .00182 | .00175 | .00296 | .01047 | .01820 | .95171  | .05026 |
| #3     | 1.4609 | .00219 | .00156 | .00224 | .00974 | .02334 | .93273  | .04944 |
| 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    | .02066 | .28057 | .00310 | .05791 | .00587 | .00235 | .00825  | .05079 |
| Stddev | .00060 | .00259 | .00005 | .00013 | .00117 | .00032 | .00037  | .00097 |
| %RSD   | 2.8936 | .92174 | 1.7427 | .23237 | 19.911 | 13.570 | 4.4688  | 1.9158 |
| #1     | .01998 | .27990 | .00316 | .05790 | .00615 | .00237 | .00809  | .04967 |
| #2     | .02096 | .28342 | .00308 | .05804 | .00459 | .00202 | .00799  | .05145 |
| #3     | .02106 | .27838 | .00306 | .05777 | .00688 | .00265 | .00867  | .05124 |
| 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    | .02599 | .00349 | .03275 | .00565 | .00135 | .21499 | -.00201 | .00239 |
| Stddev | .00005 | .00028 | .00289 | .00060 | .00031 | .00404 | .00021  | .00146 |
| %RSD   | .17702 | 8.1617 | 8.8133 | 10.695 | 22.721 | 1.8802 | 10.620  | 61.168 |
| #1     | .02604 | .00364 | .03585 | .00500 | .00129 | .21141 | -.00179 | .00276 |
| #2     | .02595 | .00316 | .03014 | .00620 | .00169 | .21937 | -.00202 | .00362 |
| #3     | .02597 | .00366 | .03227 | .00575 | .00109 | .21417 | -.00221 | .00078 |
| 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    | .00692 | .00518 | .41390 | .00392 | .04624 | 1.1086 | .03201  |        |
| Stddev | .00008 | .00008 | .00124 | .00014 | .00119 | .0042  | .00232  |        |
| %RSD   | 1.2223 | 1.5496 | .29950 | 3.5541 | 2.5822 | .37780 | 7.2406  |        |
| #1     | .00700 | .00525 | .41342 | .00394 | .04520 | 1.1051 | .02934  |        |
| #2     | .00692 | .00519 | .41296 | .00378 | .04598 | 1.1132 | .03342  |        |
| #3     | .00683 | .00509 | .41530 | .00405 | .04755 | 1.1074 | .03327  |        |

Sample Name: S1      Acquired: 12/20/2024 17:22:50      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1825.4 | 22472. | 2266.7 | 1551.0 | 2140.7 |
| Stddev    | 2.3    | 125.   | 10.3   | 7.7    | 3.2    |
| %RSD      | .12851 | .55583 | .45298 | .49536 | .14731 |
| #1        | 1823.3 | 22448. | 2274.5 | 1543.5 | 2140.2 |
| #2        | 1827.9 | 22360. | 2255.1 | 1550.7 | 2144.0 |
| #3        | 1824.9 | 22607. | 2270.6 | 1558.9 | 2137.8 |

Sample Name: S2      Acquired: 12/20/2024 17:26:55      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | 177.78 | .10553 | 1.6019 | .10969 | .21473 | 4.5303 | 11.027 | 1.2089 |
| Stddev | .44    | .00056 | .0037  | .00033 | .00038 | .0302  | .075   | .0087  |
| %RSD   | .24780 | .53413 | .23273 | .30535 | .17639 | .66769 | .68136 | .72328 |
| #1     | 178.22 | .10489 | 1.5985 | .10985 | .21490 | 4.5025 | 10.972 | 1.2017 |
| #2     | 177.34 | .10574 | 1.6013 | .10931 | .21430 | 4.5625 | 11.113 | 1.2186 |
| #3     | 177.78 | .10597 | 1.6059 | .10991 | .21499 | 4.5258 | 10.996 | 1.2064 |
| 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    | 2.5995 | 3.4234 | 1.1378 | .72437 | .67071 | .80762 | 1.8279 | .62675 |
| Stddev | .0065  | .0224  | .0110  | .00163 | .00864 | .00520 | .0146  | .00422 |
| %RSD   | .25066 | .65328 | .96908 | .22457 | 1.2885 | .64377 | .79733 | .67321 |
| #1     | 2.5943 | 3.4062 | 1.1426 | .72257 | .66154 | .80296 | 1.8149 | .62506 |
| #2     | 2.5974 | 3.4487 | 1.1456 | .72480 | .67870 | .81322 | 1.8436 | .63156 |
| #3     | 2.6068 | 3.4152 | 1.1252 | .72573 | .67190 | .80667 | 1.8251 | .62365 |
| 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    | .42579 | .09137 | .24083 | .06079 | .17913 | .96007 | .08943 | .79178 |
| Stddev | .00027 | .00106 | .00559 | .00100 | .00220 | .00577 | .00008 | .00477 |
| %RSD   | .06288 | 1.1567 | 2.3213 | 1.6382 | 1.2276 | .60129 | .09137 | .60230 |
| #1     | .42549 | .09156 | .23543 | .06032 | .18055 | .95416 | .08934 | .78664 |
| #2     | .42590 | .09232 | .24045 | .06193 | .18026 | .96570 | .08944 | .79605 |
| #3     | .42599 | .09023 | .24659 | .06011 | .17660 | .96034 | .08950 | .79266 |
| 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    | .85573 | .06043 | 2.1314 | .21448 | .55651 | 13.581 | 1.2720 |        |
| Stddev | .00146 | .00019 | .0116  | .00029 | .00095 | .072   | .0085  |        |
| %RSD   | .17117 | .31035 | .54451 | .13664 | .17000 | .53162 | .66576 |        |
| #1     | .85613 | .06026 | 2.1217 | .21447 | .55610 | 13.534 | 1.2659 |        |
| #2     | .85410 | .06041 | 2.1442 | .21419 | .55759 | 13.664 | 1.2817 |        |
| #3     | .85694 | .06063 | 2.1283 | .21478 | .55584 | 13.544 | 1.2686 |        |

Sample Name: S2      Acquired: 12/20/2024 17:26:55      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1758.8 | 22142. | 2294.7 | 1501.9 | 1995.2 |
| Stddev    | 2.8    | 273.   | 14.9   | 16.7   | .8     |
| %RSD      | .16050 | 1.2343 | .64751 | 1.1103 | .03769 |
| #1        | 1755.6 | 21988. | 2299.2 | 1492.4 | 1996.1 |
| #2        | 1759.6 | 21981. | 2278.1 | 1492.2 | 1994.9 |
| #3        | 1761.0 | 22458. | 2306.8 | 1521.2 | 1994.7 |

Sample Name: S3      Acquired: 12/20/2024 17:30:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | 358.16 | .21343 | 3.2648 | .22510 | .44042 | 9.1394 | 22.152 | 2.4283 |
| Stddev | 1.53   | .00078 | .0043  | .00033 | .00151 | .0440  | .118   | .0126  |
| %RSD   | .42796 | .36721 | .13057 | .14479 | .34348 | .48188 | .53438 | .51793 |
| #1     | 357.60 | .21317 | 3.2667 | .22546 | .43989 | 9.0894 | 22.019 | 2.4241 |
| #2     | 356.99 | .21431 | 3.2599 | .22502 | .43925 | 9.1724 | 22.245 | 2.4424 |
| #3     | 359.90 | .21281 | 3.2677 | .22483 | .44213 | 9.1565 | 22.192 | 2.4183 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.2915 | 6.9008 | 2.3030 | 1.4612 | 1.3588 | 1.6103 | 3.6534 | 1.2517 |
| Stddev | .0101  | .0176  | .0054  | .0026  | .0042  | .0025  | .0219  | .0080  |
| %RSD   | .19110 | .25520 | .23618 | .17473 | .30513 | .15666 | .59909 | .63844 |
| #1     | 5.2920 | 6.8806 | 2.3092 | 1.4614 | 1.3544 | 1.6074 | 3.6292 | 1.2444 |
| #2     | 5.2811 | 6.9093 | 2.3001 | 1.4586 | 1.3593 | 1.6121 | 3.6717 | 1.2603 |
| #3     | 5.3014 | 6.9125 | 2.2996 | 1.4637 | 1.3627 | 1.6114 | 3.6592 | 1.2505 |
| 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    | .87295 | .18732 | .48243 | .12210 | .37692 | 1.8566 | .18917 | 1.6118 |
| Stddev | .00100 | .00048 | .00276 | .00197 | .00286 | .0049  | .00085 | .0059  |
| %RSD   | .11450 | .25730 | .57125 | 1.6111 | .75764 | .26515 | .45023 | .36654 |
| #1     | .87383 | .18782 | .48373 | .12064 | .37395 | 1.8510 | .18827 | 1.6131 |
| #2     | .87187 | .18730 | .48430 | .12434 | .37719 | 1.8599 | .18929 | 1.6169 |
| #3     | .87316 | .18685 | .47927 | .12133 | .37964 | 1.8591 | .18996 | 1.6053 |
| 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    | 1.7587 | .12509 | 4.2469 | .43875 | 1.1207 | 27.289 | 2.5455 |        |
| Stddev | .0043  | .00009 | .0181  | .00083 | .0043  | .095   | .0203  |        |
| %RSD   | .24230 | .07293 | .42726 | .19011 | .38632 | .34698 | .79894 |        |
| #1     | 1.7601 | .12499 | 4.2473 | .43844 | 1.1166 | 27.195 | 2.5224 |        |
| #2     | 1.7539 | .12517 | 4.2649 | .43812 | 1.1252 | 27.384 | 2.5609 |        |
| #3     | 1.7621 | .12512 | 4.2286 | .43970 | 1.1202 | 27.288 | 2.5531 |        |

Sample Name: S3      Acquired: 12/20/2024 17:30:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1698.7 | 21676. | 2288.2 | 1443.2 | 1922.5 |
| Stddev    | 1.4    | 28.    | 15.9   | 3.7    | 2.9    |
| %RSD      | .07956 | .13111 | .69604 | .25540 | .14881 |
| #1        | 1698.0 | 21662. | 2292.5 | 1447.3 | 1921.6 |
| #2        | 1697.9 | 21657. | 2270.6 | 1441.9 | 1920.2 |
| #3        | 1700.3 | 21708. | 2301.5 | 1440.3 | 1925.7 |



Sample Name: S4      Acquired: 12/20/2024 17:34:34      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | 700.51 | .42195 | 6.5963 | .45960 | .91768 | 18.222 | 44.073 | 4.7947 |
| Stddev | 1.39   | .00014 | .0096  | .00084 | .00235 | .085   | .221   | .0120  |
| %RSD   | .19886 | .03422 | .14555 | .18268 | .25564 | .46908 | .50115 | .24955 |
| #1     | 699.90 | .42185 | 6.5969 | .45922 | .91814 | 18.313 | 44.328 | 4.7837 |
| #2     | 699.52 | .42212 | 6.5864 | .45903 | .91514 | 18.143 | 43.929 | 4.7928 |
| #3     | 702.10 | .42189 | 6.6055 | .46057 | .91977 | 18.212 | 43.963 | 4.8074 |
| 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    | 10.575 | 13.606 | 4.5581 | 2.8953 | 2.6896 | 3.1807 | 7.1662 | 2.4861 |
| Stddev | .017   | .066   | .0154  | .0071  | .0115  | .0171  | .0355  | .0114  |
| %RSD   | .16051 | .48168 | .33862 | .24493 | .42709 | .53899 | .49536 | .45792 |
| #1     | 10.586 | 13.669 | 4.5430 | 2.8986 | 2.7005 | 3.1992 | 7.2025 | 2.4960 |
| #2     | 10.555 | 13.538 | 4.5575 | 2.8871 | 2.6776 | 3.1653 | 7.1315 | 2.4737 |
| #3     | 10.583 | 13.612 | 4.5739 | 2.9001 | 2.6909 | 3.1776 | 7.1645 | 2.4887 |
| 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    | 1.7457 | .37665 | .96451 | .24489 | .79229 | 3.6344 | .38980 | 3.1755 |
| Stddev | .0038  | .00062 | .00963 | .00206 | .00805 | .0170  | .00052 | .0143  |
| %RSD   | .21533 | .16586 | .99825 | .84202 | 1.0158 | .46819 | .13402 | .44903 |
| #1     | 1.7482 | .37662 | .97462 | .24614 | .79961 | 3.6518 | .39006 | 3.1595 |
| #2     | 1.7414 | .37604 | .95544 | .24251 | .78367 | 3.6178 | .38920 | 3.1802 |
| #3     | 1.7475 | .37729 | .96347 | .24601 | .79358 | 3.6335 | .39014 | 3.1868 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 3.6407 | .25699 | 8.3013 | .88294 | 2.2155 | 54.257 | 5.0399 |        |
| Stddev | .0081  | .00053 | .0541  | .00089 | .0129  | .344   | .0178  |        |
| %RSD   | .22257 | .20718 | .65107 | .10105 | .58255 | .63428 | .35264 |        |
| #1     | 3.6444 | .25759 | 8.2471 | .88352 | 2.2303 | 54.639 | 5.0535 |        |
| #2     | 3.6314 | .25657 | 8.3015 | .88191 | 2.2066 | 53.970 | 5.0198 |        |
| #3     | 3.6462 | .25682 | 8.3552 | .88338 | 2.2096 | 54.163 | 5.0465 |        |

Sample Name: S4      Acquired: 12/20/2024 17:34:34      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1592.0 | 21186. | 2274.3 | 1345.1 | 1838.1 |
| Stddev    | 1.2    | 58.    | 1.5    | 2.1    | 2.8    |
| %RSD      | .07498 | .27246 | .06494 | .15756 | .15072 |
| #1        | 1591.0 | 21120. | 2273.0 | 1342.7 | 1834.9 |
| #2        | 1593.3 | 21228. | 2275.9 | 1346.8 | 1839.9 |
| #3        | 1591.8 | 21210. | 2274.2 | 1345.8 | 1839.5 |

Sample Name: S5      Acquired: 12/20/2024 17:38:17      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | 1368.0 | .84147 | 13.501 | .99278 | 2.0396 | 37.359 | 89.947 | 9.5666 |
| Stddev | 6.9    | .00315 | .019   | .00022 | .0052  | .188   | .466   | .0118  |
| %RSD   | .50727 | .37433 | .14115 | .02179 | .25285 | .50269 | .51779 | .12380 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1363.2 | .84499 | 13.520 | .99300 | 2.0422 | 37.433 | 90.084 | 9.5732 |
| #2 | 1364.8 | .83891 | 13.482 | .99257 | 2.0336 | 37.145 | 89.428 | 9.5529 |
| #3 | 1375.9 | .84052 | 13.502 | .99276 | 2.0429 | 37.498 | 90.329 | 9.5737 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 21.334 | 27.268 | 9.0795 | 5.8592 | 5.4231 | 6.3463 | 14.298 | 4.9945 |
| Stddev | .030   | .171   | .0158  | .0065  | .0315  | .0377  | .068   | .0218  |
| %RSD   | .13832 | .62598 | .17428 | .11131 | .58168 | .59466 | .47812 | .43720 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 21.366 | 27.385 | 9.0618 | 5.8611 | 5.4446 | 6.3539 | 14.306 | 4.9903 |
| #2 | 21.307 | 27.072 | 9.0924 | 5.8519 | 5.3869 | 6.3053 | 14.225 | 4.9751 |
| #3 | 21.329 | 27.347 | 9.0841 | 5.8645 | 5.4378 | 6.3796 | 14.361 | 5.0182 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.5453 | .77341 | 1.9739 | .49320 | 1.8028 | 7.4070 | .81120 | 6.1971 |
| Stddev | .0053  | .00021 | .0108  | .00360 | .0095  | .0366  | .00114 | .0136  |
| %RSD   | .15017 | .02684 | .54701 | .72925 | .52424 | .49431 | .14011 | .21904 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.5502 | .77321 | 1.9666 | .49349 | 1.8035 | 7.4240 | .81233 | 6.2046 |
| #2 | 3.5396 | .77362 | 1.9689 | .48947 | 1.7930 | 7.3650 | .81006 | 6.2053 |
| #3 | 3.5460 | .77340 | 1.9863 | .49664 | 1.8119 | 7.4320 | .81119 | 6.1814 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 8.0437 | .53761 | 16.438 | 1.8034 | 4.4857 | 110.05 | 10.268 |
| Stddev | .0113  | .00063 | .020   | .0029  | .0188  | .40    | .058   |
| %RSD   | .14015 | .11655 | .12359 | .16383 | .41997 | .36562 | .56150 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.0562 | .53783 | 16.449 | 1.8032 | 4.4813 | 110.51 | 10.302 |
| #2 | 8.0344 | .53691 | 16.450 | 1.8005 | 4.4694 | 109.85 | 10.202 |
| #3 | 8.0404 | .53810 | 16.414 | 1.8064 | 4.5063 | 109.79 | 10.302 |

Sample Name: S5      Acquired: 12/20/2024 17:38:17      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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       | 1394.4 | 20375. | 2245.0 | 1163.1 | 1721.3 |
| Stddev    | 5.0    | 90.    | 8.6    | 3.9    | 6.6    |
| %RSD      | .35973 | .44073 | .38468 | .33283 | .38243 |
| #1        | 1389.9 | 20433. | 2246.9 | 1162.9 | 1714.9 |
| #2        | 1393.5 | 20420. | 2252.6 | 1167.1 | 1720.9 |
| #3        | 1399.8 | 20271. | 2235.6 | 1159.3 | 1728.1 |

Sample Name: S6      Acquired: 12/20/2024 17:42:11      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      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    | 96.919 | 43.543 | 16.574 | 7.9745 | 5.3423 |
| Stddev | .193   | .068   | .026   | .0188  | .0202  |
| %RSD   | .19912 | .15653 | .15859 | .23630 | .37881 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 96.907 | 43.561 | 16.570 | 7.9848 | 5.3547 |
| #2 | 96.733 | 43.468 | 16.549 | 7.9528 | 5.3189 |
| #3 | 97.118 | 43.601 | 16.602 | 7.9860 | 5.3532 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 2196.5 |
| Stddev    | 9.7    |
| %RSD      | .44269 |

|    |        |
|----|--------|
| #1 | 2185.6 |
| #2 | 2204.4 |
| #3 | 2199.5 |

Sample Name: ICV009      Acquired: 12/20/2024 18:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 1.095878 | 1.020101 | .9759660 | .9467524 | 1.015107   | 2.405723   |
| Stddev | .004875  | .003717  | .0055564 | .0047870 | .001218    | .025879    |
| %RSD   | .4448140 | .3644052 | .5693187 | .5056261 | .1200138   | 1.075722   |
| #1     | 1.100878 | 1.017545 | .9734401 | .9440655 | 1.016514   | 2.378512   |
| #2     | 1.091139 | 1.018394 | .9721213 | .9439124 | 1.014391   | 2.408633   |
| #3     | 1.095617 | 1.024366 | .9823366 | .9522793 | 1.014417   | 2.430023   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5244617 | .5256698 | .5043901 | 10.37361 | .5547014   | .5039497   |
| Stddev | .0022893 | .0037227 | .0016573 | .04046   | .0001990   | .0020100   |
| %RSD   | .4365107 | .7081920 | .3285700 | .3899806 | .0358781   | .3988538   |
| #1     | .5227484 | .5262603 | .5039540 | 10.38583 | .5549290   | .5028747   |
| #2     | .5235750 | .5216871 | .5029945 | 10.32846 | .5546151   | .5027057   |
| #3     | .5270618 | .5290620 | .5062218 | 10.40655 | .5545601   | .5062686   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5100395 | 10.54768 | .5338618 | 6.328964 | .5133974   | .2430099   |
| Stddev | .0017230 | .02214   | .0033795 | .117339  | .0022051   | .0003120   |
| %RSD   | .3378246 | .2098685 | .6330218 | 1.853999 | .4295209   | .1283892   |
| #1     | .5116607 | 10.52908 | .5328742 | 6.398205 | .5134495   | .2428525   |
| #2     | .5102278 | 10.54180 | .5310861 | 6.395204 | .5111666   | .2428080   |
| #3     | .5082301 | 10.57217 | .5376250 | 6.193484 | .5155760   | .2433693   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.078670 | .5131804 | .9400343 | 9.218355 | F -.000859 | F .0016484 |
| Stddev | .373600  | .0099150 | .0139820 | .321245  | .001771    | .0012488   |
| %RSD   | 4.115141 | 1.932075 | 1.487396 | 3.484837 | 206.2562   | 75.75633   |
| #1     | 9.015584 | .5021313 | .9245423 | 9.371009 | -.000885   | .0027755   |
| #2     | 8.740629 | .5213021 | .9517167 | 8.849247 | .000926    | .0018637   |
| #3     | 9.479796 | .5161079 | .9438440 | 9.434809 | -.002617   | .0003060   |

Sample Name: ICV009      Acquired: 12/20/2024 18:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV009      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0002412 | F .0032379 | F -.000811 | F .0000915 | F -.000032 | F -.009343 |
| Stddev | .0003605   | .0047529   | .000966    | .0008949   | .001786    | .000155    |
| %RSD   | 149.4463   | 146.7922   | 119.1181   | 978.4445   | 5551.220   | 1.659620   |
| #1     | .0003687   | .0010651   | .000299    | -.000890   | -.001009   | -.009389   |
| #2     | -.000166   | -.000040   | -.001271   | .000302    | -.001116   | -.009170   |
| #3     | .000521    | .008689    | -.001460   | .000862    | .002029    | -.009469   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F -.000613 |
| Stddev | .001684    |
| %RSD   | 274.8356   |
| #1     | -.002146   |
| #2     | .001190    |
| #3     | -.000882   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1829.987 | 22487.96 | 2320.080 | 1553.860 | 2133.754 |
| Stddev    | .995     | 114.27   | 14.207   | 9.415    | 4.885    |
| %RSD      | .0543783 | .5081278 | .6123593 | .6059317 | .2289610 |
| #1        | 1829.983 | 22394.93 | 2306.081 | 1549.970 | 2133.895 |
| #2        | 1830.985 | 22453.45 | 2334.486 | 1547.012 | 2138.568 |
| #3        | 1828.994 | 22615.51 | 2319.673 | 1564.597 | 2128.800 |

Sample Name: ICB009      Acquired: 12/20/2024 18:47:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024891 | -.000271 | -.001191 | -.000286 | -.000186 | -.016879 | -.001087 |
| Stddev | .0019829 | .003144  | .000665  | .000539  | .001787  | .024212  | .001125  |
| %RSD   | 79.66106 | 1158.857 | 55.84614 | 188.7763 | 959.1672 | 143.4482 | 103.5148 |
| #1     | .0026850 | -.000174 | -.001263 | -.000793 | -.000669 | -.001858 | -.001482 |
| #2     | .0043668 | -.003463 | -.000493 | -.000343 | .001792  | -.003968 | .000182  |
| #3     | .0004156 | .002823  | -.001817 | .000280  | -.001683 | -.044810 | -.001961 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001520 | .0001707 | .0104752 | -.000505 | -.000081 | -.004613 | -.010125 |
| Stddev | .0001234 | .0000206 | .0378204 | .000601  | .000410  | .004816  | .007621  |
| %RSD   | 81.16942 | 12.04123 | 361.0484 | 119.0923 | 507.6642 | 104.4013 | 75.26976 |
| #1     | .0002133 | .0001767 | -.024869 | -.000962 | .000299  | -.010102 | -.014271 |
| #2     | .0000100 | .0001478 | .050361  | -.000728 | -.000516 | -.002634 | -.001330 |
| #3     | .0002327 | .0001876 | .005933  | .000176  | -.000025 | -.001101 | -.014774 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000779 | .0426357 | .0000121 | .0003640 | -.167003 | -.011085 | -.000400 |
| Stddev | .000504  | .1141329 | .0002092 | .0000947 | .883191  | .003648  | .015502  |
| %RSD   | 64.66564 | 267.6932 | 1731.678 | 26.00935 | 528.8462 | 32.90782 | 3871.015 |
| #1     | -.000990 | -.066863 | .0002530 | .0004261 | -.097081 | -.010418 | .015512  |
| #2     | -.000204 | .033872  | -.000123 | .0004110 | .679148  | -.007816 | -.001257 |
| #3     | -.001142 | .160898  | -.000094 | .0002551 | -1.08308 | -.015020 | -.015457 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.330496 | -.002878 | -.002182 | -.000115 | -.006179 | -.002199 | -.005951 |
| Stddev | .122090  | .001637  | .000844  | .000072  | .004588  | .001383  | .000653  |
| %RSD   | 36.94152 | 56.86676 | 38.68280 | 63.00005 | 74.25742 | 62.86546 | 10.97234 |
| #1     | -.368184 | -.001391 | -.001284 | -.000097 | -.001364 | -.001474 | -.005438 |
| #2     | -.429298 | -.002612 | -.002303 | -.000194 | -.006672 | -.001331 | -.006686 |
| #3     | -.194005 | -.004632 | -.002958 | -.000053 | -.010501 | -.003794 | -.005729 |



Sample Name: ICB009      Acquired: 12/20/2024 18:47:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0025407 | -.000057 | -.000381 |
| Stddev | .0018674 | .000149  | .003983  |
| %RSD   | 73.50073 | 260.9339 | 1045.952 |
| #1     | .0004061 | -.000042 | -.002167 |
| #2     | .0033438 | .000084  | .004183  |
| #3     | .0038722 | -.000213 | -.003158 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1847.829 | 22747.49 | 2316.166 | 1573.044 | 2162.423 |
| Stddev    | 2.573    | 102.14   | 12.262   | 1.571    | 5.196    |
| %RSD      | .1392519 | .4490192 | .5294268 | .0998431 | .2403003 |
| #1        | 1850.800 | 22705.29 | 2319.640 | 1574.605 | 2168.409 |
| #2        | 1846.391 | 22863.97 | 2302.541 | 1573.062 | 2159.064 |
| #3        | 1846.297 | 22673.21 | 2326.316 | 1571.464 | 2159.798 |

Sample Name: ICSA009      Acquired: 12/20/2024 18:51:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0083435 | -.015072 | -.000198 | .0254589 | .0039875 | 237.4675   |
| Stddev | .0038220 | .004722  | .004219  | .0056786 | .0030531 | 1.0293     |
| %RSD   | 45.80774 | 31.33126 | 2135.501 | 22.30485 | 76.56671 | .4334466   |
| #1     | .0127510 | -.017496 | -.004240 | .0319856 | .0028814 | 236.3113   |
| #2     | .0059460 | -.018090 | -.000531 | .0216498 | .0016416 | 237.8072   |
| #3     | .0063335 | -.009630 | .004178  | .0227413 | .0074395 | 238.2841   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0054289 | .0023987 | .0007455 | 245.3578 | .0503061 | .0342003   |
| Stddev | .0005274 | .0001144 | .0001224 | .8711    | .0007286 | .0002352   |
| %RSD   | 9.714990 | 4.769637 | 16.41323 | .3550466 | 1.448424 | .6876973   |
| #1     | .0057770 | .0025142 | .0008121 | 244.5060 | .0495400 | .0344191   |
| #2     | .0048221 | .0023965 | .0006043 | 245.3206 | .0503878 | .0339516   |
| #3     | .0056876 | .0022854 | .0008201 | 246.2470 | .0509904 | .0342300   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.013234 | 100.9271 | .0090810 | 256.5480 | .0035584 | .0055300   |
| Stddev | .004637  | .1797    | .0005398 | 1.2217   | .0006846 | .0015117   |
| %RSD   | 35.03891 | .1780872 | 5.944036 | .4762095 | 19.23869 | 27.33565   |
| #1     | -.016993 | 100.7213 | .0089557 | 255.1655 | .0040386 | .0042966   |
| #2     | -.014657 | 101.0536 | .0086149 | 256.9963 | .0038620 | .0050771   |
| #3     | -.008052 | 101.0062 | .0096724 | 257.4822 | .0027745 | .0072164   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -1.03503 | .0083949 | -.020978 | -.758622 | -.006772 | F .0185641 |
| Stddev | .10290   | .0114413 | .013606  | .161072  | .003502  | .0014610   |
| %RSD   | 9.941636 | 136.2889 | 64.85723 | 21.23225 | 51.71014 | 7.870007   |
| #1     | -.96009  | .0142984 | -.030192 | -.724631 | -.002869 | .0171056   |
| #2     | -.99266  | -.004792 | -.027392 | -.617257 | -.007810 | .0200276   |
| #3     | -1.15235 | .015679  | -.005351 | -.933977 | -.009638 | .0185592   |

Sample Name: ICSA009      Acquired: 12/20/2024 18:51:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014427 | .0135100 | -.003623 | .0004282 | .0016293 | .0032390 |
| Stddev | .0004463 | .0026512 | .000759  | .0014551 | .0014593 | .0000974 |
| %RSD   | 30.93511 | 19.62427 | 20.94010 | 339.7939 | 89.56339 | 3.008236 |
| #1     | .0009653 | .0164559 | -.003032 | .0008133 | .0024162 | .0032359 |
| #2     | .0018495 | .0113156 | -.004479 | -.001181 | -.000055 | .0031431 |
| #3     | .0015131 | .0127586 | -.003359 | .001652  | .002526  | .0033379 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.002410 |
| Stddev | .002479  |
| %RSD   | 102.8641 |
| #1     | -.004057 |
| #2     | -.003612 |
| #3     | .000441  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1742.570 | 21259.70 | 2275.695 | 1484.330 | 1904.662 |
| Stddev    | 2.429    | 136.54   | 1.024    | 8.165    | 5.442    |
| %RSD      | .1394069 | .6422269 | .0449789 | .5500624 | .2857087 |
| #1        | 1744.674 | 21411.99 | 2276.848 | 1493.741 | 1910.807 |
| #2        | 1739.911 | 21148.23 | 2274.894 | 1480.112 | 1900.452 |
| #3        | 1743.124 | 21218.89 | 2275.344 | 1479.138 | 1902.728 |

Sample Name: ICSAB009      Acquired: 12/20/2024 19:01:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1118575 | .0961657 | .0506467 | .0716440 | .5560824 | 243.3925 |
| Stddev | .0040234 | .0028159 | .0019234 | .0023818 | .0027692 | 1.0598   |
| %RSD   | 3.596925 | 2.928222 | 3.797709 | 3.324540 | .4979784 | .4354357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1072183 | .0986114 | .0500369 | .0739561 | .5530477 | 243.3421 |
| #2 | .1143921 | .0930872 | .0528011 | .0717778 | .5584723 | 244.4766 |
| #3 | .1139621 | .0967985 | .0491021 | .0691980 | .5567273 | 242.3587 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5363016 | .5309610 | 1.018593 | 250.7849 | .5965439 | .5278232 |
| Stddev | .0017899 | .0041157 | .001864  | .8634    | .0034289 | .0004708 |
| %RSD   | .3337557 | .7751458 | .1829596 | .3442667 | .5747987 | .0891975 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5368522 | .5330615 | 1.016552 | 250.9519 | .6004104 | .5277621 |
| #2 | .5377516 | .5336026 | 1.019026 | 251.5526 | .5938722 | .5273860 |
| #3 | .5343011 | .5262189 | 1.020203 | 249.8503 | .5953492 | .5283216 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4739588 | 103.9016 | .5304337 | 262.8718 | 1.013251 | .1929764 |
| Stddev | .0044010 | .7374    | .0012638 | 1.2390   | .002251  | .0010457 |
| %RSD   | .9285529 | .7096799 | .2382530 | .4713291 | .2221566 | .5418690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4741378 | 103.9918 | .5310942 | 262.6563 | 1.010842 | .1920144 |
| #2 | .4782676 | 104.5896 | .5312304 | 264.2045 | 1.013610 | .1928256 |
| #3 | .4694712 | 103.1232 | .5289766 | 261.7548 | 1.015300 | .1940893 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.716099 | .5226847 | .9018573 | -1.23806 | -.002624 | F .0193516 |
| Stddev | .409028  | .0060679 | .0179656 | .17068   | .003043  | .0064013   |
| %RSD   | 57.11890 | 1.160914 | 1.992065 | 13.78572 | 115.9767 | 33.07906   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.252030 | .5253536 | .8843190 | -1.43282 | -.004104 | .0218163 |
| #2 | -.872080 | .5269606 | .9202217 | -1.11461 | .000876  | .0241542 |
| #3 | -1.02419 | .5157397 | .9010311 | -1.16674 | -.004643 | .0120843 |

Sample Name: ICSAB009      Acquired: 12/20/2024 19:01:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021555 | .0178216 | -.003293 | .0006657 | -.000674 | .0036435 |
| Stddev | .0003338 | .0035796 | .000826  | .0002975 | .002408  | .0002401 |
| %RSD   | 15.48623 | 20.08594 | 25.07212 | 44.69337 | 357.2888 | 6.590143 |
| #1     | .0022225 | .0211158 | -.002399 | .0007658 | -.002582 | .0033705 |
| #2     | .0017932 | .0183368 | -.003453 | .0009002 | -.001472 | .0037379 |
| #3     | .0024507 | .0140123 | -.004027 | .0003310 | .002032  | .0038221 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.004154 |
| Stddev | .003279  |
| %RSD   | 78.94520 |
| #1     | -.002215 |
| #2     | -.002307 |
| #3     | -.007940 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1736.765 | 21118.01 | 2277.677 | 1475.815 | 1901.015 |
| Stddev    | 5.097    | 31.20    | 13.371   | 1.866    | 4.920    |
| %RSD      | .2934993 | .1477576 | .5870621 | .1264228 | .2588293 |
| #1        | 1733.990 | 21082.90 | 2275.000 | 1477.364 | 1899.151 |
| #2        | 1733.657 | 21142.57 | 2265.847 | 1476.337 | 1897.299 |
| #3        | 1742.648 | 21128.56 | 2292.185 | 1473.743 | 1906.595 |

Sample Name: CCV081      Acquired: 12/20/2024 19:05:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV081      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.020170 | 4.936962 | 24.95856 | 4.904866 | 4.900146 | 407.9779 | 10.28323 |
| Stddev | .007234  | .023310  | .09863   | .021134  | .012227  | .8425    | .02999   |
| %RSD   | .1440889 | .4721618 | .3951691 | .4308694 | .2495218 | .2065031 | .2915969 |
| #1     | 5.024110 | 4.962063 | 25.05062 | 4.929266 | 4.914147 | 407.6079 | 10.25551 |
| #2     | 5.011822 | 4.915995 | 24.85447 | 4.893010 | 4.891567 | 407.3837 | 10.27911 |
| #3     | 5.024577 | 4.932829 | 24.97060 | 4.892322 | 4.894726 | 408.9420 | 10.31506 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5171305 | 2.509632 | 410.7829 | 15.59473 | 2.511059 | 15.36999 | 415.0674 |
| Stddev | .0020238 | .010274  | .8776    | .10006   | .010690  | .03765   | 1.0395   |
| %RSD   | .3913597 | .4093815 | .2136528 | .6416296 | .4257144 | .2449630 | .2504502 |
| #1     | .5147991 | 2.519515 | 411.5464 | 15.48239 | 2.521997 | 15.39185 | 414.1884 |
| #2     | .5181569 | 2.499007 | 409.8240 | 15.67429 | 2.500636 | 15.32652 | 414.7989 |
| #3     | .5184354 | 2.510373 | 410.9782 | 15.62750 | 2.510543 | 15.39161 | 416.2148 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.28200 | 409.4045 | 2.528850 | 1.303178 | 408.4372 | 2.569120 | 14.86148 |
| Stddev | .04945   | 1.2378   | .011001  | .007585  | 2.3811   | .010572  | .10020   |
| %RSD   | .3235727 | .3023509 | .4350298 | .5820054 | .5829887 | .4114864 | .6741963 |
| #1     | 15.23217 | 408.8571 | 2.539689 | 1.297175 | 405.8596 | 2.558533 | 14.76973 |
| #2     | 15.28277 | 408.5348 | 2.517694 | 1.311702 | 408.8970 | 2.569148 | 14.84632 |
| #3     | 15.33106 | 410.8217 | 2.529168 | 1.300656 | 410.5548 | 2.579676 | 14.96839 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 154.9553 | 5.023603 | 5.042218 | 4.846655 | 5.074105 | 4.995840 | 5.025764 |
| Stddev | .3922    | .017646  | .029896  | .017345  | .014621  | .015470  | .020704  |
| %RSD   | .2531305 | .3512521 | .5929138 | .3578799 | .2881529 | .3096580 | .4119512 |
| #1     | 154.6554 | 5.034554 | 5.007770 | 4.866620 | 5.088132 | 4.980626 | 5.045808 |
| #2     | 154.8112 | 5.003247 | 5.061385 | 4.835292 | 5.058955 | 5.011554 | 5.004458 |
| #3     | 155.3992 | 5.033008 | 5.057500 | 4.838053 | 5.075228 | 4.995339 | 5.027026 |

Sample Name: CCV081      Acquired: 12/20/2024 19:05:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV081      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.128113 | 4.879557 | 5.202074 |
| Stddev | .011961  | .009765  | .011549  |
| %RSD   | .2332523 | .2001222 | .2220056 |
| #1     | 5.123049 | 4.870658 | 5.199288 |
| #2     | 5.119515 | 4.878008 | 5.192173 |
| #3     | 5.141773 | 4.890003 | 5.214761 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1535.435 | 20457.32 | 2237.880 | 1302.606 | 1755.359 |
| Stddev    | 2.545    | 71.05    | 3.853    | 3.995    | 3.932    |
| %RSD      | .1657755 | .3473189 | .1721764 | .3067153 | .2239798 |
| #1        | 1532.529 | 20539.32 | 2238.307 | 1306.930 | 1752.494 |
| #2        | 1536.505 | 20418.64 | 2241.502 | 1301.840 | 1759.841 |
| #3        | 1537.270 | 20414.00 | 2233.831 | 1299.050 | 1753.743 |

Sample Name: CCB081      Acquired: 12/20/2024 19:09:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB081      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021532 | .0006173 | .0009618 | .0020062 | -.003261 | .0024440 |
| Stddev | .0037779 | .0031260 | .0014775 | .0037565 | .000527  | .0274107 |
| %RSD   | 175.4526 | 506.3609 | 153.6144 | 187.2432 | 16.17034 | 1121.546 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0040558 | -.002852 | .0019294 | -.001795 | -.003852 | .0308517 |
| #2 | .0046016 | .003214  | -.000739 | .002097  | -.003090 | .0003273 |
| #3 | -.002198 | .001490  | .001695  | .005716  | -.002840 | -.023847 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000463 | .0002247 | .0002119 | .0075773 | -.000314 | .0002193 |
| Stddev | .001354  | .0001498 | .0000700 | .0256691 | .000734  | .0003049 |
| %RSD   | 292.7268 | 66.63149 | 33.02544 | 338.7608 | 233.6939 | 139.0217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000052  | .0003814 | .0002286 | -.016179 | -.000326 | .0003242 |
| #2 | .000559  | .0002099 | .0001351 | .034805  | -.001042 | -.000124 |
| #3 | -.001999 | .0000830 | .0002720 | .004106  | .000426  | .000458  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000064 | -.006968 | .0015303 | .0952938 | .0000636 | .0005032 |
| Stddev | .002301  | .032548  | .0010036 | .0436448 | .0007391 | .0005211 |
| %RSD   | 3608.588 | 467.0820 | 65.58417 | 45.80027 | 1162.218 | 103.5530 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000375 | -.020111 | .0026489 | .1438063 | .0004632 | .0009503 |
| #2 | -.002194 | -.030890 | .0012330 | .0828601 | .0005168 | .0006284 |
| #3 | .002377  | .030096  | .0007089 | .0592150 | -.000789 | -.000069 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.460316 | -.009999 | -.007512 | -.249786 | -.002358 | .0128566 |
| Stddev | .410805  | .003256  | .006210  | .028553  | .001361  | .0013148 |
| %RSD   | 89.24409 | 32.55887 | 82.67196 | 11.43098 | 57.71168 | 10.22663 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.934341 | -.008835 | -.002144 | -.267916 | -.003349 | .0143746 |
| #2 | -.238663 | -.007486 | -.006078 | -.216873 | -.002919 | .0121176 |
| #3 | -.207945 | -.013677 | -.014314 | -.264569 | -.000806 | .0120776 |



Sample Name: CCB081      Acquired: 12/20/2024 19:09:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB081      Custom ID2:      Custom ID3:  
Comment:

|        |           |           |           |             |          |           |
|--------|-----------|-----------|-----------|-------------|----------|-----------|
| Elem   | Mo2020    | S_1820    | Si2516    | Sn1899      | Ti3361   | Sr4077    |
| Units  | ppm       | ppm       | ppm       | ppm         | ppm      | ppm       |
| Avg    | -0.000019 | -0.003188 | -0.001159 | F -0.011152 | .0031994 | .0001466  |
| Stddev | .000733   | .002665   | .000761   | .001006     | .0010132 | .0002282  |
| %RSD   | 3961.019  | 83.57311  | 65.62392  | 9.023791    | 31.66815 | 155.6881  |
| #1     | -0.000749 | -0.006183 | -0.000521 | -0.011077   | .0027554 | .0002199  |
| #2     | .000717   | -0.002303 | -0.002001 | -0.012194   | .0043589 | .0003290  |
| #3     | -0.000024 | -0.001080 | -0.000956 | -0.010186   | .0024841 | -0.000109 |

|        |           |
|--------|-----------|
| Elem   | Li6707    |
| Units  | ppm       |
| Avg    | .0002944  |
| Stddev | .0012646  |
| %RSD   | 429.5533  |
| #1     | -0.000172 |
| #2     | .001726   |
| #3     | -0.000671 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1841.251 | 22628.07 | 2308.995 | 1575.052 | 2157.436 |
| Stddev    | 6.275    | 55.52    | 33.054   | 4.869    | 6.788    |
| %RSD      | .3408038 | .2453804 | 1.431547 | .3091332 | .3146515 |
| #1        | 1842.848 | 22578.41 | 2278.637 | 1570.308 | 2159.434 |
| #2        | 1834.332 | 22688.02 | 2304.140 | 1580.037 | 2149.872 |
| #3        | 1846.574 | 22617.78 | 2344.208 | 1574.811 | 2163.000 |

Sample Name: P5067-05DL2X5      Acquired: 12/20/2024 19:13:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054454 | .0339431 | .0291286 | -.028444 | -.015649 | 1.957592 | .3613054 |
| Stddev | .0024106 | .0050003 | .0016065 | .001577  | .003170  | .014364  | .0026814 |
| %RSD   | 44.26894 | 14.73153 | 5.515122 | 5.544485 | 20.25466 | .7337467 | .7421444 |
| #1     | .0026650 | .0336970 | .0292687 | -.026626 | -.014411 | 1.961427 | .3589170 |
| #2     | .0067217 | .0390619 | .0274567 | -.029432 | -.013285 | 1.969649 | .3607934 |
| #3     | .0069497 | .0290703 | .0306606 | -.029276 | -.019251 | 1.941700 | .3642059 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006695 | .0002923 | 378.0607 | .0130536 | .0393394 | .0075448 | 8.973307 |
| Stddev | .0001856 | .0000783 | .6253    | .0007424 | .0002280 | .0002901 | .004206  |
| %RSD   | 27.72200 | 26.77808 | .1653910 | 5.687691 | .5794999 | 3.845078 | .0468761 |
| #1     | .0005761 | .0003116 | 377.5958 | .0126477 | .0395035 | .0077658 | 8.971388 |
| #2     | .0005491 | .0003591 | 377.8148 | .0126026 | .0394356 | .0076524 | 8.970403 |
| #3     | .0008833 | .0002062 | 378.7716 | .0139105 | .0390791 | .0072163 | 8.978131 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2320900 | 206.5036 | .0152412 | .0014486 | .1970955 | .0034393 | .0266272 |
| Stddev | .0025900 | .0924    | .0009423 | .0010321 | 1.307115 | .0052802 | .0007620 |
| %RSD   | 1.115957 | .0447516 | 6.182844 | 71.24618 | 663.1887 | 153.5267 | 2.861744 |
| #1     | .2297530 | 206.4240 | .0161331 | .0012624 | -1.01756 | .0006205 | .0273832 |
| #2     | .2316423 | 206.4818 | .0153350 | .0005223 | 1.58032  | .0095307 | .0258594 |
| #3     | .2348747 | 206.6050 | .0142555 | .0025612 | .02853   | .0001667 | .0266389 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1803359 | .1941343 | .0324919 | .0031107 | 5.188287 | 1.054072 | -.002370 |
| Stddev | .0253261 | .0013257 | .0002454 | .0007315 | .007109  | .003418  | .001668  |
| %RSD   | 14.04385 | .6828793 | .7553546 | 23.51639 | .1370132 | .3242926 | 70.35372 |
| #1     | .1772214 | .1931591 | .0327231 | .0034715 | 5.195152 | 1.057148 | -.000940 |
| #2     | .1567111 | .1935999 | .0322344 | .0035918 | 5.188752 | 1.054675 | -.001970 |
| #3     | .2070752 | .1956437 | .0325183 | .0022689 | 5.180958 | 1.050392 | -.004202 |

Sample Name: P5067-05DL2X5      Acquired: 12/20/2024 19:13:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0325331 | 11.34065 | .0092815 |
| Stddev | .0019681 | .11218   | .0052998 |
| %RSD   | 6.049618 | .9891764 | 57.10021 |
| #1     | .0347719 | 11.35758 | .0078691 |
| #2     | .0317517 | 11.44339 | .0048310 |
| #3     | .0310757 | 11.22096 | .0151445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1738.750 | 21449.50 | 2265.158 | 1470.186 | 1892.595 |
| Stddev    | 3.630    | 121.05   | 6.920    | 8.067    | 1.811    |
| %RSD      | .2087917 | .5643396 | .3055035 | .5486836 | .0956854 |
| #1        | 1740.801 | 21531.02 | 2257.978 | 1474.155 | 1892.802 |
| #2        | 1740.891 | 21507.08 | 2271.785 | 1475.498 | 1894.294 |
| #3        | 1734.559 | 21310.41 | 2265.712 | 1460.903 | 1890.690 |

Sample Name: P4964-05DL2X5      Acquired: 12/20/2024 19:17:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092693 | .0287108 | .1799374 | -.021151 | -.014384 | 4.518460 | .0504633 |
| Stddev | .0043875 | .0008875 | .0012735 | .005026  | .000417  | .021673  | .0008813 |
| %RSD   | 47.33366 | 3.091159 | .7077565 | 23.76132 | 2.896758 | .4796483 | 1.746475 |
| #1     | .0053576 | .0288853 | .1798023 | -.026843 | -.013903 | 4.500282 | .0508726 |
| #2     | .0140134 | .0277490 | .1812730 | -.019283 | -.014618 | 4.512654 | .0494517 |
| #3     | .0084370 | .0294981 | .1787368 | -.017326 | -.014631 | 4.542445 | .0510655 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008798 | .0111622 | 409.2971 | .0134089 | .0429822 | .0222336 | 24.68755 |
| Stddev | .0000221 | .0000518 | 2.5739   | .0002385 | .0005978 | .0012176 | .16537   |
| %RSD   | 2.515649 | .4639735 | .6288705 | 1.778709 | 1.390809 | 5.476447 | .6698409 |
| #1     | .0008637 | .0112220 | 408.5350 | .0134702 | .0423132 | .0229238 | 24.71378 |
| #2     | .0009050 | .0111326 | 407.1903 | .0136108 | .0431695 | .0208277 | 24.51063 |
| #3     | .0008706 | .0111319 | 412.1661 | .0131457 | .0434639 | .0229492 | 24.83823 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.605132 | 217.1335 | .0219587 | .0037182 | .1861600 | .0014189 | 2.005069 |
| Stddev | .028125  | 1.6584   | .0014224 | .0000760 | .4160004 | .0042581 | .045828  |
| %RSD   | 1.079597 | .7637680 | 6.477448 | 2.044665 | 223.4639 | 300.0903 | 2.285589 |
| #1     | 2.599988 | 216.6442 | .0235933 | .0036333 | .1963870 | -.001893 | 1.992166 |
| #2     | 2.579934 | 215.7748 | .0210032 | .0037410 | .5969525 | -.000072 | 1.967076 |
| #3     | 2.635474 | 218.9815 | .0212795 | .0037802 | -.234860 | .006222  | 2.055965 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.299819 | .6218632 | .0338582 | .0018915 | 5.327831 | 2.036378 | .0033125 |
| Stddev | .122302  | .0041311 | .0014298 | .0002040 | .006709  | .004803  | .0017040 |
| %RSD   | 9.409192 | .6643080 | 4.223007 | 10.78567 | .1259304 | .2358669 | 51.44031 |
| #1     | 1.167057 | .6258649 | .0349115 | .0016588 | 5.327778 | 2.031509 | .0025458 |
| #2     | 1.407897 | .6221108 | .0322305 | .0019758 | 5.321148 | 2.036514 | .0021266 |
| #3     | 1.324501 | .6176139 | .0344328 | .0020398 | 5.334567 | 2.041112 | .0052651 |

Sample Name: P4964-05DL2X5      Acquired: 12/20/2024 19:17:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0610361 | .1210162 | .0168822 |
| Stddev | .0035294 | .0012297 | .0002095 |
| %RSD   | 5.782418 | 1.016185 | 1.240830 |
| #1     | .0622353 | .1206159 | .0166974 |
| #2     | .0638096 | .1200365 | .0168395 |
| #3     | .0570634 | .1223962 | .0171098 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1733.739 | 21481.35 | 2267.360 | 1470.571 | 1867.307 |
| Stddev    | 2.957    | 98.14    | 6.560    | 5.713    | 1.555    |
| %RSD      | .1705589 | .4568401 | .2893329 | .3884797 | .0832665 |
| #1        | 1730.581 | 21402.23 | 2268.902 | 1474.635 | 1865.964 |
| #2        | 1736.443 | 21591.17 | 2273.011 | 1473.040 | 1866.947 |
| #3        | 1734.194 | 21450.65 | 2260.166 | 1464.039 | 1869.011 |

Sample Name: P5233-01      Acquired: 12/20/2024 19:21:27      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28R5      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1888606 | -.267788 | 2.046992 | .2979501 | .1487171 | 106.8684 | 1.455803 |
| Stddev | .0028351 | .004810  | .011882  | .0074856 | .0017613 | 1.0027   | .012379  |
| %RSD   | 1.501163 | 1.796216 | .5804755 | 2.512372 | 1.184302 | .9382532 | .8502918 |
| #1     | .1890740 | -.263146 | 2.052960 | .2895442 | .1467758 | 105.9538 | 1.445833 |
| #2     | .1915831 | -.267469 | 2.054708 | .3004096 | .1491630 | 106.7109 | 1.451919 |
| #3     | .1859249 | -.272750 | 2.033309 | .3038965 | .1502126 | 107.9406 | 1.469658 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0194712 | .0229252 | 319.9638 | 2.399306 | .1535406 | 1.952968 | 629.1286 |
| Stddev | .0000846 | .0004330 | 2.9824   | .018229  | .0012220 | .023763  | 5.5149   |
| %RSD   | .4346463 | 1.888766 | .9321088 | .7597792 | .7958560 | 1.216754 | .8765983 |
| #1     | .0194215 | .0232062 | 317.4471 | 2.409968 | .1536330 | 1.938367 | 624.2999 |
| #2     | .0195690 | .0231430 | 319.1865 | 2.378257 | .1547137 | 1.940148 | 627.9475 |
| #3     | .0194233 | .0224266 | 323.2579 | 2.409693 | .1522750 | 1.980387 | 635.1384 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.59683 | 73.25588 | 1.563392 | .0439782 | 2.077908 | .3611963 | 6.897816 |
| Stddev | .11958   | .55384   | .010157  | .0027582 | .260185  | .0005877 | .052528  |
| %RSD   | .9493066 | .7560341 | .6496838 | 6.271616 | 12.52148 | .1626989 | .7615213 |
| #1     | 12.49839 | 72.92294 | 1.570321 | .0408007 | 2.378045 | .3605672 | 6.928678 |
| #2     | 12.56218 | 72.94949 | 1.568122 | .0457539 | 1.939439 | .3612907 | 6.837164 |
| #3     | 12.72991 | 73.89522 | 1.551732 | .0453801 | 1.916240 | .3617311 | 6.927605 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.46351 | 8.844960 | .2990643 | .2771696 | 7.844249 | 9.282330 | .1848983 |
| Stddev | .33577   | .063567  | .0051366 | .0003555 | .051612  | .067829  | .0021592 |
| %RSD   | 1.640833 | .7186771 | 1.717546 | .1282467 | .6579661 | .7307302 | 1.167784 |
| #1     | 20.20530 | 8.868898 | .2991692 | .2773567 | 7.860035 | 9.217383 | .1855363 |
| #2     | 20.34213 | 8.893083 | .2938761 | .2767597 | 7.886125 | 9.276892 | .1866666 |
| #3     | 20.84309 | 8.772900 | .3041476 | .2773926 | 7.786587 | 9.352714 | .1824920 |

Sample Name: P5233-01      Acquired: 12/20/2024 19:21:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.630028 | .2113659 | .1220139 |
| Stddev | .022579  | .0024723 | .0030995 |
| %RSD   | 1.385188 | 1.169673 | 2.540295 |
| #1     | 1.607948 | .2093829 | .1202557 |
| #2     | 1.629061 | .2105791 | .1201933 |
| #3     | 1.653075 | .2141359 | .1255928 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1962.551 | 24521.50 | 2625.032 | 1664.759 | 1982.277 |
| Stddev    | 5.224    | 156.43   | 31.151   | 8.283    | 14.514   |
| %RSD      | .2661936 | .6379183 | 1.186692 | .4975227 | .7322112 |
| #1        | 1958.052 | 24526.64 | 2657.081 | 1664.827 | 1974.277 |
| #2        | 1961.321 | 24675.29 | 2623.151 | 1673.008 | 1973.522 |
| #3        | 1968.281 | 24362.56 | 2594.864 | 1656.443 | 1999.031 |

Sample Name: P5233-02      Acquired: 12/20/2024 19:25:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2277652 | -.275526 | 2.258135 | .3047480 | .1540585 | 83.43936 | 1.482926 |
| Stddev | .0026345 | .002715  | .008074  | .0052525 | .0018955 | .38477   | .009693  |
| %RSD   | 1.156650 | .9852741 | .3575683 | 1.723543 | 1.230367 | .4611331 | .6536179 |
| #1     | .2307710 | -.273438 | 2.249717 | .3107539 | .1518790 | 83.85008 | 1.492239 |
| #2     | .2266673 | -.274546 | 2.265815 | .3010132 | .1553215 | 83.08728 | 1.472894 |
| #3     | .2258572 | -.278595 | 2.258871 | .3024770 | .1549751 | 83.38074 | 1.483644 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0192101 | .0203959 | 308.9870 | 2.025288 | .1578196 | 4.615900 | 646.2016 |
| Stddev | .0003955 | .0002255 | 1.4816   | .044892  | .0005426 | .008342  | 3.8310   |
| %RSD   | 2.058832 | 1.105827 | .4795034 | 2.216556 | .3438264 | .1807123 | .5928457 |
| #1     | .0196642 | .0201886 | 310.5972 | 2.022171 | .1581291 | 4.620724 | 649.9264 |
| #2     | .0189406 | .0206361 | 307.6813 | 1.982036 | .1581366 | 4.606268 | 642.2726 |
| #3     | .0190256 | .0203631 | 308.6825 | 2.071657 | .1571930 | 4.620708 | 646.4057 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.97184 | 68.65187 | 1.141819 | .0445514 | 1.813617 | .3563599 | 6.096980 |
| Stddev | .08607   | .53732   | .003356  | .0032005 | .357281  | .0065419 | .116598  |
| %RSD   | .6160276 | .7826684 | .2938976 | 7.183912 | 19.69990 | 1.835743 | 1.912384 |
| #1     | 14.05594 | 69.26816 | 1.139876 | .0459812 | 1.977591 | .3594481 | 6.030406 |
| #2     | 13.88392 | 68.28166 | 1.145694 | .0467877 | 1.403783 | .3607861 | 6.028922 |
| #3     | 13.97567 | 68.40580 | 1.139887 | .0408852 | 2.059478 | .3488457 | 6.231613 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.61876 | 7.381667 | .2823770 | .2245370 | 6.837727 | 9.386163 | .3939592 |
| Stddev | .25610   | .018138  | .0060719 | .0004397 | .027763  | .147624  | .0009702 |
| %RSD   | 1.375501 | .2457144 | 2.150287 | .1958158 | .4060244 | 1.572781 | .2462644 |
| #1     | 18.80997 | 7.369822 | .2756651 | .2246830 | 6.825852 | 9.554462 | .3940306 |
| #2     | 18.32779 | 7.402548 | .2839776 | .2240429 | 6.869453 | 9.278573 | .3948917 |
| #3     | 18.71852 | 7.372632 | .2874883 | .2248851 | 6.817877 | 9.325455 | .3929553 |



Sample Name: P5233-02      Acquired: 12/20/2024 19:25:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.643731 | .1161520 | .1184840 |
| Stddev | .007919  | .0006186 | .0030845 |
| %RSD   | .4817553 | .5325812 | 2.603301 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.652330 | .1166452 | .1206444 |
| #2 | 1.636738 | .1154579 | .1198561 |
| #3 | 1.642127 | .1163527 | .1149515 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1946.489 | 24112.97 | 2541.019 | 1637.390 | 1994.565 |
| Stddev    | 7.430    | 439.91   | 24.186   | 29.066   | 6.283    |
| %RSD      | .3817109 | 1.824357 | .9518107 | 1.775120 | .3150306 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1938.128 | 24293.29 | 2513.103 | 1649.696 | 1990.613 |
| #2 | 1949.004 | 24434.06 | 2555.649 | 1658.278 | 1991.271 |
| #3 | 1952.335 | 23611.55 | 2554.306 | 1604.196 | 2001.811 |

Sample Name: P5233-03      Acquired: 12/20/2024 19:29:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0876158 | -.055961 | .1746149 | .0663457   | .0248031 | 90.25794 |
| Stddev | .0073287 | .003185  | .0013047 | .0053428   | .0009001 | 1.54196  |
| %RSD   | 8.364582 | 5.691743 | .7471842 | 8.053005   | 3.628794 | 1.708396 |
| #1     | .0826247 | -.059336 | .1753745 | .0684818   | .0237805 | 91.23755 |
| #2     | .0960297 | -.055538 | .1731083 | .0702899   | .0251539 | 88.48053 |
| #3     | .0841930 | -.053008 | .1753617 | .0602653   | .0254749 | 91.05573 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.173255 | .0096013 | .0045336 | F 800.2999 | .1728316 | .1401536 |
| Stddev | .021062  | .0001964 | .0000660 | 13.8461    | .0018388 | .0005773 |
| %RSD   | 1.795192 | 2.045378 | 1.455046 | 1.730115   | 1.063949 | .4118910 |
| #1     | 1.188557 | .0097898 | .0044612 | 809.9836   | .1722098 | .1397252 |
| #2     | 1.149234 | .0093979 | .0045904 | 784.4406   | .1749008 | .1408101 |
| #3     | 1.181976 | .0096164 | .0045491 | 806.4756   | .1713844 | .1399256 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1605544 | 199.9301 | 4.218514 | 230.3460   | .2929522 | .0109090 |
| Stddev | .0128877 | 3.7124   | .080021  | 4.6164     | .0013878 | .0007186 |
| %RSD   | 8.026989 | 1.856834 | 1.896905 | 2.004118   | .4737412 | 6.587507 |
| #1     | .1510949 | 202.2428 | 4.269174 | 232.6870   | .2922694 | .0117382 |
| #2     | .1553354 | 195.6480 | 4.126262 | 225.0281   | .2920380 | .0105220 |
| #3     | .1752331 | 201.8995 | 4.260106 | 233.3229   | .2945491 | .0104668 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5815166 | .2218498 | .5278443 | 10.83781   | 4.184266 | .0963408 |
| Stddev | .4345503 | .0033392 | .0180954 | .16207     | .002818  | .0038538 |
| %RSD   | 74.72708 | 1.505161 | 3.428168 | 1.495404   | .0673377 | 4.000176 |
| #1     | .8643262 | .2249167 | .5177163 | 11.02483   | 4.186277 | .1002320 |
| #2     | .7990657 | .2182925 | .5487358 | 10.73856   | 4.181046 | .0925256 |
| #3     | .0811577 | .2223402 | .5170807 | 10.75002   | 4.185476 | .0962648 |

Sample Name: P5233-03      Acquired: 12/20/2024 19:29:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R7      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0203889 | 6.001793 | 9.091521 | .0186609 | 1.253438 | 1.398207 |
| Stddev    | .0009338 | .020388  | .183730  | .0024020 | .025826  | .026508  |
| %RSD      | 4.579990 | .3397006 | 2.020899 | 12.87157 | 2.060452 | 1.895854 |
| #1        | .0199627 | 6.007403 | 9.225099 | .0212482 | 1.271362 | 1.415156 |
| #2        | .0214598 | 5.979188 | 8.881993 | .0182329 | 1.223835 | 1.367659 |
| #3        | .0197443 | 6.018789 | 9.167473 | .0165018 | 1.265117 | 1.411805 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .1716492 |          |          |          |          |          |
| Stddev    | .0092924 |          |          |          |          |          |
| %RSD      | 5.413604 |          |          |          |          |          |
| #1        | .1761959 |          |          |          |          |          |
| #2        | .1609590 |          |          |          |          |          |
| #3        | .1777928 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 1918.251 | 23722.89 | 2562.661 | 1624.691 | 1835.621 |          |
| Stddev    | 6.732    | 51.72    | 62.798   | 2.466    | 4.741    |          |
| %RSD      | .3509652 | .2180053 | 2.450497 | .1518001 | .2582905 |          |
| #1        | 1924.743 | 23675.11 | 2517.056 | 1622.754 | 1839.585 |          |
| #2        | 1918.708 | 23777.81 | 2634.287 | 1627.468 | 1836.910 |          |
| #3        | 1911.302 | 23715.75 | 2536.639 | 1623.852 | 1830.369 |          |

Sample Name: P5233-04      Acquired: 12/20/2024 19:32:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0251648 | .0138914 | .2077070 | .0110794   | -.002702 | 86.76077 |
| Stddev | .0042251 | .0043666 | .0029213 | .0014678   | .002911  | .69998   |
| %RSD   | 16.78959 | 31.43359 | 1.406460 | 13.24849   | 107.7477 | .8067908 |
| #1     | .0226778 | .0134464 | .2086784 | .0119494   | -.001791 | 86.87291 |
| #2     | .0227733 | .0184634 | .2100188 | .0119041   | -.005960 | 86.01150 |
| #3     | .0300431 | .0097644 | .2044237 | .0093847   | -.000355 | 87.39791 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8028868 | .0133139 | .0022916 | F 1286.505 | .1313314 | .0802356 |
| Stddev | .0088106 | .0001110 | .0002073 | 3.771      | .0003838 | .0004524 |
| %RSD   | 1.097367 | .8340428 | 9.047191 | .2931232   | .2922203 | .5638129 |
| #1     | .8062205 | .0132465 | .0022848 | 1288.506   | .1317685 | .0797182 |
| #2     | .7928957 | .0132531 | .0020877 | 1288.853   | .1310499 | .0805564 |
| #3     | .8095440 | .0134421 | .0025022 | 1282.155   | .1311757 | .0804321 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1050198 | 84.92306 | 6.784415 | 378.6371   | .0876772 | .0056493 |
| Stddev | .0089800 | .54091   | .039408  | 2.3717     | .0008817 | .0013572 |
| %RSD   | 8.550768 | .6369454 | .5808626 | .6263711   | 1.005624 | 24.02442 |
| #1     | .1099050 | 84.92272 | 6.802408 | 378.0775   | .0886950 | .0045200 |
| #2     | .1104983 | 84.38232 | 6.739222 | 376.5953   | .0871485 | .0052729 |
| #3     | .0946563 | 85.46414 | 6.811615 | 381.2386   | .0871880 | .0071550 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.930968 | .0981174 | .4080971 | 4.992844   | 2.152437 | .2681432 |
| Stddev | .177461  | .0077584 | .0028869 | .158607    | .006714  | .0038288 |
| %RSD   | 9.190262 | 7.907241 | .7073982 | 3.176677   | .3119429 | 1.427882 |
| #1     | 1.890469 | .1004594 | .4057238 | 5.169620   | 2.146462 | .2666740 |
| #2     | 1.777258 | .0894579 | .4072566 | 4.863000   | 2.151145 | .2652667 |
| #3     | 2.125179 | .1044350 | .4113110 | 4.945912   | 2.159703 | .2724890 |

Sample Name: P5233-04      Acquired: 12/20/2024 19:32:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071096 | 25.16209 | 9.573862 | .0225282 | 2.304932 | 2.495513 |
| Stddev | .0000771 | .05497   | .059652  | .0023899 | .013531  | .015267  |
| %RSD   | 1.083955 | .2184770 | .6230726 | 10.60855 | .5870395 | .6117631 |
| #1     | .0070437 | 25.22063 | 9.576817 | .0249351 | 2.307015 | 2.497972 |
| #2     | .0071944 | 25.11156 | 9.512788 | .0224939 | 2.290481 | 2.479166 |
| #3     | .0070907 | 25.15410 | 9.631982 | .0201556 | 2.317301 | 2.509401 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1139813 |
| Stddev | .0032335 |
| %RSD   | 2.836824 |
| #1     | .1163087 |
| #2     | .1102892 |
| #3     | .1153459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1876.096 | 23205.83 | 2545.376 | 1583.226 | 1730.362 |
| Stddev    | 3.874    | 87.47    | 16.264   | 7.296    | 3.817    |
| %RSD      | .2064754 | .3769148 | .6389673 | .4608065 | .2205914 |
| #1        | 1878.370 | 23213.03 | 2542.590 | 1580.255 | 1729.548 |
| #2        | 1878.296 | 23114.98 | 2562.853 | 1577.884 | 1734.521 |
| #3        | 1871.624 | 23289.47 | 2530.685 | 1591.538 | 1727.018 |

Sample Name: P5233-05      Acquired: 12/20/2024 19:36:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0808951 | -.074213 | .1777450 | .0866530 | .0353886 | 72.82175 | .8042998 |
| Stddev | .0039183 | .001005  | .0018100 | .0027677 | .0010481 | .56990   | .0064043 |
| %RSD   | 4.843726 | 1.354880 | 1.018303 | 3.194037 | 2.961653 | .7825981 | .7962533 |
| #1     | .0843427 | -.075170 | .1798255 | .0885588 | .0353934 | 73.36102 | .8109082 |
| #2     | .0817088 | -.073165 | .1768765 | .0834783 | .0364343 | 72.22549 | .7981214 |
| #3     | .0766338 | -.074302 | .1765329 | .0879218 | .0343381 | 72.87873 | .8038698 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111927 | .0033258 | 786.7080 | .1887916 | .1189805 | .2139310 | 237.2166 |
| Stddev | .0002809 | .0000801 | 7.2417   | .0014885 | .0006582 | .0090957 | 1.7975   |
| %RSD   | 2.509919 | 2.409220 | .9205032 | .7884359 | .5532034 | 4.251700 | .7577410 |
| #1     | .0115167 | .0032451 | 793.6685 | .1897441 | .1183029 | .2059216 | 238.8843 |
| #2     | .0110179 | .0033271 | 779.2146 | .1870764 | .1196174 | .2120520 | 235.3127 |
| #3     | .0110434 | .0034053 | 787.2410 | .1895544 | .1190212 | .2238195 | 237.4527 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.123491 | 134.1862 | .2379985 | .0143201 | 1.595872 | .1626421 | .3811369 |
| Stddev | .040397  | .9989    | .0009095 | .0005729 | .324464  | .0131353 | .0088109 |
| %RSD   | .6597071 | .7443868 | .3821461 | 4.000584 | 20.33144 | 8.076176 | 2.311728 |
| #1     | 6.163233 | 135.0712 | .2390468 | .0145978 | 1.479885 | .1714420 | .3720743 |
| #2     | 6.082469 | 133.1031 | .2375292 | .0147011 | 1.345342 | .1689406 | .3896723 |
| #3     | 6.124772 | 134.3842 | .2374195 | .0136613 | 1.962390 | .1475437 | .3816640 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.085507 | 3.592506 | .1309188 | .0305028 | 9.510758 | 10.46079 | .0440855 |
| Stddev | .046792  | .008347  | .0018544 | .0005619 | .023951  | .13925   | .0007204 |
| %RSD   | .5150170 | .2323485 | 1.416413 | 1.842246 | .2518272 | 1.331164 | 1.634131 |
| #1     | 9.138403 | 3.599375 | .1287787 | .0299285 | 9.538031 | 10.58374 | .0435369 |
| #2     | 9.068597 | 3.594928 | .1320489 | .0305283 | 9.493149 | 10.48905 | .0449013 |
| #3     | 9.049521 | 3.583216 | .1319287 | .0310516 | 9.501095 | 10.30957 | .0438182 |

Sample Name: P5233-05      Acquired: 12/20/2024 19:36:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28R9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.420065 | 1.410319 | .1146262 |
| Stddev | .011703  | .011743  | .0050160 |
| %RSD   | .8241331 | .8326599 | 4.375960 |
| #1     | 1.428964 | 1.420100 | .1185111 |
| #2     | 1.406808 | 1.397295 | .1089634 |
| #3     | 1.424424 | 1.413562 | .1164041 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1948.957 | 23973.09 | 2597.033 | 1650.435 | 1892.224 |
| Stddev    | 5.459    | 239.79   | 35.119   | 12.660   | 5.277    |
| %RSD      | .2801063 | 1.000234 | 1.352282 | .7670721 | .2788868 |
| #1        | 1954.339 | 23821.87 | 2561.468 | 1635.918 | 1898.015 |
| #2        | 1943.424 | 24249.57 | 2597.943 | 1659.186 | 1887.686 |
| #3        | 1949.107 | 23847.84 | 2631.688 | 1656.200 | 1890.973 |

Sample Name: P5233-06      Acquired: 12/20/2024 19:40:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0966158 | -.045367 | .5201552 | .0504826 | .0220699 | 79.53174 |
| Stddev | .0042578 | .000791  | .0006663 | .0034190 | .0014682 | .84243   |
| %RSD   | 4.406987 | 1.744570 | .1280916 | 6.772647 | 6.652514 | 1.059234 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0917381 | -.045938 | .5208772 | .0508466 | .0217896 | 78.56853 |
| #2 | .0995888 | -.044464 | .5195642 | .0468961 | .0236580 | 80.13101 |
| #3 | .0985205 | -.045700 | .5200241 | .0537050 | .0207621 | 79.89569 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7640419 | .0095593 | .0044344 | F 1056.072 | .1838136 | .1317827 |
| Stddev | .0072045 | .0001441 | .0000516 | 10.190     | .0011362 | .0002549 |
| %RSD   | .9429527 | 1.507687 | 1.164607 | .9648569   | .6181209 | .1934003 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7557323 | .0096505 | .0044676 | 1044.677 | .1832654 | .1317270 |
| #2 | .7685408 | .0096343 | .0043749 | 1064.307 | .1830555 | .1320609 |
| #3 | .7678526 | .0093932 | .0044608 | 1059.231 | .1851200 | .1315604 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2679774 | 183.6350 | 5.122385 | 311.7652 | .2853712 | .0108494 |
| Stddev | .0023696 | 2.1799   | .052295  | 3.9303   | .0010245 | .0008133 |
| %RSD   | .8842677 | 1.187087 | 1.020909 | 1.260672 | .3589870 | 7.496054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2654890 | 181.1745 | 5.062678 | 307.3279 | .2865534 | .0110638 |
| #2 | .2682363 | 185.3250 | 5.160053 | 314.8084 | .2847455 | .0115340 |
| #3 | .2702070 | 184.4056 | 5.144424 | 313.1594 | .2848146 | .0099504 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.024167 | .2372574 | .5811496 | 10.10178 | 4.396456 | .1174247 |
| Stddev | 1.055795 | .0070180 | .0088846 | .22704   | .002606  | .0008637 |
| %RSD   | 52.15946 | 2.957967 | 1.528797 | 2.247521 | .0592821 | .7355504 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.682650 | .2348742 | .5827901 | 9.86797  | 4.396101 | .1183573 |
| #2 | .806386  | .2451566 | .5715591 | 10.32138 | 4.394045 | .1172646 |
| #3 | 2.583464 | .2317413 | .5890996 | 10.11599 | 4.399221 | .1166522 |



Sample Name: P5233-06      Acquired: 12/20/2024 19:40:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0324998 | 19.61708 | 11.05320 | .0540749 | 1.540296 | 3.112287 |
| Stddev | .0008745 | .03243   | .14992   | .0010953 | .014287  | .035111  |
| %RSD   | 2.690618 | .1653236 | 1.356315 | 2.025594 | .9275419 | 1.128131 |
| #1     | .0331204 | 19.61218 | 10.90766 | .0528180 | 1.529040 | 3.072362 |
| #2     | .0328794 | 19.65169 | 11.20714 | .0545811 | 1.556369 | 3.138353 |
| #3     | .0314997 | 19.58738 | 11.04481 | .0548255 | 1.535480 | 3.126145 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1392234 |
| Stddev | .0025186 |
| %RSD   | 1.809027 |
| #1     | .1373074 |
| #2     | .1420761 |
| #3     | .1382866 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1890.660 | 23404.87 | 2564.457 | 1607.380 | 1787.580 |
| Stddev    | .410     | 205.06   | 25.114   | 8.006    | 3.966    |
| %RSD      | .0217115 | .8761357 | .9793062 | .4980932 | .2218591 |
| #1        | 1890.238 | 23403.94 | 2590.963 | 1604.329 | 1784.572 |
| #2        | 1891.058 | 23610.40 | 2541.017 | 1616.464 | 1786.094 |
| #3        | 1890.685 | 23200.29 | 2561.392 | 1601.349 | 1792.075 |

Sample Name: P5233-07      Acquired: 12/20/2024 19:44:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1081760 | -.078601 | .3449956 | .1003813 | .0408389   | 78.59105 |
| Stddev | .0027582 | .002760  | .0038496 | .0050078 | .0012580   | .29288   |
| %RSD   | 2.549739 | 3.511464 | 1.115847 | 4.988813 | 3.080379   | .3726690 |
| #1     | .1053876 | -.081492 | .3446021 | .0985340 | .0394360   | 78.77896 |
| #2     | .1082376 | -.075995 | .3413578 | .0965596 | .0418666   | 78.25358 |
| #3     | .1109029 | -.078315 | .3490268 | .1060504 | .0412141   | 78.74060 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7158343 | .0099301 | .0063639 | 265.4040 | .4034689   | .1228707 |
| Stddev | .0039953 | .0000823 | .0001270 | .9530    | .0018669   | .0006161 |
| %RSD   | .5581293 | .8293359 | 1.994994 | .3590654 | .4627211   | .5013904 |
| #1     | .7174559 | .0099081 | .0064315 | 266.0727 | .4017267   | .1230534 |
| #2     | .7112831 | .0100212 | .0064428 | 264.3128 | .4032404   | .1221840 |
| #3     | .7187638 | .0098610 | .0062175 | 265.8265 | .4054395   | .1233748 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2773412 | 231.7629 | 8.634911 | 71.29583 | .2936457   | .0157953 |
| Stddev | .0022808 | 1.0364   | .029830  | .53541   | .0010379   | .0011304 |
| %RSD   | .8223722 | .4471625 | .3454561 | .7509637 | .3534359   | 7.156507 |
| #1     | .2753029 | 232.3186 | 8.653901 | 71.71891 | .2930233   | .0157677 |
| #2     | .2798046 | 230.5672 | 8.600530 | 70.69389 | .2930700   | .0146790 |
| #3     | .2769160 | 232.4029 | 8.650303 | 71.47469 | .2948438   | .0169392 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4046005 | .2819664 | .7875562 | 13.15851 | F 11.86495 | .1413714 |
| Stddev | .3756798 | .0028370 | .0147701 | .02523   | .04185     | .0042839 |
| %RSD   | 92.85203 | 1.006140 | 1.875434 | .1917443 | .3527425   | 3.030248 |
| #1     | .1570727 | .2808979 | .7795777 | 13.12942 | 11.85998   | .1381909 |
| #2     | .8368815 | .2851825 | .7784912 | 13.17170 | 11.82580   | .1396805 |
| #3     | .2198474 | .2798189 | .8045997 | 13.17441 | 11.90907   | .1462427 |

Sample Name: P5233-07      Acquired: 12/20/2024 19:44:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0359707 | 6.512611 | 9.702811 | .0316875 | 1.124609 | .6987560 |
| Stddev | .0005378 | .024453  | .056258  | .0028801 | .010460  | .0034389 |
| %RSD   | 1.495096 | .3754676 | .5798153 | 9.089092 | .9300950 | .4921399 |
| #1     | .0353705 | 6.487891 | 9.738311 | .0283815 | 1.133421 | .7005556 |
| #2     | .0364089 | 6.513155 | 9.732177 | .0330282 | 1.113050 | .6947907 |
| #3     | .0361326 | 6.536788 | 9.637946 | .0336529 | 1.127357 | .7009215 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1223883 |
| Stddev | .0040517 |
| %RSD   | 3.310547 |
| #1     | .1268188 |
| #2     | .1214745 |
| #3     | .1188715 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2075.636 | 25411.38 | 2692.664 | 1758.659 | 2038.116 |
| Stddev    | 5.569    | 176.53   | 12.997   | 11.249   | 7.439    |
| %RSD      | .2682880 | .6946844 | .4826847 | .6396145 | .3649772 |
| #1        | 2074.442 | 25518.96 | 2677.874 | 1767.430 | 2040.352 |
| #2        | 2081.705 | 25507.53 | 2697.857 | 1762.570 | 2044.181 |
| #3        | 2070.761 | 25207.65 | 2702.263 | 1745.977 | 2029.816 |

Sample Name: P5233-08      Acquired: 12/20/2024 19:48:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1693728 | -.208952 | 1.424794 | .2419704 | .1121870   | 84.49024 |
| Stddev | .0016116 | .005726  | .038018  | .0066539 | .0018789   | .71624   |
| %RSD   | .9514921 | 2.740574 | 2.668298 | 2.749893 | 1.674761   | .8477228 |
| #1     | .1684763 | -.202958 | 1.393073 | .2419690 | .1143564   | 84.35434 |
| #2     | .1712333 | -.214367 | 1.414373 | .2486250 | .1111191   | 85.26470 |
| #3     | .1684088 | -.209531 | 1.466935 | .2353172 | .1110854   | 83.85169 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.225645 | .0169085 | .0214578 | 413.9298 | 1.303474   | .1317638 |
| Stddev | .011113  | .0002289 | .0010636 | 3.6036   | .009933    | .0039525 |
| %RSD   | .9067359 | 1.353997 | 4.956819 | .8705927 | .7620113   | 2.999669 |
| #1     | 1.224918 | .0169290 | .0206724 | 414.7443 | 1.310549   | .1288146 |
| #2     | 1.237104 | .0171265 | .0210328 | 417.0565 | 1.292119   | .1302220 |
| #3     | 1.214913 | .0166700 | .0226682 | 409.9886 | 1.307753   | .1362548 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.086731 | 519.4000 | 17.15889 | 97.51479 | .5893329   | .0358306 |
| Stddev | .004255  | 5.0715   | .16386   | 1.25286  | .0161482   | .0012976 |
| %RSD   | .3915734 | .9764129 | .9549642 | 1.284791 | 2.740088   | 3.621483 |
| #1     | 1.082526 | 518.8444 | 17.16272 | 97.58652 | .5781190   | .0367546 |
| #2     | 1.091035 | 524.7265 | 17.32081 | 98.73024 | .5820382   | .0363900 |
| #3     | 1.086634 | 514.6292 | 16.99315 | 96.22760 | .6078415   | .0343471 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.724396 | .3937611 | 3.667088 | 16.83541 | F 10.10574 | .3264872 |
| Stddev | .324998  | .0036096 | .040224  | .16772   | .27984     | .0049601 |
| %RSD   | 18.84705 | .9166888 | 1.096884 | .9962455 | 2.769150   | 1.519227 |
| #1     | 1.548390 | .3976614 | 3.706234 | 16.86929 | 9.89608    | .3239293 |
| #2     | 1.525362 | .3930835 | 3.625867 | 16.98361 | 9.99763    | .3322041 |
| #3     | 2.099435 | .3905383 | 3.669164 | 16.65334 | 10.42351   | .3233283 |

Sample Name: P5233-08      Acquired: 12/20/2024 19:48:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0774693 | 9.410476 | 10.07459 | .1595462 | 1.790167 | .6982135 |
| Stddev | .0023684 | .264200  | .10808   | .0044822 | .021883  | .0072168 |
| %RSD   | 3.057190 | 2.807507 | 1.072757 | 2.809366 | 1.222422 | 1.033610 |
| #1     | .0760822 | 9.217530 | 10.05033 | .1552027 | 1.792089 | .6986431 |
| #2     | .0761217 | 9.302300 | 10.19273 | .1592807 | 1.811027 | .7052060 |
| #3     | .0802040 | 9.711596 | 9.98070  | .1641554 | 1.767387 | .6907915 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1119727 |
| Stddev | .0008684 |
| %RSD   | .7755055 |
| #1     | .1126622 |
| #2     | .1122582 |
| #3     | .1109975 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2006.282 | 24876.32 | 2691.390 | 1706.568 | 1978.013 |
| Stddev    | 45.702   | 279.78   | 23.906   | 18.030   | 49.055   |
| %RSD      | 2.277933 | 1.124696 | .8882331 | 1.056492 | 2.480039 |
| #1        | 2045.624 | 24679.44 | 2685.497 | 1689.892 | 2020.291 |
| #2        | 2017.072 | 25196.59 | 2670.982 | 1725.700 | 1989.520 |
| #3        | 1956.151 | 24752.95 | 2717.692 | 1704.112 | 1924.226 |

Sample Name: P5233-09      Acquired: 12/20/2024 19:52:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1064132 | -.113526 | .4090069 | .1411101 | .0591369 | 81.04091 | .7430862 |
| Stddev | .0010149 | .007563  | .0048586 | .0173906 | .0052860 | 5.57846  | .0514305 |
| %RSD   | .9536947 | 6.662185 | 1.187903 | 12.32413 | 8.938555 | 6.883514 | 6.921203 |
| #1     | .1059320 | -.120519 | .4118855 | .1557976 | .0648428 | 85.98181 | .7891057 |
| #2     | .1057286 | -.105499 | .4033973 | .1219072 | .0544068 | 74.99137 | .6875687 |
| #3     | .1075792 | -.114561 | .4117379 | .1456254 | .0581610 | 82.14957 | .7525843 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115147 | .0048827 | 151.8781 | .6940823 | .1136165 | .1597327 | 304.8346 |
| Stddev | .0006437 | .0003576 | 10.4658  | .0022111 | .0003233 | .0174901 | 20.8664  |
| %RSD   | 5.590032 | 7.324269 | 6.890897 | .3185689 | .2845864 | 10.94958 | 6.845146 |
| #1     | .0120942 | .0045536 | 161.3422 | .6927754 | .1137515 | .1798236 | 323.3377 |
| #2     | .0108219 | .0052632 | 140.6380 | .6928364 | .1132475 | .1479068 | 282.2177 |
| #3     | .0116279 | .0048312 | 153.6541 | .6966353 | .1138504 | .1514677 | 308.9484 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.49359 | 60.26602 | .2489503 | .0211164 | .7847066 | .3534748 | .5753981 |
| Stddev | .85597   | 4.00780  | .0015684 | .0052800 | .0830936 | .0228011 | .0085526 |
| %RSD   | 6.851308 | 6.650186 | .6299989 | 25.00423 | 10.58913 | 6.450567 | 1.486385 |
| #1     | 13.24511 | 63.77847 | .2506370 | .0265139 | .7732867 | .3681604 | .5711289 |
| #2     | 11.56186 | 55.90029 | .2475358 | .0159623 | .7079135 | .3272074 | .5852449 |
| #3     | 12.67380 | 61.11931 | .2486782 | .0208730 | .8729195 | .3650565 | .5698205 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.750144 | 5.461857 | .1327501 | .0314704 | 4.192726 | 10.35131 | .0303829 |
| Stddev | .952599  | .021322  | .0116624 | .0002340 | .005294  | .67103   | .0036241 |
| %RSD   | 10.88667 | .3903756 | 8.785208 | .7435881 | .1262780 | 6.482540 | 11.92824 |
| #1     | 9.665031 | 5.484689 | .1389134 | .0316707 | 4.190485 | 10.93103 | .0343152 |
| #2     | 7.763852 | 5.442463 | .1192992 | .0312132 | 4.198772 | 9.61623  | .0271770 |
| #3     | 8.821550 | 5.458420 | .1400376 | .0315274 | 4.188921 | 10.50666 | .0296564 |

Sample Name: P5233-09      Acquired: 12/20/2024 19:52:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.456315 | -.076069 | .1171722 |
| Stddev | .101655  | .005259  | .0136595 |
| %RSD   | 6.980258 | 6.913388 | 11.65766 |
| #1     | 1.549333 | -.080400 | .1295457 |
| #2     | 1.347803 | -.070217 | .1025146 |
| #3     | 1.471809 | -.077589 | .1194561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1983.386 | 24404.27 | 2584.705 | 1691.674 | 2056.872 |
| Stddev    | 8.929    | 66.06    | 161.037  | 4.710    | 7.554    |
| %RSD      | .4501776 | .2706794 | 6.230395 | .2784033 | .3672644 |
| #1        | 1976.613 | 24479.21 | 2448.365 | 1696.261 | 2051.966 |
| #2        | 1993.505 | 24379.09 | 2762.381 | 1691.911 | 2065.571 |
| #3        | 1980.041 | 24354.51 | 2543.369 | 1686.851 | 2053.079 |

Sample Name: P5233-10      Acquired: 12/20/2024 19:55:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0783813 | -.066090 | .4224285 | .0799618 | .0321619 | 60.51920 | .6032639 |
| Stddev | .0049889 | .004643  | .0015563 | .0070699 | .0019257 | .17843   | .0026275 |
| %RSD   | 6.364923 | 7.025581 | .3684243 | 8.841626 | 5.987393 | .2948403 | .4355423 |
| #1     | .0749945 | -.062943 | .4235836 | .0718401 | .0325929 | 60.42683 | .6022470 |
| #2     | .0841103 | -.071422 | .4230432 | .0833062 | .0338355 | 60.40588 | .6012969 |
| #3     | .0760390 | -.063903 | .4206587 | .0847389 | .0300573 | 60.72488 | .6062479 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081444 | .0047811 | 197.7338 | .2641435 | .0997263 | .1804953 | 199.0801 |
| Stddev | .0000090 | .0000317 | .0171    | .0014638 | .0006123 | .0047324 | .6650    |
| %RSD   | .1107138 | .6628211 | .0086523 | .5541648 | .6140127 | 2.621890 | .3340245 |
| #1     | .0081547 | .0047921 | 197.7255 | .2629122 | .0993364 | .1825882 | 198.4727 |
| #2     | .0081401 | .0048058 | 197.7224 | .2657619 | .0994103 | .1750773 | 198.9768 |
| #3     | .0081383 | .0047453 | 197.7535 | .2637563 | .1004320 | .1838204 | 199.7906 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.939366 | 88.61282 | .2235056 | .0144008 | .6584948 | .1984686 | .6317389 |
| Stddev | .022652  | .41554   | .0008046 | .0016362 | 1.157448 | .0044142 | .0093772 |
| %RSD   | .4586107 | .4689345 | .3599741 | 11.36222 | 175.7717 | 2.224143 | 1.484339 |
| #1     | 4.930741 | 88.41401 | .2227815 | .0162866 | 1.545209 | .1953657 | .6236163 |
| #2     | 4.922293 | 88.33403 | .2243717 | .0135576 | -.650881 | .1965180 | .6295996 |
| #3     | 4.965064 | 89.09041 | .2233635 | .0133581 | 1.081157 | .2035221 | .6420009 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.462208 | 4.049647 | .0966238 | .0161627 | 4.174956 | 9.164636 | .0336311 |
| Stddev | .086898  | .015722  | .0040960 | .0003599 | .014776  | .022672  | .0010456 |
| %RSD   | 1.344715 | .3882394 | 4.239090 | 2.226814 | .3539079 | .2473852 | 3.108970 |
| #1     | 6.546925 | 4.032885 | .0963978 | .0164440 | 4.158442 | 9.138998 | .0332845 |
| #2     | 6.373281 | 4.064066 | .0926456 | .0157571 | 4.179501 | 9.182040 | .0328028 |
| #3     | 6.466419 | 4.051990 | .1008282 | .0162869 | 4.186924 | 9.172871 | .0348060 |



Sample Name: P5233-10      Acquired: 12/20/2024 19:55:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.187289 | .0953283 | .0983849 |
| Stddev | .003446  | .0008953 | .0020437 |
| %RSD   | .2902110 | .9391766 | 2.077203 |
| #1     | 1.187125 | .0949943 | .0992744 |
| #2     | 1.183928 | .0946480 | .0960472 |
| #3     | 1.190814 | .0963426 | .0998331 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1970.766 | 24253.00 | 2556.573 | 1684.602 | 2043.270 |
| Stddev    | 3.209    | 64.95    | 8.385    | 10.053   | 4.839    |
| %RSD      | .1628137 | .2678206 | .3279949 | .5967518 | .2368484 |
| #1        | 1972.617 | 24327.04 | 2565.937 | 1695.567 | 2046.353 |
| #2        | 1972.620 | 24205.59 | 2549.758 | 1675.819 | 2045.765 |
| #3        | 1967.061 | 24226.39 | 2554.023 | 1682.422 | 2037.692 |

Sample Name: P5233-11      Acquired: 12/20/2024 19:59:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1242967 | -.133982 | .4708794 | .1740756 | .0704163 | 99.46637 | .7741459 |
| Stddev | .0034656 | .005485  | .0039338 | .0018517 | .0033905 | 1.23765  | .0088360 |
| %RSD   | 2.788190 | 4.093848 | .8354101 | 1.063731 | 4.814951 | 1.244287 | 1.141390 |
| #1     | .1282677 | -.139627 | .4682475 | .1760345 | .0739362 | 99.75588 | .7752279 |
| #2     | .1227407 | -.128673 | .4754015 | .1723539 | .0701407 | 98.10963 | .7648187 |
| #3     | .1218819 | -.133646 | .4689892 | .1738385 | .0671720 | 100.5336 | .7823911 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139003 | .0058700 | 157.7441 | .8452662 | .1277047 | .1743478 | 361.5121 |
| Stddev | .0002755 | .0000786 | 2.0894   | .0066207 | .0009705 | .0027347 | 3.9347   |
| %RSD   | 1.981654 | 1.338473 | 1.324543 | .7832729 | .7599340 | 1.568540 | 1.088400 |
| #1     | .0141292 | .0059604 | 157.6759 | .8507283 | .1284633 | .1741760 | 362.3208 |
| #2     | .0135946 | .0058319 | 155.6897 | .8471676 | .1266111 | .1717031 | 357.2358 |
| #3     | .0139770 | .0058178 | 159.8668 | .8379028 | .1280398 | .1771644 | 364.9796 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.91485 | 58.37935 | .2770963 | .0263556 | .5966733 | .4474110 | .6076115 |
| Stddev | .19004   | .77606   | .0017671 | .0010708 | .6689704 | .0072095 | .0032429 |
| %RSD   | 1.123501 | 1.329348 | .6377050 | 4.062952 | 112.1167 | 1.611371 | .5337111 |
| #1     | 16.94293 | 58.50789 | .2752094 | .0274208 | 1.368006 | .4483725 | .6071621 |
| #2     | 16.71234 | 57.54705 | .2773673 | .0252793 | .247135  | .4397691 | .6110557 |
| #3     | 17.08930 | 59.08313 | .2787122 | .0263666 | .174878  | .4540915 | .6046168 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.407859 | 6.052981 | .1407979 | .0300418 | 3.959670 | 10.17677 | .0313712 |
| Stddev | .168237  | .023588  | .0033593 | .0003765 | .019895  | .09557   | .0019895 |
| %RSD   | 1.788255 | .3896939 | 2.385902 | 1.253094 | .5024490 | .9391133 | 6.341939 |
| #1     | 9.494157 | 6.043230 | .1407737 | .0304515 | 3.950615 | 10.26471 | .0332644 |
| #2     | 9.213985 | 6.035832 | .1374508 | .0299628 | 3.945914 | 10.07506 | .0292976 |
| #3     | 9.515435 | 6.079881 | .1441693 | .0297111 | 3.982483 | 10.19055 | .0315514 |

Sample Name: P5233-11      Acquired: 12/20/2024 19:59:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.593656 | -.089583 | .1347921 |
| Stddev | .019110  | .001256  | .0022420 |
| %RSD   | 1.199099 | 1.402497 | 1.663312 |
| #1     | 1.596290 | -.089744 | .1324270 |
| #2     | 1.573366 | -.088254 | .1350629 |
| #3     | 1.611312 | -.090752 | .1368864 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2062.543 | 25321.30 | 2663.851 | 1755.222 | 2078.221 |
| Stddev    | 2.262    | 74.91    | 28.521   | 1.835    | 4.448    |
| %RSD      | .1096792 | .2958250 | 1.070684 | .1045360 | .2140179 |
| #1        | 2059.979 | 25257.95 | 2649.366 | 1753.746 | 2078.101 |
| #2        | 2064.258 | 25301.97 | 2696.709 | 1754.644 | 2082.728 |
| #3        | 2063.392 | 25403.98 | 2645.479 | 1757.277 | 2073.835 |

Sample Name: P5233-12      Acquired: 12/20/2024 20:03:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0958407 | -.109547 | .3364185 | .1268756 | .0529428 | 72.37326 | .6080875 |
| Stddev | .0014246 | .004399  | .0056065 | .0018701 | .0016686 | .49899   | .0036469 |
| %RSD   | 1.486468 | 4.016052 | 1.666535 | 1.474005 | 3.151688 | .6894619 | .5997380 |
| #1     | .0960735 | -.112573 | .3322608 | .1248191 | .0510306 | 71.86547 | .6038904 |
| #2     | .0971346 | -.104500 | .3427948 | .1284745 | .0541032 | 72.39137 | .6098885 |
| #3     | .0943139 | -.111568 | .3341998 | .1273331 | .0536947 | 72.86295 | .6104835 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108588 | .0036681 | 91.23675 | .3561533 | .0952848 | .1631204 | 269.2859 |
| Stddev | .0002526 | .0002770 | .74044   | .0022628 | .0017363 | .0041925 | 1.3583   |
| %RSD   | 2.326472 | 7.552883 | .8115535 | .6353503 | 1.822175 | 2.570157 | .5044001 |
| #1     | .0105672 | .0035602 | 90.57677 | .3573804 | .0938778 | .1593454 | 268.3045 |
| #2     | .0110116 | .0039829 | 91.09603 | .3575375 | .0972251 | .1623833 | 268.7171 |
| #3     | .0109975 | .0034613 | 92.03744 | .3535420 | .0947514 | .1676325 | 270.8361 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.291818 | 35.51333 | .1988311 | .0197448 | .6396222 | .2571903 | .4794084 |
| Stddev | .039913  | .25010   | .0045169 | .0008193 | .2397162 | .0060077 | .0089895 |
| %RSD   | .6343643 | .7042566 | 2.271703 | 4.149252 | 37.47778 | 2.335903 | 1.875127 |
| #1     | 6.252078 | 35.22998 | .1961689 | .0190148 | .5009086 | .2515564 | .4896642 |
| #2     | 6.291475 | 35.60662 | .2040463 | .0195886 | .9164224 | .2565020 | .4756678 |
| #3     | 6.331902 | 35.70337 | .1962780 | .0206309 | .5015357 | .2635125 | .4728932 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.728343 | 4.988681 | .1182477 | .0272932 | 3.549688 | 10.26897 | .0252373 |
| Stddev | .030124  | .084831  | .0017538 | .0005016 | .060719  | .03711   | .0003294 |
| %RSD   | .3897896 | 1.700467 | 1.483192 | 1.837922 | 1.710537 | .3613953 | 1.305051 |
| #1     | 7.756323 | 4.930801 | .1173880 | .0268400 | 3.503404 | 10.22705 | .0249548 |
| #2     | 7.732251 | 5.086058 | .1202655 | .0278322 | 3.618438 | 10.28227 | .0251580 |
| #3     | 7.696455 | 4.949183 | .1170895 | .0272073 | 3.527222 | 10.29760 | .0255990 |

Sample Name: P5233-12      Acquired: 12/20/2024 20:03:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.185939 | -.031600 | .0986796 |
| Stddev | .006095  | .000607  | .0003816 |
| %RSD   | .5139188 | 1.922029 | .3866668 |
| #1     | 1.179958 | -.032247 | .0987353 |
| #2     | 1.192141 | -.031042 | .0982733 |
| #3     | 1.185717 | -.031510 | .0990303 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1978.813 | 24416.92 | 2552.901 | 1696.866 | 2092.315 |
| Stddev    | 37.207   | 81.36    | 10.444   | 11.567   | 38.370   |
| %RSD      | 1.880262 | .3332220 | .4091040 | .6816457 | 1.833833 |
| #1        | 2005.053 | 24358.83 | 2564.823 | 1690.106 | 2117.273 |
| #2        | 1936.232 | 24382.03 | 2545.364 | 1690.271 | 2048.133 |
| #3        | 1995.154 | 24509.91 | 2548.517 | 1710.222 | 2111.538 |

Sample Name: P5233-13      Acquired: 12/20/2024 20:07:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1188527 | -.136979 | .4398295 | .1604759 | .0662934 | 87.77082 | .7494581 |
| Stddev | .0018555 | .002359  | .0045467 | .0049901 | .0006790 | .35533   | .0036642 |
| %RSD   | 1.561142 | 1.722412 | 1.033739 | 3.109553 | 1.024245 | .4048427 | .4889124 |
| #1     | .1187172 | -.138425 | .4446359 | .1642926 | .0666087 | 88.15855 | .7536305 |
| #2     | .1207722 | -.138255 | .4355969 | .1623059 | .0655140 | 87.46071 | .7479798 |
| #3     | .1170687 | -.134256 | .4392557 | .1548291 | .0667574 | 87.69322 | .7467639 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133545 | .0048116 | 103.2072 | .4468013 | .1133747 | .1873472 | 328.1955 |
| Stddev | .0003281 | .0001734 | .4755    | .0176223 | .0001027 | .0021953 | .9560    |
| %RSD   | 2.456811 | 3.604683 | .4606764 | 3.944093 | .0905928 | 1.171786 | .2912787 |
| #1     | .0135270 | .0046130 | 103.7261 | .4668839 | .1134856 | .1898730 | 329.2583 |
| #2     | .0135605 | .0049329 | 102.7924 | .4395988 | .1133555 | .1858984 | 327.9221 |
| #3     | .0129762 | .0048891 | 103.1032 | .4339211 | .1132829 | .1862703 | 327.4060 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.176334 | 42.23441 | .2522418 | .0231569 | .5672968 | .3080533 | .6112677 |
| Stddev | .026936  | .16833   | .0011544 | .0004727 | .3627318 | .0039722 | .0255456 |
| %RSD   | .3753491 | .3985707 | .4576631 | 2.041227 | 63.94039 | 1.289460 | 4.179118 |
| #1     | 7.206792 | 42.41504 | .2515082 | .0231821 | .1670761 | .3098402 | .6405681 |
| #2     | 7.166564 | 42.08192 | .2516447 | .0226721 | .8743739 | .3035014 | .5936695 |
| #3     | 7.155646 | 42.20627 | .2535725 | .0236165 | .6604404 | .3108181 | .5995654 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.914972 | 6.382939 | .1402496 | .0323848 | 4.692477 | 10.58909 | .0319968 |
| Stddev | .086041  | .019518  | .0030488 | .0006664 | .018990  | .03289   | .0017662 |
| %RSD   | .8677885 | .3057874 | 2.173863 | 2.057860 | .4046811 | .3106404 | 5.519779 |
| #1     | 9.993357 | 6.393538 | .1369947 | .0324038 | 4.695142 | 10.62417 | .0327392 |
| #2     | 9.822912 | 6.360414 | .1407153 | .0317091 | 4.672296 | 10.58419 | .0299806 |
| #3     | 9.928646 | 6.394864 | .1430388 | .0330415 | 4.709993 | 10.55893 | .0332706 |

Sample Name: P5233-13      Acquired: 12/20/2024 20:07:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.303119 | -.043598 | .1174363 |
| Stddev | .004491  | .000372  | .0007469 |
| %RSD   | .3446698 | .8528067 | .6360252 |
| #1     | 1.306001 | -.043526 | .1177216 |
| #2     | 1.297943 | -.043267 | .1179985 |
| #3     | 1.305411 | -.044000 | .1165887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2036.598 | 24927.11 | 2633.615 | 1727.810 | 2101.889 |
| Stddev    | 7.286    | 776.60   | 6.314    | 52.458   | 4.325    |
| %RSD      | .3577717 | 3.115502 | .2397587 | 3.036078 | .2057804 |
| #1        | 2032.462 | 24032.87 | 2639.209 | 1667.258 | 2098.641 |
| #2        | 2045.011 | 25316.24 | 2634.867 | 1756.728 | 2106.798 |
| #3        | 2032.320 | 25432.22 | 2626.768 | 1759.445 | 2100.228 |

Sample Name: P5233-14      Acquired: 12/20/2024 20:11:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1329248 | -.169062 | .4805408 | .1901028 | .0822300 | 88.94610 | .8325763 |
| Stddev | .0056175 | .004186  | .0044102 | .0009556 | .0017942 | .07115   | .0011856 |
| %RSD   | 4.226093 | 2.476179 | .9177547 | .5026833 | 2.181955 | .0799964 | .1424045 |
| #1     | .1366863 | -.173465 | .4764162 | .1902187 | .0811201 | 88.86468 | .8327905 |
| #2     | .1356206 | -.165132 | .4800166 | .1890945 | .0843000 | 88.99636 | .8312982 |
| #3     | .1264675 | -.168588 | .4851897 | .1909952 | .0812700 | 88.97727 | .8336402 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0142696 | .0052845 | 110.6064 | .4868295 | .1153178 | .2634264 | 391.8643 |
| Stddev | .0001142 | .0001622 | .2210    | .0029328 | .0006101 | .0069864 | .8430    |
| %RSD   | .8005515 | 3.069524 | .1998400 | .6024328 | .5290912 | 2.652128 | .2151307 |
| #1     | .0141437 | .0051925 | 110.7796 | .4894458 | .1146380 | .2707117 | 391.8943 |
| #2     | .0143665 | .0051892 | 110.3574 | .4873834 | .1154974 | .2567832 | 391.0067 |
| #3     | .0142987 | .0054718 | 110.6821 | .4836592 | .1158179 | .2627843 | 392.6919 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.465639 | 44.68537 | .2715380 | .0287251 | .4895909 | .3251371 | 1.011232 |
| Stddev | .006575  | .17478   | .0039730 | .0004386 | .5153264 | .0074408 | .006416  |
| %RSD   | .0776622 | .3911440 | 1.463166 | 1.526730 | 105.2565 | 2.288498 | .6344433 |
| #1     | 8.458827 | 44.50196 | .2686621 | .0286195 | .0278952 | .3307688 | 1.017462 |
| #2     | 8.466142 | 44.70412 | .2698804 | .0292068 | .3953402 | .3167018 | 1.004646 |
| #3     | 8.471947 | 44.85002 | .2760714 | .0283490 | 1.045537 | .3279406 | 1.011588 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.590782 | 5.877463 | .1480109 | .0431890 | 4.706879 | 10.45976 | .0370948 |
| Stddev | .163864  | .071534  | .0026891 | .0005267 | .052256  | .04173   | .0005072 |
| %RSD   | 1.708552 | 1.217095 | 1.816835 | 1.219559 | 1.110198 | .3989981 | 1.367316 |
| #1     | 9.776188 | 5.815805 | .1510456 | .0430878 | 4.660745 | 10.46091 | .0376795 |
| #2     | 9.530782 | 5.860692 | .1470627 | .0437590 | 4.696266 | 10.50091 | .0367747 |
| #3     | 9.465375 | 5.955894 | .1459243 | .0427202 | 4.763627 | 10.41746 | .0368300 |



Sample Name: P5233-14      Acquired: 12/20/2024 20:11:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.312013 | -.160808 | .1228787 |
| Stddev | .002647  | .000367  | .0028154 |
| %RSD   | .2017312 | .2284188 | 2.291219 |
| #1     | 1.308992 | -.160867 | .1203658 |
| #2     | 1.313120 | -.160415 | .1259214 |
| #3     | 1.313926 | -.161142 | .1223489 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2006.027 | 24856.03 | 2590.215 | 1723.079 | 2092.796 |
| Stddev    | 18.959   | 67.72    | 5.270    | 6.138    | 22.191   |
| %RSD      | .9451223 | .2724437 | .2034736 | .3562167 | 1.060361 |
| #1        | 2019.799 | 24777.84 | 2596.156 | 1716.134 | 2108.268 |
| #2        | 2013.878 | 24895.71 | 2588.388 | 1727.777 | 2102.748 |
| #3        | 1984.403 | 24894.55 | 2586.102 | 1725.325 | 2067.370 |

Sample Name: P5233-15      Acquired: 12/20/2024 20:15:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0983154 | -.116483 | .9391186 | .1370089 | .0584171 | 110.6809 | .6985239 |
| Stddev | .0007119 | .001754  | .0081397 | .0057645 | .0033972 | .7279    | .0029703 |
| %RSD   | .7241030 | 1.505597 | .8667351 | 4.207363 | 5.815382 | .6576353 | .4252220 |
| #1     | .0982506 | -.114463 | .9465112 | .1304415 | .0546399 | 109.9490 | .6973443 |
| #2     | .0976381 | -.117619 | .9303957 | .1393540 | .0612225 | 110.6890 | .6963247 |
| #3     | .0990575 | -.117366 | .9404489 | .1412312 | .0593888 | 111.4047 | .7019028 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131202 | .0108007 | 115.2872 | .3224334 | .1331870 | .2229562 | 284.3563 |
| Stddev | .0001911 | .0003175 | .7120    | .0030739 | .0016075 | .0008328 | 1.8426   |
| %RSD   | 1.456731 | 2.939742 | .6176110 | .9533445 | 1.206917 | .3735236 | .6479977 |
| #1     | .0132739 | .0111019 | 114.5438 | .3212224 | .1344578 | .2221164 | 282.5091 |
| #2     | .0129062 | .0104691 | 115.3548 | .3201493 | .1313800 | .2237818 | 284.3655 |
| #3     | .0131805 | .0108310 | 115.9630 | .3259283 | .1337231 | .2229704 | 286.1943 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.409678 | 68.04934 | .3059059 | .0224346 | 1.654925 | .3112854 | 2.015200 |
| Stddev | .015932  | .34328   | .0031749 | .0004904 | .825696  | .0047350 | .037965  |
| %RSD   | .4672597 | .5044558 | 1.037867 | 2.185952 | 49.89325 | 1.521119 | 1.883933 |
| #1     | 3.396522 | 67.65522 | .3072746 | .0218805 | 1.976722 | .3058327 | 1.971610 |
| #2     | 3.405120 | 68.28301 | .3022762 | .0228130 | .716782  | .3143606 | 2.032962 |
| #3     | 3.427392 | 68.20980 | .3081668 | .0226102 | 2.271270 | .3136629 | 2.041028 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.21808 | 6.383532 | .2668900 | .0284162 | 11.06728 | 10.46280 | .0261988 |
| Stddev | .25988   | .078233  | .0027202 | .0006803 | .12118   | .08916   | .0013832 |
| %RSD   | 1.602432 | 1.225539 | 1.019213 | 2.394037 | 1.094909 | .8521202 | 5.279730 |
| #1     | 15.99950 | 6.421263 | .2637584 | .0290965 | 11.10962 | 10.49246 | .0273751 |
| #2     | 16.14930 | 6.293584 | .2686660 | .0277360 | 10.93061 | 10.36260 | .0246749 |
| #3     | 16.50543 | 6.435748 | .2682457 | .0284162 | 11.16160 | 10.53335 | .0265465 |

Sample Name: P5233-15      Acquired: 12/20/2024 20:15:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.199126 | .2339394 | .1801645 |
| Stddev | .006630  | .0012516 | .0017710 |
| %RSD   | .5528742 | .5349953 | .9830083 |
| #1     | 1.193170 | .2326294 | .1785765 |
| #2     | 1.197938 | .2340658 | .1798426 |
| #3     | 1.206269 | .2351230 | .1820744 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2020.143 | 25040.19 | 2572.994 | 1728.969 | 2097.730 |
| Stddev    | 13.841   | 181.02   | 5.735    | 21.618   | 19.341   |
| %RSD      | .6851645 | .7229311 | .2228871 | 1.250312 | .9219757 |
| #1        | 2010.242 | 25236.76 | 2571.285 | 1753.773 | 2084.027 |
| #2        | 2035.959 | 25003.47 | 2579.389 | 1718.999 | 2119.853 |
| #3        | 2014.228 | 24880.34 | 2568.308 | 1714.136 | 2089.309 |

Sample Name: P5233-16      Acquired: 12/20/2024 20:18:52      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28T0      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1386771 | -.109932 | .4323072 | .1275616 | .0505354 | 78.59390 | .5436418 |
| Stddev | .0045480 | .002175  | .0032907 | .0064109 | .0003540 | .51151   | .0042134 |
| %RSD   | 3.279574 | 1.978223 | .7611964 | 5.025764 | .7004561 | .6508301 | .7750228 |
| #1     | .1334640 | -.111552 | .4296947 | .1301893 | .0503178 | 78.01427 | .5388225 |
| #2     | .1407341 | -.110785 | .4360030 | .1322412 | .0503445 | 78.98204 | .5454743 |
| #3     | .1418332 | -.107461 | .4312240 | .1202542 | .0509438 | 78.78538 | .5466286 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105104 | .0068338 | 77.64142 | .2330189 | .1094020 | .1545997 | 265.4972 |
| Stddev | .0000466 | .0000889 | .30500   | .0087039 | .0001502 | .0054237 | 2.0738   |
| %RSD   | .4430278 | 1.300722 | .3928270 | 3.735289 | .1373295 | 3.508257 | .7811174 |
| #1     | .0104645 | .0069175 | 77.29139 | .2283648 | .1092673 | .1510860 | 263.1981 |
| #2     | .0105576 | .0067405 | 77.78286 | .2276315 | .1093746 | .1608462 | 267.2267 |
| #3     | .0105092 | .0068433 | 77.85003 | .2430604 | .1095640 | .1518667 | 266.0669 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.695024 | 43.37746 | .2137116 | .0209535 | .5047766 | .2386770 | 1.879054 |
| Stddev | .023760  | .22318   | .0012006 | .0025693 | .1808685 | .0033303 | .059121  |
| %RSD   | .6430390 | .5145046 | .5617770 | 12.26190 | 35.83138 | 1.395311 | 3.146321 |
| #1     | 3.667827 | 43.16303 | .2127837 | .0225453 | .3732895 | .2408953 | 1.838880 |
| #2     | 3.711752 | 43.60846 | .2132835 | .0223257 | .7110433 | .2402883 | 1.851342 |
| #3     | 3.705494 | 43.36088 | .2150676 | .0179894 | .4299970 | .2348475 | 1.946941 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.14025 | 4.281168 | .1863900 | .0205120 | 5.227457 | 9.669826 | .0215360 |
| Stddev | .13832   | .000812  | .0046219 | .0004609 | .023192  | .086165  | .0007177 |
| %RSD   | 1.241659 | .0189555 | 2.479677 | 2.247046 | .4436662 | .8910705 | 3.332514 |
| #1     | 11.09669 | 4.281617 | .1810800 | .0204114 | 5.201865 | 9.591549 | .0217038 |
| #2     | 11.29511 | 4.281655 | .1895085 | .0201097 | 5.247084 | 9.655776 | .0221548 |
| #3     | 11.02895 | 4.280231 | .1885814 | .0210149 | 5.233422 | 9.762152 | .0207492 |

Sample Name: P5233-16      Acquired: 12/20/2024 20:18:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.096106 | .1234436 | .1506142 |
| Stddev | .013164  | .0008060 | .0055354 |
| %RSD   | 1.200978 | .6529514 | 3.675195 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.081090 | .1225155 | .1450575 |
| #2 | 1.101568 | .1239679 | .1561280 |
| #3 | 1.105659 | .1238475 | .1506571 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1944.435 | 23441.42 | 2474.776 | 1624.269 | 2115.462 |
| Stddev    | 3.088    | 661.88   | 15.117   | 47.330   | 1.729    |
| %RSD      | .1588345 | 2.823564 | .6108255 | 2.913952 | .0817499 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1946.454 | 23884.29 | 2492.227 | 1656.244 | 2116.365 |
| #2 | 1945.971 | 23759.41 | 2465.746 | 1646.666 | 2116.553 |
| #3 | 1940.880 | 22680.55 | 2466.354 | 1569.897 | 2113.468 |

Sample Name: P5233-17      Acquired: 12/20/2024 20:22:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3173129 | -.917409 | 6.537132 | 1.045265 | .5007129 | 47.45368 |
| Stddev | .0077864 | .009994  | .008663  | .000453  | .0030443 | .13848   |
| %RSD   | 2.453851 | 1.089326 | .1325265 | .0433590 | .6080013 | .2918180 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3084620 | -.916212 | 6.538542 | 1.045703 | .4996524 | 47.47293 |
| #2 | .3203691 | -.927948 | 6.527850 | 1.044798 | .5041456 | 47.58152 |
| #3 | .3231075 | -.908069 | 6.545004 | 1.045295 | .4983406 | 47.30658 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7850386 | .0403654 | .0562618 | 662.4751 | 5.893802 | .1550127 |
| Stddev | .0035784 | .0003676 | .0002746 | 2.8491   | .022309  | .0004695 |
| %RSD   | .4558232 | .9107832 | .4881435 | .4300723 | .3785149 | .3028495 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7890770 | .0407627 | .0562486 | 663.1207 | 5.919538 | .1546222 |
| #2 | .7837762 | .0402966 | .0559940 | 664.9460 | 5.879971 | .1548822 |
| #3 | .7822625 | .0400371 | .0565428 | 659.3585 | 5.881896 | .1555335 |

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .4212872 | F 2103.761 | F 94.18063 | 103.1537 | 2.196768 | .1829941 |
| Stddev | .0038042 | 6.696      | .23236     | .2429    | .003351  | .0037997 |
| %RSD   | .9029896 | .3183057   | .2467171   | .2354291 | .1525543 | 2.076385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4184041 | 2101.776 | 94.17788 | 102.9121 | 2.194573 | .1812620 |
| #2 | .4255989 | 2111.225 | 94.41435 | 103.3978 | 2.195105 | .1873512 |
| #3 | .4198587 | 2098.281 | 93.94966 | 103.1513 | 2.200625 | .1803692 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.446345 | 1.047574 | 19.05873 | 2.559875 | 8.784684 | .4542004 |
| Stddev | .649323  | .011787  | .11439   | .062324  | .011316  | .0067114 |
| %RSD   | 14.60353 | 1.125133 | .6002212 | 2.434655 | .1288206 | 1.477627 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.790662 | 1.043077 | 18.96818 | 2.622897 | 8.792337 | .4476039 |
| #2 | 5.089116 | 1.060947 | 19.02071 | 2.498273 | 8.771685 | .4539762 |
| #3 | 4.459256 | 1.038699 | 19.18729 | 2.558455 | 8.790031 | .4610210 |

Sample Name: P5233-17      Acquired: 12/20/2024 20:22:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .1102959 | 5.786013 | 8.695505 | .2323351 | 4.697475 | F -1.35298 |
| Stddev | .0002819 | .011298  | .026582  | .0015717 | .009840  | .00399     |
| %RSD   | .2556034 | .1952691 | .3056979 | .6764570 | .2094795 | .2952185   |
| #1     | .1099704 | 5.773876 | 8.715617 | .2339123 | 4.691345 | -1.35075   |
| #2     | .1104652 | 5.796226 | 8.705529 | .2323240 | 4.708825 | -1.35759   |
| #3     | .1104519 | 5.787938 | 8.665368 | .2307691 | 4.692253 | -1.35059   |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .3563186 |
| Stddev | .0026910 |
| %RSD   | .7552235 |
| #1     | .3586711 |
| #2     | .3569003 |
| #3     | .3533843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1709.792 | 21736.04 | 2375.312 | 1446.458 | 2023.169 |
| Stddev    | 6.548    | 71.28    | 5.964    | 7.875    | 5.362    |
| %RSD      | .3829706 | .3279152 | .2510872 | .5444632 | .2650482 |
| #1        | 1716.366 | 21664.78 | 2370.349 | 1446.204 | 2027.088 |
| #2        | 1709.740 | 21807.33 | 2373.658 | 1454.457 | 2025.361 |
| #3        | 1703.270 | 21736.02 | 2381.928 | 1438.712 | 2017.058 |

Sample Name: P5233-18      Acquired: 12/20/2024 20:26:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0741781 | -.059986 | .1935924 | .0787755 | .0257502 | 85.23947 | .6782171 |
| Stddev | .0013788 | .001140  | .0008695 | .0031322 | .0005936 | .46417   | .0030573 |
| %RSD   | 1.858805 | 1.900193 | .4491673 | 3.976127 | 2.305367 | .5445477 | .4507888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0746922 | -.061271 | .1935191 | .0754115 | .0257312 | 85.48987 | .6816727 |
| #2 | .0726161 | -.059098 | .1927618 | .0816080 | .0251663 | 84.70387 | .6758639 |
| #3 | .0752260 | -.059588 | .1944963 | .0793069 | .0263531 | 85.52467 | .6771146 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094367 | .0038564 | 144.8485 | .3096350 | .0990525 | .1631993 | 183.9670 |
| Stddev | .0000345 | .0001116 | .7491    | .0010145 | .0004549 | .0017177 | .8220    |
| %RSD   | .3659416 | 2.893092 | .5171954 | .3276572 | .4592080 | 1.052536 | .4468288 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094288 | .0037284 | 145.2504 | .3108019 | .0995056 | .1626576 | 184.6255 |
| #2 | .0094067 | .0039332 | 143.9842 | .3091413 | .0985959 | .1651225 | 183.0457 |
| #3 | .0094745 | .0039074 | 145.3110 | .3089618 | .0990559 | .1618176 | 184.2298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.925493 | 59.56792 | .2223341 | .0129170 | .6235726 | .2514034 | .6011505 |
| Stddev | .016045  | .23383   | .0012301 | .0003510 | 1.001282 | .0052525 | .0049772 |
| %RSD   | .4087407 | .3925509 | .5532797 | 2.717098 | 160.5718 | 2.089290 | .8279478 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.940147 | 59.73556 | .2218676 | .0130984 | -.519688 | .2461594 | .6023148 |
| #2 | 3.908348 | 59.30079 | .2214054 | .0125125 | 1.045934 | .2513865 | .6054423 |
| #3 | 3.927982 | 59.66740 | .2237292 | .0131402 | 1.344472 | .2566644 | .5956943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.005973 | 4.908766 | .0886009 | .0173595 | 3.310218 | 10.12831 | .0130416 |
| Stddev | .135782  | .006748  | .0021434 | .0003684 | .006105  | .15974   | .0016931 |
| %RSD   | 1.507686 | .1374746 | 2.419224 | 2.122486 | .1844218 | 1.577132 | 12.98222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.144588 | 4.901924 | .0861938 | .0171944 | 3.317016 | 10.29310 | .0137980 |
| #2 | 8.873214 | 4.915416 | .0893055 | .0171025 | 3.308436 | 9.97416  | .0142246 |
| #3 | 9.000118 | 4.908959 | .0903033 | .0177816 | 3.305203 | 10.11765 | .0111022 |



Sample Name: P5233-18      Acquired: 12/20/2024 20:26:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9748665 | .5412607 | .1347103 |
| Stddev | .0011055 | .0019432 | .0033953 |
| %RSD   | .1133972 | .3590219 | 2.520463 |
| #1     | .9760844 | .5430491 | .1386281 |
| #2     | .9739266 | .5391928 | .1326238 |
| #3     | .9745884 | .5415401 | .1328789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2007.820 | 24650.53 | 2596.394 | 1708.535 | 2057.505 |
| Stddev    | 3.030    | 35.25    | 20.472   | 3.924    | 2.613    |
| %RSD      | .1508863 | .1430060 | .7884890 | .2296792 | .1270132 |
| #1        | 2006.769 | 24678.89 | 2582.128 | 1712.946 | 2057.402 |
| #2        | 2011.235 | 24611.06 | 2619.851 | 1707.228 | 2060.169 |
| #3        | 2005.456 | 24661.64 | 2587.203 | 1705.432 | 2054.945 |

Sample Name: CCV082      Acquired: 12/20/2024 20:30:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV082      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.787581 | 4.759265 | 24.16313 | 4.768126 | 4.803623 | 402.7495 | 10.06096 |
| Stddev | .007576  | .006880  | .03522   | .009956  | .005889  | .7922    | .00506   |
| %RSD   | .1582452 | .1445513 | .1457720 | .2087992 | .1226003 | .1966857 | .0502708 |
| #1     | 4.794007 | 4.765593 | 24.13250 | 4.757818 | 4.797122 | 402.3210 | 10.06463 |
| #2     | 4.789509 | 4.751942 | 24.15528 | 4.777688 | 4.808601 | 402.2640 | 10.05519 |
| #3     | 4.779227 | 4.760261 | 24.20162 | 4.768871 | 4.805147 | 403.6636 | 10.06305 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5071467 | 2.428325 | 402.8537 | 15.29018 | 2.445195 | 15.04218 | 409.0547 |
| Stddev | .0014574 | .004233  | 1.3291   | .05344   | .004364  | .02829   | 1.1712   |
| %RSD   | .2873778 | .1743163 | .3299202 | .3495170 | .1784542 | .1880427 | .2863173 |
| #1     | .5054645 | 2.427281 | 403.1121 | 15.28502 | 2.442066 | 15.04225 | 408.8346 |
| #2     | .5080297 | 2.424712 | 401.4144 | 15.23951 | 2.443339 | 15.01386 | 408.0091 |
| #3     | .5079459 | 2.432983 | 404.0347 | 15.34602 | 2.450180 | 15.07043 | 410.3203 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.98870 | 404.6338 | 2.459195 | 1.283183 | 406.2870 | 2.502132 | 14.12957 |
| Stddev | .02518   | 1.0522   | .004839  | .007370  | 1.2040   | .000440  | .09094   |
| %RSD   | .1680066 | .2600478 | .1967627 | .5743276 | .2963403 | .0175883 | .6435878 |
| #1     | 14.96383 | 403.8784 | 2.456909 | 1.278909 | 406.5297 | 2.501737 | 14.15896 |
| #2     | 14.98810 | 404.1875 | 2.455921 | 1.278947 | 404.9801 | 2.502606 | 14.02757 |
| #3     | 15.01418 | 405.8357 | 2.464753 | 1.291693 | 407.3511 | 2.502054 | 14.20217 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.3892 | 4.850791 | 4.926079 | 4.742393 | 4.835763 | 4.925004 | 4.858787 |
| Stddev | .2417    | .016072  | .019371  | .007311  | .022157  | .007161  | .007440  |
| %RSD   | .1596415 | .3313335 | .3932308 | .1541576 | .4581995 | .1454004 | .1531158 |
| #1     | 151.5103 | 4.857716 | 4.907478 | 4.735957 | 4.820491 | 4.919853 | 4.854002 |
| #2     | 151.1109 | 4.832417 | 4.946137 | 4.740880 | 4.825622 | 4.921978 | 4.855001 |
| #3     | 151.5464 | 4.862239 | 4.924622 | 4.750342 | 4.861176 | 4.933181 | 4.867358 |

Sample Name: CCV082      Acquired: 12/20/2024 20:30:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV082      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.004812 | 4.772535 | 5.107992 |
| Stddev | .003458  | .009161  | .006055  |
| %RSD   | .0690936 | .1919572 | .1185327 |
| #1     | 5.002677 | 4.763793 | 5.111363 |
| #2     | 5.002958 | 4.771746 | 5.101002 |
| #3     | 5.008802 | 4.782064 | 5.111611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1518.207 | 20161.24 | 2208.054 | 1278.512 | 1748.285 |
| Stddev    | .895     | 96.56    | 5.098    | 6.936    | 3.507    |
| %RSD      | .0589287 | .4789505 | .2308805 | .5424943 | .2006098 |
| #1        | 1518.778 | 20176.79 | 2213.155 | 1276.700 | 1747.726 |
| #2        | 1518.668 | 20249.09 | 2208.048 | 1286.174 | 1752.038 |
| #3        | 1517.176 | 20057.85 | 2202.959 | 1272.661 | 1745.090 |

Sample Name: CCB082      Acquired: 12/20/2024 20:33:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB082      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000500 | .0011054 | .0045187 | -.001214 | -.001996 | .0282860 | -.000711 |
| Stddev | .001235  | .0010011 | .0004168 | .001357  | .001317  | .0194448 | .000869  |
| %RSD   | 247.0362 | 90.55967 | 9.223630 | 111.7455 | 66.01686 | 68.74353 | 122.2306 |
| #1     | .000816  | .0019823 | .0043603 | .000091  | -.000838 | .0324474 | -.000585 |
| #2     | -.001633 | .0013194 | .0049915 | -.002617 | -.003429 | .0453131 | .000088  |
| #3     | -.000683 | .0000147 | .0042044 | -.001117 | -.001719 | .0070974 | -.001635 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000180 | .0002982 | .0382883 | .0003763 | -.000011 | .0028268 | .0143311 |
| Stddev | .0001137 | .0000665 | .0255772 | .0003004 | .000237  | .0045831 | .0473547 |
| %RSD   | 631.2398 | 22.28671 | 66.80163 | 79.82536 | 2125.969 | 162.1330 | 330.4320 |
| #1     | .0001445 | .0002393 | .0206294 | .0007231 | .000002  | .0064592 | .0613155 |
| #2     | -.000076 | .0003702 | .0676194 | .0001956 | .000219  | .0043436 | -.033385 |
| #3     | -.000015 | .0002849 | .0266161 | .0002103 | -.000254 | -.002322 | .015063  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0894161 | .0006118 | .0005903 | -.407524 | .0006971 | -.001300 |
| Stddev | .001952  | .0720033 | .0006465 | .0014267 | .551806  | .0063247 | .005828  |
| %RSD   | 9064.342 | 80.52604 | 105.6780 | 241.6896 | 135.4044 | 907.2392 | 448.4423 |
| #1     | .000134  | .1525232 | .0010643 | .0010357 | -.982871 | -.001420 | -.000297 |
| #2     | .001849  | .1047411 | -.000129 | -.001006 | .117259  | -.004298 | -.007564 |
| #3     | -.002047 | .0109841 | .000900  | .001741  | -.356961 | .007809  | .003963  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.195977 | -.003080 | .0152585 | .0000143 | -.005968 | -.000701 | -.011993 |
| Stddev | .321631  | .002226  | .0036571 | .0007874 | .001835  | .000149  | .000694  |
| %RSD   | 164.1170 | 72.28524 | 23.96779 | 5505.332 | 30.74537 | 21.31427 | 5.786178 |
| #1     | .082764  | -.002170 | .0194794 | .0006371 | -.004215 | -.000590 | -.011588 |
| #2     | -.547890 | -.005617 | .0132624 | .0002765 | -.007875 | -.000870 | -.012794 |
| #3     | -.122804 | -.001452 | .0130339 | -.000871 | -.005814 | -.000642 | -.011597 |

Sample Name: CCB082      Acquired: 12/20/2024 20:33:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB082      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0017696 | .0002383 | .0179955 |
| Stddev | .0012616 | .0000714 | .0030074 |
| %RSD   | 71.29190 | 29.97442 | 16.71170 |
| #1     | .0020256 | .0001642 | .0194888 |
| #2     | .0003997 | .0002439 | .0145337 |
| #3     | .0028835 | .0003067 | .0199639 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1831.436 | 22668.44 | 2308.574 | 1561.629 | 2162.137 |
| Stddev    | 3.840    | 126.48   | 16.473   | 10.617   | 6.108    |
| %RSD      | .2096930 | .5579603 | .7135608 | .6798360 | .2824853 |
| #1        | 1828.986 | 22774.10 | 2290.044 | 1567.944 | 2161.824 |
| #2        | 1835.862 | 22702.92 | 2314.116 | 1567.570 | 2168.396 |
| #3        | 1829.459 | 22528.29 | 2321.561 | 1549.372 | 2156.192 |

Sample Name: P5233-19      Acquired: 12/20/2024 20:37:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2005393 | -.444026 | 3.431482 | .5089567 | .2392255 | 76.41443 |
| Stddev | .0013901 | .000524  | .029421  | .0058560 | .0015624 | .27936   |
| %RSD   | .6931639 | .1180618 | .8573971 | 1.150582 | .6531069 | .3655818 |
| #1     | .1994285 | -.443518 | 3.399777 | .5126290 | .2376421 | 76.62243 |
| #2     | .2000914 | -.443995 | 3.457904 | .5120376 | .2407660 | 76.52396 |
| #3     | .2020981 | -.444565 | 3.436765 | .5022034 | .2392683 | 76.09691 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.046111 | .0264670 | .0362043 | 665.7509 | 3.126197 | .1348545 |
| Stddev | .002406  | .0004134 | .0003540 | 1.6490   | .019705  | .0013617 |
| %RSD   | .2300079 | 1.561875 | .9776676 | .2476853 | .6303049 | 1.009730 |
| #1     | 1.046758 | .0261413 | .0357966 | 667.5492 | 3.113690 | .1332844 |
| #2     | 1.048127 | .0269320 | .0363835 | 665.3934 | 3.148911 | .1355672 |
| #3     | 1.043447 | .0263275 | .0364329 | 664.3100 | 3.115990 | .1357119 |

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .4152778 | F 1055.166 | F 39.15704 | 106.9835 | 1.385178 | .0819907 |
| Stddev | .0037164 | 4.737      | .18636     | .4244    | .012841  | .0014842 |
| %RSD   | .8949200 | .4488924   | .4759247   | .3967113 | .9270552 | 1.810237 |
| #1     | .4112382 | 1059.385   | 39.32169   | 107.3385 | 1.370715 | .0836780 |
| #2     | .4160435 | 1056.069   | 39.19471   | 107.0985 | 1.395238 | .0814075 |
| #3     | .4185518 | 1050.043   | 38.95472   | 106.5134 | 1.389582 | .0808867 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.692603 | .5885118 | 12.57514 | 10.94923 | 6.582133 | .4045630 |
| Stddev | .810935  | .0033978 | .02077   | .00132   | .054565  | .0092793 |
| %RSD   | 21.96106 | .5773536 | .1652053 | .0120998 | .8289893 | 2.293652 |
| #1     | 4.022485 | .5915148 | 12.55174 | 10.94960 | 6.527341 | .4047221 |
| #2     | 4.286607 | .5891971 | 12.58225 | 10.94776 | 6.636468 | .3952052 |
| #3     | 2.768716 | .5848236 | 12.59142 | 10.95034 | 6.582591 | .4137617 |

Sample Name: P5233-19      Acquired: 12/20/2024 20:37:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0670305 | 10.78031 | 8.790307 | .1509966 | 2.723864 | .4841068 |
| Stddev | .0012995 | .07947   | .109321  | .0005687 | .003450  | .0021287 |
| %RSD   | 1.938600 | .7371660 | 1.243653 | .3766190 | .1266594 | .4397182 |
| #1     | .0656300 | 10.69177 | 8.823873 | .1508994 | 2.725830 | .4848058 |
| #2     | .0681972 | 10.84546 | 8.878910 | .1504828 | 2.725883 | .4857981 |
| #3     | .0672642 | 10.80369 | 8.668139 | .1516077 | 2.719881 | .4817165 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1196534 |
| Stddev | .0010787 |
| %RSD   | .9015430 |
| #1     | .1205783 |
| #2     | .1184684 |
| #3     | .1199135 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1830.300 | 22888.70 | 2491.957 | 1551.133 | 1970.229 |
| Stddev    | 13.652   | 111.08   | 15.145   | 6.020    | 15.998   |
| %RSD      | .7458663 | .4853064 | .6077537 | .3880978 | .8119842 |
| #1        | 1843.678 | 23016.81 | 2485.293 | 1558.080 | 1985.836 |
| #2        | 1816.390 | 22830.18 | 2481.286 | 1547.870 | 1953.867 |
| #3        | 1830.833 | 22819.12 | 2509.291 | 1547.450 | 1970.985 |

Sample Name: P5233-20      Acquired: 12/20/2024 20:41:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1030405 | -.115609 | .3604075 | .1471539 | .0610531 | 80.47697 | .6695823 |
| Stddev | .0048912 | .003027  | .0009448 | .0040308 | .0004781 | .42417   | .0023188 |
| %RSD   | 4.746868 | 2.618187 | .2621576 | 2.739194 | .7831755 | .5270735 | .3463012 |
| #1     | .1066480 | -.113786 | .3593618 | .1469052 | .0605028 | 80.12625 | .6684658 |
| #2     | .1050001 | -.119103 | .3606608 | .1513033 | .0612900 | 80.94842 | .6722481 |
| #3     | .0974733 | -.113939 | .3611999 | .1432531 | .0613666 | 80.35624 | .6680331 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118792 | .0040957 | 122.0843 | .4803239 | .1112099 | .1651377 | 306.5612 |
| Stddev | .0001719 | .0001002 | .6670    | .0026017 | .0004141 | .0061503 | 1.5108   |
| %RSD   | 1.447254 | 2.445793 | .5463660 | .5416593 | .3723744 | 3.724356 | .4928131 |
| #1     | .0120242 | .0039801 | 121.6173 | .4791682 | .1108544 | .1631726 | 304.9063 |
| #2     | .0116893 | .0041554 | 122.8483 | .4785002 | .1111107 | .1602101 | 307.8667 |
| #3     | .0119242 | .0041518 | 121.7874 | .4833032 | .1116646 | .1720304 | 306.9106 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.199770 | 39.12000 | .2334670 | .0198135 | .7222322 | .3042801 | .5696304 |
| Stddev | .013592  | .15051   | .0014429 | .0007186 | .6922205 | .0070384 | .0068484 |
| %RSD   | .1477439 | .3847502 | .6180170 | 3.626861 | 95.84460 | 2.313123 | 1.202247 |
| #1     | 9.184797 | 38.95084 | .2320896 | .0197940 | .3477749 | .3039405 | .5772475 |
| #2     | 9.211330 | 39.23913 | .2349674 | .0205416 | .2979009 | .3114820 | .5676616 |
| #3     | 9.203184 | 39.17002 | .2333440 | .0191048 | 1.521021 | .2974176 | .5639821 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.003098 | 4.979242 | .1291524 | .0308603 | 3.488053 | 10.53718 | .0262805 |
| Stddev | .042648  | .023680  | .0035647 | .0009409 | .015286  | .03879   | .0009662 |
| %RSD   | .4737084 | .4755690 | 2.760094 | 3.049001 | .4382259 | .3680808 | 3.676383 |
| #1     | 8.955892 | 4.952197 | .1265065 | .0297738 | 3.471427 | 10.57779 | .0272504 |
| #2     | 9.014555 | 4.996250 | .1332061 | .0314028 | 3.501497 | 10.50052 | .0253181 |
| #3     | 9.038848 | 4.989279 | .1277447 | .0314043 | 3.491235 | 10.53322 | .0262730 |



Sample Name: P5233-20      Acquired: 12/20/2024 20:41:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.313091 | -.053520 | .1097672 |
| Stddev | .006632  | .000596  | .0053704 |
| %RSD   | .5050561 | 1.113005 | 4.892514 |
| #1     | 1.316914 | -.052970 | .1127901 |
| #2     | 1.316925 | -.054153 | .1129449 |
| #3     | 1.305433 | -.053436 | .1035667 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2007.940 | 24792.63 | 2596.956 | 1713.580 | 2094.981 |
| Stddev    | 4.053    | 59.73    | 4.541    | 4.813    | 5.512    |
| %RSD      | .2018356 | .2409273 | .1748467 | .2808826 | .2630971 |
| #1        | 2008.402 | 24847.25 | 2595.895 | 1716.209 | 2098.108 |
| #2        | 2003.676 | 24801.80 | 2593.039 | 1708.025 | 2088.617 |
| #3        | 2011.742 | 24728.85 | 2601.933 | 1716.507 | 2098.218 |

Sample Name: P5233-13LX5      Acquired: 12/20/2024 20:45:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0237060 | -.023548 | .0756269 | .0302590 | .0070925 | 17.57575 | .1467708 |
| Stddev | .0009349 | .000794  | .0026094 | .0027974 | .0020764 | .12174   | .0014833 |
| %RSD   | 3.943735 | 3.372174 | 3.450329 | 9.244862 | 29.27567 | .6926838 | 1.010608 |
| #1     | .0238737 | -.022694 | .0762614 | .0274154 | .0048081 | 17.53253 | .1471396 |
| #2     | .0226985 | -.024264 | .0778606 | .0303538 | .0076041 | 17.48151 | .1451379 |
| #3     | .0245456 | -.023687 | .0727588 | .0330078 | .0088652 | 17.71321 | .1480349 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026318 | .0009450 | 27.05968 | .1052861 | .0308144 | .0348732 | 68.04789 |
| Stddev | .0001003 | .0000512 | .18641   | .0003606 | .0001613 | .0008601 | .37734   |
| %RSD   | 3.809556 | 5.415982 | .6888775 | .3425334 | .5234280 | 2.466489 | .5545170 |
| #1     | .0027430 | .0009077 | 27.01882 | .1048939 | .0307727 | .0355032 | 67.95706 |
| #2     | .0026039 | .0010033 | 26.89709 | .1056033 | .0309924 | .0352232 | 67.72426 |
| #3     | .0025484 | .0009239 | 27.26313 | .1053611 | .0306780 | .0338933 | 68.46236 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.050583 | 8.673621 | .0458056 | .0048090 | .1293654 | .0621741 | .1335496 |
| Stddev | .013790  | .066022  | .0004362 | .0012126 | .2446726 | .0055031 | .0129918 |
| %RSD   | .6724745 | .7611814 | .9523392 | 25.21527 | 189.1330 | 8.851116 | 9.728071 |
| #1     | 2.045579 | 8.613960 | .0453195 | .0062086 | -.021643 | .0611838 | .1425305 |
| #2     | 2.039994 | 8.662351 | .0459344 | .0040726 | .411659  | .0681050 | .1186527 |
| #3     | 2.066176 | 8.744553 | .0461630 | .0041458 | -.001920 | .0572333 | .1394656 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.642588 | 1.012715 | .0266877 | .0065870 | .7066082 | 2.392569 | -.004608 |
| Stddev | .069828  | .002628  | .0021824 | .0001881 | .0020311 | .030552  | .000396  |
| %RSD   | 4.251086 | .2595424 | 8.177477 | 2.855459 | .2874368 | 1.276943 | 8.605047 |
| #1     | 1.568633 | 1.009714 | .0249247 | .0067516 | .7086364 | 2.419056 | -.004573 |
| #2     | 1.651747 | 1.014612 | .0291286 | .0066273 | .7045743 | 2.359145 | -.004230 |
| #3     | 1.707384 | 1.013818 | .0260099 | .0063820 | .7066138 | 2.399505 | -.005020 |

Sample Name: P5233-13LX5      Acquired: 12/20/2024 20:45:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2895757 | -.012482 | .0282135 |
| Stddev | .0006534 | .000474  | .0036547 |
| %RSD   | .2256401 | 3.797852 | 12.95385 |
| #1     | .2903266 | -.012432 | .0282367 |
| #2     | .2892641 | -.012979 | .0318565 |
| #3     | .2891364 | -.012035 | .0245472 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1891.568 | 23324.75 | 2400.799 | 1616.878 | 2152.119 |
| Stddev    | 7.918    | 93.74    | 19.755   | 10.750   | 9.816    |
| %RSD      | .4186126 | .4018823 | .8228584 | .6648840 | .4561315 |
| #1        | 1892.988 | 23430.08 | 2394.512 | 1628.494 | 2156.574 |
| #2        | 1883.036 | 23293.71 | 2422.932 | 1614.862 | 2140.865 |
| #3        | 1898.680 | 23250.48 | 2384.952 | 1607.279 | 2158.918 |

Sample Name: P5233-21      Acquired: 12/20/2024 20:49:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1917238 | -.033174 | .3961364 | .3007834 | .2169515 | 83.16300 | 4.376580 |
| Stddev | .0032628 | .002013  | .0009369 | .0042718 | .0025098 | .29580   | .013073  |
| %RSD   | 1.701816 | 6.068190 | .2365020 | 1.420234 | 1.156842 | .3556928 | .2986936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1889609 | -.033262 | .3971658 | .2983579 | .2176618 | 83.42514 | 4.389489 |
| #2 | .1953235 | -.031119 | .3959095 | .3057159 | .2141631 | 83.22157 | 4.376903 |
| #3 | .1908871 | -.035142 | .3953337 | .2982765 | .2190295 | 82.84229 | 4.363350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1032669 | .1002184 | 121.1267 | .8732121 | 1.079353 | .6066655 | 305.8140 |
| Stddev | .0004522 | .0000760 | .4439    | .0024848 | .002351  | .0119594 | .7580    |
| %RSD   | .4378921 | .0757874 | .3664415 | .2845632 | .2178292 | 1.971336 | .2478719 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1035587 | .1002370 | 121.5660 | .8734090 | 1.080909 | .5937710 | 306.6282 |
| #2 | .1034960 | .1002832 | 121.1356 | .8755927 | 1.076649 | .6088317 | 305.6854 |
| #3 | .1027460 | .1001348 | 120.6784 | .8706347 | 1.080503 | .6173937 | 305.1286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.06085 | 38.67287 | 1.226393 | .0883544 | .4511409 | 1.253074 | 1.335375 |
| Stddev | .03350   | .22907   | .003095  | .0014430 | .2151622 | .008550  | .011096  |
| %RSD   | .3329906 | .5923347 | .2523259 | 1.633186 | 47.69290 | .6823514 | .8309325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.09923 | 38.93734 | 1.229631 | .0878720 | .3899307 | 1.261357 | 1.337721 |
| #2 | 10.04583 | 38.53666 | 1.223465 | .0899768 | .2732160 | 1.253585 | 1.323294 |
| #3 | 10.03749 | 38.54461 | 1.226084 | .0872145 | .6902760 | 1.244279 | 1.345111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.012810 | 4.919674 | .1214543 | .0298049 | 3.429934 | 10.53105 | .0258845 |
| Stddev | .035122  | .006784  | .0035405 | .0001739 | .001767  | .06863   | .0008008 |
| %RSD   | .3896910 | .1378982 | 2.915082 | .5833264 | .0515191 | .6516957 | 3.093578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.035790 | 4.922943 | .1248456 | .0296131 | 3.429798 | 10.58494 | .0267190 |
| #2 | 9.030260 | 4.911874 | .1217359 | .0299522 | 3.428239 | 10.55444 | .0251223 |
| #3 | 8.972380 | 4.924205 | .1177815 | .0298493 | 3.431765 | 10.45379 | .0258123 |

Sample Name: P5233-21      Acquired: 12/20/2024 20:49:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28S7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.308452 | -.054974 | .1080877 |
| Stddev | .010796  | .000648  | .0042840 |
| %RSD   | .8251161 | 1.179132 | 3.963443 |
| #1     | 1.320625 | -.054230 | .1124148 |
| #2     | 1.300036 | -.055417 | .1080002 |
| #3     | 1.304696 | -.055274 | .1038482 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2005.832 | 24667.40 | 2589.531 | 1712.506 | 2096.393 |
| Stddev    | 8.524    | 44.50    | 19.494   | 4.157    | 8.466    |
| %RSD      | .4249525 | .1804059 | .7528147 | .2427495 | .4038191 |
| #1        | 1996.306 | 24625.36 | 2570.845 | 1708.209 | 2086.844 |
| #2        | 2008.452 | 24662.84 | 2588.004 | 1712.802 | 2099.359 |
| #3        | 2012.738 | 24714.01 | 2609.744 | 1716.507 | 2102.977 |

Sample Name: PB165605BL      Acquired: 12/20/2024 20:53:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS605      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040720 | .0005061 | -.000188 | .0008773 | -.002024 | -.013944 |
| Stddev | .0007295 | .0012692 | .002339  | .0020216 | .000847  | .015717  |
| %RSD   | 17.91379 | 250.7626 | 1245.671 | 230.4223 | 41.82916 | 112.7120 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0035426 | .0019618 | -.002812 | .0016671 | -.002887 | -.022046 |
| #2 | .0049041 | -.000074 | .001678  | .0023848 | -.001194 | -.023957 |
| #3 | .0037694 | -.000369 | .000570  | -.001420 | -.001991 | .004170  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001297 | .0000790 | .0000654 | -.012325 | -.000212 | -.000023 |
| Stddev | .001210  | .0001242 | .0000803 | .015934  | .000425  | .000317  |
| %RSD   | 93.27877 | 157.1217 | 122.8165 | 129.2804 | 200.8903 | 1376.639 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002522 | .0000609 | .0000933 | -.027598 | -.000413 | -.000218 |
| #2 | -.000103 | .0002113 | -.000025 | -.013576 | -.000499 | -.000194 |
| #3 | -.001265 | -.000035 | .000128  | .004197  | .000277  | .000343  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002312 | .0233911 | -.000647 | -.002997 | .0005571 | -.000009 |
| Stddev | .005194  | .0159261 | .000949  | .062110  | .0003768 | .000193  |
| %RSD   | 224.6278 | 68.08626 | 146.8076 | 2072.419 | 67.62400 | 2258.431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003171 | .0055954 | -.000142 | .049829  | .0009054 | -.000093 |
| #2 | -.007023 | .0363048 | -.000057 | -.071419 | .0006088 | -.000145 |
| #3 | .003258  | .0282730 | -.001741 | .012600  | .0001572 | .000212  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.385776 | -.003909 | -.001578 | -.305745 | -.005071 | -.001013 |
| Stddev | .969677  | .014329  | .003175  | .065187  | .002808  | .002365  |
| %RSD   | 251.3576 | 366.5360 | 201.1434 | 21.32079 | 55.38497 | 233.4934 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .384192  | -.019480 | -.004606 | -.270829 | -.002211 | -.001821 |
| #2 | -1.47477 | -.000972 | .001726  | -.265453 | -.007825 | .001650  |
| #3 | -.06675  | .008723  | -.001855 | -.380953 | -.005176 | -.002868 |

Sample Name: PB165605BL      Acquired: 12/20/2024 20:53:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS605      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0002017 | -.002673 | -.000571 | F -.013091 | .0010863 | -.000242 |
| Stddev | .0004870 | .001426  | .000695  | .001450    | .0014247 | .000181  |
| %RSD   | 241.4790 | 53.34183 | 121.7499 | 11.07680   | 131.1513 | 74.71838 |
| #1     | -.000076 | -.001046 | .000034  | -.013645   | .0023318 | -.000103 |
| #2     | -.000083 | -.003264 | -.001331 | -.014183   | .0013943 | -.000447 |
| #3     | .000764  | -.003707 | -.000417 | -.011446   | -.000467 | -.000177 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.000227 |
| Stddev | .005091  |
| %RSD   | 2245.358 |
| #1     | .004313  |
| #2     | -.005732 |
| #3     | .000739  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1848.787 | 22825.10 | 2348.983 | 1571.176 | 2169.617 |
| Stddev    | 23.552   | 182.37   | 16.775   | 15.336   | 24.255   |
| %RSD      | 1.273896 | .7989738 | .7141529 | .9760570 | 1.117961 |
| #1        | 1821.694 | 23016.77 | 2350.367 | 1583.683 | 2141.615 |
| #2        | 1860.295 | 22653.74 | 2365.024 | 1554.066 | 2183.131 |
| #3        | 1864.371 | 22804.80 | 2331.559 | 1575.779 | 2184.106 |

Sample Name: PB165605BS      Acquired: 12/20/2024 20:57:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS605      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0227316 | .0523258 | .0190673 | .0606704 | .1033338 | .4178619 |
| Stddev | .0025709 | .0031068 | .0015907 | .0032126 | .0043495 | .0111010 |
| %RSD   | 11.30967 | 5.937403 | 8.342672 | 5.295155 | 4.209174 | 2.656632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0256811 | .0488487 | .0206111 | .0620649 | .0984077 | .4166138 |
| #2 | .0215479 | .0548288 | .0174335 | .0629501 | .1066443 | .4074377 |
| #3 | .0209659 | .0533000 | .0191571 | .0569962 | .1049494 | .4295343 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4180015 | .0108465 | .0100487 | 10.27448 | .0213204 | .1022504 |
| Stddev | .0013828 | .0000353 | .0000932 | .04335   | .0003358 | .0004965 |
| %RSD   | .3308065 | .3259288 | .9279169 | .4219040 | 1.574846 | .4855650 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4172615 | .0108297 | .0099412 | 10.23033 | .0211677 | .1017328 |
| #2 | .4195968 | .0108227 | .0101074 | 10.31698 | .0217054 | .1027227 |
| #3 | .4171462 | .0108871 | .0100976 | 10.27615 | .0210881 | .1022956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0559512 | .1859048 | .0325999 | 10.58342 | .0803838 | .0205042 |
| Stddev | .0075915 | .0340186 | .0005920 | .11603   | .0006384 | .0011752 |
| %RSD   | 13.56800 | 18.29892 | 1.816087 | 1.096338 | .7941703 | 5.731564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0523750 | .2199773 | .0332818 | 10.45056 | .0804159 | .0203838 |
| #2 | .0508083 | .1857967 | .0323008 | 10.66483 | .0797299 | .0217349 |
| #3 | .0646703 | .1519404 | .0322170 | 10.63486 | .0810055 | .0193938 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.26144 | .1046276 | .1184108 | 9.507846 | .0142183 | F -.002914 |
| Stddev | .61194   | .0053713 | .0084720 | .215870  | .0026212 | .001920    |
| %RSD   | 5.963447 | 5.133771 | 7.154735 | 2.270438 | 18.43558 | 65.89793   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.56518  | .1091107 | .1266372 | 9.522296 | .0129192 | -.000749 |
| #2 | 10.71388 | .0986742 | .1097129 | 9.285114 | .0172353 | -.003581 |
| #3 | 10.50525 | .1060979 | .1188822 | 9.716127 | .0125003 | -.004411 |



Sample Name: PB165605BS      Acquired: 12/20/2024 20:57:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS605      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0190823 | .1779442 | F .4982877 | F .0000732 | .2072371 | .2139839 |
| Stddev | .0006305 | .0070723 | .0032093   | .0001829   | .0038742 | .0005713 |
| %RSD   | 3.304144 | 3.974439 | .6440623   | 249.7449   | 1.869461 | .2669840 |
| #1     | .0189639 | .1708495 | .5004967   | .0002525   | .2030957 | .2134643 |
| #2     | .0185193 | .1849939 | .4997601   | .0000804   | .2107728 | .2138918 |
| #3     | .0197635 | .1779893 | .4946065   | -.000113   | .2078427 | .2145957 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0353267 |
| Stddev | .0010434 |
| %RSD   | 2.953535 |
| #1     | .0349145 |
| #2     | .0365132 |
| #3     | .0345523 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1850.628 | 22314.05 | 2322.997 | 1549.128 | 2164.637 |
| Stddev    | 5.069    | 624.17   | 4.227    | 40.674   | 8.915    |
| %RSD      | .2738806 | 2.797227 | .1819667 | 2.625584 | .4118619 |
| #1        | 1853.176 | 22709.48 | 2319.509 | 1566.589 | 2170.034 |
| #2        | 1844.791 | 21594.49 | 2321.785 | 1502.639 | 2154.346 |
| #3        | 1853.916 | 22638.17 | 2327.698 | 1578.156 | 2169.530 |

Sample Name: P5009-01      Acquired: 12/20/2024 21:01:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1030348 | -.060015 | 1.020331 | .0765731 | .0274420   | 90.78031 |
| Stddev | .0057594 | .003320  | .004019  | .0009577 | .0005068   | .82349   |
| %RSD   | 5.589767 | 5.531497 | .3938744 | 1.250742 | 1.846663   | .9071229 |
| #1     | .0968019 | -.056446 | 1.019636 | .0765134 | .0269176   | 90.15244 |
| #2     | .1081597 | -.060588 | 1.016705 | .0756467 | .0274792   | 90.47580 |
| #3     | .1041428 | -.063011 | 1.024652 | .0775593 | .0279291   | 91.71268 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.222009 | .0090048 | .0117886 | 63.84150 | .1646998   | .1132331 |
| Stddev | .009163  | .0000387 | .0001818 | .58597   | .0007737   | .0006869 |
| %RSD   | .7498400 | .4296122 | 1.542125 | .9178517 | .4697429   | .6066605 |
| #1     | 1.215076 | .0090495 | .0117827 | 63.53391 | .1646525   | .1126470 |
| #2     | 1.218552 | .0089815 | .0116098 | 63.47338 | .1654960   | .1130633 |
| #3     | 1.232397 | .0089834 | .0119732 | 64.51722 | .1639509   | .1139890 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2458077 | 162.9729 | 5.623143 | 30.33374 | .2511244   | .0139639 |
| Stddev | .0046888 | 1.4877   | .046564  | .21803   | .0015154   | .0008700 |
| %RSD   | 1.907517 | .9128320 | .8280832 | .7187619 | .6034582   | 6.230586 |
| #1     | .2430834 | 162.2872 | 5.597207 | 30.16952 | .2510106   | .0134938 |
| #2     | .2431178 | 161.9518 | 5.595321 | 30.25060 | .2496691   | .0134301 |
| #3     | .2512218 | 164.6798 | 5.676900 | 30.58111 | .2526936   | .0149678 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1049088 | .1706662 | 1.824911 | 12.12551 | F 17.05049 | .1113723 |
| Stddev | .1104092 | .0086446 | .010233  | .17899   | .09154     | .0013550 |
| %RSD   | 105.2430 | 5.065223 | .5607227 | 1.476109 | .5368843   | 1.216639 |
| #1     | .1856215 | .1755351 | 1.826886 | 12.05231 | 17.01938   | .1102392 |
| #2     | .1500176 | .1606852 | 1.834013 | 11.99473 | 16.97855   | .1110044 |
| #3     | -.020913 | .1757783 | 1.813835 | 12.32950 | 17.15353   | .1128732 |

Sample Name: P5009-01      Acquired: 12/20/2024 21:01:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035918 | 4.578077 | 8.625171 | .0864828 | 1.017798 | .0408226 |
| Stddev | .0002307 | .025418  | .122814  | .0004444 | .011302  | .0004846 |
| %RSD   | 6.423810 | .5552013 | 1.423900 | .5138849 | 1.110468 | 1.187028 |
| #1     | .0035736 | 4.558011 | 8.593528 | .0860901 | 1.008390 | .0402632 |
| #2     | .0033708 | 4.569560 | 8.521275 | .0863932 | 1.014669 | .0411145 |
| #3     | .0038311 | 4.606659 | 8.760710 | .0869652 | 1.030335 | .0410900 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1269326 |
| Stddev | .0012744 |
| %RSD   | 1.004001 |
| #1     | .1258649 |
| #2     | .1265894 |
| #3     | .1283434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2676.711 | 33038.80 | 3439.642 | 2284.340 | 2034.115 |
| Stddev    | 3.503    | 139.78   | 40.604   | 8.219    | 8.174    |
| %RSD      | .1308634 | .4230790 | 1.180481 | .3597854 | .4018661 |
| #1        | 2678.309 | 32958.63 | 3438.482 | 2275.284 | 2036.117 |
| #2        | 2679.130 | 32957.57 | 3480.814 | 2286.410 | 2041.102 |
| #3        | 2672.694 | 33200.21 | 3399.630 | 2291.326 | 2025.125 |

Sample Name: P5009-02      Acquired: 12/20/2024 21:05:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0899185 | -.072370 | .3863045 | .0859019 | .0322260 | 112.7948 |
| Stddev | .0024691 | .002341  | .0077782 | .0019442 | .0019704 | .4691    |
| %RSD   | 2.745874 | 3.234564 | 2.013484 | 2.263277 | 6.114348 | .4159304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0874167 | -.072215 | .3791079 | .0862450 | .0308004 | 112.2531 |
| #2 | .0899853 | -.070110 | .3945565 | .0838089 | .0314031 | 113.0720 |
| #3 | .0923534 | -.074784 | .3852491 | .0876516 | .0344745 | 113.0593 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.029255 | .0099395 | .0087580 | 55.44914 | .2130340 | .1285739 |
| Stddev | .002271  | .0000505 | .0001510 | .17313   | .0022774 | .0015946 |
| %RSD   | .2206674 | .5078407 | 1.724385 | .3122284 | 1.069042 | 1.240211 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.026930 | .0099474 | .0085895 | 55.25622 | .2156425 | .1267487 |
| #2 | 1.031469 | .0099856 | .0088811 | 55.59097 | .2120185 | .1296964 |
| #3 | 1.029367 | .0098856 | .0088033 | 55.50024 | .2114410 | .1292767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1533566 | 183.5101 | 4.188263 | 39.00020 | .3034966 | .0136821 |
| Stddev | .0009405 | .7840    | .014765  | .17269   | .0052336 | .0007274 |
| %RSD   | .6132779 | .4272396 | .3525277 | .4428030 | 1.724437 | 5.316435 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1541662 | 182.6151 | 4.171495 | 38.80288 | .2978656 | .0133854 |
| #2 | .1523249 | 183.8395 | 4.199313 | 39.12380 | .3082120 | .0131498 |
| #3 | .1535786 | 184.0757 | 4.193983 | 39.07392 | .3044122 | .0145109 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4592350 | .1742295 | 2.069793 | 10.60250 | F 13.27652 | .0912658 |
| Stddev | .0521474 | .0037044 | .019525  | .10720   | .19592     | .0008884 |
| %RSD   | 11.35526 | 2.126142 | .9433532 | 1.011115 | 1.475720   | .9734058 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4068060 | .1718957 | 2.088782 | 10.48270 | 13.06175 | .0903488 |
| #2 | .5110960 | .1785008 | 2.070824 | 10.63539 | 13.44548 | .0913261 |
| #3 | .4598031 | .1722919 | 2.049772 | 10.68941 | 13.32233 | .0921225 |

Sample Name: P5009-02      Acquired: 12/20/2024 21:05:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024488 | 3.459511 | 8.079114 | .0184438 | .9448574 | -.015693 |
| Stddev | .0004569 | .049823  | .050441  | .0007546 | .0068208 | .000274  |
| %RSD   | 18.65719 | 1.440175 | .6243411 | 4.091184 | .7218920 | 1.743920 |
| #1     | .0029763 | 3.403950 | 8.038973 | .0190930 | .9405856 | -.015378 |
| #2     | .0021906 | 3.500217 | 8.062635 | .0186225 | .9527237 | -.015830 |
| #3     | .0021795 | 3.474365 | 8.135734 | .0176159 | .9412630 | -.015871 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1542896 |
| Stddev | .0028979 |
| %RSD   | 1.878220 |
| #1     | .1561880 |
| #2     | .1557268 |
| #3     | .1509540 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2831.518 | 34378.30 | 3640.804 | 2391.312 | 2035.008 |
| Stddev    | 12.465   | 359.36   | 18.832   | 27.588   | 23.345   |
| %RSD      | .4402107 | 1.045314 | .5172540 | 1.153668 | 1.147154 |
| #1        | 2839.406 | 33963.58 | 3658.650 | 2359.465 | 2058.777 |
| #2        | 2817.148 | 34597.83 | 3642.643 | 2406.574 | 2012.113 |
| #3        | 2838.000 | 34573.49 | 3621.120 | 2407.896 | 2034.132 |

Sample Name: P5009-03      Acquired: 12/20/2024 21:09:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0830516 | -.057288 | .3091808 | .0879840 | .0303222 | 89.90051 | 1.186804 |
| Stddev | .0031185 | .003068  | .0038687 | .0026638 | .0012775 | 2.81590  | .036599  |
| %RSD   | 3.754917 | 5.355841 | 1.251261 | 3.027564 | 4.212979 | 3.132239 | 3.083854 |
| #1     | .0811457 | -.060830 | .3109092 | .0856009 | .0308623 | 88.12826 | 1.164525 |
| #2     | .0866504 | -.055476 | .3118840 | .0908597 | .0288634 | 93.14749 | 1.229045 |
| #3     | .0813586 | -.055556 | .3047493 | .0874915 | .0312409 | 88.42578 | 1.166844 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076729 | .0112615 | 89.39513 | .1554939 | .1272852 | .1153936 | 180.9967 |
| Stddev | .0002344 | .0001860 | 2.95437  | .0007460 | .0002169 | .0115706 | 5.6960   |
| %RSD   | 3.054655 | 1.651278 | 3.304847 | .4797294 | .1704408 | 10.02707 | 3.146997 |
| #1     | .0076259 | .0114522 | 87.62126 | .1559551 | .1270348 | .1070793 | 177.8061 |
| #2     | .0079272 | .0110806 | 92.80563 | .1546333 | .1274163 | .1286079 | 187.5729 |
| #3     | .0074655 | .0112516 | 87.75851 | .1558934 | .1274046 | .1104935 | 177.6111 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.20850 | 37.01725 | .2681287 | .0150227 | .9092283 | .1854839 | 1.605705 |
| Stddev | .36507   | 1.17805  | .0002568 | .0015886 | .3785213 | .0068670 | .019990  |
| %RSD   | 3.257062 | 3.182443 | .0957582 | 10.57450 | 41.63105 | 3.702209 | 1.244944 |
| #1     | 11.00143 | 36.28502 | .2678449 | .0133486 | 1.271541 | .1793188 | 1.583061 |
| #2     | 11.63002 | 38.37619 | .2683450 | .0165090 | .516352  | .1928849 | 1.620907 |
| #3     | 10.99405 | 36.39056 | .2681961 | .0152106 | .939792  | .1842480 | 1.613147 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.149733 | 9.859232 | .0803307 | .0038080 | 2.236053 | 7.903522 | .0160586 |
| Stddev | .279200  | .013943  | .0023657 | .0001595 | .007660  | .207854  | .0017383 |
| %RSD   | 3.051453 | .1414254 | 2.944987 | 4.189643 | .3425554 | 2.629897 | 10.82491 |
| #1     | 8.981253 | 9.855000 | .0792345 | .0037983 | 2.238641 | 7.818859 | .0154157 |
| #2     | 9.472014 | 9.874802 | .0830457 | .0039722 | 2.242083 | 8.140347 | .0147333 |
| #3     | 8.995932 | 9.847895 | .0787120 | .0036536 | 2.227434 | 7.751361 | .0180268 |

Sample Name: P5009-03      Acquired: 12/20/2024 21:09:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.402481 | .0069426 | .1389185 |
| Stddev | .045830  | .0002138 | .0064714 |
| %RSD   | 3.267794 | 3.079625 | 4.658427 |
| #1     | 1.373932 | .0066984 | .1354434 |
| #2     | 1.455345 | .0070960 | .1463851 |
| #3     | 1.378167 | .0070336 | .1349271 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2477.169 | 30477.38 | 3142.383 | 2100.106 | 2040.309 |
| Stddev    | 3.664    | 56.92    | 76.297   | 7.149    | 6.132    |
| %RSD      | .1479184 | .1867549 | 2.427993 | .3404344 | .3005284 |
| #1        | 2479.941 | 30432.61 | 3168.560 | 2091.895 | 2046.164 |
| #2        | 2473.015 | 30541.44 | 3056.444 | 2104.948 | 2033.934 |
| #3        | 2478.552 | 30458.10 | 3202.146 | 2103.477 | 2040.830 |

Sample Name: P5009-04      Acquired: 12/20/2024 21:12:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0813433 | -.031284 | .1956788 | .0659714 | .0213110 | 69.89162 |
| Stddev | .0019481 | .006518  | .0044759 | .0046704 | .0022549 | .26156   |
| %RSD   | 2.394878 | 20.83594 | 2.287368 | 7.079498 | 10.58097 | .3742431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0816737 | -.029925 | .1905134 | .0712439 | .0204119 | 70.18083 |
| #2 | .0792512 | -.038375 | .1981109 | .0623534 | .0238768 | 69.82241 |
| #3 | .0831051 | -.025553 | .1984121 | .0643170 | .0196444 | 69.67162 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8291003 | .0059992 | .0067083 | 243.4787 | .1162766 | .1344552 |
| Stddev | .0039668 | .0000949 | .0000719 | 1.0363   | .0016116 | .0003376 |
| %RSD   | .4784479 | 1.582203 | 1.072361 | .4256081 | 1.385986 | .2510852 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8298852 | .0061085 | .0066357 | 244.6752 | .1145003 | .1340965 |
| #2 | .8326160 | .0059522 | .0067795 | 242.8908 | .1166843 | .1347667 |
| #3 | .8247998 | .0059370 | .0067097 | 242.8701 | .1176451 | .1345024 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1601031 | 161.2538 | 12.70717 | 98.69664 | .2211103 | .0134752 |
| Stddev | .0057235 | .6169    | .07398   | .24072   | .0010124 | .0005473 |
| %RSD   | 3.574864 | .3825722 | .5821555 | .2439022 | .4578787 | 4.061323 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1535028 | 161.8420 | 12.77021 | 98.81090 | .2210298 | .0132567 |
| #2 | .1636957 | 161.3076 | 12.72556 | 98.85895 | .2201406 | .0140980 |
| #3 | .1631108 | 160.6117 | 12.62573 | 98.42006 | .2221606 | .0130709 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.486148 | .1614739 | .7144347 | 7.696051 | F 12.05355 | .0705172 |
| Stddev | .737564  | .0041511 | .0200052 | .188361  | .06227     | .0023131 |
| %RSD   | 49.62923 | 2.570769 | 2.800151 | 2.447500 | .5165962   | 3.280177 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .868640  | .1573895 | .6913769 | 7.859458 | 11.98411 | .0716677 |
| #2 | 2.302853 | .1613433 | .7247533 | 7.738661 | 12.07214 | .0720294 |
| #3 | 1.286953 | .1656887 | .7271739 | 7.490036 | 12.10441 | .0678544 |



Sample Name: P5009-04      Acquired: 12/20/2024 21:12:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036913 | 2.088767 | 9.273101 | .0153619 | 1.435868 | .0981006 |
| Stddev | .0003420 | .013164  | .043918  | .0007822 | .012027  | .0006187 |
| %RSD   | 9.264400 | .6302428 | .4736086 | 5.091596 | .8376239 | .6307066 |
| #1     | .0036453 | 2.075391 | 9.318233 | .0148873 | 1.446660 | .0983172 |
| #2     | .0033747 | 2.089201 | 9.270564 | .0149338 | 1.438040 | .0985820 |
| #3     | .0040540 | 2.101709 | 9.230506 | .0162647 | 1.422902 | .0974027 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1268756 |
| Stddev | .0030396 |
| %RSD   | 2.395760 |
| #1     | .1303817 |
| #2     | .1249817 |
| #3     | .1252634 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2210.550 | 27412.29 | 2897.449 | 1894.711 | 1945.240 |
| Stddev    | 2.136    | 258.13   | 20.735   | 20.842   | 4.479    |
| %RSD      | .0966459 | .9416684 | .7156258 | 1.099993 | .2302336 |
| #1        | 2210.250 | 27696.51 | 2873.796 | 1918.634 | 1949.962 |
| #2        | 2208.579 | 27192.42 | 2906.058 | 1880.484 | 1944.704 |
| #3        | 2212.820 | 27347.94 | 2912.493 | 1885.015 | 1941.053 |

Sample Name: P5009-05      Acquired: 12/20/2024 21:16:42      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJQ3D      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0824132 | -.033333 | .1991262 | .0653161 | .0214174   | 69.87419 |
| Stddev | .0032422 | .005278  | .0038044 | .0025156 | .0019190   | .52336   |
| %RSD   | 3.934099 | 15.83305 | 1.910553 | 3.851502 | 8.959940   | .7490039 |
| #1     | .0846845 | -.028121 | .2019844 | .0624446 | .0219783   | 70.24654 |
| #2     | .0787001 | -.038674 | .1948081 | .0671316 | .0229934   | 70.10022 |
| #3     | .0838548 | -.033205 | .2005860 | .0663721 | .0192805   | 69.27580 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8281377 | .0059251 | .0067911 | 242.7860 | .1175049   | .1339611 |
| Stddev | .0079142 | .0001905 | .0002676 | 1.5154   | .0007227   | .0007685 |
| %RSD   | .9556592 | 3.215521 | 3.940245 | .6241888 | .6150548   | .5736638 |
| #1     | .8320274 | .0058603 | .0065906 | 243.8114 | .1180988   | .1342555 |
| #2     | .8333544 | .0061396 | .0066877 | 243.5012 | .1177155   | .1330890 |
| #3     | .8190314 | .0057755 | .0070949 | 241.0453 | .1167002   | .1345389 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1586178 | 160.8781 | 12.68588 | 98.53740 | .2218757   | .0133979 |
| Stddev | .0058229 | 1.3849   | .08871   | .67373   | .0007610   | .0005504 |
| %RSD   | 3.671016 | .8608397 | .6992482 | .6837256 | .3429895   | 4.107918 |
| #1     | .1528754 | 161.8295 | 12.74086 | 98.82264 | .2220832   | .0127788 |
| #2     | .1584600 | 161.5157 | 12.73324 | 99.02158 | .2210324   | .0135834 |
| #3     | .1645180 | 159.2893 | 12.58355 | 97.76797 | .2225114   | .0138316 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.437052 | .1672532 | .7175578 | 7.693396 | F 12.06074 | .0680603 |
| Stddev | .643237  | .0049889 | .0062344 | .147093  | .08784     | .0010671 |
| %RSD   | 44.76086 | 2.982852 | .8688307 | 1.911942 | .7282944   | 1.567844 |
| #1     | .991272  | .1725941 | .7103880 | 7.803775 | 12.07379   | .0668282 |
| #2     | 2.174446 | .1627131 | .7217017 | 7.750005 | 11.96710   | .0686796 |
| #3     | 1.145438 | .1664524 | .7205838 | 7.526409 | 12.14132   | .0686732 |

Sample Name: P5009-05      Acquired: 12/20/2024 21:16:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036300 | 2.081157 | 9.214721 | .0155670 | 1.436985 | .0983187 |
| Stddev | .0005403 | .018853  | .125369  | .0005615 | .011427  | .0007692 |
| %RSD   | 14.88385 | .9058933 | 1.360533 | 3.606857 | .7952116 | .7823470 |
| #1     | .0042413 | 2.084988 | 9.305770 | .0159333 | 1.445259 | .0985904 |
| #2     | .0032166 | 2.060682 | 9.266665 | .0149205 | 1.441750 | .0989152 |
| #3     | .0034321 | 2.097799 | 9.071728 | .0158470 | 1.423947 | .0974506 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1274392 |
| Stddev | .0010699 |
| %RSD   | .8395347 |
| #1     | .1286716 |
| #2     | .1268975 |
| #3     | .1267484 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2208.697 | 27163.64 | 2899.851 | 1865.807 | 1941.531 |
| Stddev    | 12.256   | 69.04    | 31.992   | 5.930    | 15.619   |
| %RSD      | .5548811 | .2541570 | 1.103231 | .3178512 | .8044924 |
| #1        | 2207.684 | 27084.00 | 2879.324 | 1859.982 | 1942.290 |
| #2        | 2221.428 | 27206.45 | 2883.516 | 1865.600 | 1956.756 |
| #3        | 2196.980 | 27200.47 | 2936.713 | 1871.838 | 1925.545 |

Sample Name: P5009-04LX5      Acquired: 12/20/2024 21:20:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0151622 | -.001612 | .0448120 | .0087486 | -.000425 | 16.96269 | .2011378 |
| Stddev | .0057372 | .002477  | .0018008 | .0011416 | .001646  | .09950   | .0018112 |
| %RSD   | 37.83892 | 153.6077 | 4.018541 | 13.04907 | 387.0089 | .5865648 | .9004714 |
| #1     | .0216722 | .001119  | .0427486 | .0095351 | -.001868 | 16.85431 | .1993495 |
| #2     | .0108439 | -.003712 | .0456205 | .0074392 | .001367  | 16.98390 | .2029711 |
| #3     | .0129705 | -.002244 | .0460668 | .0092716 | -.000775 | 17.04988 | .2010927 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015962 | .0012700 | 59.93497 | .0280294 | .0414138 | .0409364 | 39.95076 |
| Stddev | .0000862 | .0001171 | .40299   | .0004221 | .0005194 | .0075769 | .21892   |
| %RSD   | 5.403101 | 9.223433 | .6723835 | 1.505809 | 1.254291 | 18.50888 | .5479728 |
| #1     | .0015086 | .0011382 | 59.47999 | .0283076 | .0414795 | .0482866 | 39.74769 |
| #2     | .0015991 | .0013095 | 60.07791 | .0275437 | .0418972 | .0413710 | 39.92191 |
| #3     | .0016810 | .0013623 | 60.24701 | .0282368 | .0408646 | .0331516 | 40.18267 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.160678 | 24.52088 | .0427634 | .0033944 | -.548189 | .0317028 | .1844879 |
| Stddev | .023110  | .08399   | .0002978 | .0008593 | .504452  | .0026962 | .0075651 |
| %RSD   | .7311686 | .3425212 | .6964865 | 25.31612 | 92.02154 | 8.504727 | 4.100588 |
| #1     | 3.134238 | 24.42437 | .0427912 | .0043259 | -.007814 | .0290071 | .1904624 |
| #2     | 3.177022 | 24.56090 | .0424526 | .0032246 | -.630047 | .0343995 | .1759816 |
| #3     | 3.170775 | 24.57738 | .0430463 | .0026326 | -1.00671 | .0317018 | .1870198 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.511191 | 2.415306 | .0188517 | .0017526 | .4223826 | 2.329280 | -.006319 |
| Stddev | .155761  | .010720  | .0014870 | .0001531 | .0052097 | .007797  | .000881  |
| %RSD   | 10.30714 | .4438297 | 7.887705 | 8.734915 | 1.233411 | .3347194 | 13.95032 |
| #1     | 1.677203 | 2.405099 | .0193441 | .0019206 | .4240949 | 2.325877 | -.006423 |
| #2     | 1.488110 | 2.414345 | .0171810 | .0016209 | .4265206 | 2.323764 | -.007143 |
| #3     | 1.368258 | 2.426474 | .0200300 | .0017165 | .4165322 | 2.338200 | -.005390 |

Sample Name: P5009-04LX5      Acquired: 12/20/2024 21:20:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3498704 | .0234250 | .0365840 |
| Stddev | .0056291 | .0006673 | .0022832 |
| %RSD   | 1.608908 | 2.848694 | 6.241008 |
| #1     | .3433705 | .0228242 | .0349852 |
| #2     | .3531416 | .0241432 | .0355678 |
| #3     | .3530990 | .0233077 | .0391989 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1920.298 | 23570.29 | 2433.779 | 1637.373 | 2090.342 |
| Stddev    | 1.979    | 249.22   | 10.804   | 11.545   | 2.246    |
| %RSD      | .1030487 | 1.057350 | .4439335 | .7050892 | .1074600 |
| #1        | 1918.014 | 23609.60 | 2443.032 | 1634.312 | 2089.629 |
| #2        | 1921.494 | 23303.74 | 2421.905 | 1627.667 | 2088.538 |
| #3        | 1921.387 | 23797.51 | 2436.399 | 1650.140 | 2092.858 |

Sample Name: P5009-06      Acquired: 12/20/2024 21:24:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1628223 | .0545979 | .2358516 | .1965146 | .1599257   | 71.96048 |
| Stddev | .0027560 | .0029032 | .0009219 | .0020439 | .0017551   | .39240   |
| %RSD   | 1.692615 | 5.317439 | .3908681 | 1.040069 | 1.097435   | .5452962 |
| #1     | .1653516 | .0579294 | .2365627 | .1942989 | .1605071   | 71.51419 |
| #2     | .1632299 | .0526088 | .2348100 | .1969183 | .1579537   | 72.25141 |
| #3     | .1598852 | .0532557 | .2361821 | .1983264 | .1613163   | 72.11583 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.044744 | .0837084 | .1033812 | 239.6435 | .4459755   | 1.088468 |
| Stddev | .021660  | .0012337 | .0006536 | 1.8032   | .0021313   | .003586  |
| %RSD   | .5355173 | 1.473801 | .6322608 | .7524510 | .4778869   | .3294540 |
| #1     | 4.019821 | .0829818 | .1038103 | 237.6198 | .4457918   | 1.089735 |
| #2     | 4.059031 | .0851329 | .1026289 | 241.0796 | .4439420   | 1.084420 |
| #3     | 4.055379 | .0830106 | .1037042 | 240.2312 | .4481927   | 1.091248 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5301704 | 160.4419 | 13.33465 | 97.05750 | 1.198559   | .0718507 |
| Stddev | .0074541 | 1.0410   | .08013   | .62129   | .004943    | .0013413 |
| %RSD   | 1.405992 | .6488546 | .6009233 | .6401227 | .4124282   | 1.866778 |
| #1     | .5234004 | 159.3833 | 13.25232 | 96.53773 | 1.199671   | .0706331 |
| #2     | .5381586 | 161.4644 | 13.41239 | 97.74561 | 1.193155   | .0716305 |
| #3     | .5289521 | 160.4780 | 13.33925 | 96.88915 | 1.202852   | .0732884 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.257674 | .9867744 | 1.425845 | 7.663423 | F 11.93562 | .0669887 |
| Stddev | .114633  | .0127766 | .011144  | .157281  | .04619     | .0024502 |
| %RSD   | 9.114686 | 1.294784 | .7815558 | 2.052361 | .3870072   | 3.657660 |
| #1     | 1.349114 | .9722147 | 1.436819 | 7.642593 | 11.93937   | .0685004 |
| #2     | 1.129070 | .9919918 | 1.414539 | 7.830082 | 11.88767   | .0641617 |
| #3     | 1.294839 | .9961167 | 1.426177 | 7.517595 | 11.97982   | .0683040 |

Sample Name: P5009-06      Acquired: 12/20/2024 21:24:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJQ3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038097 | 2.070542 | 9.119294 | .0138257 | 1.417177 | .0956908 |
| Stddev | .0004067 | .013535  | .100602  | .0006757 | .006100  | .0005061 |
| %RSD   | 10.67664 | .6536733 | 1.103181 | 4.887184 | .4304096 | .5289078 |
| #1     | .0035246 | 2.064927 | 9.047491 | .0130685 | 1.411499 | .0955095 |
| #2     | .0042755 | 2.060719 | 9.234278 | .0143670 | 1.423626 | .0962627 |
| #3     | .0036290 | 2.085981 | 9.076112 | .0140417 | 1.416407 | .0953004 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1256155 |
| Stddev | .0073770 |
| %RSD   | 5.872671 |
| #1     | .1249517 |
| #2     | .1185929 |
| #3     | .1333020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2207.036 | 27256.11 | 2904.866 | 1877.516 | 1947.253 |
| Stddev    | 7.488    | 78.92    | 27.670   | 14.499   | 8.008    |
| %RSD      | .3392639 | .2895489 | .9525494 | .7722603 | .4112421 |
| #1        | 2199.210 | 27186.58 | 2918.046 | 1868.387 | 1942.276 |
| #2        | 2214.133 | 27341.89 | 2873.070 | 1894.235 | 1956.490 |
| #3        | 2207.764 | 27239.85 | 2923.483 | 1869.926 | 1942.992 |

Sample Name: P5009-07      Acquired: 12/20/2024 21:28:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJR8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0747468 | -.036090 | 1.069489 | .0570259 | .0189279   | 66.11068 |
| Stddev | .0034257 | .001957  | .007134  | .0010389 | .0007246   | .82465   |
| %RSD   | 4.583053 | 5.422982 | .6670208 | 1.821726 | 3.828486   | 1.247379 |
| #1     | .0713376 | -.033904 | 1.074343 | .0577769 | .0181833   | 65.17515 |
| #2     | .0747139 | -.037679 | 1.072825 | .0574604 | .0196308   | 66.73216 |
| #3     | .0781887 | -.036686 | 1.061298 | .0558403 | .0189695   | 66.42473 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9450175 | .0064145 | .0065019 | 78.58173 | .1284375   | .0940266 |
| Stddev | .0123414 | .0000750 | .0000212 | .92731   | .0008595   | .0003097 |
| %RSD   | 1.305943 | 1.169684 | .3257713 | 1.180056 | .6691917   | .3293984 |
| #1     | .9308952 | .0064824 | .0064788 | 77.51291 | .1286928   | .0943610 |
| #2     | .9537309 | .0063339 | .0065204 | 79.17197 | .1274792   | .0939693 |
| #3     | .9504263 | .0064273 | .0065065 | 79.06030 | .1291403   | .0937496 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2361982 | 127.7527 | 5.238441 | 31.16084 | .1901266   | .0103199 |
| Stddev | .0032379 | 1.4440   | .064068  | .39580   | .0010935   | .0008653 |
| %RSD   | 1.370848 | 1.130330 | 1.223043 | 1.270189 | .5751278   | 8.384517 |
| #1     | .2355338 | 126.0933 | 5.164736 | 30.75164 | .1908399   | .0098581 |
| #2     | .2333440 | 128.7237 | 5.280809 | 31.54173 | .1906723   | .0113181 |
| #3     | .2397168 | 128.4412 | 5.269778 | 31.18914 | .1888677   | .0097834 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7589180 | .1361821 | 1.848660 | 8.675520 | F 13.92361 | .0801005 |
| Stddev | .7042505 | .0033563 | .011234  | .180604  | .06041     | .0037253 |
| %RSD   | 92.79666 | 2.464580 | .6077036 | 2.081770 | .4338956   | 4.650822 |
| #1     | .0147538 | .1371894 | 1.835721 | 8.508189 | 13.98543   | .0758898 |
| #2     | .8470396 | .1324375 | 1.855938 | 8.866973 | 13.92068   | .0814437 |
| #3     | 1.414961 | .1389194 | 1.854320 | 8.651398 | 13.86471   | .0829679 |



Sample Name: P5009-07      Acquired: 12/20/2024 21:28:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJR8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049785 | 4.006753 | 9.450833 | .0749575 | 1.151533 | .0824422 |
| Stddev | .0003563 | .016317  | .026858  | .0013160 | .016088  | .0012398 |
| %RSD   | 7.155870 | .4072298 | .2841848 | 1.755627 | 1.397115 | 1.503855 |
| #1     | .0048589 | 4.024073 | 9.463791 | .0761482 | 1.134404 | .0814782 |
| #2     | .0053792 | 3.991670 | 9.468755 | .0751799 | 1.166325 | .0838408 |
| #3     | .0046975 | 4.004515 | 9.419953 | .0735446 | 1.153870 | .0820077 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1029015 |
| Stddev | .0003061 |
| %RSD   | .2974346 |
| #1     | .1027822 |
| #2     | .1026730 |
| #3     | .1032492 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2260.950 | 27831.22 | 2927.057 | 1918.662 | 2048.126 |
| Stddev    | 7.211    | 96.08    | 17.509   | 6.919    | 8.702    |
| %RSD      | .3189174 | .3452073 | .5981893 | .3605948 | .4248770 |
| #1        | 2252.859 | 27921.66 | 2937.819 | 1923.088 | 2040.018 |
| #2        | 2263.298 | 27730.36 | 2906.853 | 1910.689 | 2047.038 |
| #3        | 2266.694 | 27841.64 | 2936.498 | 1922.208 | 2057.320 |

Sample Name: P5009-08      Acquired: 12/20/2024 21:32:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJR9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1150395 | -.058912 | 1.310121 | .0814967 | .0293865   | 72.15179 |
| Stddev | .0030491 | .004269  | .001442  | .0017626 | .0005120   | .19710   |
| %RSD   | 2.650475 | 7.246240 | .1100814 | 2.162807 | 1.742304   | .2731737 |
| #1     | .1154470 | -.059345 | 1.311417 | .0812900 | .0297588   | 72.22914 |
| #2     | .1178643 | -.054443 | 1.310380 | .0833536 | .0295981   | 72.29848 |
| #3     | .1118071 | -.062948 | 1.308567 | .0798466 | .0288026   | 71.92775 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.074465 | .0079160 | .0085230 | 87.27142 | .1329459   | .1067841 |
| Stddev | .003357  | .0001137 | .0000322 | .11404   | .0011496   | .0005742 |
| %RSD   | .3124770 | 1.436862 | .3779181 | .1306783 | .8647138   | .5377074 |
| #1     | 1.077662 | .0080376 | .0085557 | 87.40147 | .1320559   | .1061969 |
| #2     | 1.074764 | .0078122 | .0085221 | 87.22430 | .1325381   | .1073443 |
| #3     | 1.070967 | .0078983 | .0084913 | 87.18848 | .1342439   | .1068112 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2826592 | 173.0388 | 6.143840 | 34.17574 | .2254754   | .0149943 |
| Stddev | .0077121 | .3653    | .011456  | .17803   | .0004680   | .0010564 |
| %RSD   | 2.728403 | .2111178 | .1864625 | .5209144 | .2075525   | 7.045013 |
| #1     | .2893806 | 173.3955 | 6.153704 | 34.38122 | .2259399   | .0152598 |
| #2     | .2843574 | 173.0556 | 6.146541 | 34.07815 | .2254824   | .0138305 |
| #3     | .2742396 | 172.6654 | 6.131275 | 34.06785 | .2250040   | .0158925 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1898355 | .1720594 | 2.116648 | 8.677571 | F 14.19094 | .0842363 |
| Stddev | .9906083 | .0034758 | .025097  | .078556  | .00998     | .0004142 |
| %RSD   | 521.8245 | 2.020133 | 1.185702 | .9052783 | .0703474   | .4917409 |
| #1     | .9597862 | .1687661 | 2.115426 | 8.766487 | 14.18127   | .0843296 |
| #2     | .5374492 | .1756927 | 2.092183 | 8.648659 | 14.19034   | .0837834 |
| #3     | -.927729 | .1717193 | 2.142333 | 8.617569 | 14.20121   | .0845959 |

Sample Name: P5009-08      Acquired: 12/20/2024 21:32:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJR9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041597 | 2.954274 | 9.580547 | .0853952 | 1.171131 | .0556360 |
| Stddev | .0004571 | .010323  | .006504  | .0007287 | .003126  | .0004441 |
| %RSD   | 10.98857 | .3494258 | .0678827 | .8533044 | .2668984 | .7982756 |
| #1     | .0045997 | 2.948762 | 9.577772 | .0852828 | 1.167524 | .0554524 |
| #2     | .0036873 | 2.947878 | 9.575892 | .0847293 | 1.173043 | .0553130 |
| #3     | .0041921 | 2.966183 | 9.587978 | .0861736 | 1.172827 | .0561425 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1103119 |
| Stddev | .0036459 |
| %RSD   | 3.305129 |
| #1     | .1061556 |
| #2     | .1129702 |
| #3     | .1118101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2322.332 | 28882.74 | 2988.899 | 1994.267 | 2069.041 |
| Stddev    | 5.866    | 157.75   | 10.755   | 5.055    | 4.344    |
| %RSD      | .2526046 | .5461791 | .3598290 | .2534863 | .2099333 |
| #1        | 2321.562 | 29047.75 | 2983.192 | 1997.435 | 2066.524 |
| #2        | 2316.889 | 28867.06 | 2982.201 | 1996.928 | 2066.541 |
| #3        | 2328.545 | 28733.42 | 3001.305 | 1988.437 | 2074.056 |

Sample Name: P5009-09      Acquired: 12/20/2024 21:36:00      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJS0      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0891648 | -.040510 | 1.049704 | .0592060 | .0200200   | 76.78852 |
| Stddev | .0077042 | .000867  | .013223  | .0030756 | .0016377   | .81752   |
| %RSD   | 8.640434 | 2.140764 | 1.259704 | 5.194703 | 8.180220   | 1.064637 |
| #1     | .0979610 | -.041284 | 1.061034 | .0561939 | .0182649   | 76.00329 |
| #2     | .0859181 | -.039573 | 1.052902 | .0623413 | .0202879   | 77.63489 |
| #3     | .0836154 | -.040673 | 1.035175 | .0590827 | .0215072   | 76.72738 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9400694 | .0071468 | .0073132 | 117.5477 | .1341526   | .1012601 |
| Stddev | .0096317 | .0000709 | .0002442 | 1.2084   | .0032023   | .0020080 |
| %RSD   | 1.024579 | .9919115 | 3.339314 | 1.028037 | 2.387059   | 1.983014 |
| #1     | .9308882 | .0070679 | .0075218 | 116.4253 | .1354544   | .1030043 |
| #2     | .9500960 | .0071671 | .0073732 | 118.8269 | .1305044   | .1017109 |
| #3     | .9392242 | .0072052 | .0070446 | 117.3909 | .1364990   | .0990650 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2472163 | 140.9795 | 5.375952 | 29.83277 | .1942895   | .0125392 |
| Stddev | .0035912 | 1.5767   | .044845  | .31329   | .0025708   | .0005789 |
| %RSD   | 1.452638 | 1.118410 | .8341856 | 1.050155 | 1.323195   | 4.616659 |
| #1     | .2469369 | 139.5356 | 5.332807 | 29.47196 | .1962519   | .0122017 |
| #2     | .2509389 | 142.6619 | 5.422323 | 30.03585 | .1952373   | .0132077 |
| #3     | .2437729 | 140.7411 | 5.372726 | 29.99050 | .1913793   | .0122083 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4518208 | .1476459 | 1.634417 | 8.097103 | F 11.70438 | .0803724 |
| Stddev | .5177361 | .0023780 | .028076  | .133104  | .13740     | .0041778 |
| %RSD   | 114.5888 | 1.610613 | 1.717785 | 1.643852 | 1.173898   | 5.198025 |
| #1     | .3773824 | .1503757 | 1.614343 | 7.979411 | 11.83146   | .0785809 |
| #2     | 1.002747 | .1465382 | 1.622409 | 8.241554 | 11.72310   | .0851472 |
| #3     | -.024667 | .1460239 | 1.666500 | 8.070343 | 11.55858   | .0773892 |

Sample Name: P5009-09      Acquired: 12/20/2024 21:36:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027731 | 2.567019 | 8.101159 | .0694343 | 1.048929 | .0833285 |
| Stddev | .0007154 | .033650  | .046206  | .0010785 | .011952  | .0009337 |
| %RSD   | 25.79800 | 1.310844 | .5703606 | 1.553313 | 1.139401 | 1.120511 |
| #1     | .0034634 | 2.596460 | 8.078978 | .0697602 | 1.037736 | .0825358 |
| #2     | .0028209 | 2.574258 | 8.070226 | .0703122 | 1.061516 | .0843577 |
| #3     | .0020350 | 2.530339 | 8.154273 | .0682303 | 1.047535 | .0830919 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1097273 |
| Stddev | .0021538 |
| %RSD   | 1.962829 |
| #1     | .1091193 |
| #2     | .1121198 |
| #3     | .1079430 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2344.372 | 29140.01 | 3032.755 | 2005.722 | 2027.913 |
| Stddev    | 6.710    | 474.93   | 15.376   | 35.010   | 17.233   |
| %RSD      | .2861996 | 1.629834 | .5069862 | 1.745513 | .8497990 |
| #1        | 2339.984 | 28970.36 | 3050.474 | 1995.318 | 2013.176 |
| #2        | 2341.035 | 29676.47 | 3022.932 | 2044.755 | 2023.701 |
| #3        | 2352.095 | 28773.20 | 3024.858 | 1977.094 | 2046.861 |

Sample Name: P5009-10      Acquired: 12/20/2024 21:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0979151 | -.062355 | .6804719 | .0764910 | .0291411   | 105.4688 |
| Stddev | .0024494 | .003445  | .0034404 | .0015828 | .0003007   | .4048    |
| %RSD   | 2.501564 | 5.524081 | .5055867 | 2.069218 | 1.031690   | .3838371 |
| #1     | .0951794 | -.060215 | .6777811 | .0749143 | .0288807   | 105.0201 |
| #2     | .0999049 | -.066328 | .6843483 | .0780797 | .0290723   | 105.8067 |
| #3     | .0986608 | -.060521 | .6792864 | .0764789 | .0294701   | 105.5796 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.118281 | .0088273 | .0094364 | 74.62803 | .1826688   | .1145678 |
| Stddev | .005179  | .0000882 | .0001501 | .34453   | .0007247   | .0005453 |
| %RSD   | .4630803 | .9989068 | 1.590765 | .4616579 | .3967265   | .4759811 |
| #1     | 1.113748 | .0087257 | .0094393 | 74.25336 | .1831837   | .1151716 |
| #2     | 1.123925 | .0088841 | .0092848 | 74.93119 | .1829826   | .1141112 |
| #3     | 1.117170 | .0088721 | .0095850 | 74.69953 | .1818401   | .1144205 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2110068 | 163.9940 | 5.075377 | 32.76146 | .2392622   | .0143954 |
| Stddev | .0002466 | .7870    | .019279  | .17453   | .0008097   | .0005088 |
| %RSD   | .1168483 | .4798923 | .3798442 | .5327181 | .3384107   | 3.534276 |
| #1     | .2108151 | 163.1221 | 5.054682 | 32.56791 | .2401954   | .0140290 |
| #2     | .2112850 | 164.6518 | 5.092828 | 32.90685 | .2388459   | .0149763 |
| #3     | .2109203 | 164.2080 | 5.078620 | 32.80961 | .2387454   | .0141809 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5437876 | .1738989 | 1.915656 | 8.052134 | F 15.68357 | .0964598 |
| Stddev | .2433021 | .0063182 | .017200  | .088811  | .01140     | .0013225 |
| %RSD   | 44.74213 | 3.633278 | .8978589 | 1.102955 | .0727093   | 1.371019 |
| #1     | .5195674 | .1716388 | 1.919626 | 8.127975 | 15.69285   | .0958187 |
| #2     | .3135013 | .1810364 | 1.930523 | 8.073995 | 15.67084   | .0979806 |
| #3     | .7982939 | .1690216 | 1.896818 | 7.954434 | 15.68702   | .0955801 |

Sample Name: P5009-10      Acquired: 12/20/2024 21:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024463 | 4.245664 | 8.225685 | .0308478 | .8833922 | .0367254 |
| Stddev | .0004050 | .012179  | .059296  | .0009814 | .0060482 | .0004465 |
| %RSD   | 16.55653 | .2868690 | .7208667 | 3.181404 | .6846547 | 1.215746 |
| #1     | .0022284 | 4.245992 | 8.157761 | .0313061 | .8766496 | .0371777 |
| #2     | .0029136 | 4.233323 | 8.267117 | .0297211 | .8883393 | .0362850 |
| #3     | .0021968 | 4.257676 | 8.252177 | .0315161 | .8851878 | .0367134 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1385189 |
| Stddev | .0026872 |
| %RSD   | 1.939965 |
| #1     | .1358265 |
| #2     | .1412009 |
| #3     | .1385294 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2656.281 | 32817.29 | 3435.067 | 2259.755 | 2033.318 |
| Stddev    | 3.176    | 133.57   | 14.728   | 15.345   | 2.573    |
| %RSD      | .1195791 | .4070043 | .4287629 | .6790417 | .1265518 |
| #1        | 2655.178 | 32672.06 | 3450.336 | 2242.355 | 2030.398 |
| #2        | 2659.861 | 32844.93 | 3420.947 | 2271.349 | 2035.253 |
| #3        | 2653.803 | 32934.87 | 3433.919 | 2265.563 | 2034.304 |

Sample Name: P5009-11      Acquired: 12/20/2024 21:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0836350 | -.074639 | .1763908 | .1230568 | .0459730 | 111.9168 | 2.050711 |
| Stddev | .0032314 | .001677  | .0060628 | .0019952 | .0049312 | .8946    | .013715  |
| %RSD   | 3.863716 | 2.247204 | 3.437131 | 1.621381 | 10.72636 | .7993605 | .6687798 |
| #1     | .0849092 | -.076467 | .1832687 | .1216248 | .0484145 | 112.2136 | 2.054860 |
| #2     | .0799607 | -.074278 | .1740821 | .1222099 | .0402973 | 110.9115 | 2.035401 |
| #3     | .0860350 | -.073171 | .1718215 | .1253358 | .0492071 | 112.6252 | 2.061873 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077336 | .0129744 | 42.89754 | .1634892 | .1516919 | .0549478 | 231.4306 |
| Stddev | .0001139 | .0002384 | .36793   | .0003067 | .0003146 | .0046084 | 1.7471   |
| %RSD   | 1.473266 | 1.837743 | .8576891 | .1876073 | .2074014 | 8.386930 | .7549159 |
| #1     | .0077487 | .0127799 | 43.04850 | .1637875 | .1514317 | .0520607 | 232.7355 |
| #2     | .0076129 | .0129029 | 42.47814 | .1631747 | .1520415 | .0525202 | 229.4457 |
| #3     | .0078393 | .0132404 | 43.16597 | .1635055 | .1516023 | .0602626 | 232.1105 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.91533 | 36.53119 | .2810976 | .0189723 | .1100683 | .1812653 | 2.659709 |
| Stddev | .15862   | .35293   | .0010378 | .0005576 | .2762178 | .0075934 | .016492  |
| %RSD   | .7964811 | .9660925 | .3692032 | 2.939204 | 250.9513 | 4.189091 | .6200793 |
| #1     | 19.99067 | 36.68455 | .2799167 | .0183321 | .3499883 | .1771822 | 2.654124 |
| #2     | 19.73308 | 36.12753 | .2815119 | .0192324 | -.191895 | .1765871 | 2.646734 |
| #3     | 20.02225 | 36.78149 | .2818644 | .0193523 | .172111  | .1900266 | 2.678269 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.542042 | 7.147805 | .0831791 | .0008822 | .8124206 | 8.738866 | .0147779 |
| Stddev | .030056  | .014389  | .0022633 | .0009925 | .0044605 | .128532  | .0015220 |
| %RSD   | .3985069 | .2013089 | 2.720991 | 112.5095 | .5490399 | 1.470810 | 10.29929 |
| #1     | 7.508538 | 7.131312 | .0806177 | .0005470 | .8086130 | 8.791592 | .0130218 |
| #2     | 7.550955 | 7.157796 | .0849092 | .0001006 | .8173282 | 8.592356 | .0155943 |
| #3     | 7.566633 | 7.154307 | .0840105 | .0019989 | .8113206 | 8.832651 | .0157175 |



Sample Name: P5009-11      Acquired: 12/20/2024 21:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.254978 | -.090725 | .1548938 |
| Stddev | .012750  | .001322  | .0027594 |
| %RSD   | 1.015934 | 1.456996 | 1.781479 |
| #1     | 1.266790 | -.092221 | .1527160 |
| #2     | 1.241462 | -.089716 | .1579970 |
| #3     | 1.256683 | -.090237 | .1539684 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2294.591 | 28105.31 | 2927.382 | 1930.472 | 2045.049 |
| Stddev    | 3.435    | 25.61    | 25.722   | 1.383    | 5.465    |
| %RSD      | .1497159 | .0911127 | .8786537 | .0716358 | .2672489 |
| #1        | 2295.746 | 28082.64 | 2912.354 | 1929.028 | 2048.926 |
| #2        | 2290.727 | 28100.20 | 2957.082 | 1931.784 | 2038.798 |
| #3        | 2297.300 | 28133.08 | 2912.711 | 1930.603 | 2047.422 |

Sample Name: P5009-12      Acquired: 12/20/2024 21:47:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888460 | -.085812 | .1826398 | .1085474 | .0433764 | 112.9871 | 1.609705 |
| Stddev | .0028476 | .005025  | .0048975 | .0039205 | .0014619 | .2720    | .003279  |
| %RSD   | 3.205046 | 5.855864 | 2.681533 | 3.611826 | 3.370192 | .2407391 | .2036767 |
| #1     | .0911829 | -.091302 | .1806715 | .1085105 | .0418693 | 113.0010 | 1.612595 |
| #2     | .0856744 | -.081440 | .1790326 | .1124863 | .0434715 | 112.7084 | 1.606142 |
| #3     | .0896809 | -.084695 | .1882153 | .1046454 | .0447884 | 113.2518 | 1.610379 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084882 | .0083984 | 44.11079 | .1634529 | .1406182 | .0538768 | 225.6133 |
| Stddev | .0000881 | .0001832 | .07222   | .0020880 | .0000601 | .0034403 | .1819    |
| %RSD   | 1.037599 | 2.180902 | .1637162 | 1.277458 | .0427426 | 6.385448 | .0806379 |
| #1     | .0084437 | .0083833 | 44.14316 | .1641081 | .1406269 | .0500734 | 225.4652 |
| #2     | .0084313 | .0082233 | 44.02805 | .1611159 | .1406735 | .0547854 | 225.5583 |
| #3     | .0085897 | .0085887 | 44.16116 | .1651348 | .1405542 | .0567716 | 225.8164 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.74208 | 38.80837 | .2541387 | .0184566 | .4305344 | .1844745 | 2.418061 |
| Stddev | .00945   | .09916   | .0010560 | .0002662 | .3165312 | .0050529 | .040755  |
| %RSD   | .0804598 | .2555041 | .4155122 | 1.442164 | 73.52054 | 2.739051 | 1.685422 |
| #1     | 11.74173 | 38.84978 | .2550673 | .0186361 | .6579820 | .1879483 | 2.390432 |
| #2     | 11.73282 | 38.88012 | .2529900 | .0181508 | .0690351 | .1867973 | 2.398884 |
| #3     | 11.75170 | 38.69523 | .2543589 | .0185829 | .5645863 | .1786780 | 2.464867 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.516050 | 8.541952 | .0779379 | .0003788 | .8019966 | 8.147384 | .0141102 |
| Stddev | .061934  | .013248  | .0056883 | .0006968 | .0029508 | .098758  | .0004973 |
| %RSD   | .7272575 | .1550913 | 7.298515 | 183.9262 | .3679326 | 1.212138 | 3.524264 |
| #1     | 8.569795 | 8.551274 | .0716308 | -.000348 | .8022485 | 8.254698 | .0145748 |
| #2     | 8.448320 | 8.526788 | .0826795 | .000443  | .7989279 | 8.060322 | .0141701 |
| #3     | 8.530035 | 8.547796 | .0795033 | .001041  | .8048133 | 8.127132 | .0135857 |

Sample Name: P5009-12      Acquired: 12/20/2024 21:47:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.287426 | -.081825 | .1617607 |
| Stddev | .003674  | .000284  | .0013352 |
| %RSD   | .2853864 | .3472031 | .8254171 |
| #1     | 1.283360 | -.081771 | .1624035 |
| #2     | 1.290508 | -.082132 | .1626530 |
| #3     | 1.288411 | -.081571 | .1602257 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2359.709 | 29153.17 | 3039.684 | 2005.081 | 2052.216 |
| Stddev    | 15.807   | 250.02   | 26.342   | 20.959   | 12.673   |
| %RSD      | .6698659 | .8576042 | .8666011 | 1.045288 | .6175515 |
| #1        | 2347.510 | 29186.75 | 3011.267 | 2001.674 | 2045.141 |
| #2        | 2354.050 | 29384.70 | 3063.287 | 2027.534 | 2044.660 |
| #3        | 2377.567 | 28888.05 | 3044.497 | 1986.034 | 2066.848 |

Sample Name: P5009-13      Acquired: 12/20/2024 21:51:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0961515 | -.080395 | .1749611 | .1116183 | .0406239 | 98.68265 | 1.773680 |
| Stddev | .0028304 | .002369  | .0001976 | .0059214 | .0020716 | .32728   | .006786  |
| %RSD   | 2.943632 | 2.946335 | .1129446 | 5.305048 | 5.099468 | .3316489 | .3826083 |
| #1     | .0959502 | -.079646 | .1751560 | .1048691 | .0384507 | 98.36697 | 1.766985 |
| #2     | .0934273 | -.078491 | .1747609 | .1140451 | .0408447 | 98.66059 | 1.773500 |
| #3     | .0990772 | -.083048 | .1749665 | .1159409 | .0425762 | 99.02041 | 1.780554 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081828 | .0101028 | 43.57436 | .1541907 | .1639801 | .0824345 | 224.7297 |
| Stddev | .0001345 | .0001444 | .12059   | .0007005 | .0018181 | .0044583 | .6998    |
| %RSD   | 1.644021 | 1.429665 | .2767395 | .4542934 | 1.108753 | 5.408358 | .3113801 |
| #1     | .0082594 | .0102621 | 43.46812 | .1539111 | .1658796 | .0838220 | 224.1175 |
| #2     | .0080275 | .0100661 | 43.54954 | .1549878 | .1622561 | .0860342 | 224.5790 |
| #3     | .0082615 | .0099803 | 43.70543 | .1536732 | .1638045 | .0774474 | 225.4925 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.37516 | 38.26428 | .2638768 | .0177373 | -.044608 | .1892666 | 1.989479 |
| Stddev | .05419   | .04891   | .0035712 | .0005792 | .769041  | .0038639 | .011649  |
| %RSD   | .3770038 | .1278211 | 1.353372 | 3.265657 | 1724.014 | 2.041510 | .5855380 |
| #1     | 14.32106 | 38.23543 | .2679780 | .0176548 | -.328329 | .1848577 | 1.977100 |
| #2     | 14.37495 | 38.23666 | .2614534 | .0172038 | .825985  | .1920636 | 2.000227 |
| #3     | 14.42945 | 38.32076 | .2621991 | .0183534 | -.631478 | .1908785 | 1.991111 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.450782 | 9.483780 | .0750801 | .0014197 | .6329451 | 9.619772 | .0137299 |
| Stddev | .100515  | .125923  | .0021099 | .0000467 | .0084650 | .045240  | .0031841 |
| %RSD   | 1.349055 | 1.327768 | 2.810201 | 3.287801 | 1.337405 | .4702836 | 23.19099 |
| #1     | 7.435882 | 9.629079 | .0726601 | .0014288 | .6426901 | 9.666629 | .0167625 |
| #2     | 7.358548 | 9.406368 | .0760470 | .0013692 | .6287305 | 9.576344 | .0104133 |
| #3     | 7.557915 | 9.415894 | .0765333 | .0014612 | .6274146 | 9.616342 | .0140139 |

Sample Name: P5009-13      Acquired: 12/20/2024 21:51:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJS4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.368715 | -.079294 | .1475069 |
| Stddev | .002548  | .000244  | .0028820 |
| %RSD   | .1861366 | .3077676 | 1.953802 |
| #1     | 1.366959 | -.079496 | .1442978 |
| #2     | 1.367549 | -.079023 | .1498743 |
| #3     | 1.371637 | -.079362 | .1483487 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2309.504 | 28550.54 | 2993.343 | 1972.054 | 2052.113 |
| Stddev    | 23.959   | 27.41    | 20.217   | 3.496    | 26.861   |
| %RSD      | 1.037414 | .0959913 | .6753863 | .1772920 | 1.308962 |
| #1        | 2282.128 | 28539.13 | 2970.150 | 1976.087 | 2021.121 |
| #2        | 2326.651 | 28581.81 | 3007.236 | 1969.887 | 2066.532 |
| #3        | 2319.732 | 28530.68 | 3002.644 | 1970.187 | 2068.686 |

Sample Name: CCV083      Acquired: 12/20/2024 21:55:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.130679 | 4.841657 | 24.94631 | 4.970703 | 4.981897 | 412.4722 | 10.28268 |
| Stddev | .008278  | .016087  | .04808   | .006187  | .009371  | 1.8403   | .06386   |
| %RSD   | .1613499 | .3322582 | .1927154 | .1244682 | .1880940 | .4461526 | .6210522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.122158 | 4.853322 | 25.00164 | 4.964575 | 4.978244 | 410.3658 | 10.20975 |
| #2 | 5.131188 | 4.823305 | 24.91478 | 4.976947 | 4.974904 | 413.7681 | 10.32859 |
| #3 | 5.138691 | 4.848343 | 24.92250 | 4.970588 | 4.992544 | 413.2826 | 10.30969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5156408 | 2.508925 | 414.0775 | 15.79901 | 2.510001 | 15.49972 | 415.9626 |
| Stddev | .0037529 | .007302  | .9149    | .11884   | .005788  | .04097   | 2.3389   |
| %RSD   | .7278095 | .2910458 | .2209401 | .7522136 | .2305901 | .2643335 | .5622896 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5168424 | 2.516815 | 413.0211 | 15.68992 | 2.516677 | 15.45244 | 413.3852 |
| #2 | .5186457 | 2.502405 | 414.5984 | 15.92565 | 2.506387 | 15.52488 | 417.9500 |
| #3 | .5114343 | 2.507556 | 414.6129 | 15.78145 | 2.506940 | 15.52183 | 416.5525 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.35009 | 411.0370 | 2.528825 | 1.329529 | 409.7406 | 2.568021 | 15.32096 |
| Stddev | .07173   | 1.7372   | .005116  | .009975  | 1.9399   | .005085  | .07627   |
| %RSD   | .4673042 | .4226428 | .2023116 | .7502751 | .4734553 | .1980241 | .4978313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.26835 | 409.0964 | 2.534637 | 1.321807 | 407.6475 | 2.564234 | 15.23294 |
| #2 | 15.40255 | 412.4472 | 2.525004 | 1.340791 | 411.4782 | 2.573801 | 15.36233 |
| #3 | 15.37936 | 411.5673 | 2.526835 | 1.325988 | 410.0960 | 2.566027 | 15.36760 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 154.6537 | 5.014053 | 5.012428 | 4.864798 | 5.068218 | 4.969762 | 5.020518 |
| Stddev | .5442    | .010360  | .025426  | .006397  | .003936  | .031396  | .019801  |
| %RSD   | .3518861 | .2066147 | .5072494 | .1314975 | .0776539 | .6317371 | .3943951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 154.0287 | 5.025056 | 5.009289 | 4.861811 | 5.068672 | 4.972270 | 5.041448 |
| #2 | 155.0228 | 5.012616 | 5.039277 | 4.860440 | 5.064075 | 4.999829 | 5.002083 |
| #3 | 154.9096 | 5.004486 | 4.988718 | 4.872142 | 5.071907 | 4.937188 | 5.018022 |

Sample Name: CCV083      Acquired: 12/20/2024 21:55:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.129337 | 4.884763 | 5.244764 |
| Stddev | .033475  | .024957  | .025438  |
| %RSD   | .6526170 | .5109128 | .4850143 |
| #1     | 5.091214 | 4.856012 | 5.215535 |
| #2     | 5.153927 | 4.900844 | 5.256861 |
| #3     | 5.142871 | 4.897432 | 5.261895 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1542.043 | 20319.58 | 2259.012 | 1288.266 | 1767.567 |
| Stddev    | 1.475    | 129.29   | 11.777   | 1.026    | 6.278    |
| %RSD      | .0956716 | .6362998 | .5213442 | .0796376 | .3551949 |
| #1        | 1541.707 | 20455.08 | 2260.798 | 1287.565 | 1760.755 |
| #2        | 1543.657 | 20197.55 | 2246.443 | 1287.790 | 1773.121 |
| #3        | 1540.764 | 20306.11 | 2269.794 | 1289.443 | 1768.826 |

Sample Name: CCB083      Acquired: 12/20/2024 21:58:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007294 | -.001201 | .0030578 | .0017750 | -.003720 | .0120415 |
| Stddev | .0028791 | .001547  | .0022156 | .0019974 | .002049  | .0181798 |
| %RSD   | 394.7270 | 128.8083 | 72.45850 | 112.5256 | 55.08654 | 150.9764 |
| #1     | -.001601 | -.001373 | .0014520 | .0016723 | -.001551 | .0205640 |
| #2     | .003948  | .000425  | .0055855 | .0038217 | -.005625 | .0243944 |
| #3     | -.000159 | -.002655 | .0021359 | -.000169 | -.003985 | -.008834 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000272 | .0000867 | .0000992 | .0316390 | -.000410 | .0002007 |
| Stddev | .002342  | .0001431 | .0000575 | .0478490 | .000301  | .0002733 |
| %RSD   | 862.2429 | 165.1824 | 57.97210 | 151.2345 | 73.44721 | 136.1810 |
| #1     | -.000763 | .0000010 | .0000336 | .0076444 | -.000617 | .0005134 |
| #2     | .002277  | .0002519 | .0001231 | .0005349 | -.000548 | .0000077 |
| #3     | -.002329 | .0000071 | .0001410 | .0867376 | -.000065 | .0000809 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000319 | .0083041 | -.000232 | .0828873 | .0005131 | .0005264 |
| Stddev | .002336  | .0175567 | .001540  | .0909702 | .0001841 | .0004839 |
| %RSD   | 733.2111 | 211.4208 | 663.1820 | 109.7517 | 35.87136 | 91.92969 |
| #1     | -.002027 | .0268125 | .000826  | .1242920 | .0003071 | .0001304 |
| #2     | .002343  | -.008114 | .000477  | -.021420 | .0006614 | .0003830 |
| #3     | -.001272 | .006213  | -.001999 | .145790  | .0005709 | .0010659 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4001026 | -.009296 | .0086687 | -.297011 | -.003285 | .0165712 |
| Stddev | .5016154 | .003339  | .0073412 | .132452  | .003210  | .0007273 |
| %RSD   | 125.3717 | 35.92316 | 84.68680 | 44.59497 | 97.72879 | 4.388890 |
| #1     | .9336982 | -.013028 | .0076031 | -.377991 | -.006989 | .0173891 |
| #2     | -.061823 | -.008269 | .0019185 | -.368882 | -.001574 | .0159974 |
| #3     | .328433  | -.006591 | .0164845 | -.144159 | -.001292 | .0163270 |



Sample Name: CCB083      Acquired: 12/20/2024 21:58:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0000220 | -.006052 | -.000116 | F -.013348 | .0020664 | .0003563 |
| Stddev | .0004533 | .004735  | .000932  | .000519    | .0033646 | .0000573 |
| %RSD   | 2062.253 | 78.23486 | 805.9037 | 3.888362   | 162.8236 | 16.06980 |
| #1     | -.000460 | -.000604 | .000811  | -.013947   | -.000639 | .0004224 |
| #2     | .000085  | -.008382 | -.000106 | -.013026   | .001004  | .0003239 |
| #3     | .000440  | -.009171 | -.001052 | -.013071   | .005834  | .0003226 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0127877 |
| Stddev | .0030575 |
| %RSD   | 23.90983 |
| #1     | .0153413 |
| #2     | .0136222 |
| #3     | .0093996 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1851.656 | 22712.56 | 2332.963 | 1576.347 | 2170.293 |
| Stddev    | 3.924    | 89.32    | 5.672    | 6.392    | 1.623    |
| %RSD      | .2119304 | .3932634 | .2431389 | .4055255 | .0747730 |
| #1        | 1855.863 | 22815.22 | 2326.446 | 1583.700 | 2171.653 |
| #2        | 1851.013 | 22652.63 | 2336.789 | 1573.231 | 2170.729 |
| #3        | 1848.094 | 22669.84 | 2335.653 | 1572.110 | 2168.497 |

Sample Name: P5009-14      Acquired: 12/20/2024 22:02:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0891717 | -.087609 | .1994023 | .1001324 | .0390151   | 82.06357 |
| Stddev | .0044447 | .003876  | .0032679 | .0039164 | .0005151   | .47433   |
| %RSD   | 4.984457 | 4.424486 | 1.638863 | 3.911250 | 1.320225   | .5780005 |
| #1     | .0940999 | -.091474 | .1973662 | .1028606 | .0387821   | 82.37010 |
| #2     | .0879487 | -.083722 | .2031717 | .0956449 | .0386576   | 81.51722 |
| #3     | .0854666 | -.087632 | .1976689 | .1018919 | .0396055   | 82.30339 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6683138 | .0084819 | .0062565 | 47.80424 | .1342483   | .1144855 |
| Stddev | .0042910 | .0000525 | .0000308 | .19773   | .0008090   | .0001968 |
| %RSD   | .6420639 | .6185989 | .4919964 | .4136224 | .6026198   | .1719399 |
| #1     | .6716477 | .0084753 | .0062229 | 47.99121 | .1333943   | .1142584 |
| #2     | .6634725 | .0085373 | .0062633 | 47.59728 | .1350031   | .1145901 |
| #3     | .6698213 | .0084330 | .0062833 | 47.82423 | .1343474   | .1146080 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0854493 | 209.3305 | 5.010132 | 33.69676 | .2039361   | .0149087 |
| Stddev | .0033663 | 1.3384   | .030538  | .05707   | .0021190   | .0010197 |
| %RSD   | 3.939480 | .6393751 | .6095172 | .1693515 | 1.039063   | 6.839888 |
| #1     | .0823159 | 210.6055 | 5.038242 | 33.75326 | .2029242   | .0160854 |
| #2     | .0890080 | 207.9366 | 4.977640 | 33.63914 | .2063713   | .0142840 |
| #3     | .0850240 | 209.4494 | 5.014512 | 33.69788 | .2025126   | .0143566 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4865048 | .1901632 | 1.545899 | 7.692359 | F 13.99332 | .0825425 |
| Stddev | .4023747 | .0020167 | .003285  | .179827  | .04466     | .0024039 |
| %RSD   | 82.70724 | 1.060522 | .2124939 | 2.337738 | .3191178   | 2.912274 |
| #1     | .7895762 | .1887490 | 1.547006 | 7.886489 | 13.95243   | .0853167 |
| #2     | .6399546 | .1892681 | 1.542203 | 7.531475 | 14.04097   | .0810761 |
| #3     | .0299836 | .1924726 | 1.548487 | 7.659113 | 13.98655   | .0812347 |

Sample Name: P5009-14      Acquired: 12/20/2024 22:02:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008616 | .6836019 | 8.851605 | .0151722 | 1.337806 | -.068142 |
| Stddev | .0004224 | .0063706 | .067008  | .0004511 | .009242  | .000394  |
| %RSD   | 49.02573 | .9319129 | .7570155 | 2.973528 | .6907962 | .5775145 |
| #1     | .0012626 | .6782205 | 8.916045 | .0151611 | 1.345291 | -.068596 |
| #2     | .0009017 | .6906360 | 8.782295 | .0147268 | 1.327477 | -.067942 |
| #3     | .0004206 | .6819492 | 8.856474 | .0156289 | 1.340649 | -.067890 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1304644 |
| Stddev | .0037484 |
| %RSD   | 2.873155 |
| #1     | .1283923 |
| #2     | .1282094 |
| #3     | .1347914 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2367.775 | 29114.97 | 3041.928 | 2010.677 | 2075.037 |
| Stddev    | 4.154    | 184.49   | 20.597   | 11.814   | 4.755    |
| %RSD      | .1754229 | .6336461 | .6771044 | .5875469 | .2291451 |
| #1        | 2363.099 | 29145.57 | 3019.563 | 2008.945 | 2071.677 |
| #2        | 2369.188 | 28917.09 | 3060.116 | 1999.826 | 2072.957 |
| #3        | 2371.037 | 29282.24 | 3046.105 | 2023.262 | 2080.478 |

Sample Name: P5009-15      Acquired: 12/20/2024 22:06:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJY7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1295809 | -.071074 | 1.272721 | .0987399 | .0341678   | 87.70278 |
| Stddev | .0062970 | .000358  | .008596  | .0022948 | .0014566   | .51290   |
| %RSD   | 4.859518 | .5030688 | .6754120 | 2.324054 | 4.263136   | .5848171 |
| #1     | .1236270 | -.070951 | 1.282200 | .0963729 | .0329704   | 87.21216 |
| #2     | .1289432 | -.070794 | 1.270529 | .0988919 | .0337435   | 88.23538 |
| #3     | .1361724 | -.071476 | 1.265432 | .1009549 | .0357895   | 87.66080 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.322710 | .0098510 | .0069174 | 72.17695 | .1447040   | .1200718 |
| Stddev | .006762  | .0001099 | .0001011 | .34790   | .0001135   | .0005073 |
| %RSD   | .5112358 | 1.115959 | 1.462077 | .4820086 | .0784583   | .4224924 |
| #1     | 1.317503 | .0098771 | .0070316 | 72.00232 | .1448351   | .1206575 |
| #2     | 1.330352 | .0099455 | .0068392 | 72.57757 | .1446388   | .1197718 |
| #3     | 1.320274 | .0097304 | .0068813 | 71.95095 | .1446382   | .1197861 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3289769 | 198.4144 | 7.682869 | 27.88244 | .2228854   | .0165426 |
| Stddev | .0029785 | 1.1681   | .042544  | .24290   | .0003005   | .0009663 |
| %RSD   | .9053876 | .5887218 | .5537484 | .8711480 | .1348232   | 5.841522 |
| #1     | .3268822 | 197.3035 | 7.636328 | 27.62126 | .2226084   | .0156624 |
| #2     | .3323866 | 199.6323 | 7.719756 | 28.10157 | .2232049   | .0175766 |
| #3     | .3276619 | 198.3075 | 7.692524 | 27.92448 | .2228429   | .0163888 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9376494 | .2227662 | 1.057386 | 11.47062 | F 15.16470 | .1032087 |
| Stddev | .6469468 | .0027879 | .012652  | .07166   | .02546     | .0010159 |
| %RSD   | 68.99667 | 1.251474 | 1.196526 | .6246844 | .1679223   | .9843180 |
| #1     | .3340356 | .2258599 | 1.070982 | 11.43323 | 15.19406   | .1022843 |
| #2     | 1.620610 | .2219900 | 1.045958 | 11.55324 | 15.15140   | .1030456 |
| #3     | .858303  | .2204487 | 1.055218 | 11.42540 | 15.14863   | .1042963 |

Sample Name: P5009-15      Acquired: 12/20/2024 22:06:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJY7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065464 | 5.114309 | 10.05203 | .1705486 | 1.320745 | .0125143 |
| Stddev | .0002694 | .014868  | .14793   | .0011481 | .003364  | .0002998 |
| %RSD   | 4.115866 | .2907178 | 1.471663 | .6731540 | .2547296 | 2.395927 |
| #1     | .0062811 | 5.131436 | 9.97047  | .1703947 | 1.317054 | .0128570 |
| #2     | .0065383 | 5.106782 | 10.22279 | .1717658 | 1.323640 | .0123855 |
| #3     | .0068198 | 5.104710 | 9.96283  | .1694853 | 1.321541 | .0123003 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1414395 |
| Stddev | .0032011 |
| %RSD   | 2.263234 |
| #1     | .1433579 |
| #2     | .1432165 |
| #3     | .1377441 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2300.906 | 28166.20 | 2958.316 | 1946.197 | 2051.648 |
| Stddev    | 8.138    | 106.68   | 34.824   | 16.174   | 12.163   |
| %RSD      | .3536682 | .3787491 | 1.177144 | .8310480 | .5928541 |
| #1        | 2292.431 | 28188.13 | 2980.534 | 1945.109 | 2037.622 |
| #2        | 2301.628 | 28260.21 | 2918.182 | 1962.887 | 2058.018 |
| #3        | 2308.659 | 28050.26 | 2976.233 | 1930.594 | 2059.303 |

Sample Name: P5009-16      Acquired: 12/20/2024 22:10:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1970718 | -.128449 | 1.088224 | .1510832 | .0597008 | 77.49839 |
| Stddev | .0057945 | .002530  | .002397  | .0029888 | .0019534 | .22428   |
| %RSD   | 2.940279 | 1.969901 | .2202397 | 1.978225 | 3.271946 | .2894013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1928948 | -.131371 | 1.085462 | .1542750 | .0617352 | 77.24374 |
| #2 | .2036869 | -.126985 | 1.089457 | .1483507 | .0578401 | 77.58488 |
| #3 | .1946337 | -.126991 | 1.089755 | .1506239 | .0595272 | 77.66654 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.340738 | .0116506 | .0079284 | 76.90815 | .1086357 | .1123139 |
| Stddev | .003525  | .0000567 | .0001071 | .24946   | .0006385 | .0006462 |
| %RSD   | .2629438 | .4868681 | 1.351336 | .3243639 | .5877480 | .5753413 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.336673 | .0117124 | .0080453 | 76.63281 | .1093593 | .1125886 |
| #2 | 1.342588 | .0116388 | .0078349 | 77.11912 | .1083964 | .1127774 |
| #3 | 1.342953 | .0116008 | .0079049 | 76.97253 | .1081515 | .1115757 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4366128 | 306.6488 | 6.474981 | 26.26707 | .1955190 | .0227026 |
| Stddev | .0052876 | .7934    | .015723  | .12783   | .0008092 | .0003248 |
| %RSD   | 1.211053 | .2587387 | .2428203 | .4866655 | .4138816 | 1.430490 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4413182 | 305.7351 | 6.457415 | 26.19051 | .1956874 | .0228128 |
| #2 | .4308906 | 307.0474 | 6.487734 | 26.19605 | .1962308 | .0229579 |
| #3 | .4376297 | 307.1639 | 6.479795 | 26.41464 | .1946389 | .0223371 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.034478 | .2573794 | 1.024380 | 8.841814 | F 17.98309 | .1149314 |
| Stddev | .523929  | .0016421 | .011509  | .138323  | .01034     | .0035008 |
| %RSD   | 50.64669 | .6380156 | 1.123506 | 1.564422 | .0574917   | 3.045970 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.275035 | .2581755 | 1.026211 | 8.756965 | 17.99346 | .1170289 |
| #2 | .433470  | .2584716 | 1.012065 | 8.767046 | 17.98303 | .1168752 |
| #3 | 1.394929 | .2554909 | 1.034864 | 9.001430 | 17.97278 | .1108900 |

Sample Name: P5009-16      Acquired: 12/20/2024 22:10:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0180393 | 4.185453 | 9.953071 | .0934402 | 1.150322 | -.077350 |
| Stddev | .0003541 | .008680  | .011203  | .0002157 | .003801  | .000156  |
| %RSD   | 1.962721 | .2073762 | .1125625 | .2308058 | .3304583 | .2014566 |
| #1     | .0182247 | 4.178498 | 9.962972 | .0934297 | 1.146312 | -.077469 |
| #2     | .0176311 | 4.195180 | 9.940910 | .0932301 | 1.150782 | -.077406 |
| #3     | .0182622 | 4.182680 | 9.955330 | .0936610 | 1.153873 | -.077173 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1224310 |
| Stddev | .0010099 |
| %RSD   | .8248644 |
| #1     | .1216052 |
| #2     | .1221310 |
| #3     | .1235569 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2263.806 | 27911.66 | 2933.486 | 1918.724 | 2053.379 |
| Stddev    | 1.402    | 92.68    | 5.566    | 1.760    | .939     |
| %RSD      | .0619171 | .3320559 | .1897444 | .0917247 | .0457299 |
| #1        | 2262.203 | 27861.24 | 2928.603 | 1917.289 | 2052.712 |
| #2        | 2264.416 | 27855.12 | 2932.308 | 1918.195 | 2052.972 |
| #3        | 2264.799 | 28018.62 | 2939.546 | 1920.688 | 2054.453 |

Sample Name: P5009-17      Acquired: 12/20/2024 22:14:17      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJY9      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1529786 | -.061349 | 1.031796 | .0920477 | .0307298   | 88.91767 |
| Stddev | .0036015 | .001204  | .002374  | .0032294 | .0017509   | .60019   |
| %RSD   | 2.354283 | 1.962708 | .2301143 | 3.508376 | 5.697679   | .6749979 |
| #1     | .1554818 | -.059995 | 1.029937 | .0889577 | .0294304   | 88.41790 |
| #2     | .1546030 | -.061753 | 1.034471 | .0917850 | .0300381   | 88.75174 |
| #3     | .1488509 | -.062300 | 1.030980 | .0954004 | .0327209   | 89.58337 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.538260 | .0091507 | .0075308 | 98.19555 | .1340942   | .1367930 |
| Stddev | .010493  | .0001187 | .0001542 | .59960   | .0001800   | .0002647 |
| %RSD   | .6821454 | 1.297142 | 2.047402 | .6106200 | .1342082   | .1935344 |
| #1     | 1.527513 | .0091896 | .0076573 | 97.76122 | .1339408   | .1364996 |
| #2     | 1.538786 | .0090175 | .0075761 | 97.94577 | .1342923   | .1370142 |
| #3     | 1.548480 | .0092451 | .0073590 | 98.87966 | .1340496   | .1368651 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3188298 | 185.4769 | 9.748066 | 36.48159 | .2191881   | .0150500 |
| Stddev | .0091401 | 1.3430   | .055065  | .10248   | .0014581   | .0009869 |
| %RSD   | 2.866776 | .7240693 | .5648775 | .2809040 | .6652038   | 6.557369 |
| #1     | .3108292 | 184.2190 | 9.687478 | 36.41022 | .2200188   | .0139449 |
| #2     | .3168692 | 185.3204 | 9.761659 | 36.43555 | .2200410   | .0158435 |
| #3     | .3287912 | 186.8913 | 9.795061 | 36.59902 | .2175045   | .0153617 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3004185 | .2362077 | 1.037482 | 8.886631 | F 14.70869 | .0959402 |
| Stddev | .5936871 | .0070111 | .006741  | .102578  | .02353     | .0013499 |
| %RSD   | 197.6200 | 2.968174 | .6497361 | 1.154293 | .1599670   | 1.407004 |
| #1     | .7821976 | .2363866 | 1.033600 | 8.793098 | 14.73282   | .0944138 |
| #2     | -.362823 | .2291090 | 1.045266 | 8.870461 | 14.70743   | .0964295 |
| #3     | .481881  | .2431277 | 1.033580 | 8.996333 | 14.68581   | .0969771 |



Sample Name: P5009-17      Acquired: 12/20/2024 22:14:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJY9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060098 | 3.908722 | 9.682736 | .0669850 | 1.232807 | .0695131 |
| Stddev | .0006309 | .009496  | .056252  | .0006178 | .008489  | .0004571 |
| %RSD   | 10.49838 | .2429424 | .5809473 | .9223251 | .6886278 | .6575999 |
| #1     | .0065883 | 3.919334 | 9.659638 | .0663605 | 1.225532 | .0691417 |
| #2     | .0053371 | 3.905807 | 9.641710 | .0675960 | 1.230754 | .0693740 |
| #3     | .0061039 | 3.901025 | 9.746860 | .0669985 | 1.242134 | .0700236 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1389161 |
| Stddev | .0024861 |
| %RSD   | 1.789624 |
| #1     | .1366885 |
| #2     | .1384618 |
| #3     | .1415980 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2361.879 | 29030.78 | 3049.903 | 2004.664 | 2031.858 |
| Stddev    | 7.623    | 159.79   | 8.471    | 10.609   | 4.941    |
| %RSD      | .3227619 | .5504021 | .2777430 | .5292085 | .2431895 |
| #1        | 2362.264 | 29014.50 | 3040.157 | 2000.149 | 2027.709 |
| #2        | 2369.303 | 28879.75 | 3054.058 | 1997.059 | 2037.324 |
| #3        | 2354.071 | 29198.08 | 3055.494 | 2016.783 | 2030.541 |

Sample Name: P5009-18      Acquired: 12/20/2024 22:18:05      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJZ0      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1439349 | -.070594 | .4259723 | .1015293 | .0395640   | 82.01422 |
| Stddev | .0011694 | .002131  | .0030972 | .0054333 | .0016625   | .62513   |
| %RSD   | .8124284 | 3.018756 | .7270932 | 5.351439 | 4.202092   | .7622231 |
| #1     | .1451202 | -.071336 | .4271394 | .0971662 | .0411043   | 81.29314 |
| #2     | .1427822 | -.068191 | .4224611 | .1076151 | .0378016   | 82.34616 |
| #3     | .1439022 | -.072255 | .4283164 | .0998066 | .0397862   | 82.40337 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.587523 | .0089774 | .0072732 | 184.5859 | .1238208   | .1512910 |
| Stddev | .011383  | .0001352 | .0001749 | 1.1807   | .0007257   | .0001808 |
| %RSD   | .7170046 | 1.505896 | 2.404487 | .6396276 | .5861168   | .1195185 |
| #1     | 1.574497 | .0088241 | .0073493 | 183.2286 | .1244360   | .1514711 |
| #2     | 1.595556 | .0090797 | .0070731 | 185.3757 | .1240060   | .1512923 |
| #3     | 1.592516 | .0090284 | .0073971 | 185.1533 | .1230205   | .1511095 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2719776 | 230.0526 | 12.81637 | 50.71014 | .2339334   | .0174866 |
| Stddev | .0050895 | 1.7079   | .09025   | .34521   | .0010704   | .0004837 |
| %RSD   | 1.871283 | .7423745 | .7042133 | .6807612 | .4575838   | 2.766029 |
| #1     | .2679732 | 228.0818 | 12.71234 | 50.31388 | .2349907   | .0169282 |
| #2     | .2702546 | 231.1009 | 12.86304 | 50.87084 | .2328503   | .0177542 |
| #3     | .2777049 | 230.9750 | 12.87374 | 50.94572 | .2339594   | .0177774 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7786354 | .2307009 | .7927623 | 8.084962 | F 12.89395 | .0935617 |
| Stddev | .1743652 | .0021746 | .0185991 | .067830  | .01671     | .0044229 |
| %RSD   | 22.39369 | .9425867 | 2.346111 | .8389667 | .1296134   | 4.727268 |
| #1     | .5977963 | .2316738 | .8103524 | 8.151635 | 12.90292   | .0886116 |
| #2     | .7923989 | .2322192 | .7732964 | 8.016031 | 12.87467   | .0949485 |
| #3     | .9457109 | .2282098 | .7946380 | 8.087220 | 12.90427   | .0971250 |

Sample Name: P5009-18      Acquired: 12/20/2024 22:18:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071172 | 1.721960 | 9.661372 | .0297955 | 1.299657 | -.002618 |
| Stddev | .0001642 | .004022  | .071913  | .0009676 | .008211  | .000757  |
| %RSD   | 2.307299 | .2335786 | .7443342 | 3.247569 | .6317558 | 28.89939 |
| #1     | .0072142 | 1.717645 | 9.603272 | .0294944 | 1.290260 | -.001866 |
| #2     | .0069276 | 1.722632 | 9.741801 | .0290141 | 1.305443 | -.003379 |
| #3     | .0072098 | 1.725604 | 9.639044 | .0308778 | 1.303269 | -.002609 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1355849 |
| Stddev | .0046075 |
| %RSD   | 3.398233 |
| #1     | .1341146 |
| #2     | .1407481 |
| #3     | .1318921 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2409.217 | 29616.70 | 3133.249 | 2038.991 | 1990.236 |
| Stddev    | 7.890    | 118.98   | 27.523   | 8.588    | 5.643    |
| %RSD      | .3274730 | .4017169 | .8784311 | .4211821 | .2835252 |
| #1        | 2407.659 | 29511.42 | 3163.547 | 2033.797 | 1988.711 |
| #2        | 2417.769 | 29745.78 | 3109.790 | 2048.903 | 1996.485 |
| #3        | 2402.223 | 29592.92 | 3126.410 | 2034.272 | 1985.513 |

Sample Name: P5009-19      Acquired: 12/20/2024 22:21:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1055096 | -.065797 | .3420953 | .0897441 | .0322515   | 74.86451 |
| Stddev | .0044570 | .000649  | .0015626 | .0051957 | .0014364   | .17846   |
| %RSD   | 4.224283 | .9859742 | .4567731 | 5.789429 | 4.453888   | .2383716 |
| #1     | .1046900 | -.066416 | .3438676 | .0920125 | .0325732   | 74.66756 |
| #2     | .1015193 | -.065122 | .3415019 | .0837999 | .0306815   | 74.91052 |
| #3     | .1103195 | -.065853 | .3409162 | .0934198 | .0334999   | 75.01547 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.162267 | .0083677 | .0049504 | 196.5527 | .1168955   | .1287844 |
| Stddev | .001206  | .0001791 | .0000924 | .6074    | .0005077   | .0001874 |
| %RSD   | .1037470 | 2.140853 | 1.866027 | .3090202 | .4343231   | .1455414 |
| #1     | 1.161202 | .0085676 | .0050329 | 195.9602 | .1168372   | .1289135 |
| #2     | 1.162021 | .0083139 | .0049676 | 196.5240 | .1164194   | .1285695 |
| #3     | 1.163576 | .0082216 | .0048506 | 197.1739 | .1174298   | .1288703 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2482098 | 207.8374 | 9.579361 | 59.40943 | .2014754   | .0165110 |
| Stddev | .0060586 | .6866    | .028584  | .26433   | .0017148   | .0003404 |
| %RSD   | 2.440907 | .3303329 | .2983910 | .4449326 | .8511169   | 2.061357 |
| #1     | .2438938 | 207.0890 | 9.548979 | 59.13900 | .2030557   | .0168827 |
| #2     | .2455996 | 207.9849 | 9.583384 | 59.42208 | .1996520   | .0164360 |
| #3     | .2551360 | 208.4382 | 9.605721 | 59.66720 | .2017184   | .0162145 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7510579 | .1987322 | .6664700 | 12.50148 | F 11.04894 | .0945527 |
| Stddev | .5670547 | .0050751 | .0115813 | .09638   | .02681     | .0014998 |
| %RSD   | 75.50081 | 2.553754 | 1.737705 | .7709766 | .2426642   | 1.586193 |
| #1     | .0987953 | .1996673 | .6547709 | 12.59065 | 11.05916   | .0962844 |
| #2     | 1.126850 | .1932545 | .6667093 | 12.39922 | 11.01852   | .0937082 |
| #3     | 1.027528 | .2032748 | .6779298 | 12.51456 | 11.06914   | .0936656 |

Sample Name: P5009-19      Acquired: 12/20/2024 22:21:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046270 | 1.346862 | 7.065656 | .0316725 | 1.658862 | .0489470 |
| Stddev | .0005328 | .004838  | .046694  | .0009318 | .004946  | .0005036 |
| %RSD   | 11.51424 | .3592011 | .6608640 | 2.941952 | .2981262 | 1.028811 |
| #1     | .0049512 | 1.348715 | 7.028818 | .0306272 | 1.653155 | .0495241 |
| #2     | .0049176 | 1.341372 | 7.118171 | .0319743 | 1.661541 | .0485970 |
| #3     | .0040121 | 1.350500 | 7.049979 | .0324160 | 1.661891 | .0487199 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1342927 |
| Stddev | .0029922 |
| %RSD   | 2.228127 |
| #1     | .1376444 |
| #2     | .1318902 |
| #3     | .1333434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2251.723 | 27815.53 | 2933.327 | 1909.502 | 1944.353 |
| Stddev    | 3.384    | 46.07    | 8.623    | .485     | 3.805    |
| %RSD      | .1502684 | .1656101 | .2939584 | .0254251 | .1957137 |
| #1        | 2255.628 | 27839.54 | 2928.797 | 1909.793 | 1946.451 |
| #2        | 2249.867 | 27844.64 | 2927.913 | 1909.771 | 1946.647 |
| #3        | 2249.674 | 27762.42 | 2943.270 | 1908.941 | 1939.960 |

Sample Name: P5009-20      Acquired: 12/20/2024 22:25:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0796754 | -.045314 | .2114641 | .0683886 | .0248638 | 60.70938 | 1.118630 |
| Stddev | .0031611 | .001981  | .0012900 | .0013835 | .0017253 | .27274   | .005670  |
| %RSD   | 3.967499 | 4.371034 | .6100179 | 2.022980 | 6.939009 | .4492520 | .5069057 |
| #1     | .0771322 | -.043850 | .2114052 | .0676229 | .0256916 | 60.40111 | 1.112183 |
| #2     | .0832146 | -.047568 | .2127824 | .0699856 | .0260192 | 60.80770 | 1.122847 |
| #3     | .0786795 | -.044524 | .2102045 | .0675572 | .0228805 | 60.91932 | 1.120859 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066413 | .0038313 | 191.6647 | .0935854 | .1094795 | .1987258 | 170.4639 |
| Stddev | .0002199 | .0001019 | .8131    | .0012457 | .0004106 | .0012758 | .7299    |
| %RSD   | 3.310801 | 2.659228 | .4242526 | 1.331074 | .3750608 | .6420019 | .4282076 |
| #1     | .0064433 | .0038305 | 190.7680 | .0929863 | .1091246 | .1973162 | 169.6326 |
| #2     | .0066029 | .0039336 | 191.8720 | .0950175 | .1093848 | .1998014 | 170.7594 |
| #3     | .0068779 | .0037299 | 192.3541 | .0927526 | .1099292 | .1990597 | 170.9998 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.197673 | 47.75025 | .1567937 | .0133948 | 1.427989 | .1548664 | .5996834 |
| Stddev | .037518  | .35935   | .0006011 | .0005086 | .534214  | .0020444 | .0120156 |
| %RSD   | .4576656 | .7525522 | .3833410 | 3.797189 | 37.41026 | 1.320089 | 2.003661 |
| #1     | 8.154402 | 47.36267 | .1574256 | .0136571 | 1.006423 | .1532230 | .5939387 |
| #2     | 8.221135 | 47.81575 | .1567264 | .0137187 | 1.248776 | .1542206 | .5916185 |
| #3     | 8.217481 | 48.07235 | .1562292 | .0128086 | 2.028767 | .1571558 | .6134930 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.49727 | 8.310850 | .0956032 | .0036293 | .9337022 | 9.605452 | .0161909 |
| Stddev | .09767   | .021893  | .0027689 | .0004823 | .0053069 | .076635  | .0025425 |
| %RSD   | .9304632 | .2634233 | 2.896208 | 13.28859 | .5683765 | .7978280 | 15.70321 |
| #1     | 10.48799 | 8.289708 | .0947258 | .0036759 | .9310640 | 9.571198 | .0147489 |
| #2     | 10.40457 | 8.333423 | .0933793 | .0031254 | .9398112 | 9.693239 | .0146972 |
| #3     | 10.59925 | 8.309418 | .0987044 | .0040866 | .9302314 | 9.551918 | .0191265 |

Sample Name: P5009-20      Acquired: 12/20/2024 22:25:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.045199 | .0573513 | .1110309 |
| Stddev | .005804  | .0002031 | .0010164 |
| %RSD   | .5552963 | .3541186 | .9154306 |
| #1     | 1.038607 | .0574653 | .1100166 |
| #2     | 1.049541 | .0571169 | .1120495 |
| #3     | 1.047450 | .0574719 | .1110266 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2164.792 | 26754.49 | 2834.454 | 1843.256 | 1986.128 |
| Stddev    | 4.139    | 183.23   | 24.445   | 11.550   | 5.399    |
| %RSD      | .1911991 | .6848403 | .8624301 | .6266336 | .2718195 |
| #1        | 2168.203 | 26898.90 | 2862.323 | 1856.172 | 1991.739 |
| #2        | 2165.985 | 26816.19 | 2816.636 | 1839.681 | 1985.672 |
| #3        | 2160.187 | 26548.38 | 2824.405 | 1833.916 | 1980.971 |

Sample Name: P5009-21      Acquired: 12/20/2024 22:29:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0781032 | .0058424 | .2113364 | .0207816 | .0049275 | 39.80662 |
| Stddev | .0020667 | .0009821 | .0010506 | .0045990 | .0001651 | .18668   |
| %RSD   | 2.646105 | 16.80918 | .4971104 | 22.12985 | 3.350340 | .4689554 |
| #1     | .0798533 | .0063633 | .2102769 | .0154940 | .0049197 | 39.66436 |
| #2     | .0786333 | .0047096 | .2113546 | .0230003 | .0050963 | 39.73750 |
| #3     | .0758232 | .0064542 | .2123778 | .0238507 | .0047664 | 40.01800 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5737404 | .0043932 | .0026190 | F 1313.186 | .0659099 | .1138061 |
| Stddev | .0024017 | .0000245 | .0001239 | 12.688     | .0005111 | .0004254 |
| %RSD   | .4186017 | .5575926 | 4.730591 | .9662370   | .7753939 | .3737585 |
| #1     | .5721273 | .0043745 | .0025029 | 1307.034   | .0656274 | .1136806 |
| #2     | .5725934 | .0043841 | .0026047 | 1304.747   | .0656025 | .1142801 |
| #3     | .5765006 | .0044209 | .0027494 | 1327.778   | .0664999 | .1134576 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1898376 | 114.3047 | 11.33661 | 168.0623 | .1114479 | .0112067 |
| Stddev | .0051608 | .6400    | .03534   | .4197    | .0013054 | .0009859 |
| %RSD   | 2.718518 | .5599253 | .3117017 | .2497292 | 1.171261 | 8.797033 |
| #1     | .1894149 | 113.9707 | 11.32881 | 167.9242 | .1118888 | .0108073 |
| #2     | .1951967 | 113.9008 | 11.30582 | 167.7291 | .1124758 | .0123296 |
| #3     | .1849011 | 115.0427 | 11.37519 | 168.5337 | .1099793 | .0104832 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.417159 | .0959111 | .4693594 | 8.808125 | 7.348773 | .0869210 |
| Stddev | .579716  | .0088004 | .0036740 | .150701  | .011671  | .0014690 |
| %RSD   | 40.90690 | 9.175618 | .7827694 | 1.710932 | .1588168 | 1.690072 |
| #1     | 2.063734 | .0860108 | .4652352 | 8.686956 | 7.353926 | .0878976 |
| #2     | 1.243961 | .1028453 | .4705603 | 8.976873 | 7.356980 | .0852316 |
| #3     | .943783  | .0988771 | .4722826 | 8.760545 | 7.335412 | .0876339 |



Sample Name: P5009-21      Acquired: 12/20/2024 22:29:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJZ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011414 | 5.144652 | 10.45264 | .0178528 | .6368801 | 1.103123 |
| Stddev | .0001485 | .005795  | .10290   | .0033678 | .0027044 | .003842  |
| %RSD   | 13.00825 | .1126351 | .9844779 | 18.86396 | .4246394 | .3483097 |
| #1     | .0011199 | 5.150175 | 10.46645 | .0201705 | .6384046 | 1.102199 |
| #2     | .0010049 | 5.138620 | 10.34353 | .0193982 | .6384782 | 1.099827 |
| #3     | .0012995 | 5.145163 | 10.54794 | .0139897 | .6337576 | 1.107343 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0884418 |
| Stddev | .0010151 |
| %RSD   | 1.147803 |
| #1     | .0888422 |
| #2     | .0891956 |
| #3     | .0872875 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1968.953 | 24417.70 | 2676.835 | 1671.190 | 1742.075 |
| Stddev    | 2.614    | 106.44   | 23.043   | 6.622    | 3.184    |
| %RSD      | .1327786 | .4358993 | .8608410 | .3962723 | .1827752 |
| #1        | 1968.191 | 24498.29 | 2674.734 | 1674.656 | 1739.997 |
| #2        | 1966.804 | 24297.05 | 2700.857 | 1663.554 | 1740.487 |
| #3        | 1971.864 | 24457.77 | 2654.915 | 1675.359 | 1745.741 |

Sample Name: P5009-22      Acquired: 12/20/2024 22:33:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJK10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1129719 | -.047927 | 1.192838 | .0718537 | .0247280   | 82.40922 |
| Stddev | .0015139 | .000957  | .008367  | .0033557 | .0011612   | .15140   |
| %RSD   | 1.340048 | 1.997378 | .7014368 | 4.670211 | 4.696002   | .1837208 |
| #1     | .1144663 | -.048829 | 1.184583 | .0749937 | .0236002   | 82.57939 |
| #2     | .1114392 | -.048031 | 1.192617 | .0683175 | .0259200   | 82.28942 |
| #3     | .1130102 | -.046922 | 1.201313 | .0722500 | .0246638   | 82.35887 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.218946 | .0083921 | .0063909 | 65.14682 | .1309173   | .1089932 |
| Stddev | .002690  | .0001253 | .0000751 | .05922   | .0009805   | .0007361 |
| %RSD   | .2206904 | 1.493232 | 1.174687 | .0909068 | .7489155   | .6753742 |
| #1     | 1.221969 | .0083718 | .0064743 | 65.18981 | .1320268   | .1092567 |
| #2     | 1.216815 | .0082781 | .0063286 | 65.17137 | .1305576   | .1081616 |
| #3     | 1.218055 | .0085263 | .0063699 | 65.07926 | .1301675   | .1095614 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3007031 | 144.8513 | 7.229455 | 25.77747 | .2008631   | .0123643 |
| Stddev | .0060443 | .2389    | .004693  | .07551   | .0001354   | .0007595 |
| %RSD   | 2.010060 | .1649478 | .0649113 | .2929315 | .0674120   | 6.142548 |
| #1     | .3050421 | 145.1240 | 7.229433 | 25.73695 | .2007214   | .0127176 |
| #2     | .3032679 | 144.6789 | 7.234159 | 25.86460 | .2008768   | .0114925 |
| #3     | .2937993 | 144.7510 | 7.224774 | 25.73088 | .2009912   | .0128828 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6991345 | .1881144 | 1.015288 | 10.26416 | F 16.63066 | .0872964 |
| Stddev | .7681124 | .0054733 | .002998  | .07513   | .02223     | .0003846 |
| %RSD   | 109.8662 | 2.909548 | .2952423 | .7319378 | .1336626   | .4405651 |
| #1     | 1.572427 | .1943265 | 1.016952 | 10.34750 | 16.61174   | .0870683 |
| #2     | .128261  | .1840013 | 1.011828 | 10.24336 | 16.62510   | .0870805 |
| #3     | .396716  | .1860153 | 1.017084 | 10.20163 | 16.65514   | .0877405 |

Sample Name: P5009-22      Acquired: 12/20/2024 22:33:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJK10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055982 | 4.838220 | 9.993033 | .0659586 | 1.230224 | .0615786 |
| Stddev | .0006170 | .005612  | .045084  | .0028924 | .004387  | .0003640 |
| %RSD   | 11.02211 | .1159897 | .4511535 | 4.385237 | .3566292 | .5910816 |
| #1     | .0062680 | 4.834581 | 10.04471 | .0663501 | 1.235046 | .0614463 |
| #2     | .0050528 | 4.835397 | 9.97267  | .0686354 | 1.226468 | .0612992 |
| #3     | .0054738 | 4.844683 | 9.96173  | .0628904 | 1.229158 | .0619902 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1277138 |
| Stddev | .0006377 |
| %RSD   | .4993606 |
| #1     | .1270353 |
| #2     | .1283010 |
| #3     | .1278052 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2286.224 | 28406.17 | 2950.456 | 1952.188 | 2033.289 |
| Stddev    | 1.745    | 174.23   | 21.673   | 14.688   | .542     |
| %RSD      | .0763216 | .6133600 | .7345704 | .7523934 | .0266789 |
| #1        | 2287.050 | 28220.84 | 2929.002 | 1937.662 | 2033.640 |
| #2        | 2287.402 | 28431.06 | 2950.024 | 1951.869 | 2033.563 |
| #3        | 2284.219 | 28566.62 | 2972.342 | 1967.033 | 2032.664 |

Sample Name: PB165301BL      Acquired: 12/20/2024 22:37:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS301      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019415 | .0014607 | -.001982 | .0000159 | -.001355 | -.004813 |
| Stddev | .0027663 | .0014146 | .001526  | .0029290 | .000882  | .033051  |
| %RSD   | 142.4841 | 96.84732 | 76.99413 | 18378.98 | 65.11403 | 686.6497 |
| #1     | -.000356 | .0020659 | -.000981 | -.003354 | -.001157 | -.028956 |
| #2     | .005012  | -.000156 | -.001227 | .001454  | -.002320 | .032855  |
| #3     | .001168  | .002472  | -.003739 | .001948  | -.000589 | -.018339 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001579 | .0001051 | .0000317 | .0207189 | -.000798 | .0002977 |
| Stddev | .000611  | .0000351 | .0000846 | .0288575 | .000621  | .0001016 |
| %RSD   | 38.70190 | 33.35663 | 266.6183 | 139.2809 | 77.77302 | 34.11547 |
| #1     | -.001543 | .0000646 | .0001161 | -.003603 | -.000132 | .0002189 |
| #2     | -.002208 | .0001256 | -.000053 | .052605  | -.001361 | .0002619 |
| #3     | -.000987 | .0001251 | .000032  | .013154  | -.000901 | .0004123 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009831 | .0308245 | .0015228 | .0935759 | .0002697 | -.000086 |
| Stddev | .0061931 | .0586155 | .0005891 | .0822109 | .0002404 | .000398  |
| %RSD   | 629.9325 | 190.1587 | 38.68866 | 87.85481 | 89.15390 | 464.1520 |
| #1     | .0051852 | -.007595 | .0010910 | .1619337 | .0004743 | .000027  |
| #2     | .0038931 | .001777  | .0012834 | .0023528 | .0000049 | -.000528 |
| #3     | -.006129 | .098291  | .0021940 | .1164412 | .0003299 | .000244  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.409789 | -.001882 | -.002100 | -.226375 | -.002187 | .0001240 |
| Stddev | .375223  | .003724  | .004979  | .146148  | .003334  | .0016799 |
| %RSD   | 91.56485 | 197.9153 | 237.0435 | 64.56023 | 152.4171 | 1354.638 |
| #1     | -.106597 | -.005761 | -.007827 | -.253039 | -.000974 | -.001816 |
| #2     | -.829430 | -.001548 | .001199  | -.068730 | .000370  | .001111  |
| #3     | -.293341 | .001664  | .000327  | -.357354 | -.005958 | .001077  |

Sample Name: PB165301BL      Acquired: 12/20/2024 22:37:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS301      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0001477 | -.004997 | -.000621 | F -.014172 | .0011261 | -.000027 |
| Stddev | .0000757 | .003599  | .000368  | .000350    | .0008451 | .000171  |
| %RSD   | 51.29495 | 72.02853 | 59.38095 | 2.470457   | 75.04552 | 644.4427 |
| #1     | .0002232 | -.001795 | -.000486 | -.013788   | .0007908 | .000169  |
| #2     | .0001480 | -.004304 | -.000338 | -.014253   | .0005001 | -.000150 |
| #3     | .0000717 | -.008893 | -.001037 | -.014475   | .0020874 | -.000098 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0024998 |
| Stddev | .0015362 |
| %RSD   | 61.45341 |
| #1     | .0009540 |
| #2     | .0025192 |
| #3     | .0040263 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1832.270 | 22678.40 | 2308.109 | 1561.550 | 2159.765 |
| Stddev    | 1.557    | 25.94    | 19.970   | 2.686    | 1.203    |
| %RSD      | .0849617 | .1143876 | .8652263 | .1720260 | .0556846 |
| #1        | 1834.022 | 22653.96 | 2330.143 | 1564.283 | 2159.787 |
| #2        | 1831.742 | 22705.62 | 2302.982 | 1558.913 | 2158.551 |
| #3        | 1831.046 | 22675.63 | 2291.202 | 1561.453 | 2160.956 |

Sample Name: PB165301BS      Acquired: 12/20/2024 22:41:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS30Z      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210100 | .0525341 | .0175874 | .0585649 | .1008991 | .4024012 |
| Stddev | .0047406 | .0002172 | .0012148 | .0032942 | .0030251 | .0114395 |
| %RSD   | 22.56338 | .4134103 | 6.907179 | 5.624816 | 2.998143 | 2.842805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0262825 | .0526006 | .0163530 | .0609210 | .0987277 | .3893879 |
| #2 | .0170996 | .0522915 | .0176275 | .0599730 | .0996152 | .4108705 |
| #3 | .0196479 | .0527103 | .0187816 | .0548007 | .1043544 | .4069451 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4053494 | .0103941 | .0097595 | 10.02556 | .0206757 | .0998146 |
| Stddev | .0008860 | .0002640 | .0000789 | .10929   | .0013014 | .0005992 |
| %RSD   | .2185748 | 2.540058 | .8081845 | 1.090076 | 6.294329 | .6003377 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4046788 | .0101226 | .0097755 | 10.01252 | .0198522 | .0994384 |
| #2 | .4050156 | .0104097 | .0096738 | 9.92338  | .0221760 | .0994997 |
| #3 | .4063538 | .0106500 | .0098291 | 10.14079 | .0199988 | .1005056 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0507154 | .1923198 | .0316969 | 10.40041 | .0771970 | .0196721 |
| Stddev | .0049977 | .0370721 | .0003530 | .12503   | .0002062 | .0006580 |
| %RSD   | 9.854466 | 19.27625 | 1.113577 | 1.202192 | .2670513 | 3.344992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0558075 | .2215438 | .0314381 | 10.36064 | .0774280 | .0204289 |
| #2 | .0458177 | .2047967 | .0315535 | 10.30011 | .0770318 | .0193529 |
| #3 | .0505210 | .1506190 | .0320990 | 10.54049 | .0771312 | .0192346 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.21785 | .1037514 | .1096826 | 9.273926 | .0142978 | F -.002022 |
| Stddev | .63697   | .0049887 | .0081905 | .152371  | .0020333 | .002449    |
| %RSD   | 6.233943 | 4.808290 | 7.467493 | 1.643008 | 14.22090 | 121.1206   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.52902  | .1007455 | .1135084 | 9.425131 | .0119524 | -.004626 |
| #2 | 10.33894 | .1009987 | .1002792 | 9.120415 | .0153775 | .000235  |
| #3 | 10.78558 | .1095099 | .1152602 | 9.276233 | .0155635 | -.001675 |

Sample Name: PB165301BS      Acquired: 12/20/2024 22:41:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS30Z      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0185696 | .1727691 | F .4837464 | F -.000948 | .2009966 | .2085136 |
| Stddev | .0003307 | .0028146 | .0083824   | .000663    | .0049297 | .0013002 |
| %RSD   | 1.781032 | 1.629127 | 1.732811   | 69.99923   | 2.452612 | .6235771 |
| #1     | .0188920 | .1758124 | .4790654   | -.000490   | .1954991 | .2079807 |
| #2     | .0185858 | .1722351 | .4787500   | -.000645   | .2024668 | .2075645 |
| #3     | .0182311 | .1702597 | .4934239   | -.001708   | .2050238 | .2099957 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0339321 |
| Stddev | .0042055 |
| %RSD   | 12.39381 |
| #1     | .0387880 |
| #2     | .0314721 |
| #3     | .0315361 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1845.058 | 22905.56 | 2327.290 | 1582.992 | 2162.400 |
| Stddev    | 4.137    | 192.69   | 23.865   | 9.562    | 2.163    |
| %RSD      | .2242348 | .8412258 | 1.025426 | .6040319 | .1000079 |
| #1        | 1840.621 | 22964.19 | 2329.620 | 1589.190 | 2159.945 |
| #2        | 1845.744 | 22690.37 | 2349.904 | 1571.980 | 2163.227 |
| #3        | 1848.810 | 23062.13 | 2302.346 | 1587.807 | 2164.026 |

Sample Name: P5184-01DLX2      Acquired: 12/20/2024 22:45:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2646015 | -.190751 | .1115786 | .1967784 | .0877692 | 177.0911 | .2525311 |
| Stddev | .0065061 | .003274  | .0011871 | .0018979 | .0014958 | .6222    | .0007091 |
| %RSD   | 2.458823 | 1.716150 | 1.063871 | .9644943 | 1.704192 | .3513278 | .2807835 |
| #1     | .2693062 | -.187149 | .1127561 | .1946650 | .0874740 | 176.5174 | .2527970 |
| #2     | .2673214 | -.193544 | .1115976 | .1973326 | .0864431 | 177.0035 | .2517275 |
| #3     | .2571768 | -.191560 | .1103822 | .1983375 | .0893906 | 177.7525 | .2530687 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096026 | .0030470 | 41.72605 | .7486850 | .3257323 | 1.034733 | 399.3387 |
| Stddev | .0000881 | .0001063 | .18670   | .0141806 | .0009876 | .011925  | 1.2151   |
| %RSD   | .9171910 | 3.490071 | .4474393 | 1.894068 | .3031781 | 1.152514 | .3042725 |
| #1     | .0097033 | .0030681 | 41.71613 | .7421940 | .3256382 | 1.028497 | 398.6887 |
| #2     | .0095399 | .0029317 | 41.54451 | .7389116 | .3247952 | 1.048484 | 398.5869 |
| #3     | .0095647 | .0031412 | 41.91751 | .7649493 | .3267636 | 1.027218 | 400.7405 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.508220 | 127.4098 | .5017605 | .0208983 | .0578469 | .9785721 | .3339409 |
| Stddev | .030365  | .4952    | .0017871 | .0016045 | .5299751 | .0155947 | .0035982 |
| %RSD   | .3568899 | .3886764 | .3561568 | 7.677597 | 916.1685 | 1.593621 | 1.077504 |
| #1     | 8.508723 | 127.0667 | .5012549 | .0207840 | -.112451 | .9965270 | .3344529 |
| #2     | 8.477607 | 127.1852 | .5002807 | .0225569 | -.366045 | .9707820 | .3372557 |
| #3     | 8.538331 | 127.9775 | .5037459 | .0193541 | .652037  | .9684072 | .3301141 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.010660 | 2.012227 | .0695586 | -.001639 | .2526412 | 4.294026 | .0307219 |
| Stddev | .125971  | .011987  | .0036202 | .000830  | .0022481 | .034768  | .0015609 |
| %RSD   | 1181.734 | .5957295 | 5.204523 | 50.66823 | .8898403 | .8096834 | 5.080781 |
| #1     | -.148641 | 2.010794 | .0712853 | -.002029 | .2520905 | 4.266437 | .0323888 |
| #2     | .098202  | 2.001021 | .0719921 | -.000685 | .2551135 | 4.282562 | .0304823 |
| #3     | .018459  | 2.024867 | .0653983 | -.002202 | .2507197 | 4.333078 | .0292947 |



Sample Name: P5184-01DLX2      Acquired: 12/20/2024 22:45:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.430697 | -.240510 | .0747345 |
| Stddev | .014027  | .000557  | .0038414 |
| %RSD   | .2582915 | .2314621 | 5.140037 |
| #1     | 5.414676 | -.240452 | .0742730 |
| #2     | 5.436645 | -.239984 | .0711447 |
| #3     | 5.440770 | -.241093 | .0787857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1953.131 | 23797.41 | 2524.337 | 1643.818 | 2077.009 |
| Stddev    | 3.169    | 255.84   | 8.058    | 12.399   | .755     |
| %RSD      | .1622516 | 1.075088 | .3192109 | .7542595 | .0363524 |
| #1        | 1952.306 | 23936.83 | 2533.603 | 1648.505 | 2077.368 |
| #2        | 1950.456 | 23953.26 | 2520.441 | 1653.191 | 2076.141 |
| #3        | 1956.631 | 23502.14 | 2518.967 | 1629.760 | 2077.517 |

Sample Name: P5184-02DLX2      Acquired: 12/20/2024 22:49:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2647084 | -.148186 | .1444737 | .1523601 | .0697929 | 139.5095 | .4266530 |
| Stddev | .0074091 | .002221  | .0033004 | .0062223 | .0009950 | 1.4804   | .0042546 |
| %RSD   | 2.798966 | 1.499097 | 2.284425 | 4.083976 | 1.425663 | 1.061164 | .9972020 |
| #1     | .2562633 | -.145689 | .1463778 | .1454802 | .0704997 | 138.0099 | .4230742 |
| #2     | .2701163 | -.149943 | .1406627 | .1540062 | .0686550 | 139.5485 | .4255277 |
| #3     | .2677457 | -.148927 | .1463805 | .1575940 | .0702239 | 140.9700 | .4313571 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086533 | .0038255 | 38.04896 | .5027351 | .2198150 | .7336963 | 319.2669 |
| Stddev | .0000849 | .0000348 | .35573   | .0214904 | .0011076 | .0082937 | 2.8457   |
| %RSD   | .9807097 | .9085370 | .9349344 | 4.274703 | .5038770 | 1.130397 | .8913212 |
| #1     | .0086332 | .0038513 | 37.69239 | .5257566 | .2201221 | .7284322 | 316.4446 |
| #2     | .0087464 | .0038394 | 38.05065 | .4832028 | .2185862 | .7293999 | 319.2206 |
| #3     | .0085803 | .0037860 | 38.40385 | .4992459 | .2207366 | .7432567 | 322.1354 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.565268 | 96.86028 | .3498655 | .0171040 | .2624577 | .7644474 | .4078623 |
| Stddev | .040853  | .74267   | .0011837 | .0017270 | .6600093 | .0034094 | .0229211 |
| %RSD   | .7340619 | .7667394 | .3383369 | 10.09695 | 251.4726 | .4459980 | 5.619821 |
| #1     | 5.522462 | 96.16615 | .3506548 | .0151141 | -.484764 | .7606541 | .4278537 |
| #2     | 5.569506 | 96.77123 | .3485044 | .0179869 | .506232  | .7654319 | .3828454 |
| #3     | 5.603837 | 97.64345 | .3504372 | .0182111 | .765904  | .7672563 | .4128878 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.260655 | 3.484737 | .0605411 | -.000916 | .4221944 | 3.595323 | .0208594 |
| Stddev | .113499  | .012408  | .0059078 | .000144  | .0070763 | .013162  | .0004925 |
| %RSD   | 1.563205 | .3560811 | 9.758374 | 15.71863 | 1.676078 | .3660732 | 2.360867 |
| #1     | 7.158565 | 3.485594 | .0538093 | -.000852 | .4230848 | 3.607554 | .0210046 |
| #2     | 7.382870 | 3.471922 | .0629502 | -.001081 | .4147150 | 3.581395 | .0212629 |
| #3     | 7.240529 | 3.496695 | .0648636 | -.000815 | .4287833 | 3.597021 | .0203107 |

Sample Name: P5184-02DLX2      Acquired: 12/20/2024 22:49:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.944926 | -.155123 | .0719552 |
| Stddev | .028606  | .001223  | .0022627 |
| %RSD   | .9713552 | .7886684 | 3.144525 |
| #1     | 2.915203 | -.153942 | .0743041 |
| #2     | 2.947309 | -.155043 | .0697901 |
| #3     | 2.972265 | -.156384 | .0717713 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1992.766 | 24513.17 | 2554.443 | 1701.988 | 2103.843 |
| Stddev    | 4.417    | 903.37   | 7.085    | 61.228   | 2.483    |
| %RSD      | .2216702 | 3.685254 | .2773439 | 3.597430 | .1180268 |
| #1        | 1993.491 | 23604.57 | 2556.601 | 1640.877 | 2102.744 |
| #2        | 1988.032 | 25411.22 | 2560.199 | 1763.332 | 2102.098 |
| #3        | 1996.777 | 24523.70 | 2546.531 | 1701.754 | 2106.686 |

Sample Name: P5184-03DLX2      Acquired: 12/20/2024 22:52:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2607351 | -.144128 | .1445954 | .1495665 | .0660825 | 134.7624 | .4497271 |
| Stddev | .0040037 | .000738  | .0034746 | .0019025 | .0007233 | .6532    | .0026186 |
| %RSD   | 1.535554 | .5123293 | 2.402981 | 1.271980 | 1.094612 | .4846744 | .5822543 |
| #1     | .2635719 | -.143525 | .1450209 | .1492119 | .0661609 | 134.5405 | .4484256 |
| #2     | .2624781 | -.143906 | .1478377 | .1516213 | .0653231 | 135.4976 | .4527414 |
| #3     | .2561554 | -.144952 | .1409277 | .1478663 | .0667635 | 134.2491 | .4480143 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0085766 | .0037016 | 37.12262 | .4873145 | .2232791 | .7236566 | 307.4941 |
| Stddev | .0001300 | .0000785 | .11416   | .0002133 | .0010489 | .0113594 | 1.4730   |
| %RSD   | 1.515686 | 2.120339 | .3075333 | .0437704 | .4697808 | 1.569720 | .4790415 |
| #1     | .0084731 | .0036487 | 37.06417 | .4872326 | .2231729 | .7366272 | 306.6566 |
| #2     | .0087225 | .0036643 | 37.25417 | .4875566 | .2243771 | .7188622 | 309.1949 |
| #3     | .0085343 | .0037918 | 37.04951 | .4871543 | .2222873 | .7154805 | 306.6308 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.594814 | 92.22340 | .3427463 | .0167634 | .4168840 | .7350091 | .3952431 |
| Stddev | .029619  | .52675   | .0002490 | .0007730 | .4384276 | .0054063 | .0071182 |
| %RSD   | .5293985 | .5711685 | .0726597 | 4.611015 | 105.1678 | .7355410 | 1.800956 |
| #1     | 5.582220 | 91.82270 | .3430250 | .0159667 | .0608366 | .7327654 | .3887842 |
| #2     | 5.628649 | 92.82004 | .3425456 | .0175102 | .2832325 | .7310860 | .3940702 |
| #3     | 5.573574 | 92.02745 | .3426683 | .0168133 | .9065830 | .7411760 | .4028749 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.366695 | 3.188575 | .0567001 | -.000327 | .3838631 | 3.949243 | .0208862 |
| Stddev | .053640  | .004885  | .0020161 | .000315  | .0016506 | .009811  | .0011014 |
| %RSD   | .7281436 | .1531879 | 3.555737 | 96.12931 | .4300038 | .2484307 | 5.273189 |
| #1     | 7.354293 | 3.182950 | .0583307 | -.000120 | .3826614 | 3.937921 | .0214660 |
| #2     | 7.425450 | 3.191021 | .0544459 | -.000172 | .3831826 | 3.955253 | .0215765 |
| #3     | 7.320342 | 3.191753 | .0573238 | -.000689 | .3857451 | 3.954555 | .0196160 |

Sample Name: P5184-03DLX2      Acquired: 12/20/2024 22:52:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.466907 | -.147397 | .0707642 |
| Stddev | .024557  | .000775  | .0037273 |
| %RSD   | .7083229 | .5258012 | 5.267243 |
| #1     | 3.456712 | -.146947 | .0666553 |
| #2     | 3.494919 | -.148292 | .0717094 |
| #3     | 3.449089 | -.146953 | .0739279 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1980.384 | 24304.68 | 2559.714 | 1690.217 | 2092.494 |
| Stddev    | 5.403    | 52.41    | 2.673    | 8.356    | 4.673    |
| %RSD      | .2728172 | .2156249 | .1044162 | .4943560 | .2233109 |
| #1        | 1978.519 | 24245.38 | 2557.628 | 1683.392 | 2090.062 |
| #2        | 1986.472 | 24323.88 | 2558.787 | 1699.536 | 2097.881 |
| #3        | 1976.160 | 24344.78 | 2562.727 | 1687.724 | 2089.538 |

Sample Name: P5184-04DLX2      Acquired: 12/20/2024 22:56:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.139496 | -.245914 | .4025986 | .2548080 | .1132125 | 198.4466 | .6246630 |
| Stddev | .006079  | .002285  | .0013522 | .0052615 | .0049215 | 1.0030   | .0019436 |
| %RSD   | .5335171 | .9293776 | .3358683 | 2.064882 | 4.347146 | .5054375 | .3111511 |
| #1     | 1.137639 | -.244377 | .4013782 | .2514104 | .1079856 | 197.6655 | .6231746 |
| #2     | 1.134561 | -.244824 | .4023654 | .2608686 | .1138943 | 198.0964 | .6239524 |
| #3     | 1.146287 | -.248540 | .4040523 | .2521450 | .1177575 | 199.5777 | .6268619 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126313 | .0125906 | 46.78529 | .9150077 | .4042978 | 2.716801 | 510.8076 |
| Stddev | .0001941 | .0001049 | .24538   | .0029581 | .0015860 | .005496  | 2.4907   |
| %RSD   | 1.536340 | .8332932 | .5244814 | .3232856 | .3922835 | .2022837 | .4875952 |
| #1     | .0124079 | .0126779 | 46.54291 | .9167760 | .4040651 | 2.714738 | 509.0566 |
| #2     | .0127587 | .0124742 | 46.77940 | .9166543 | .4028409 | 2.712635 | 509.7072 |
| #3     | .0127271 | .0126198 | 47.03357 | .9115927 | .4059872 | 2.723029 | 513.6589 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.89094 | 145.4765 | .6544509 | .0292924 | .1505333 | 1.344949 | .8267896 |
| Stddev | .06850   | .8239    | .0022141 | .0009331 | .8076626 | .004637  | .0193382 |
| %RSD   | .6289467 | .5663629 | .3383084 | 3.185552 | 536.5342 | .3447525 | 2.338955 |
| #1     | 10.83698 | 145.1707 | .6543615 | .0284931 | .7619884 | 1.340038 | .8373226 |
| #2     | 10.86783 | 144.8493 | .6522828 | .0290664 | -.765039 | 1.345556 | .8385747 |
| #3     | 10.96800 | 146.4096 | .6567082 | .0303178 | .454651  | 1.349252 | .8044714 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.568573 | 2.130824 | .0944466 | -.001158 | .3945496 | 5.439782 | .0327660 |
| Stddev | .136873  | .006276  | .0002860 | .000389  | .0046998 | .040741  | .0011222 |
| %RSD   | 5.328749 | .2945387 | .3028570 | 33.60769 | 1.191188 | .7489467 | 3.424824 |
| #1     | 2.570841 | 2.132225 | .0941941 | -.000768 | .3895156 | 5.405969 | .0314702 |
| #2     | 2.430580 | 2.123966 | .0947573 | -.001159 | .3988223 | 5.428364 | .0334153 |
| #3     | 2.704298 | 2.136282 | .0943884 | -.001547 | .3953108 | 5.485014 | .0334125 |

Sample Name: P5184-04DLX2      Acquired: 12/20/2024 22:56:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.434739 | -.301708 | .0971892 |
| Stddev | .002605  | .001378  | .0023636 |
| %RSD   | .1815961 | .4567128 | 2.431962 |
| #1     | 1.432517 | -.300999 | .0948612 |
| #2     | 1.434093 | -.300828 | .0995869 |
| #3     | 1.437606 | -.303296 | .0971195 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2021.541 | 24851.68 | 2625.681 | 1720.368 | 2066.102 |
| Stddev    | 5.737    | 34.02    | 23.299   | 5.393    | 5.509    |
| %RSD      | .2838159 | .1369104 | .8873618 | .3134788 | .2666462 |
| #1        | 2015.097 | 24825.75 | 2640.148 | 1714.218 | 2060.485 |
| #2        | 2023.433 | 24839.08 | 2638.091 | 1722.594 | 2071.497 |
| #3        | 2026.094 | 24890.21 | 2598.804 | 1724.291 | 2066.324 |

Sample Name: P5184-05DLX2      Acquired: 12/20/2024 23:00:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9708528 | -.239272 | .7667334 | .2458066 | .1100827 | 238.6039 | .3845518 |
| Stddev | .0018168 | .007777  | .0014254 | .0165699 | .0075785 | 9.5312   | .0172048 |
| %RSD   | .1871302 | 3.250189 | .1859037 | 6.741030 | 6.884350 | 3.994583 | 4.473980 |
| #1     | .9712996 | -.230890 | .7662012 | .2267236 | .1032339 | 227.6067 | .3646856 |
| #2     | .9688543 | -.246252 | .7656508 | .2541479 | .1182245 | 244.4768 | .3945486 |
| #3     | .9724045 | -.240675 | .7683484 | .2565483 | .1087898 | 243.7282 | .3944212 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121488 | .0203637 | 36.27822 | 1.075180 | .3348499 | 3.221976 | 487.9580 |
| Stddev | .0003170 | .0004540 | 1.45232  | .004329  | .0003268 | .123974  | 19.5943  |
| %RSD   | 2.609490 | 2.229397 | 4.003275 | .4025888 | .0976034 | 3.847766 | 4.015569 |
| #1     | .0118843 | .0208840 | 34.60204 | 1.071006 | .3352265 | 3.079266 | 465.3673 |
| #2     | .0120618 | .0200482 | 37.16153 | 1.074884 | .3346394 | 3.303078 | 500.3409 |
| #3     | .0125002 | .0201589 | 37.07109 | 1.079648 | .3346840 | 3.283583 | 498.1658 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.639419 | 186.4161 | .6580344 | .0246755 | .5305253 | 1.320686 | 1.448717 |
| Stddev | .346763  | 7.4880   | .0024266 | .0034510 | .4020905 | .056282  | .035168  |
| %RSD   | 4.013728 | 4.016828 | .3687670 | 13.98568 | 75.79101 | 4.261595 | 2.427544 |
| #1     | 8.239061 | 177.7783 | .6598776 | .0207200 | .5695458 | 1.255883 | 1.413502 |
| #2     | 8.834153 | 191.0685 | .6589404 | .0270718 | .9116830 | 1.357340 | 1.483838 |
| #3     | 8.845042 | 190.4016 | .6552851 | .0262346 | .1103471 | 1.348836 | 1.448810 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.696415 | 2.384806 | .0778360 | -.001681 | .3382098 | 3.197134 | .0346868 |
| Stddev | .390347  | .007177  | .0084597 | .000450  | .0047796 | .095042  | .0029334 |
| %RSD   | 10.56015 | .3009521 | 10.86867 | 26.80606 | 1.413219 | 2.972727 | 8.456913 |
| #1     | 3.250455 | 2.392803 | .0682439 | -.001160 | .3331394 | 3.088113 | .0313234 |
| #2     | 3.976056 | 2.382689 | .0842322 | -.001942 | .3388571 | 3.262540 | .0360211 |
| #3     | 3.862734 | 2.378925 | .0810318 | -.001939 | .3426327 | 3.240751 | .0367158 |



Sample Name: P5184-05DLX2      Acquired: 12/20/2024 23:00:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.095853 | -.380604 | .1186971 |
| Stddev | .126429  | .015315  | .0091694 |
| %RSD   | 4.083826 | 4.023986 | 7.725061 |
| #1     | 2.949877 | -.362931 | .1083213 |
| #2     | 3.167203 | -.389994 | .1220583 |
| #3     | 3.170478 | -.388887 | .1257116 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1947.073 | 23740.93 | 2597.697 | 1648.939 | 2057.417 |
| Stddev    | 6.108    | 208.19   | 85.901   | 18.915   | 3.452    |
| %RSD      | .3136980 | .8769219 | 3.306812 | 1.147105 | .1677987 |
| #1        | 1941.363 | 23975.51 | 2696.827 | 1670.720 | 2053.946 |
| #2        | 1946.343 | 23669.16 | 2545.153 | 1639.455 | 2057.453 |
| #3        | 1953.513 | 23578.12 | 2551.111 | 1636.643 | 2060.851 |

Sample Name: P5184-06DLX2      Acquired: 12/20/2024 23:04:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2489663 | -.217475 | .1538661 | .2231299 | .0953311 | 201.8677 | .2314735 |
| Stddev | .0039637 | .001681  | .0033359 | .0014018 | .0016772 | .1240    | .0017300 |
| %RSD   | 1.592042 | .7731353 | 2.168043 | .6282296 | 1.759346 | .0614397 | .7473850 |
| #1     | .2466949 | -.218296 | .1506177 | .2246645 | .0937003 | 201.7596 | .2310639 |
| #2     | .2535431 | -.215541 | .1572831 | .2219168 | .0952418 | 202.0031 | .2333715 |
| #3     | .2466609 | -.218588 | .1536976 | .2228083 | .0970511 | 201.8404 | .2299851 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105145 | .0036348 | 56.90936 | .8053330 | .3043201 | .8321056 | 449.8551 |
| Stddev | .0001339 | .0001405 | .08771   | .0075324 | .0009847 | .0036700 | .2892    |
| %RSD   | 1.273142 | 3.864075 | .1541236 | .9353110 | .3235760 | .4410523 | .0642864 |
| #1     | .0106388 | .0036297 | 57.00929 | .8053449 | .3035726 | .8342402 | 450.0863 |
| #2     | .0105319 | .0037778 | 56.84512 | .7977947 | .3039519 | .8278678 | 449.9482 |
| #3     | .0103728 | .0034970 | 56.87367 | .8128594 | .3054359 | .8342087 | 449.5308 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.463120 | 167.4162 | .5216629 | .0215082 | .4546087 | 1.305877 | .3258158 |
| Stddev | .013509  | .3074    | .0007258 | .0018602 | .2200863 | .004352  | .0157610 |
| %RSD   | .1810155 | .1835995 | .1391226 | 8.648623 | 48.41226 | .3332623 | 4.837400 |
| #1     | 7.455939 | 167.7538 | .5208683 | .0202384 | .2007359 | 1.300870 | .3099601 |
| #2     | 7.478704 | 167.3422 | .5222908 | .0236434 | .5915185 | 1.308753 | .3414804 |
| #3     | 7.454718 | 167.1525 | .5218296 | .0206427 | .5715716 | 1.308007 | .3260069 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.835553 | 1.673674 | .0785281 | -.001570 | .1116889 | 2.837117 | .0311769 |
| Stddev | .087844  | .006296  | .0021925 | .000529  | .0039718 | .006952  | .0002405 |
| %RSD   | 10.51328 | .3761605 | 2.792038 | 33.67566 | 3.556121 | .2450407 | .7712991 |
| #1     | -.877788 | 1.666550 | .0797958 | -.002094 | .1133691 | 2.844680 | .0310226 |
| #2     | -.894303 | 1.675982 | .0797921 | -.001578 | .1145446 | 2.831004 | .0310541 |
| #3     | -.734569 | 1.678490 | .0759964 | -.001037 | .1071532 | 2.835668 | .0314540 |

Sample Name: P5184-06DLX2      Acquired: 12/20/2024 23:04:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.100617 | -.309126 | .0985686 |
| Stddev | .003525  | .000958  | .0023025 |
| %RSD   | .1136889 | .3097897 | 2.335884 |
| #1     | 3.101187 | -.310230 | .0959554 |
| #2     | 3.096841 | -.308626 | .0994516 |
| #3     | 3.103822 | -.308521 | .1002989 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1962.625 | 24041.43 | 2552.557 | 1666.250 | 2040.661 |
| Stddev    | 4.040    | 144.35   | 2.669    | 9.587    | 1.315    |
| %RSD      | .2058387 | .6004309 | .1045609 | .5753544 | .0644433 |
| #1        | 1960.629 | 24089.60 | 2550.582 | 1668.382 | 2041.968 |
| #2        | 1959.972 | 24155.54 | 2551.497 | 1674.591 | 2039.338 |
| #3        | 1967.274 | 23879.15 | 2555.594 | 1655.776 | 2040.678 |

Sample Name: P5184-07DLX2      Acquired: 12/20/2024 23:08:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6715676 | -.201329 | .3582485 | .2111571 | .0942658 | 201.5326 | .4978826 |
| Stddev | .0048466 | .002830  | .0017038 | .0035026 | .0001089 | .5530    | .0024822 |
| %RSD   | .7216831 | 1.405566 | .4756023 | 1.658780 | .1155252 | .2744024 | .4985558 |
| #1     | .6719486 | -.201163 | .3574342 | .2095999 | .0943913 | 200.9231 | .4961272 |
| #2     | .6762124 | -.198587 | .3602067 | .2151684 | .0942099 | 201.6723 | .4967980 |
| #3     | .6665417 | -.204239 | .3571046 | .2087032 | .0941963 | 202.0023 | .5007225 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108211 | .0219514 | 36.96153 | .8954053 | .2875242 | 2.239291 | 419.6742 |
| Stddev | .0001456 | .0000952 | .04021   | .0008967 | .0012791 | .006778  | 1.1125   |
| %RSD   | 1.345456 | .4338791 | .1088021 | .1001501 | .4448662 | .3026869 | .2650980 |
| #1     | .0106764 | .0218718 | 36.91969 | .8954978 | .2863074 | 2.235939 | 418.3896 |
| #2     | .0109676 | .0219253 | 36.99990 | .8962523 | .2874075 | 2.234842 | 420.3268 |
| #3     | .0108193 | .0220569 | 36.96500 | .8944659 | .2888576 | 2.247092 | 420.3062 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.294347 | 149.0908 | .5509623 | .0222090 | 1.121212 | 1.126759 | .9773416 |
| Stddev | .019590  | .5694    | .0007134 | .0007087 | .497888  | .003859  | .0122303 |
| %RSD   | .2361851 | .3818928 | .1294759 | 3.190821 | 44.40627 | .3424728 | 1.251386 |
| #1     | 8.272052 | 148.4417 | .5513016 | .0214340 | 1.284527 | 1.124601 | .9914042 |
| #2     | 8.308807 | 149.5057 | .5501426 | .0228239 | 1.516932 | 1.131214 | .9714337 |
| #3     | 8.302183 | 149.3250 | .5514427 | .0223691 | .562177  | 1.124462 | .9691869 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.259473 | 2.066238 | .0795607 | -.001044 | .4762200 | 4.257508 | .0284700 |
| Stddev | .205811  | .010187  | .0066577 | .000566  | .0105595 | .034204  | .0016631 |
| %RSD   | 4.831849 | .4930396 | 8.368061 | 54.19548 | 2.217368 | .8033697 | 5.841682 |
| #1     | 4.037622 | 2.058265 | .0861548 | -.001436 | .4881736 | 4.220269 | .0296256 |
| #2     | 4.296609 | 2.062734 | .0728412 | -.001300 | .4723261 | 4.287520 | .0292205 |
| #3     | 4.444188 | 2.077715 | .0796861 | -.000395 | .4681603 | 4.264736 | .0265639 |

Sample Name: P5184-07DLX2      Acquired: 12/20/2024 23:08:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.536793 | -.310295 | .1025865 |
| Stddev | .010886  | .000936  | .0025478 |
| %RSD   | .4291184 | .3017279 | 2.483611 |
| #1     | 2.524247 | -.309226 | .1007488 |
| #2     | 2.543740 | -.310687 | .1054950 |
| #3     | 2.542392 | -.310971 | .1015156 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1967.341 | 24115.26 | 2556.871 | 1677.980 | 2061.834 |
| Stddev    | 2.040    | 133.16   | 6.196    | 10.955   | 2.517    |
| %RSD      | .1036808 | .5521819 | .2423197 | .6528456 | .1220578 |
| #1        | 1969.503 | 23968.61 | 2560.356 | 1666.758 | 2064.368 |
| #2        | 1967.070 | 24148.58 | 2549.717 | 1678.536 | 2061.799 |
| #3        | 1965.451 | 24228.60 | 2560.540 | 1688.646 | 2059.335 |

Sample Name: P5184-08DLX2      Acquired: 12/20/2024 23:11:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2830510 | -.181027 | .0870940 | .1888541 | .0846721 | 165.5889 | .2799563 |
| Stddev | .0023946 | .001953  | .0010704 | .0035234 | .0010326 | .6003    | .0016194 |
| %RSD   | .8460103 | 1.079069 | 1.229050 | 1.865656 | 1.219523 | .3625006 | .5784382 |
| #1     | .2803481 | -.179301 | .0881663 | .1894001 | .0835040 | 164.9679 | .2780873 |
| #2     | .2838972 | -.180632 | .0870901 | .1920725 | .0850494 | 165.6327 | .2809409 |
| #3     | .2849076 | -.183148 | .0860255 | .1850895 | .0854630 | 166.1660 | .2808406 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0093282 | .0023804 | 46.73951 | .5040963 | .3850951 | .8520544 | 386.5114 |
| Stddev | .0001982 | .0001037 | .10448   | .0016797 | .0004991 | .0057698 | 1.6509   |
| %RSD   | 2.124556 | 4.357115 | .2235389 | .3332002 | .1296157 | .6771641 | .4271277 |
| #1     | .0095365 | .0022611 | 46.64207 | .5021569 | .3847743 | .8519842 | 384.6276 |
| #2     | .0093058 | .0024306 | 46.72662 | .5050806 | .3848407 | .8463200 | 387.2003 |
| #3     | .0091421 | .0024494 | 46.84984 | .5050515 | .3856701 | .8578589 | 387.7063 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.540771 | 125.7167 | .4649083 | .0214481 | .2373864 | .9038987 | .2677317 |
| Stddev | .026758  | .7580    | .0006033 | .0006952 | .6330106 | .0045558 | .0083477 |
| %RSD   | .3548465 | .6029236 | .1297655 | 3.241171 | 266.6583 | .5040178 | 3.117940 |
| #1     | 7.510357 | 124.8664 | .4655140 | .0209095 | .5148107 | .9025949 | .2614667 |
| #2     | 7.551265 | 126.3217 | .4643074 | .0222328 | -.486970 | .9089643 | .2645203 |
| #3     | 7.560692 | 125.9619 | .4649035 | .0212020 | .684319  | .9001369 | .2772083 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9117120 | 2.543421 | .0689079 | -.001798 | .1868599 | 3.320740 | .0283927 |
| Stddev | .0257919 | .004711  | .0022932 | .000334  | .0015420 | .026925  | .0009781 |
| %RSD   | 2.828950 | .1852306 | 3.327904 | 18.57448 | .8252077 | .8108120 | 3.444870 |
| #1     | .9296842 | 2.537992 | .0670884 | -.001983 | .1852728 | 3.317582 | .0294279 |
| #2     | .8821596 | 2.545836 | .0714838 | -.001412 | .1883524 | 3.349105 | .0274840 |
| #3     | .9232921 | 2.546435 | .0681517 | -.001998 | .1869545 | 3.295533 | .0282662 |

Sample Name: P5184-08DLX2      Acquired: 12/20/2024 23:11:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.727994 | -.247430 | .0599690 |
| Stddev | .007586  | .001215  | .0031844 |
| %RSD   | .1604464 | .4910006 | 5.310043 |
| #1     | 4.720668 | -.246098 | .0614916 |
| #2     | 4.735816 | -.247716 | .0621063 |
| #3     | 4.727499 | -.248477 | .0563092 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1943.915 | 23830.37 | 2513.113 | 1661.498 | 2064.811 |
| Stddev    | 4.170    | 119.06   | 5.360    | 8.156    | 6.379    |
| %RSD      | .2145226 | .4996063 | .2132992 | .4908822 | .3089485 |
| #1        | 1948.730 | 23912.70 | 2515.952 | 1668.432 | 2072.171 |
| #2        | 1941.458 | 23884.55 | 2506.930 | 1663.552 | 2061.376 |
| #3        | 1941.558 | 23693.86 | 2516.456 | 1652.512 | 2060.884 |

Sample Name: P5184-09DLX2      Acquired: 12/20/2024 23:15:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.038639 | -.166469 | 1.063894 | .1862898 | .0801022 | 155.2105 | .3927388 |
| Stddev | .005412  | .002632  | .002992  | .0073129 | .0013503 | .7173    | .0021179 |
| %RSD   | .5210529 | 1.581348 | .2811966 | 3.925555 | 1.685724 | .4621412 | .5392737 |
| #1     | 1.037139 | -.165658 | 1.060467 | .1845263 | .0801208 | 155.0670 | .3918022 |
| #2     | 1.034135 | -.169411 | 1.065227 | .1800199 | .0814431 | 154.5758 | .3912506 |
| #3     | 1.044642 | -.164337 | 1.065987 | .1943232 | .0787426 | 155.9887 | .3951635 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090213 | .0197742 | 33.42310 | .6305032 | .2301259 | 3.325520 | 353.1162 |
| Stddev | .0000283 | .0001576 | .16614   | .0021223 | .0001221 | .017666  | 1.8049   |
| %RSD   | .3141118 | .7967865 | .4970830 | .3366043 | .0530568 | .5312365 | .5111248 |
| #1     | .0090110 | .0199287 | 33.38938 | .6325591 | .2302615 | 3.337275 | 352.4386 |
| #2     | .0089995 | .0196137 | 33.27640 | .6306303 | .2300914 | 3.305204 | 351.7482 |
| #3     | .0090533 | .0197802 | 33.60351 | .6283202 | .2300247 | 3.334081 | 355.1618 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.902352 | 118.1850 | .3994183 | .0261617 | .7030484 | .9168510 | 1.679720 |
| Stddev | .028873  | .6662    | .0012993 | .0005096 | .1180976 | .0031731 | .010236  |
| %RSD   | .4891710 | .5637128 | .3253062 | 1.947986 | 16.79793 | .3460861 | .6093590 |
| #1     | 5.895012 | 117.8124 | .3995775 | .0257771 | .6256432 | .9154927 | 1.679030 |
| #2     | 5.877857 | 117.7885 | .4006307 | .0259682 | .8389794 | .9145831 | 1.669847 |
| #3     | 5.934185 | 118.9542 | .3980467 | .0267397 | .6445227 | .9204771 | 1.690283 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.57310 | 2.640419 | .0718415 | -.000242 | 1.321097 | 3.058880 | .0258749 |
| Stddev | .08462   | .008019  | .0024407 | .000195  | .011885  | .011724  | .0011234 |
| %RSD   | .8003621 | .3036937 | 3.397347 | 80.76273 | .8996379 | .3832832 | 4.341693 |
| #1     | 10.48498 | 2.635894 | .0740622 | -.000105 | 1.308774 | 3.051829 | .0264605 |
| #2     | 10.65373 | 2.649678 | .0722341 | -.000466 | 1.322028 | 3.052396 | .0245797 |
| #3     | 10.58058 | 2.635686 | .0692283 | -.000155 | 1.332489 | 3.072414 | .0265845 |



Sample Name: P5184-09DLX2      Acquired: 12/20/2024 23:15:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.674222 | -.238793 | .0801166 |
| Stddev | .009692  | .001004  | .0055378 |
| %RSD   | .3624212 | .4202764 | 6.912122 |
| #1     | 2.671001 | -.238609 | .0823427 |
| #2     | 2.666551 | -.237894 | .0738122 |
| #3     | 2.685115 | -.239876 | .0841949 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1931.634 | 23538.98 | 2503.254 | 1642.498 | 2077.350 |
| Stddev    | 8.675    | 60.08    | 11.299   | 5.466    | 6.159    |
| %RSD      | .4490850 | .2552178 | .4513788 | .3327971 | .2964596 |
| #1        | 1939.129 | 23484.51 | 2511.188 | 1637.338 | 2081.358 |
| #2        | 1922.132 | 23529.02 | 2508.257 | 1648.226 | 2070.258 |
| #3        | 1933.642 | 23603.42 | 2490.317 | 1641.930 | 2080.433 |

Sample Name: CCV084      Acquired: 12/20/2024 23:19:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.915270 | 4.787294 | 24.55162 | 4.829882 | 4.835314 | 402.0168 | 10.14504 |
| Stddev | .009119  | .015805  | .06611   | .010818  | .007934  | 4.2016   | .10839   |
| %RSD   | .1855159 | .3301460 | .2692495 | .2239813 | .1640928 | 1.045136 | 1.068436 |
| #1     | 4.906264 | 4.805386 | 24.62709 | 4.831759 | 4.837505 | 397.1686 | 10.02102 |
| #2     | 4.924497 | 4.776169 | 24.50398 | 4.818248 | 4.826515 | 404.5981 | 10.22168 |
| #3     | 4.915048 | 4.780328 | 24.52379 | 4.839639 | 4.841923 | 404.2838 | 10.19241 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5051689 | 2.474574 | 403.1730 | 15.36040 | 2.476921 | 14.92892 | 406.7090 |
| Stddev | .0042816 | .005655  | 3.6802   | .02775   | .006589  | .15000   | 4.7377   |
| %RSD   | .8475599 | .2285225 | .9127983 | .1806724 | .2660222 | 1.004768 | 1.164894 |
| #1     | .5003408 | 2.480741 | 398.9369 | 15.39175 | 2.484403 | 14.75597 | 401.3655 |
| #2     | .5066612 | 2.469633 | 404.9991 | 15.33898 | 2.471984 | 15.00725 | 410.3964 |
| #3     | .5085046 | 2.473347 | 405.5829 | 15.35046 | 2.474376 | 15.02354 | 408.3649 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.91252 | 401.7124 | 2.500303 | 1.291011 | 405.3159 | 2.498435 | 14.65389 |
| Stddev | .17042   | 5.0122   | .007573  | .001663  | 6.3646   | .022253  | .13559   |
| %RSD   | 1.142807 | 1.247710 | .3028644 | .1287814 | 1.570269 | .8906877 | .9252711 |
| #1     | 14.71984 | 396.1835 | 2.509045 | 1.292494 | 398.2206 | 2.474177 | 14.66699 |
| #2     | 15.04348 | 405.9585 | 2.496073 | 1.291325 | 410.5218 | 2.517905 | 14.78245 |
| #3     | 14.97423 | 402.9953 | 2.495789 | 1.289214 | 407.2054 | 2.503221 | 14.51223 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 149.9632 | 4.933796 | 4.884717 | 4.782925 | 4.967164 | 4.893169 | 4.925571 |
| Stddev | 1.5773   | .014494  | .054409  | .009028  | .009049  | .040076  | .017286  |
| %RSD   | 1.051783 | .2937685 | 1.113866 | .1887446 | .1821858 | .8190118 | .3509347 |
| #1     | 148.1423 | 4.950000 | 4.826111 | 4.787927 | 4.976489 | 4.850801 | 4.943938 |
| #2     | 150.9042 | 4.922068 | 4.894416 | 4.772504 | 4.966584 | 4.898237 | 4.909621 |
| #3     | 150.8432 | 4.929319 | 4.933625 | 4.788345 | 4.958418 | 4.930470 | 4.923154 |

Sample Name: CCV084      Acquired: 12/20/2024 23:19:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.998595 | 4.820864 | 5.022331 |
| Stddev | .057468  | .053245  | .052346  |
| %RSD   | 1.149681 | 1.104470 | 1.042271 |
| #1     | 4.938162 | 4.760080 | 4.962128 |
| #2     | 5.052549 | 4.859255 | 5.057109 |
| #3     | 5.005073 | 4.843258 | 5.047756 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1540.061 | 20409.31 | 2265.486 | 1307.701 | 1761.537 |
| Stddev    | 6.500    | 66.42    | 16.455   | 6.363    | 7.981    |
| %RSD      | .4220661 | .3254249 | .7263453 | .4866027 | .4530649 |
| #1        | 1535.515 | 20334.46 | 2284.389 | 1303.924 | 1753.389 |
| #2        | 1547.507 | 20432.29 | 2257.707 | 1304.132 | 1769.339 |
| #3        | 1537.162 | 20461.19 | 2254.363 | 1315.048 | 1761.883 |

Sample Name: CCB084      Acquired: 12/20/2024 23:23:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019143 | .0007552 | .0028016 | .0011450 | -.003815 | .0088139 |
| Stddev | .0015656 | .0011696 | .0022877 | .0027327 | .001413  | .0132073 |
| %RSD   | 81.78290 | 154.8642 | 81.65684 | 238.6593 | 37.02999 | 149.8464 |
| #1     | .0010722 | .0006289 | .0021450 | .0012138 | -.003845 | .0088499 |
| #2     | .0009501 | -.000346 | .0053458 | -.001621 | -.005212 | -.004411 |
| #3     | .0037207 | .001983  | .0009140 | .003843  | -.002388 | .022003  |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002545 | .0000860 | .0001783 | .0603763 | -.000051 | .0001514 |
| Stddev | .0012049 | .0001014 | .0000602 | .0055382 | .000795  | .0001399 |
| %RSD   | 473.3627 | 117.8870 | 33.75790 | 9.172804 | 1566.428 | 92.39552 |
| #1     | .0004754 | -.000007 | .0002454 | .0569120 | .000756  | .0003108 |
| #2     | .0013337 | .000071  | .0001291 | .0574532 | -.000074 | .0000951 |
| #3     | -.001045 | .000194  | .0001604 | .0667636 | -.000834 | .0000485 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001533 | .0169575 | -.000008 | .1036702 | .0005721 | .0008291 |
| Stddev | .003273  | .0325436 | .002151  | .0377525 | .0003047 | .0014039 |
| %RSD   | 213.4537 | 191.9126 | 26989.92 | 36.41600 | 53.25717 | 169.3274 |
| #1     | -.000968 | -.017302 | .002436  | .0602415 | .0006856 | .0024477 |
| #2     | .001420  | .020716  | -.001618 | .1221103 | .0008038 | -.000056 |
| #3     | -.005052 | .047459  | -.000842 | .1286586 | .0002270 | .000095  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5926814 | -.012173 | .0048768 | -.122640 | -.001547 | .0143214 |
| Stddev | .6694010 | .009577  | .0057717 | .026506  | .000689  | .0038540 |
| %RSD   | 112.9445 | 78.67241 | 118.3494 | 21.61255 | 44.56385 | 26.91050 |
| #1     | .0925032 | -.005533 | -.001580 | -.092459 | -.002287 | .0126273 |
| #2     | 1.353127 | -.023151 | .006676  | -.142136 | -.000923 | .0187322 |
| #3     | .332414  | -.007835 | .009535  | -.133324 | -.001431 | .0116046 |

Sample Name: CCB084      Acquired: 12/20/2024 23:23:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0003515 | -.008035 | -.003026 | F -.011626 | .0033046 | .0001843 |
| Stddev | .0002758 | .003214  | .000365  | .000491    | .0013690 | .0001802 |
| %RSD   | 78.47158 | 39.99975 | 12.05382 | 4.223103   | 41.42833 | 97.75092 |
| #1     | .0005050 | -.004810 | -.002680 | -.011503   | .0018860 | .0003425 |
| #2     | .0000331 | -.011238 | -.003407 | -.011208   | .0034097 | .0002223 |
| #3     | .0005165 | -.008058 | -.002991 | -.012166   | .0046180 | -.000012 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0229822 |
| Stddev | .0026951   |
| %RSD   | 11.72683   |
| #1     | .0198987   |
| #2     | .0248882   |
| #3     | .0241596   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1852.140 | 22759.73 | 2335.941 | 1572.255 | 2172.308 |
| Stddev    | 3.114    | 148.81   | 12.020   | 14.788   | 3.933    |
| %RSD      | .1681049 | .6538227 | .5145808 | .9405567 | .1810364 |
| #1        | 1850.520 | 22621.76 | 2342.933 | 1556.446 | 2169.190 |
| #2        | 1855.729 | 22740.01 | 2322.062 | 1574.572 | 2176.726 |
| #3        | 1850.170 | 22917.42 | 2342.829 | 1585.749 | 2171.007 |

Sample Name: P5184-10DLX2      Acquired: 12/20/2024 23:27:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6549880 | -.193926 | .3588911 | .2151363 | .0917886 | 195.0305 | .5703229 |
| Stddev | .0026598 | .004965  | .0021068 | .0013502 | .0027310 | 1.4146   | .0051372 |
| %RSD   | .4060810 | 2.560021 | .5870208 | .6276065 | 2.975303 | .7253308 | .9007575 |
| #1     | .6520971 | -.195224 | .3590732 | .2135773 | .0926969 | 193.5837 | .5649163 |
| #2     | .6555356 | -.188441 | .3609009 | .2159169 | .0887192 | 195.0972 | .5709127 |
| #3     | .6573314 | -.198113 | .3566992 | .2159149 | .0939497 | 196.4105 | .5751398 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113934 | .0121882 | 52.14379 | .9743154 | .3629222 | 2.328201 | 414.6371 |
| Stddev | .0001044 | .0002362 | .38345   | .0018948 | .0008502 | .024572  | 3.2295   |
| %RSD   | .9160985 | 1.937856 | .7353669 | .1944736 | .2342624 | 1.055404 | .7788736 |
| #1     | .0112845 | .0123959 | 51.80857 | .9732377 | .3623060 | 2.307099 | 411.4961 |
| #2     | .0114926 | .0122376 | 52.06091 | .9765032 | .3638921 | 2.322326 | 414.4668 |
| #3     | .0114031 | .0119313 | 52.56190 | .9732052 | .3625684 | 2.355178 | 417.9483 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.683009 | 114.9672 | .6582143 | .0291607 | .2570566 | .8031267 | .8378597 |
| Stddev | .053398  | .6827    | .0017648 | .0011749 | .2965957 | .0031845 | .0178524 |
| %RSD   | .6950204 | .5938298 | .2681213 | 4.029197 | 115.3815 | .3965113 | 2.130714 |
| #1     | 7.622466 | 114.3684 | .6576348 | .0303183 | .0475713 | .8037682 | .8351986 |
| #2     | 7.703166 | 114.8226 | .6601960 | .0279691 | .5964392 | .7996703 | .8568932 |
| #3     | 7.723395 | 115.7107 | .6568121 | .0291948 | .1271593 | .8059416 | .8214872 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.953346 | 2.918114 | .0873716 | -.000952 | .9813264 | 4.619651 | .0328037 |
| Stddev | .146628  | .002496  | .0045191 | .000466  | .0109244 | .014618  | .0025692 |
| %RSD   | 2.960189 | .0855385 | 5.172293 | 48.92523 | 1.113225 | .3164324 | 7.831967 |
| #1     | 4.797046 | 2.916862 | .0821609 | -.001482 | .9811919 | 4.606836 | .0327708 |
| #2     | 4.975128 | 2.920988 | .0897347 | -.000609 | .9923175 | 4.616543 | .0353891 |
| #3     | 5.087866 | 2.916491 | .0902192 | -.000764 | .9704700 | 4.635573 | .0302511 |

Sample Name: P5184-10DLX2      Acquired: 12/20/2024 23:27:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.340013 | -.204207 | .0851634 |
| Stddev | .040920  | .001766  | .0037709 |
| %RSD   | .9428561 | .8648103 | 4.427854 |
| #1     | 4.294323 | -.202394 | .0811478 |
| #2     | 4.352426 | -.204306 | .0886293 |
| #3     | 4.373289 | -.205922 | .0857130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1982.221 | 24160.77 | 2561.806 | 1676.646 | 2080.028 |
| Stddev    | 2.348    | 171.44   | 4.504    | 12.707   | .949     |
| %RSD      | .1184734 | .7095847 | .1758001 | .7578943 | .0456411 |
| #1        | 1979.703 | 24163.92 | 2563.400 | 1675.165 | 2079.882 |
| #2        | 1984.351 | 23987.78 | 2556.723 | 1664.744 | 2081.042 |
| #3        | 1982.611 | 24330.62 | 2565.297 | 1690.029 | 2079.160 |

Sample Name: P5184-11DLX2      Acquired: 12/20/2024 23:30:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9154780 | -.173451 | .6959107 | .1984754 | .0847669 | 177.8995 | .5388761 |
| Stddev | .0028819 | .003221  | .0015155 | .0040757 | .0006778 | .7860    | .0023001 |
| %RSD   | .3147935 | 1.856943 | .2177693 | 2.053523 | .7996279 | .4418428 | .4268384 |
| #1     | .9186666 | -.177167 | .6944624 | .2003576 | .0844721 | 177.3913 | .5363327 |
| #2     | .9130592 | -.171736 | .6957842 | .1937987 | .0842864 | 177.5024 | .5394854 |
| #3     | .9147081 | -.171450 | .6974855 | .2012700 | .0855422 | 178.8049 | .5408102 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105772 | .0392271 | 38.76393 | .8652671 | .3389957 | 3.540342 | 382.5390 |
| Stddev | .0001427 | .0002187 | .20508   | .0071677 | .0017653 | .018775  | 1.5722   |
| %RSD   | 1.348927 | .5575247 | .5290591 | .8283784 | .5207409 | .5303093 | .4109832 |
| #1     | .0104430 | .0389936 | 38.54644 | .8569965 | .3371880 | 3.548902 | 381.7782 |
| #2     | .0105615 | .0392606 | 38.79155 | .8696740 | .3390840 | 3.518813 | 381.4920 |
| #3     | .0107270 | .0394272 | 38.95381 | .8691307 | .3407153 | 3.553312 | 384.3469 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.666714 | 111.0839 | .5843091 | .0294781 | .6283734 | .7344496 | 1.584643 |
| Stddev | .035514  | .4145    | .0017461 | .0013255 | .4469363 | .0064036 | .010882  |
| %RSD   | .4097746 | .3731306 | .2988328 | 4.496697 | 71.12591 | .8718838 | .6867024 |
| #1     | 8.650939 | 110.6181 | .5825538 | .0307635 | .1165517 | .7296635 | 1.581446 |
| #2     | 8.641821 | 111.2214 | .5843277 | .0281158 | .9415638 | .7319615 | 1.596765 |
| #3     | 8.707383 | 111.4122 | .5860459 | .0295551 | .8270049 | .7417238 | 1.575718 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.615478 | 2.591552 | .0703648 | -.000955 | .4513585 | 4.284997 | .0303375 |
| Stddev | .043508  | .003598  | .0013269 | .000882  | .0035849 | .023631  | .0003828 |
| %RSD   | .7747892 | .1388251 | 1.885739 | 92.41114 | .7942434 | .5514755 | 1.261908 |
| #1     | 5.585204 | 2.587658 | .0718743 | -.001358 | .4554389 | 4.258576 | .0305888 |
| #2     | 5.595895 | 2.594752 | .0698369 | -.001563 | .4499220 | 4.292302 | .0305268 |
| #3     | 5.665337 | 2.592245 | .0693830 | .000057  | .4487148 | 4.304112 | .0298969 |



Sample Name: P5184-11DLX2      Acquired: 12/20/2024 23:30:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.611357 | -.215494 | .0846840 |
| Stddev | .029922  | .000787  | .0018131 |
| %RSD   | .6488786 | .3651917 | 2.141049 |
| #1     | 4.588147 | -.215121 | .0860205 |
| #2     | 4.600796 | -.214963 | .0826201 |
| #3     | 4.645128 | -.216398 | .0854115 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1978.407 | 24260.77 | 2547.114 | 1686.517 | 2091.458 |
| Stddev    | 5.114    | 23.34    | 8.117    | 5.388    | 3.104    |
| %RSD      | .2584678 | .0962004 | .3186587 | .3194662 | .1484080 |
| #1        | 1981.032 | 24282.37 | 2548.273 | 1681.406 | 2094.203 |
| #2        | 1972.514 | 24263.93 | 2554.588 | 1686.002 | 2088.090 |
| #3        | 1981.675 | 24236.01 | 2538.480 | 1692.144 | 2092.081 |

Sample Name: P5184-12DLX2      Acquired: 12/20/2024 23:34:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.006587 | -.196711 | .9893813 | .2092174 | .0924682 | 187.9261 | .3762208 |
| Stddev | .002415  | .001917  | .0014537 | .0022835 | .0026394 | 1.0263   | .0023592 |
| %RSD   | .2399509 | .9743633 | .1469260 | 1.091455 | 2.854378 | .5461152 | .6270897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.005561 | -.198742 | .9909987 | .2104323 | .0931896 | 188.2084 | .3769597 |
| #2 | 1.004854 | -.194933 | .9881838 | .2106366 | .0946718 | 188.7817 | .3781221 |
| #3 | 1.009346 | -.196460 | .9889614 | .2065832 | .0895431 | 186.7882 | .3735805 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105053 | .0189486 | 32.93721 | .9208551 | .3194044 | 3.280235 | 409.9637 |
| Stddev | .0001433 | .0001086 | .21286   | .0041764 | .0008249 | .017721  | 2.1001   |
| %RSD   | 1.363827 | .5730157 | .6462491 | .4535333 | .2582590 | .5402315 | .5122642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106636 | .0188720 | 33.02835 | .9256025 | .3187570 | 3.287991 | 410.6730 |
| #2 | .0104678 | .0189009 | 33.08933 | .9192153 | .3203331 | 3.292756 | 411.6172 |
| #3 | .0103846 | .0190728 | 32.69397 | .9177475 | .3191229 | 3.259959 | 407.6008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.074478 | 137.1965 | .6032670 | .0316143 | .7465114 | .8636230 | 1.784638 |
| Stddev | .028108  | .6780    | .0009660 | .0017945 | .8000270 | .0137918 | .014824  |
| %RSD   | .3973179 | .4941861 | .1601223 | 5.676070 | 107.1688 | 1.596967 | .8306326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.085968 | 137.5009 | .6042992 | .0302007 | 1.062641 | .8518422 | 1.788939 |
| #2 | 7.095020 | 137.6689 | .6031170 | .0336331 | 1.340172 | .8787936 | 1.796835 |
| #3 | 7.042445 | 136.4196 | .6023848 | .0310090 | -.163278 | .8602332 | 1.768139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.066945 | 2.817480 | .0708638 | -.001010 | .5420514 | 3.138488 | .0335991 |
| Stddev | .076989  | .004622  | .0014019 | .000269  | .0097086 | .019760  | .0013192 |
| %RSD   | 1.268998 | .1640302 | 1.978318 | 26.64335 | 1.791078 | .6296001 | 3.926280 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.073108 | 2.812220 | .0710462 | -.000749 | .5531881 | 3.152093 | .0334305 |
| #2 | 6.140667 | 2.820891 | .0721655 | -.001287 | .5375945 | 3.147549 | .0323724 |
| #3 | 5.987059 | 2.819330 | .0693796 | -.000994 | .5353714 | 3.115823 | .0349945 |

Sample Name: P5184-12DLX2      Acquired: 12/20/2024 23:34:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.876039 | -.293320 | .0815765 |
| Stddev | .037548  | .001330  | .0025586 |
| %RSD   | .7700446 | .4535780 | 3.136459 |
| #1     | 4.887063 | -.293830 | .0830296 |
| #2     | 4.906840 | -.294320 | .0830777 |
| #3     | 4.834213 | -.291810 | .0786222 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1902.021 | 23385.67 | 2461.063 | 1627.417 | 2052.252 |
| Stddev    | 5.152    | 108.88   | 13.727   | 8.525    | 4.742    |
| %RSD      | .2708456 | .4656010 | .5577544 | .5238237 | .2310408 |
| #1        | 1906.700 | 23355.48 | 2459.824 | 1626.321 | 2056.820 |
| #2        | 1896.500 | 23295.07 | 2447.998 | 1619.493 | 2047.354 |
| #3        | 1902.861 | 23506.46 | 2475.367 | 1636.436 | 2052.584 |

Sample Name: P5184-13DLX2      Acquired: 12/20/2024 23:38:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6515233 | -.161981 | .3506218 | .1749230 | .0773198 | 160.0453 | .3979656 |
| Stddev | .0078059 | .002299  | .0031484 | .0027079 | .0035075 | .4698    | .0022151 |
| %RSD   | 1.198105 | 1.419291 | .8979600 | 1.548071 | 4.536351 | .2935282 | .5565959 |
| #1     | .6442657 | -.164127 | .3505955 | .1761398 | .0810546 | 160.5572 | .4001821 |
| #2     | .6597811 | -.162261 | .3474865 | .1718202 | .0768095 | 159.6338 | .3979626 |
| #3     | .6505232 | -.159554 | .3537832 | .1768091 | .0740955 | 159.9450 | .3957520 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090964 | .0273842 | 31.26661 | .6743382 | .2728950 | 1.978714 | 343.8334 |
| Stddev | .0002568 | .0001963 | .05972   | .0011943 | .0010543 | .010278  | 1.0762   |
| %RSD   | 2.823588 | .7169686 | .1909988 | .1771118 | .3863397 | .5194518 | .3129918 |
| #1     | .0093927 | .0274145 | 31.30045 | .6729800 | .2718088 | 1.985296 | 345.0598 |
| #2     | .0089375 | .0271745 | 31.19766 | .6748098 | .2729622 | 1.983975 | 343.3939 |
| #3     | .0089590 | .0275637 | 31.30173 | .6752246 | .2739142 | 1.966870 | 343.0466 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.825918 | 107.8026 | .4253865 | .0214098 | .4417396 | .7285345 | 1.018017 |
| Stddev | .039790  | .5219    | .0029136 | .0007116 | .1968158 | .0034188 | .034434  |
| %RSD   | .5084332 | .4841359 | .6849399 | 3.323883 | 44.55470 | .4692706 | 3.382460 |
| #1     | 7.871053 | 108.4043 | .4246024 | .0222284 | .3870552 | .7312853 | .982985  |
| #2     | 7.810788 | 107.4721 | .4229451 | .0210633 | .2780487 | .7247070 | 1.051820 |
| #3     | 7.795913 | 107.5314 | .4286119 | .0209378 | .6601150 | .7296112 | 1.019246 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.194080 | 2.151061 | .0631783 | -.001006 | .2905241 | 4.046152 | .0247810 |
| Stddev | .025110  | .006491  | .0023939 | .000626  | .0064419 | .032824  | .0010782 |
| %RSD   | .7861524 | .3017574 | 3.789172 | 62.25037 | 2.217331 | .8112304 | 4.350980 |
| #1     | 3.212803 | 2.148622 | .0605572 | -.001182 | .2891461 | 4.071805 | .0250242 |
| #2     | 3.203891 | 2.146143 | .0637285 | -.000311 | .2975434 | 4.009163 | .0257168 |
| #3     | 3.165545 | 2.158418 | .0652492 | -.001526 | .2848827 | 4.057489 | .0236020 |

Sample Name: P5184-13DLX2      Acquired: 12/20/2024 23:38:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.028490 | -.214214 | .0714819 |
| Stddev | .017440  | .000566  | .0051302 |
| %RSD   | .5758569 | .2641921 | 7.176903 |
| #1     | 3.048265 | -.214730 | .0671031 |
| #2     | 3.021896 | -.214303 | .0702161 |
| #3     | 3.015309 | -.213609 | .0771265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1922.409 | 23722.26 | 2484.534 | 1644.425 | 2060.656 |
| Stddev    | 4.512    | 141.80   | 20.423   | 13.416   | 3.396    |
| %RSD      | .2347077 | .5977408 | .8219975 | .8158378 | .1647963 |
| #1        | 1922.648 | 23678.50 | 2461.001 | 1649.151 | 2061.488 |
| #2        | 1926.798 | 23607.49 | 2497.617 | 1629.286 | 2063.558 |
| #3        | 1917.783 | 23880.77 | 2494.985 | 1654.839 | 2056.921 |

Sample Name: P5184-14DLX2      Acquired: 12/20/2024 23:42:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8596562 | -.179581 | .7098621 | .1921284 | .0879814 | 173.6850 | .4489230 |
| Stddev | .0037645 | .004082  | .0046461 | .0046695 | .0006059 | .4750    | .0012355 |
| %RSD   | .4379120 | 2.273145 | .6545065 | 2.430392 | .6886756 | .2735007 | .2752106 |
| #1     | .8563063 | -.183839 | .7079284 | .1878468 | .0877296 | 173.2203 | .4483501 |
| #2     | .8637301 | -.179202 | .7151627 | .1914311 | .0875420 | 174.1697 | .4503409 |
| #3     | .8589321 | -.175702 | .7064952 | .1971073 | .0886726 | 173.6649 | .4480779 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104246 | .0243229 | 32.90611 | .8410022 | .4415030 | 3.599903 | 387.6456 |
| Stddev | .0001551 | .0001235 | .10837   | .0028822 | .0006174 | .019892  | 1.3042   |
| %RSD   | 1.487447 | .5079550 | .3293160 | .3427114 | .1398311 | .5525648 | .3364302 |
| #1     | .0105974 | .0241948 | 32.82368 | .8392825 | .4418684 | 3.582971 | 386.7292 |
| #2     | .0102977 | .0244414 | 32.86581 | .8393944 | .4418503 | 3.594929 | 389.1387 |
| #3     | .0103788 | .0243325 | 33.02886 | .8443296 | .4407902 | 3.621810 | 387.0691 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.970402 | 118.3581 | .5322681 | .0258794 | .6562949 | .7178055 | 1.353600 |
| Stddev | .038620  | .6355    | .0006882 | .0007981 | .4608495 | .0130948 | .011047  |
| %RSD   | .4305285 | .5369069 | .1293045 | 3.084032 | 70.21988 | 1.824282 | .8161077 |
| #1     | 8.941033 | 118.1824 | .5314793 | .0250138 | 1.059766 | .7329125 | 1.358919 |
| #2     | 9.014148 | 119.0629 | .5325785 | .0260383 | .154076  | .7096967 | 1.360982 |
| #3     | 8.956024 | 117.8290 | .5327464 | .0265861 | .755043  | .7108073 | 1.340900 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.456182 | 2.833397 | .0805579 | -.000708 | .4556317 | 3.881264 | .0295753 |
| Stddev | .119964  | .000279  | .0060440 | .000210  | .0106027 | .005220  | .0004227 |
| %RSD   | 2.692082 | .0098446 | 7.502731 | 29.59985 | 2.327031 | .1345027 | 1.429201 |
| #1     | 4.593960 | 2.833471 | .0735875 | -.000609 | .4479437 | 3.887000 | .0290899 |
| #2     | 4.374868 | 2.833088 | .0837412 | -.000949 | .4512241 | 3.876791 | .0298621 |
| #3     | 4.399718 | 2.833631 | .0843449 | -.000567 | .4677272 | 3.880001 | .0297740 |

Sample Name: P5184-14DLX2      Acquired: 12/20/2024 23:42:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.576113 | -.254342 | .0787264 |
| Stddev | .007260  | .001007  | .0031182 |
| %RSD   | .2030272 | .3958615 | 3.960777 |
| #1     | 3.570603 | -.253406 | .0790436 |
| #2     | 3.584340 | -.255408 | .0754617 |
| #3     | 3.573395 | -.254213 | .0816738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1918.480 | 23696.89 | 2484.758 | 1634.554 | 2058.384 |
| Stddev    | 4.405    | 64.87    | 7.838    | 5.470    | 3.550    |
| %RSD      | .2296069 | .2737550 | .3154466 | .3346738 | .1724575 |
| #1        | 1922.061 | 23770.11 | 2478.463 | 1639.336 | 2061.842 |
| #2        | 1919.817 | 23673.99 | 2482.273 | 1628.589 | 2058.560 |
| #3        | 1913.561 | 23646.57 | 2493.537 | 1635.737 | 2054.749 |

Sample Name: P5184-15DLX2      Acquired: 12/20/2024 23:46:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7984298 | -.159602 | .6187280 | .1718291 | .0780310 | 155.2934 | .3952282 |
| Stddev | .0037335 | .003741  | .0022145 | .0041661 | .0006397 | 1.0687   | .0028099 |
| %RSD   | .4675993 | 2.343850 | .3579034 | 2.424579 | .8198353 | .6882082 | .7109538 |
| #1     | .7952524 | -.157070 | .6204110 | .1678441 | .0786525 | 154.2643 | .3922047 |
| #2     | .7974951 | -.157837 | .6162193 | .1714879 | .0780660 | 155.2180 | .3957205 |
| #3     | .8025417 | -.163899 | .6195537 | .1761553 | .0773745 | 156.3978 | .3977595 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0093303 | .0218845 | 30.63718 | .7024296 | .4215317 | 3.392672 | 342.2082 |
| Stddev | .0000861 | .0000863 | .30180   | .0017620 | .0009813 | .010184  | 2.3203   |
| %RSD   | .9226993 | .3943162 | .9850700 | .2508480 | .2327922 | .3001714 | .6780418 |
| #1     | .0092730 | .0219043 | 30.31894 | .7008661 | .4219761 | 3.391292 | 340.4926 |
| #2     | .0092885 | .0219592 | 30.67332 | .7043389 | .4204068 | 3.383249 | 341.2837 |
| #3     | .0094293 | .0217901 | 30.91928 | .7020837 | .4222122 | 3.403476 | 344.8482 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.634876 | 102.7403 | .4555914 | .0236545 | -.023138 | .6363429 | 1.189000 |
| Stddev | .059941  | .6588    | .0011765 | .0009450 | .304041  | .0015985 | .010693  |
| %RSD   | .7850978 | .6412448 | .2582352 | 3.995184 | 1314.051 | .2511964 | .8993636 |
| #1     | 7.571460 | 102.1639 | .4551813 | .0228293 | .326923  | .6357914 | 1.190949 |
| #2     | 7.642566 | 102.5987 | .4546748 | .0234487 | -.221268 | .6350933 | 1.198584 |
| #3     | 7.690601 | 103.4585 | .4569180 | .0246855 | -.175068 | .6381441 | 1.177465 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.775515 | 2.474120 | .0664969 | -.000419 | .4156269 | 4.387170 | .0241631 |
| Stddev | .074497  | .010812  | .0045226 | .000595  | .0051327 | .029186  | .0006690 |
| %RSD   | 1.973157 | .4369834 | 6.801232 | 141.8102 | 1.234936 | .6652614 | 2.768864 |
| #1     | 3.691350 | 2.469600 | .0681360 | .000235  | .4147157 | 4.354672 | .0236531 |
| #2     | 3.802201 | 2.466303 | .0613833 | -.000928 | .4211541 | 4.395690 | .0239155 |
| #3     | 3.832992 | 2.486458 | .0699714 | -.000565 | .4110107 | 4.411148 | .0249206 |



Sample Name: P5184-15DLX2      Acquired: 12/20/2024 23:46:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.465620 | -.216065 | .0710209 |
| Stddev | .027957  | .001613  | .0028319 |
| %RSD   | .8066989 | .7463456 | 3.987450 |
| #1     | 3.447207 | -.215257 | .0711653 |
| #2     | 3.451864 | -.215016 | .0681196 |
| #3     | 3.497790 | -.217922 | .0737779 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1915.999 | 23615.67 | 2470.527 | 1629.736 | 2060.350 |
| Stddev    | 5.758    | 33.51    | 11.263   | 3.893    | 5.086    |
| %RSD      | .3004965 | .1419088 | .4559102 | .2388940 | .2468321 |
| #1        | 1914.121 | 23602.06 | 2482.103 | 1626.773 | 2058.122 |
| #2        | 1911.414 | 23591.10 | 2469.874 | 1628.290 | 2056.759 |
| #3        | 1922.461 | 23653.84 | 2459.604 | 1634.146 | 2066.169 |

Sample Name: P5184-16DLX2      Acquired: 12/20/2024 23:49:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3417752 | -.156719 | .1364621 | .1651292 | .0695304 | 150.5747 | .3219475 |
| Stddev | .0026774 | .003879  | .0024576 | .0047334 | .0016746 | .9110    | .0016592 |
| %RSD   | .7833703 | 2.474860 | 1.800961 | 2.866499 | 2.408383 | .6050459 | .5153621 |
| #1     | .3438185 | -.160164 | .1364575 | .1649114 | .0676993 | 149.6443 | .3207308 |
| #2     | .3387443 | -.157474 | .1340068 | .1699678 | .0709838 | 151.4651 | .3238375 |
| #3     | .3427627 | -.152518 | .1389221 | .1605084 | .0699082 | 150.6146 | .3212741 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088357 | .0035612 | 38.18159 | .5440091 | .2693758 | .7519262 | 332.5615 |
| Stddev | .0000929 | .0002244 | .29274   | .0016380 | .0018482 | .0032642 | 1.8235   |
| %RSD   | 1.050979 | 6.299833 | .7667158 | .3011039 | .6861083 | .4341072 | .5483144 |
| #1     | .0088727 | .0037825 | 37.84357 | .5458556 | .2683415 | .7483393 | 330.5877 |
| #2     | .0089043 | .0033340 | 38.35279 | .5427309 | .2715096 | .7527170 | 334.1834 |
| #3     | .0087300 | .0035670 | 38.34841 | .5434409 | .2682763 | .7547224 | 332.9133 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.396820 | 108.9158 | .4255595 | .0174623 | .7670411 | .7493160 | .3443611 |
| Stddev | .045753  | .4481    | .0030552 | .0010644 | .5773519 | .0102980 | .0101286 |
| %RSD   | .6185432 | .4114441 | .7179369 | 6.095182 | 75.27001 | 1.374314 | 2.941276 |
| #1     | 7.348198 | 108.4994 | .4231093 | .0175140 | 1.433658 | .7513616 | .3381344 |
| #2     | 7.439026 | 109.3901 | .4289828 | .0184999 | .440914  | .7381487 | .3389006 |
| #3     | 7.403236 | 108.8580 | .4245864 | .0163730 | .426552  | .7584376 | .3560482 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.679408 | 2.592081 | .0612811 | -.000816 | .2918597 | 3.916037 | .0230717 |
| Stddev | .123470  | .022998  | .0061127 | .000488  | .0031476 | .030798  | .0009448 |
| %RSD   | 2.638590 | .8872499 | 9.974817 | 59.76175 | 1.078451 | .7864542 | 4.095127 |
| #1     | 4.722843 | 2.572390 | .0627449 | -.000254 | .2889396 | 3.912905 | .0228431 |
| #2     | 4.775291 | 2.617357 | .0545694 | -.001130 | .2914458 | 3.948282 | .0241098 |
| #3     | 4.540089 | 2.586496 | .0665290 | -.001065 | .2951938 | 3.886926 | .0222622 |

Sample Name: P5184-16DLX2      Acquired: 12/20/2024 23:49:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.111703 | -.181795 | .0600906 |
| Stddev | .016347  | .001105  | .0020471 |
| %RSD   | .5253467 | .6076832 | 3.406624 |
| #1     | 3.093066 | -.180554 | .0587472 |
| #2     | 3.123612 | -.182672 | .0624466 |
| #3     | 3.118432 | -.182158 | .0590780 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1932.841 | 23617.21 | 2480.361 | 1636.603 | 2061.357 |
| Stddev    | 10.142   | 57.31    | 13.589   | 7.163    | 9.781    |
| %RSD      | .5247279 | .2426554 | .5478555 | .4376449 | .4744949 |
| #1        | 1940.031 | 23671.75 | 2488.098 | 1641.608 | 2066.604 |
| #2        | 1921.240 | 23622.38 | 2464.671 | 1639.803 | 2050.072 |
| #3        | 1937.252 | 23557.49 | 2488.316 | 1628.399 | 2067.395 |

Sample Name: P5184-17DLX2      Acquired: 12/20/2024 23:53:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4371896 | -.199636 | .1562844 | .2141303 | .0971516 | 192.0941 | .3738182 |
| Stddev | .0039935 | .003218  | .0000568 | .0049260 | .0041277 | .3362    | .0006438 |
| %RSD   | .9134498 | 1.611769 | .0363668 | 2.300474 | 4.248698 | .1750056 | .1722336 |
| #1     | .4329787 | -.196025 | .1562801 | .2087049 | .0924450 | 191.8702 | .3740649 |
| #2     | .4409228 | -.200683 | .1563433 | .2153632 | .1001557 | 191.9313 | .3730875 |
| #3     | .4376672 | -.202200 | .1562299 | .2183227 | .0988542 | 192.4806 | .3743022 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111073 | .0043711 | 46.77236 | .5996913 | .3164905 | .8894737 | 438.2613 |
| Stddev | .0002015 | .0001235 | .09079   | .0011405 | .0002726 | .0056885 | .8115    |
| %RSD   | 1.814535 | 2.825595 | .1941066 | .1901866 | .0861214 | .6395387 | .1851530 |
| #1     | .0113022 | .0044463 | 46.70631 | .6010041 | .3167911 | .8850724 | 437.3735 |
| #2     | .0111200 | .0044385 | 46.73489 | .5991255 | .3164212 | .8874517 | 438.4459 |
| #3     | .0108997 | .0042286 | 46.87589 | .5989443 | .3162593 | .8958970 | 438.9646 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.56790 | 135.1683 | .5051830 | .0216760 | 1.142002 | .9332170 | .4005269 |
| Stddev | .01177   | .3609    | .0009005 | .0013649 | .714243  | .0016657 | .0075318 |
| %RSD   | .1017167 | .2670122 | .1782609 | 6.296828 | 62.54307 | .1784846 | 1.880475 |
| #1     | 11.55486 | 134.8341 | .5050022 | .0201462 | .347709  | .9313144 | .3952275 |
| #2     | 11.57112 | 135.1197 | .5061602 | .0227690 | 1.731417 | .9339250 | .3972046 |
| #3     | 11.57772 | 135.5510 | .5043866 | .0221128 | 1.346882 | .9344118 | .4091487 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.156204 | 3.629857 | .0807410 | -.000825 | .3489956 | 2.222472 | .0308533 |
| Stddev | .027201  | .003380  | .0022254 | .000511  | .0038055 | .014268  | .0027690 |
| %RSD   | .5275395 | .0931283 | 2.756175 | 61.89381 | 1.090420 | .6420096 | 8.974775 |
| #1     | 5.146793 | 3.629628 | .0781789 | -.001369 | .3448969 | 2.235346 | .0279087 |
| #2     | 5.186860 | 3.633346 | .0818517 | -.000356 | .3524170 | 2.207131 | .0312465 |
| #3     | 5.134957 | 3.626597 | .0821923 | -.000751 | .3496730 | 2.224939 | .0334046 |

Sample Name: P5184-17DLX2      Acquired: 12/20/2024 23:53:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.587175 | -.224913 | .0738305 |
| Stddev | .002409  | .000742  | .0025716 |
| %RSD   | .0671530 | .3297303 | 3.483105 |
| #1     | 3.584484 | -.224128 | .0731302 |
| #2     | 3.589131 | -.225010 | .0716816 |
| #3     | 3.587909 | -.225602 | .0766797 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1998.017 | 24462.58 | 2596.830 | 1693.548 | 2084.253 |
| Stddev    | 1.742    | 39.21    | 13.594   | 6.393    | 1.603    |
| %RSD      | .0872086 | .1602753 | .5234760 | .3774809 | .0769234 |
| #1        | 1998.894 | 24438.81 | 2581.432 | 1686.565 | 2082.916 |
| #2        | 1999.147 | 24441.10 | 2607.168 | 1694.966 | 2086.031 |
| #3        | 1996.011 | 24507.83 | 2601.890 | 1699.113 | 2083.813 |

Sample Name: P5184-18DLX2      Acquired: 12/20/2024 23:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4097857 | -.187118 | .1583908 | .2009137 | .0876725 | 177.7813 | .3498759 |
| Stddev | .0055980 | .005094  | .0027139 | .0137471 | .0052176 | 6.7018   | .0148532 |
| %RSD   | 1.366078 | 2.722428 | 1.713437 | 6.842286 | 5.951212 | 3.769678 | 4.245278 |
| #1     | .4162140 | -.192822 | .1596543 | .2150750 | .0916110 | 184.2929 | .3643307 |
| #2     | .4071591 | -.185510 | .1602426 | .1876221 | .0817549 | 170.9043 | .3346540 |
| #3     | .4059840 | -.183022 | .1552755 | .2000440 | .0896516 | 178.1467 | .3506430 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104248 | .0042746 | 43.65597 | .5598041 | .3084178 | .8692729 | 408.0159 |
| Stddev | .0005410 | .0002346 | 1.59281  | .0031567 | .0004481 | .0334554 | 15.6665  |
| %RSD   | 5.189913 | 5.488010 | 3.648552 | .5638999 | .1452742 | 3.848662 | 3.839686 |
| #1     | .0110237 | .0040038 | 45.21024 | .5626491 | .3082067 | .9062308 | 423.0498 |
| #2     | .0099714 | .0044142 | 42.02723 | .5603551 | .3081144 | .8410549 | 391.7853 |
| #3     | .0102792 | .0044059 | 43.73045 | .5564082 | .3089325 | .8605329 | 409.2124 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.04948 | 122.3202 | .4530746 | .0212412 | .5402607 | .9056722 | .3857242 |
| Stddev | .42933   | 4.9190   | .0005652 | .0039177 | .6795159 | .0363417 | .0093499 |
| %RSD   | 3.885497 | 4.021382 | .1247372 | 18.44358 | 125.7756 | 4.012677 | 2.423985 |
| #1     | 11.45402 | 127.0471 | .4527091 | .0250066 | 1.302457 | .9431175 | .3913330 |
| #2     | 10.59905 | 117.2294 | .4527892 | .0171873 | .320516  | .8705451 | .3909090 |
| #3     | 11.09538 | 122.6841 | .4537256 | .0215298 | -.002190 | .9033539 | .3749306 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.668891 | 3.277760 | .0769535 | -.000478 | .3906753 | 4.228166 | .0297741 |
| Stddev | .295177  | .013457  | .0032725 | .000775  | .0025680 | .175663  | .0018085 |
| %RSD   | 6.322208 | .4105567 | 4.252541 | 162.2904 | .6573311 | 4.154602 | 6.074227 |
| #1     | 4.997274 | 3.285400 | .0787588 | -.000807 | .3890304 | 4.410274 | .0314458 |
| #2     | 4.425623 | 3.262222 | .0731760 | -.001034 | .3936344 | 4.059748 | .0278544 |
| #3     | 4.583776 | 3.285658 | .0789256 | .000408  | .3893610 | 4.214476 | .0300223 |

Sample Name: P5184-18DLX2      Acquired: 12/20/2024 23:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.150522 | -.164083 | .0637480 |
| Stddev | .152672  | .005965  | .0018360 |
| %RSD   | 3.678371 | 3.635229 | 2.880060 |
| #1     | 4.297586 | -.170056 | .0657878 |
| #2     | 3.992801 | -.158126 | .0622278 |
| #3     | 4.161178 | -.164068 | .0632285 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1954.065 | 23975.86 | 2545.086 | 1663.051 | 2055.412 |
| Stddev    | 3.105    | 43.86    | 101.489  | 4.530    | 4.337    |
| %RSD      | .1588974 | .1829511 | 3.987629 | .2724065 | .2110157 |
| #1        | 1957.646 | 23948.58 | 2443.213 | 1662.263 | 2056.546 |
| #2        | 1952.433 | 23952.53 | 2646.186 | 1658.966 | 2059.070 |
| #3        | 1952.116 | 24026.45 | 2545.859 | 1667.924 | 2050.621 |

Sample Name: P5184-19DLX2      Acquired: 12/21/2024 0:01:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4113712 | -.171014 | .1332807 | .1843164 | .0777026 | 154.6077 | .3185676 |
| Stddev | .0034590 | .003767  | .0016544 | .0056942 | .0031813 | 4.5659   | .0098735 |
| %RSD   | .8408497 | 2.202816 | 1.241278 | 3.089366 | 4.094199 | 2.953199 | 3.099330 |
| #1     | .4113664 | -.167018 | .1330425 | .1808900 | .0747470 | 151.9153 | .3125891 |
| #2     | .4079145 | -.171521 | .1350413 | .1908895 | .0810696 | 159.8795 | .3299639 |
| #3     | .4148326 | -.174501 | .1317584 | .1811698 | .0772913 | 152.0283 | .3131498 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095812 | .0035412 | 39.58263 | .4360766 | .2511017 | .7418004 | 369.9549 |
| Stddev | .0003766 | .0002983 | 1.18342  | .0013405 | .0014135 | .0209018 | 10.4023  |
| %RSD   | 3.930923 | 8.422947 | 2.989757 | .3074059 | .5629249 | 2.817716 | 2.811788 |
| #1     | .0092897 | .0035261 | 38.93481 | .4363188 | .2519646 | .7324047 | 363.2572 |
| #2     | .0100064 | .0032508 | 40.94853 | .4346315 | .2494704 | .7657512 | 381.9388 |
| #3     | .0094474 | .0038468 | 38.86455 | .4372796 | .2518700 | .7272452 | 364.6687 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.662774 | 105.2998 | .3820323 | .0192583 | .7046737 | .8217891 | .3318849 |
| Stddev | .286725  | 2.9024   | .0012314 | .0016126 | .4164371 | .0300573 | .0072021 |
| %RSD   | 2.967313 | 2.756307 | .3223240 | 8.373627 | 59.09645 | 3.657541 | 2.170060 |
| #1     | 9.484858 | 103.4589 | .3834227 | .0179102 | .9226281 | .8031609 | .3264275 |
| #2     | 9.993539 | 108.6455 | .3810796 | .0210448 | .2244933 | .8564642 | .3291790 |
| #3     | 9.509926 | 103.7949 | .3815946 | .0188200 | .9668996 | .8057421 | .3400480 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.401776 | 2.966647 | .0721969 | -.001090 | .3031974 | 4.178758 | .0252228 |
| Stddev | .165713  | .012319  | .0028015 | .000602  | .0013433 | .138233  | .0008549 |
| %RSD   | 4.871365 | .4152583 | 3.880414 | 55.27803 | .4430377 | 3.307995 | 3.389558 |
| #1     | 3.285509 | 2.969037 | .0698121 | -.000723 | .3025291 | 4.107052 | .0246206 |
| #2     | 3.591523 | 2.953308 | .0752822 | -.001785 | .3023194 | 4.338110 | .0262014 |
| #3     | 3.328296 | 2.977597 | .0714965 | -.000761 | .3047438 | 4.091111 | .0248465 |



Sample Name: P5184-19DLX2      Acquired: 12/21/2024 0:01:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.878527 | -.187873 | .0596839 |
| Stddev | .084917  | .005057  | .0036704 |
| %RSD   | 2.949999 | 2.691789 | 6.149655 |
| #1     | 2.819404 | -.184190 | .0563434 |
| #2     | 2.975832 | -.193639 | .0636130 |
| #3     | 2.840345 | -.185790 | .0590953 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1942.420 | 23730.43 | 2504.528 | 1651.865 | 2056.460 |
| Stddev    | 3.390    | 120.82   | 70.117   | 6.300    | 3.723    |
| %RSD      | .1745276 | .5091168 | 2.799596 | .3814009 | .1810173 |
| #1        | 1940.521 | 23682.57 | 2531.718 | 1649.500 | 2055.664 |
| #2        | 1946.334 | 23867.84 | 2424.889 | 1659.005 | 2060.516 |
| #3        | 1940.405 | 23640.88 | 2556.978 | 1647.088 | 2053.200 |

Sample Name: P5184-20DLX2      Acquired: 12/21/2024 0:05:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7222182 | -.207055 | .4987486 | .2130999 | .0975769 | 208.2525 | .4274298 |
| Stddev | .0028319 | .003113  | .0029963 | .0065957 | .0015146 | .3942    | .0023145 |
| %RSD   | .3921072 | 1.503614 | .6007630 | 3.095137 | 1.552219 | .1893010 | .5414963 |
| #1     | .7251011 | -.208590 | .4968034 | .2170752 | .0989750 | 208.0363 | .4264418 |
| #2     | .7194403 | -.209104 | .4972433 | .2054863 | .0977877 | 208.7075 | .4300744 |
| #3     | .7221132 | -.203473 | .5021991 | .2167382 | .0959679 | 208.0136 | .4257733 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0110416 | .0169171 | 33.59952 | .9042641 | .3029442 | 2.194991 | 430.0956 |
| Stddev | .0002300 | .0000573 | .09307   | .0031849 | .0011288 | .012653  | .2390    |
| %RSD   | 2.082825 | .3388314 | .2770023 | .3522073 | .3725937 | .5764425 | .0555715 |
| #1     | .0113025 | .0169038 | 33.53828 | .9068926 | .3016763 | 2.187149 | 430.0180 |
| #2     | .0109538 | .0168677 | 33.70663 | .9051775 | .3033166 | 2.209588 | 430.3638 |
| #3     | .0108685 | .0169800 | 33.55366 | .9007224 | .3038397 | 2.188237 | 429.9051 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.966194 | 154.0312 | .5515638 | .0208777 | .7556074 | 1.188881 | 1.071746 |
| Stddev | .025738  | .2036    | .0016231 | .0007566 | .6130695 | .009123  | .011551  |
| %RSD   | .3230892 | .1321519 | .2942670 | 3.623701 | 81.13599 | .7673515 | 1.077730 |
| #1     | 7.944383 | 153.9318 | .5505308 | .0207147 | .4829870 | 1.189395 | 1.066820 |
| #2     | 7.994582 | 154.2653 | .5507260 | .0202160 | .3261324 | 1.197735 | 1.063476 |
| #3     | 7.959618 | 153.8964 | .5534345 | .0217025 | 1.457703 | 1.179511 | 1.084943 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.505778 | 2.088546 | .0775166 | -.001659 | .3870730 | 5.828933 | .0290547 |
| Stddev | .059493  | .017461  | .0056134 | .000189  | .0071204 | .043194  | .0007956 |
| %RSD   | 2.374219 | .8360312 | 7.241574 | 11.42140 | 1.839549 | .7410229 | 2.738294 |
| #1     | 2.527453 | 2.071933 | .0760932 | -.001479 | .3878367 | 5.875587 | .0283853 |
| #2     | 2.551394 | 2.086959 | .0727519 | -.001856 | .3937809 | 5.820879 | .0288446 |
| #3     | 2.438487 | 2.106746 | .0837047 | -.001642 | .3796016 | 5.790333 | .0299343 |

Sample Name: P5184-20DLX2      Acquired: 12/21/2024 0:05:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.924169 | -.316994 | .1080653 |
| Stddev | .012261  | .000196  | .0045799 |
| %RSD   | .4192920 | .0617165 | 4.238045 |
| #1     | 2.917953 | -.317159 | .1079471 |
| #2     | 2.938293 | -.316778 | .1127031 |
| #3     | 2.916262 | -.317046 | .1035457 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1952.632 | 23819.45 | 2521.393 | 1646.709 | 2056.849 |
| Stddev    | 4.801    | 78.83    | 19.902   | 6.838    | 6.607    |
| %RSD      | .2458922 | .3309478 | .7893280 | .4152401 | .3211971 |
| #1        | 1957.829 | 23731.46 | 2499.290 | 1639.111 | 2064.473 |
| #2        | 1951.706 | 23883.65 | 2526.996 | 1648.649 | 2053.244 |
| #3        | 1948.361 | 23843.23 | 2537.893 | 1652.367 | 2052.829 |

Sample Name: P5184-21DLX2      Acquired: 12/21/2024 0:08:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6994972 | -.201692 | .4848647 | .2025456 | .0918886 | 198.4385 | .4069322 |
| Stddev | .0083860 | .007179  | .0054944 | .0146160 | .0036880 | 6.6156   | .0139452 |
| %RSD   | 1.198865 | 3.559259 | 1.133176 | 7.216131 | 4.013556 | 3.333817 | 3.426915 |
| #1     | .6898150 | -.196304 | .4810900 | .1859581 | .0885966 | 190.8045 | .3909235 |
| #2     | .7044635 | -.209842 | .4823360 | .2135349 | .0958741 | 202.4943 | .4164400 |
| #3     | .7042132 | -.198931 | .4911681 | .2081439 | .0911950 | 202.0168 | .4134330 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0106268 | .0166142 | 31.98806 | .8759918 | .2946978 | 2.099577 | 411.1290 |
| Stddev | .0003689 | .0003595 | 1.02472  | .0021498 | .0006017 | .085080  | 13.8861  |
| %RSD   | 3.471677 | 2.163899 | 3.203457 | .2454116 | .2041665 | 4.052226 | 3.377558 |
| #1     | .0102087 | .0170017 | 30.80575 | .8769665 | .2940219 | 2.001952 | 395.1022 |
| #2     | .0109065 | .0162915 | 32.62007 | .8735273 | .2948963 | 2.138871 | 419.5677 |
| #3     | .0107652 | .0165494 | 32.53836 | .8774816 | .2951751 | 2.157908 | 418.7170 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.598601 | 146.7868 | .5373316 | .0195431 | .2419226 | 1.125082 | 1.033496 |
| Stddev | .250255  | 4.6286   | .0019606 | .0033200 | .2350773 | .035056  | .014870  |
| %RSD   | 3.293440 | 3.153255 | .3648713 | 16.98818 | 97.17047 | 3.115825 | 1.438771 |
| #1     | 7.310786 | 141.4501 | .5358117 | .0157178 | .3348011 | 1.084912 | 1.046875 |
| #2     | 7.764867 | 149.7079 | .5366385 | .0212366 | .4163714 | 1.140840 | 1.036126 |
| #3     | 7.720149 | 149.2022 | .5395446 | .0216749 | -.025405 | 1.149493 | 1.017487 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.358631 | 2.021211 | .0754637 | -.001594 | .3775208 | 5.541859 | .0280862 |
| Stddev | .237095  | .004241  | .0073353 | .000448  | .0023433 | .158148  | .0005572 |
| %RSD   | 10.05222 | .2098439 | 9.720337 | 28.12369 | .6206970 | 2.853706 | 1.983879 |
| #1     | 2.093515 | 2.017678 | .0672099 | -.001109 | .3755135 | 5.360470 | .0283067 |
| #2     | 2.550341 | 2.020041 | .0812379 | -.001993 | .3800957 | 5.614267 | .0284993 |
| #3     | 2.432037 | 2.025915 | .0779432 | -.001681 | .3769532 | 5.650840 | .0274525 |

Sample Name: P5184-21DLX2      Acquired: 12/21/2024 0:08:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.782909 | -.303234 | .1036963 |
| Stddev | .082511  | .010237  | .0020467 |
| %RSD   | 2.964930 | 3.375857 | 1.973721 |
| #1     | 2.688766 | -.291418 | .1016031 |
| #2     | 2.842670 | -.309402 | .1037928 |
| #3     | 2.817290 | -.308883 | .1056931 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1950.696 | 23787.81 | 2567.954 | 1649.898 | 2062.320 |
| Stddev    | 4.431    | 85.36    | 66.856   | 4.738    | 3.211    |
| %RSD      | .2271576 | .3588426 | 2.603460 | .2871681 | .1557091 |
| #1        | 1955.218 | 23707.47 | 2644.937 | 1647.383 | 2064.963 |
| #2        | 1950.509 | 23877.43 | 2534.463 | 1655.364 | 2063.250 |
| #3        | 1946.362 | 23778.54 | 2524.463 | 1646.949 | 2058.746 |

Sample Name: P5184-20LDLX10      Acquired: 12/21/2024 0:12:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1490505 | -.039864 | .1001708 | .0479385 | .0185457 | 43.13954 | .0887125 |
| Stddev | .0012293 | .002536  | .0034503 | .0039379 | .0010059 | .20919   | .0008650 |
| %RSD   | .8247580 | 6.362217 | 3.444456 | 8.214412 | 5.424078 | .4849187 | .9750668 |
| #1     | .1478258 | -.037498 | .0995928 | .0448337 | .0194924 | 42.98905 | .0894053 |
| #2     | .1490414 | -.039553 | .0970460 | .0466139 | .0174895 | 43.05115 | .0877430 |
| #3     | .1502843 | -.042542 | .1038737 | .0523679 | .0186553 | 43.37842 | .0889892 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024552 | .0032852 | 7.041117 | .1872074 | .0612836 | .4633804 | 91.40494 |
| Stddev | .0000685 | .0001235 | .039654  | .0004253 | .0005391 | .0084625 | .45797   |
| %RSD   | 2.788247 | 3.758548 | .5631773 | .2271522 | .8797622 | 1.826259 | .5010297 |
| #1     | .0025113 | .0031434 | 7.044165 | .1868423 | .0608348 | .4540393 | 91.12147 |
| #2     | .0024754 | .0033688 | 7.000027 | .1876743 | .0611343 | .4655664 | 91.16006 |
| #3     | .0023789 | .0033435 | 7.079159 | .1871057 | .0618817 | .4705354 | 91.93328 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.691752 | 32.23400 | .1104427 | .0045583 | .0988119 | .2443896 | .2293274 |
| Stddev | .006319  | .17943   | .0004679 | .0011644 | .3373558 | .0103243 | .0046411 |
| %RSD   | .3735005 | .5566413 | .4236211 | 25.54441 | 341.4122 | 4.224521 | 2.023771 |
| #1     | 1.684877 | 32.14091 | .1109712 | .0033682 | .3897711 | .2498690 | .2342204 |
| #2     | 1.697305 | 32.12026 | .1100816 | .0046115 | -.270980 | .2508190 | .2287737 |
| #3     | 1.693075 | 32.44085 | .1102752 | .0056951 | .177644  | .2324808 | .2249880 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1585840 | .3987085 | .0144286 | -.001072 | .0705253 | 1.238668 | .0028278 |
| Stddev | .0431351 | .0023560 | .0007306 | .000472  | .0016635 | .003273  | .0021101 |
| %RSD   | 27.20013 | .5909036 | 5.063703 | 44.07190 | 2.358715 | .2642566 | 74.62231 |
| #1     | .1099119 | .3971017 | .0146605 | -.001610 | .0711696 | 1.242195 | .0004157 |
| #2     | .1920798 | .3976107 | .0150151 | -.000879 | .0686361 | 1.235728 | .0037352 |
| #3     | .1737602 | .4014130 | .0136102 | -.000727 | .0717703 | 1.238081 | .0043324 |

Sample Name: P5184-20LDLX10      Acquired: 12/21/2024 0:12:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6115902 | -.067565 | .0292701 |
| Stddev | .0031449 | .000338  | .0061919 |
| %RSD   | .5142193 | .4999406 | 21.15430 |
| #1     | .6079588 | -.067315 | .0364148 |
| #2     | .6133961 | -.067430 | .0259304 |
| #3     | .6134157 | -.067949 | .0254651 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1879.213 | 23129.23 | 2399.774 | 1602.484 | 2134.844 |
| Stddev    | 7.778    | 73.84    | 1.498    | 9.848    | 8.903    |
| %RSD      | .4138785 | .3192348 | .0624087 | .6145234 | .4170214 |
| #1        | 1873.104 | 23206.77 | 2401.503 | 1605.645 | 2125.121 |
| #2        | 1876.567 | 23059.75 | 2398.893 | 1591.444 | 2136.816 |
| #3        | 1887.968 | 23121.18 | 2398.924 | 1610.363 | 2142.596 |

Sample Name: P5184-22DLX2      Acquired: 12/21/2024 0:16:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7107628 | -.208182 | .4958875 | .2142353 | .0957941 | 206.7782 | .4242600 |
| Stddev | .0077690 | .006001  | .0019841 | .0007031 | .0021024 | .8701    | .0035347 |
| %RSD   | 1.093045 | 2.882434 | .4001041 | .3281841 | 2.194675 | .4207912 | .8331511 |
| #1     | .7104813 | -.213997 | .4975920 | .2140112 | .0975916 | 206.2311 | .4213886 |
| #2     | .7031384 | -.208539 | .4937095 | .2150232 | .0934823 | 207.7816 | .4282078 |
| #3     | .7186687 | -.202012 | .4963610 | .2136716 | .0963085 | 206.3220 | .4231836 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0109649 | .0167824 | 33.57383 | .8960216 | .3025561 | 2.180090 | 428.0871 |
| Stddev | .0002195 | .0004410 | .15847   | .0042633 | .0025299 | .013729  | 2.1123   |
| %RSD   | 2.002233 | 2.627620 | .4719993 | .4757993 | .8361888 | .6297645 | .4934266 |
| #1     | .0111152 | .0172641 | 33.50402 | .8914684 | .3054545 | 2.175374 | 426.9487 |
| #2     | .0110664 | .0163985 | 33.75522 | .8999189 | .3007908 | 2.195556 | 430.5244 |
| #3     | .0107129 | .0166846 | 33.46225 | .8966774 | .3014230 | 2.169340 | 426.7882 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.907977 | 153.0697 | .5540055 | .0218512 | .5276975 | 1.172323 | 1.071686 |
| Stddev | .042262  | .9562    | .0049212 | .0015683 | .2015344 | .007116  | .020472  |
| %RSD   | .5344277 | .6246883 | .8882998 | 7.177224 | 38.19128 | .6069832 | 1.910272 |
| #1     | 7.871210 | 152.4679 | .5595410 | .0236468 | .5769862 | 1.167650 | 1.051800 |
| #2     | 7.954150 | 154.1723 | .5501255 | .0207496 | .7000152 | 1.168807 | 1.070559 |
| #3     | 7.898572 | 152.5688 | .5523500 | .0211574 | .3060910 | 1.180512 | 1.092698 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.617082 | 2.083813 | .0778365 | -.001523 | .3930270 | 5.784443 | .0309047 |
| Stddev | .116100  | .020672  | .0051596 | .000141  | .0067098 | .055770  | .0008604 |
| %RSD   | 4.436234 | .9920293 | 6.628797 | 9.231490 | 1.707203 | .9641316 | 2.784088 |
| #1     | 2.724508 | 2.104420 | .0727127 | -.001462 | .3977490 | 5.802321 | .0318929 |
| #2     | 2.632822 | 2.063077 | .0777658 | -.001423 | .3959856 | 5.829082 | .0304994 |
| #3     | 2.493915 | 2.083943 | .0830312 | -.001683 | .3853464 | 5.721927 | .0303218 |



Sample Name: P5184-22DLX2      Acquired: 12/21/2024 0:16:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.890420 | -.315810 | .1071951 |
| Stddev | .014437  | .001697  | .0009727 |
| %RSD   | .4994904 | .5374683 | .9074614 |
| #1     | 2.880239 | -.315554 | .1078108 |
| #2     | 2.906943 | -.317621 | .1077007 |
| #3     | 2.884077 | -.314256 | .1060736 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1928.386 | 23649.15 | 2513.663 | 1639.654 | 2032.664 |
| Stddev    | 15.972   | 118.32   | 22.387   | 3.559    | 18.125   |
| %RSD      | .8282480 | .5003009 | .8906235 | .2170663 | .8916757 |
| #1        | 1910.196 | 23784.61 | 2506.603 | 1643.619 | 2011.741 |
| #2        | 1934.850 | 23566.05 | 2495.658 | 1638.606 | 2042.717 |
| #3        | 1940.113 | 23596.78 | 2538.730 | 1636.736 | 2043.535 |

Sample Name: PB165634BL      Acquired: 12/21/2024 0:20:23      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: PBS634      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001662 | .0018697 | -.000380 | .0002951 | -.002868 | .0245290 | -.000632 |
| Stddev | .0038142 | .0022656 | .001738  | .0051995 | .001456  | .0293509 | .001954  |
| %RSD   | 2294.644 | 121.1752 | 457.3196 | 1761.848 | 50.76819 | 119.6579 | 309.1784 |
| #1     | -.004218 | .0000454 | -.001889 | -.004298 | -.002166 | .0148455 | .001615  |
| #2     | .002721  | .0011580 | -.000772 | -.000757 | -.001896 | .0574980 | -.001930 |
| #3     | .001996  | .0044058 | .001521  | .005940  | -.004542 | .0012434 | -.001581 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000025 | .0000698 | .0430504 | -.000427 | -.000177 | -.004428 | .0522504 |
| Stddev | .000062  | .0000507 | .0065638 | .000483  | .000221  | .007087  | .0444177 |
| %RSD   | 251.5978 | 72.58217 | 15.24678 | 113.0107 | 124.7057 | 160.0654 | 85.00923 |
| #1     | -.000072 | .0001139 | .0356249 | -.000091 | .000026  | -.001225 | .1012145 |
| #2     | .000046  | .0000144 | .0454476 | -.000980 | -.000412 | -.012551 | .0145462 |
| #3     | -.000049 | .0000811 | .0480785 | -.000210 | -.000146 | .000493  | .0409907 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013062 | .0248896 | .0009310 | -.000282 | .2882463 | -.002736 | .0016038 |
| Stddev | .0004760 | .0304330 | .0002360 | .000830  | .2594804 | .004842  | .0027806 |
| %RSD   | 36.43790 | 122.2719 | 25.35493 | 294.4881 | 90.02037 | 176.9377 | 173.3789 |
| #1     | .0007673 | .0082908 | .0006660 | -.000627 | .0028213 | .002424  | .0007226 |
| #2     | .0014821 | .0600129 | .0011186 | .000665  | .3520316 | -.007179 | -.000629 |
| #3     | .0016692 | .0063650 | .0010084 | -.000885 | .5098861 | -.003454 | .004718  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.391163 | -.003485 | -.003390 | -.000439 | -.003772 | -.003101 | -.005174 |
| Stddev | .146382  | .001534  | .001739  | .000397  | .004213  | .000829  | .000304  |
| %RSD   | 37.42224 | 44.00946 | 51.28946 | 90.47367 | 111.6836 | 26.73084 | 5.883302 |
| #1     | -.527142 | -.004231 | -.002885 | -.000614 | .001050  | -.004053 | -.005513 |
| #2     | -.410119 | -.001721 | -.001960 | -.000720 | -.005629 | -.002709 | -.004925 |
| #3     | -.236226 | -.004503 | -.005325 | .000016  | -.006737 | -.002540 | -.005084 |

Sample Name: PB165634BL      Acquired: 12/21/2024 0:20:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS634      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005712 | -.000034 | .0049590 |
| Stddev | .0023384 | .000110  | .0009588 |
| %RSD   | 409.3958 | 323.7130 | 19.33403 |
| #1     | -.001036 | -.000126 | .0060182 |
| #2     | .003254  | -.000064 | .0047082 |
| #3     | -.000504 | .000088  | .0041505 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1869.535 | 22786.99 | 2357.985 | 1576.765 | 2192.293 |
| Stddev    | 5.492    | 95.12    | 19.653   | 4.157    | 6.144    |
| %RSD      | .2937795 | .4174317 | .8334466 | .2636276 | .2802593 |
| #1        | 1863.528 | 22828.04 | 2370.201 | 1580.017 | 2186.363 |
| #2        | 1874.300 | 22854.68 | 2368.439 | 1578.197 | 2198.631 |
| #3        | 1870.777 | 22678.23 | 2335.315 | 1572.082 | 2191.883 |

Sample Name: PB165634BS      Acquired: 12/21/2024 0:24:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS634      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0240525 | .0514953 | .0186876 | .0590808 | .1027186 | .3990548 |
| Stddev | .0033237 | .0011038 | .0003040 | .0032820 | .0012506 | .0379277 |
| %RSD   | 13.81850 | 2.143415 | 1.626805 | 5.555048 | 1.217453 | 9.504392 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0271884 | .0522725 | .0188604 | .0553546 | .1014867 | .3748193 |
| #2 | .0244006 | .0502319 | .0188657 | .0615421 | .1039870 | .3795815 |
| #3 | .0205685 | .0519815 | .0183365 | .0603457 | .1026822 | .4427635 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4063021 | .0103236 | .0097466 | 9.939657 | .0205579 | .0986439 |
| Stddev | .0030786 | .0001111 | .0001115 | .097266  | .0007521 | .0004218 |
| %RSD   | .7577026 | 1.075665 | 1.143974 | .9785622 | 3.658562 | .4275927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4031541 | .0104518 | .0097258 | 9.893446 | .0211437 | .0987970 |
| #2 | .4093062 | .0102621 | .0096470 | 10.05141 | .0197097 | .0981670 |
| #3 | .4064458 | .0102570 | .0098670 | 9.87411  | .0208203 | .0989678 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0491487 | .1796766 | .0317970 | 10.22946 | .0773357 | .0193481 |
| Stddev | .0046293 | .0506531 | .0006024 | .11977   | .0005041 | .0010713 |
| %RSD   | 9.418942 | 28.19125 | 1.894430 | 1.170835 | .6518846 | 5.536799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0540735 | .1805396 | .0321269 | 10.18206 | .0779065 | .0182255 |
| #2 | .0448863 | .2298926 | .0321624 | 10.36568 | .0769514 | .0203593 |
| #3 | .0484863 | .1285975 | .0311018 | 10.14065 | .0771490 | .0194595 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.50547 | .0955812 | .1075089 | 9.170149 | F .0139370 | F -.003508 |
| Stddev | .42363   | .0052875 | .0030583 | .130578  | .0004926   | .000613    |
| %RSD   | 4.032507 | 5.531961 | 2.844707 | 1.423943 | 3.534477   | 17.47104   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.23929 | .0906694 | .1045262 | 9.278360 | .0137879 | -.003159 |
| #2 | 10.99399 | .1011777 | .1106376 | 9.206975 | .0144869 | -.003150 |
| #3 | 10.28314 | .0948965 | .1073628 | 9.025113 | .0135361 | -.004216 |

Sample Name: PB165634BS      Acquired: 12/21/2024 0:24:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS634      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0186116 | .1706485 | F .4715425 | F .0080523 | .1990688 | .2088340 |
| Stddev | .0006599 | .0035143 | .0019632   | .0013664   | .0024481 | .0011562 |
| %RSD   | 3.545397 | 2.059350 | .4163286   | 16.96902   | 1.229769 | .5536291 |
| #1     | .0179363 | .1684208 | .4732362   | .0091033   | .1977181 | .2078095 |
| #2     | .0186436 | .1746997 | .4693908   | .0065077   | .1975937 | .2100875 |
| #3     | .0192549 | .1688249 | .4720005   | .0085459   | .2018947 | .2086050 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0357419 |
| Stddev | .0023883 |
| %RSD   | 6.682192 |
| #1     | .0362873 |
| #2     | .0378103 |
| #3     | .0331280 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1843.205 | 22643.92 | 2342.170 | 1573.154 | 2161.819 |
| Stddev    | 2.435    | 108.46   | 11.074   | 11.287   | .559     |
| %RSD      | .1321226 | .4789982 | .4728136 | .7174663 | .0258354 |
| #1        | 1845.904 | 22757.07 | 2329.396 | 1585.000 | 2161.414 |
| #2        | 1841.171 | 22633.83 | 2348.062 | 1571.937 | 2162.456 |
| #3        | 1842.541 | 22540.85 | 2349.053 | 1562.525 | 2161.587 |

Sample Name: PB165634BSD      Acquired: 12/21/2024 0:28:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD634      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087355 | .0252534 | .0068339 | .0293595 | .0486850 | .1776845 | .1999192 |
| Stddev | .0027238 | .0021601 | .0007543 | .0004289 | .0025366 | .0233720 | .0024644 |
| %RSD   | 31.18155 | 8.553675 | 11.03741 | 1.460996 | 5.210239 | 13.15366 | 1.232717 |
| #1     | .0118806 | .0256105 | .0076555 | .0293533 | .0489802 | .1744167 | .1981742 |
| #2     | .0071392 | .0229370 | .0066737 | .0289337 | .0460137 | .2025184 | .1988449 |
| #3     | .0071866 | .0272126 | .0061726 | .0297915 | .0510611 | .1561183 | .2027384 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051526 | .0048696 | 4.934219 | .0094762 | .0495418 | .0284946 | .0933438 |
| Stddev | .0000381 | .0000802 | .073321  | .0003992 | .0004452 | .0013811 | .0291652 |
| %RSD   | .7397490 | 1.647972 | 1.485967 | 4.212382 | .8986035 | 4.847026 | 31.24491 |
| #1     | .0051326 | .0049434 | 4.879664 | .0090243 | .0490278 | .0279512 | .1217427 |
| #2     | .0051286 | .0047842 | 4.905428 | .0097809 | .0497982 | .0274678 | .0948201 |
| #3     | .0051966 | .0048811 | 5.017566 | .0096233 | .0497995 | .0300648 | .0634685 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149465 | 5.085742 | .0384285 | .0093534 | 5.866262 | .0447801 | .0620238 |
| Stddev | .0004611 | .024086  | .0007006 | .0008294 | .449461  | .0011321 | .0169622 |
| %RSD   | 3.085250 | .4735977 | 1.823050 | 8.867142 | 7.661797 | 2.528115 | 27.34784 |
| #1     | .0154763 | 5.110727 | .0392354 | .0092008 | 5.867994 | .0442573 | .0595493 |
| #2     | .0147276 | 5.062669 | .0380748 | .0102485 | 6.314855 | .0440039 | .0464347 |
| #3     | .0146356 | 5.083831 | .0379753 | .0086110 | 5.415937 | .0460791 | .0800872 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.186825 | .0038163 | .0010043 | .0089930 | .0801292 | .2274397 | .0009545 |
| Stddev | .290655  | .0011931 | .0012779 | .0001879 | .0028461 | .0026805 | .0002304 |
| %RSD   | 6.942142 | 31.26253 | 127.2372 | 2.089064 | 3.551908 | 1.178573 | 24.13780 |
| #1     | 3.953186 | .0025743 | .0008636 | .0088375 | .0779275 | .2261044 | .0010348 |
| #2     | 4.094981 | .0049535 | .0023468 | .0092018 | .0791171 | .2256890 | .0011340 |
| #3     | 4.512307 | .0039212 | -.000197 | .0089398 | .0833431 | .2305256 | .0006947 |

Sample Name: PB165634BSD      Acquired: 12/21/2024 0:28:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD634      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0990383 | .1028348 | .0241351 |
| Stddev | .0044115 | .0010733 | .0046689 |
| %RSD   | 4.454372 | 1.043746 | 19.34503 |
| #1     | .0967142 | .1018316 | .0188689 |
| #2     | .0962747 | .1027061 | .0277678 |
| #3     | .1041260 | .1039666 | .0257687 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1843.515 | 23017.04 | 2372.927 | 1591.739 | 2177.684 |
| Stddev    | 4.302    | 252.53   | 19.691   | 10.077   | 2.616    |
| %RSD      | .2333444 | 1.097138 | .8298177 | .6330740 | .1201094 |
| #1        | 1838.962 | 23290.99 | 2390.073 | 1600.924 | 2177.801 |
| #2        | 1847.510 | 22793.56 | 2377.288 | 1580.960 | 2180.239 |
| #3        | 1844.074 | 22966.56 | 2351.422 | 1593.333 | 2175.012 |

Sample Name: P5188-01DLX2      Acquired: 12/21/2024 0:32:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1502878 | -.045434 | .2457249 | .0599916 | .0206050 | 62.82102 | .7211691 |
| Stddev | .0054065 | .002616  | .0010720 | .0017708 | .0022100 | .17016   | .0032831 |
| %RSD   | 3.597414 | 5.758011 | .4362707 | 2.951752 | 10.72566 | .2708667 | .4552417 |
| #1     | .1529729 | -.045618 | .2450463 | .0620237 | .0230431 | 62.63311 | .7175847 |
| #2     | .1538260 | -.042731 | .2451677 | .0587789 | .0200384 | 62.86527 | .7218922 |
| #3     | .1440644 | -.047953 | .2469608 | .0591721 | .0187334 | 62.96469 | .7240303 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053498 | .0036200 | 50.31409 | .1273002 | .1464457 | .2587757 | 133.3481 |
| Stddev | .0001334 | .0001188 | .10920   | .0009373 | .0008072 | .0056872 | .4544    |
| %RSD   | 2.493253 | 3.281256 | .2170438 | .7363157 | .5511641 | 2.197717 | .3407382 |
| #1     | .0052429 | .0036507 | 50.22571 | .1273777 | .1472047 | .2522757 | 133.0742 |
| #2     | .0054993 | .0037204 | 50.43617 | .1281964 | .1455978 | .2628360 | 133.0975 |
| #3     | .0053073 | .0034889 | 50.28038 | .1263265 | .1465346 | .2612153 | 133.8726 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.356468 | 37.42088 | .1251285 | .0094440 | .5613066 | .2124845 | .7335450 |
| Stddev | .016502  | .14300   | .0001782 | .0006573 | .2413579 | .0041310 | .0123050 |
| %RSD   | .3787900 | .3821477 | .1423851 | 6.959585 | 42.99931 | 1.944124 | 1.677469 |
| #1     | 4.344262 | 37.56069 | .1253294 | .0089100 | .4779774 | .2158929 | .7476137 |
| #2     | 4.349900 | 37.27489 | .1250662 | .0101781 | .8332880 | .2078903 | .7247882 |
| #3     | 4.375243 | 37.42707 | .1249898 | .0092440 | .3726544 | .2136704 | .7282330 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.49784 | 4.535253 | .0232016 | .0000162 | 1.904875 | 1.443983 | .0042590 |
| Stddev | .08694   | .017628  | .0016724 | .0003512 | .007608  | .007273  | .0012780 |
| %RSD   | .5609532 | .3886806 | 7.207923 | 2165.820 | .3994035 | .5036675 | 30.00793 |
| #1     | 15.58518 | 4.553977 | .0240214 | .0002927 | 1.908703 | 1.441749 | .0049892 |
| #2     | 15.41132 | 4.518977 | .0212775 | .0001348 | 1.896114 | 1.452111 | .0050046 |
| #3     | 15.49703 | 4.532807 | .0243058 | -.000379 | 1.909810 | 1.438089 | .0027833 |



Sample Name: P5188-01DLX2      Acquired: 12/21/2024 0:32:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4676577 | .0260054 | .0476080 |
| Stddev | .0020396 | .0003803 | .0012219 |
| %RSD   | .4361371 | 1.462440 | 2.566488 |
| #1     | .4676273 | .0264167 | .0483761 |
| #2     | .4656335 | .0259331 | .0461990 |
| #3     | .4697124 | .0256664 | .0482488 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2075.001 | 25337.69 | 2622.482 | 1767.414 | 2150.798 |
| Stddev    | 6.154    | 79.26    | 7.668    | 5.348    | 8.210    |
| %RSD      | .2965551 | .3128259 | .2923943 | .3026010 | .3817282 |
| #1        | 2079.206 | 25246.41 | 2629.722 | 1764.028 | 2150.024 |
| #2        | 2077.860 | 25377.58 | 2614.448 | 1773.579 | 2159.368 |
| #3        | 2067.939 | 25389.08 | 2623.276 | 1764.634 | 2143.003 |

Sample Name: P5188-02DLX2      Acquired: 12/21/2024 0:36:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0303947 | -.017006 | .4661541 | .0284106 | .0058439 | 57.43337 | .8855825 |
| Stddev | .0036447 | .002282  | .0016491 | .0041423 | .0009116 | .14306   | .0047446 |
| %RSD   | 11.99131 | 13.42059 | .3537591 | 14.58029 | 15.59821 | .2490945 | .5357611 |
| #1     | .0343320 | -.018317 | .4656548 | .0325602 | .0050633 | 57.27135 | .8801805 |
| #2     | .0297135 | -.018331 | .4679951 | .0283959 | .0056229 | 57.54229 | .8890742 |
| #3     | .0271387 | -.014371 | .4648123 | .0242756 | .0068457 | 57.48647 | .8874927 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045009 | .0064258 | 101.9045 | .0984124 | .0921400 | .2672385 | 90.29729 |
| Stddev | .0001759 | .0000697 | .3134    | .0003891 | .0002042 | .0027388 | .42502   |
| %RSD   | 3.907928 | 1.084948 | .3075862 | .3953904 | .2215691 | 1.024836 | .4706888 |
| #1     | .0044070 | .0065002 | 101.6983 | .0979735 | .0920195 | .2686615 | 89.98981 |
| #2     | .0043918 | .0064152 | 102.2652 | .0987152 | .0920248 | .2689729 | 90.78229 |
| #3     | .0047038 | .0063619 | 101.7500 | .0985484 | .0923757 | .2640812 | 90.11977 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.406523 | 38.71190 | .1122260 | .0065832 | 2.224969 | .0763599 | 5.836192 |
| Stddev | .008127  | .23534   | .0002875 | .0005656 | .749770  | .0036174 | .062003  |
| %RSD   | .2385805 | .6079156 | .2561865 | 8.591110 | 33.69799 | 4.737298 | 1.062383 |
| #1     | 3.397998 | 38.54801 | .1122735 | .0062901 | 2.802853 | .0805251 | 5.836518 |
| #2     | 3.414183 | 38.98156 | .1119176 | .0062243 | 1.377733 | .0745490 | 5.898031 |
| #3     | 3.407387 | 38.60612 | .1124867 | .0072351 | 2.494320 | .0740057 | 5.774027 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.65826 | .8654088 | .0387925 | .0010118 | 5.368728 | 1.383504 | .0008708 |
| Stddev | .12898   | .0063901 | .0026110 | .0002325 | .014824  | .008953  | .0009971 |
| %RSD   | .8237092 | .7383928 | 6.730618 | 22.97729 | .2761141 | .6471182 | 114.5070 |
| #1     | 15.51575 | .8685839 | .0384025 | .0011684 | 5.385260 | 1.387440 | .0001657 |
| #2     | 15.76696 | .8580530 | .0415765 | .0011223 | 5.356619 | 1.389815 | .0004351 |
| #3     | 15.69208 | .8695894 | .0363985 | .0007447 | 5.364306 | 1.373258 | .0020117 |

Sample Name: P5188-02DLX2      Acquired: 12/21/2024 0:36:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0959508 | .4221207 | .0602406 |
| Stddev | .0021828 | .0010372 | .0004950 |
| %RSD   | 2.274887 | .2457027 | .8217436 |
| #1     | .0979845 | .4212220 | .0601846 |
| #2     | .0962235 | .4232556 | .0607613 |
| #3     | .0936445 | .4218845 | .0597760 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1995.927 | 24347.62 | 2567.348 | 1698.447 | 2107.677 |
| Stddev    | 7.714    | 175.50   | 9.084    | 14.453   | 7.419    |
| %RSD      | .3865060 | .7208269 | .3538414 | .8509820 | .3519785 |
| #1        | 2001.075 | 24440.30 | 2577.838 | 1699.208 | 2110.443 |
| #2        | 1999.647 | 24145.20 | 2562.040 | 1683.628 | 2113.315 |
| #3        | 1987.057 | 24457.35 | 2562.167 | 1712.505 | 2099.272 |

Sample Name: P5188-03DLX2      Acquired: 12/21/2024 0:40:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1992811 | -.050676 | .6997644 | .0566508 | .0207908 | 68.61337 | 1.293055 |
| Stddev | .0011151 | .004517  | .0045356 | .0031096 | .0030034 | .04532   | .001468  |
| %RSD   | .5595423 | 8.914279 | .6481644 | 5.489049 | 14.44573 | .0660516 | .1134980 |
| #1     | .2003124 | -.055854 | .7032737 | .0531729 | .0241857 | 68.59330 | 1.291446 |
| #2     | .1994329 | -.048639 | .6946429 | .0591627 | .0197068 | 68.66526 | 1.293401 |
| #3     | .1980979 | -.047536 | .7013766 | .0576169 | .0184800 | 68.58155 | 1.294319 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064858 | .0070378 | 59.99597 | .1039446 | .0918718 | .2886585 | 137.1128 |
| Stddev | .0001754 | .0001355 | .22827   | .0005487 | .0003244 | .0017417 | .3277    |
| %RSD   | 2.704718 | 1.925093 | .3804814 | .5278915 | .3531166 | .6033923 | .2390233 |
| #1     | .0066809 | .0071889 | 59.94049 | .1044283 | .0920306 | .2878061 | 137.0468 |
| #2     | .0064353 | .0069971 | 60.24687 | .1033483 | .0914986 | .2875071 | 137.4685 |
| #3     | .0063411 | .0069272 | 59.80056 | .1040573 | .0920862 | .2906622 | 136.8231 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.610560 | 32.16251 | .1108927 | .0094041 | 2.009366 | .2124248 | 1.699962 |
| Stddev | .000982  | .11190   | .0004849 | .0002052 | 1.251910 | .0043729 | .025857  |
| %RSD   | .0271910 | .3479161 | .4372942 | 2.182071 | 62.30372 | 2.058548 | 1.521042 |
| #1     | 3.609525 | 32.19158 | .1112483 | .0092852 | .656910  | .2074045 | 1.670153 |
| #2     | 3.610677 | 32.25700 | .1103403 | .0096410 | 3.127664 | .2144668 | 1.713399 |
| #3     | 3.611478 | 32.03894 | .1110895 | .0092861 | 2.243524 | .2154031 | 1.716335 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.98512 | 9.442267 | .0415091 | .0009252 | 5.212255 | 1.595717 | .0063268 |
| Stddev | .16534   | .013676  | .0028404 | .0001317 | .009355  | .020987  | .0016789 |
| %RSD   | .6363006 | .1448412 | 6.842728 | 14.23785 | .1794777 | 1.315177 | 26.53548 |
| #1     | 25.80944 | 9.435571 | .0410400 | .0008386 | 5.208534 | 1.619400 | .0044711 |
| #2     | 26.13770 | 9.433228 | .0389325 | .0008601 | 5.205334 | 1.588320 | .0077402 |
| #3     | 26.00821 | 9.458001 | .0445549 | .0010767 | 5.222898 | 1.579430 | .0067693 |

Sample Name: P5188-03DLX2      Acquired: 12/21/2024 0:40:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5595829 | .1650349 | .0555167 |
| Stddev | .0003259 | .0003770 | .0010795 |
| %RSD   | .0582466 | .2284251 | 1.944540 |
| #1     | .5594444 | .1646405 | .0557405 |
| #2     | .5599552 | .1653917 | .0564668 |
| #3     | .5593491 | .1650725 | .0543428 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2014.013 | 24692.22 | 2572.512 | 1718.103 | 2112.472 |
| Stddev    | 3.833    | 157.56   | 22.285   | 12.585   | 2.748    |
| %RSD      | .1903102 | .6381114 | .8662714 | .7324818 | .1300656 |
| #1        | 2012.841 | 24867.53 | 2554.586 | 1731.695 | 2112.090 |
| #2        | 2018.295 | 24562.44 | 2565.487 | 1706.854 | 2115.391 |
| #3        | 2010.903 | 24646.67 | 2597.463 | 1715.759 | 2109.936 |

Sample Name: CCV085      Acquired: 12/21/2024 0:43:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.856505 | 4.727035 | 24.30847 | 4.791190 | 4.764948 | 399.9069 | 10.14989 |
| Stddev | .012345  | .005566  | .02097   | .008469  | .004589  | 2.0865   | .06102   |
| %RSD   | .2541943 | .1177426 | .0862839 | .1767563 | .0963091 | .5217405 | .6011627 |
| #1     | 4.863666 | 4.732373 | 24.30414 | 4.791849 | 4.762213 | 397.9275 | 10.09466 |
| #2     | 4.842250 | 4.721267 | 24.33127 | 4.799309 | 4.770246 | 402.0861 | 10.21539 |
| #3     | 4.863599 | 4.727464 | 24.28999 | 4.782410 | 4.762384 | 399.7072 | 10.13961 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5010539 | 2.448884 | 402.0836 | 15.11144 | 2.434340 | 14.87111 | 405.2136 |
| Stddev | .0041926 | .001203  | 1.2668   | .02174   | .002226  | .05493   | 2.0499   |
| %RSD   | .8367564 | .0491088 | .3150516 | .1438507 | .0914221 | .3693675 | .5058704 |
| #1     | .5010095 | 2.448150 | 401.0958 | 15.11467 | 2.435119 | 14.81111 | 403.1920 |
| #2     | .5052685 | 2.450272 | 403.5118 | 15.13138 | 2.436071 | 14.91893 | 407.2906 |
| #3     | .4968837 | 2.448230 | 401.6431 | 15.08827 | 2.431829 | 14.88328 | 405.1583 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.92322 | 399.9879 | 2.469287 | 1.275540 | 403.0165 | 2.502882 | 14.85241 |
| Stddev | .08196   | 2.3079   | .000976  | .005110  | 1.2392   | .011253  | .12776   |
| %RSD   | .5491793 | .5769831 | .0395404 | .4006541 | .3074825 | .4495897 | .8601669 |
| #1     | 14.84657 | 397.5916 | 2.470343 | 1.270112 | 401.7609 | 2.489946 | 14.79258 |
| #2     | 15.00961 | 402.1957 | 2.469100 | 1.276248 | 404.2387 | 2.508298 | 14.76555 |
| #3     | 14.91347 | 400.1764 | 2.468418 | 1.280259 | 403.0498 | 2.510403 | 14.99910 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 149.4083 | 4.875871 | 4.825553 | 4.740031 | 4.884894 | 4.829986 | 4.834257 |
| Stddev | .4450    | .002421  | .032941  | .013447  | .006672  | .043210  | .009850  |
| %RSD   | .2978175 | .0496539 | .6826375 | .2836828 | .1365930 | .8946233 | .2037607 |
| #1     | 149.1651 | 4.877114 | 4.823867 | 4.728999 | 4.882661 | 4.827919 | 4.839288 |
| #2     | 149.9218 | 4.877418 | 4.859305 | 4.755009 | 4.892396 | 4.874193 | 4.840575 |
| #3     | 149.1379 | 4.873081 | 4.793488 | 4.736084 | 4.879624 | 4.787847 | 4.822907 |

Sample Name: CCV085      Acquired: 12/21/2024 0:43:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.987499 | 4.813877 | 5.056212 |
| Stddev | .027000  | .022325  | .032762  |
| %RSD   | .5413580 | .4637545 | .6479601 |
| #1     | 4.960400 | 4.788764 | 5.019511 |
| #2     | 5.014399 | 4.831474 | 5.082509 |
| #3     | 4.987697 | 4.821391 | 5.066616 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1536.802 | 20408.15 | 2253.555 | 1300.700 | 1758.986 |
| Stddev    | 7.116    | 46.84    | 23.511   | 2.848    | 4.168    |
| %RSD      | .4630207 | .2294929 | 1.043295 | .2189642 | .2369519 |
| #1        | 1544.327 | 20419.98 | 2255.930 | 1303.276 | 1763.309 |
| #2        | 1530.182 | 20356.54 | 2228.947 | 1301.184 | 1754.993 |
| #3        | 1535.897 | 20447.94 | 2275.789 | 1297.642 | 1758.657 |

Sample Name: CCB085      Acquired: 12/21/2024 0:47:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000814 | .0021840 | .0014890 | .0007944 | -.003151 | .0078131 | .0002381 |
| Stddev | .004415  | .0018323 | .0024093 | .0016644 | .002255  | .0117142 | .0017936 |
| %RSD   | 542.6737 | 83.89617 | 161.8142 | 209.5231 | 71.56159 | 149.9295 | 753.1604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .003646  | .0042981 | .0014674 | -.000984 | -.005423 | .0191830 | -.000340 |
| #2 | -.005184 | .0011991 | -.000910 | .001052  | -.000914 | .0084736 | -.001195 |
| #3 | -.000903 | .0010548 | .003909  | .002315  | -.003115 | -.004217 | .002250  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001791 | .0001243 | .0090728 | -.000191 | .0001773 | -.005835 | .0202369 |
| Stddev | .0000852 | .0001001 | .0118678 | .000609  | .0002074 | .007252  | .0350451 |
| %RSD   | 47.58768 | 80.59402 | 130.8055 | 318.9410 | 116.9688 | 124.2826 | 173.1743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000822 | .0002179 | .0166886 | .000512  | .0004044 | .002497  | .0510118 |
| #2 | .0002422 | .0000187 | .0151313 | -.000550 | .0001298 | -.009274 | .0276054 |
| #3 | .0002128 | .0001362 | -.004601 | -.000534 | -.000002 | -.010729 | -.017907 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005981 | .0330913 | .0002689 | .0004132 | .2720941 | .0049823 | .0050273 |
| Stddev | .0016741 | .0194506 | .0004817 | .0007157 | .5542528 | .0029723 | .0073402 |
| %RSD   | 279.9004 | 58.77865 | 179.1257 | 173.2123 | 203.6989 | 59.65773 | 146.0071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000698 | .0535308 | .0007961 | .0007361 | .4451626 | .0030222 | .0018658 |
| #2 | .000004  | .0309337 | .0001589 | -.000407 | -.348043 | .0084023 | .0134185 |
| #3 | .002488  | .0148095 | -.000148 | .000911  | .719162  | .0035225 | -.000202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.104950 | -.002323 | .0117253 | .0000674 | -.002744 | -.003016 | -.011740 |
| Stddev | .026792  | .000963  | .0026266 | .0002469 | .004624  | .000558  | .000406  |
| %RSD   | 25.52869 | 41.47213 | 22.40071 | 366.1716 | 168.4949 | 18.50461 | 3.461446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.075874 | -.001227 | .0144448 | .0003503 | -.006841 | -.003559 | -.011295 |
| #2 | -.110337 | -.002709 | .0092028 | -.000043 | -.003660 | -.002444 | -.012092 |
| #3 | -.128640 | -.003034 | .0115282 | -.000105 | .002269  | -.003043 | -.011831 |



Sample Name: CCB085      Acquired: 12/21/2024 0:47:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0018656 | -.000122 | .0277973 |
| Stddev | .0025502 | .000086  | .0014203 |
| %RSD   | 136.6916 | 70.83869 | 5.109482 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0044008 | -.000064 | .0270549 |
| #2 | .0018955 | -.000081 | .0294350 |
| #3 | -.000699 | -.000221 | .0269021 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1834.111 | 22629.88 | 2308.845 | 1564.278 | 2157.940 |
| Stddev    | 3.757    | 36.84    | 3.836    | .442     | 7.894    |
| %RSD      | .2048331 | .1627918 | .1661530 | .0282277 | .3657934 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1830.479 | 22640.31 | 2304.698 | 1564.062 | 2157.054 |
| #2 | 1837.982 | 22660.38 | 2309.573 | 1564.786 | 2166.238 |
| #3 | 1833.872 | 22588.95 | 2312.266 | 1563.987 | 2150.526 |

Sample Name: P5188-04DLX2      Acquired: 12/21/2024 0:51:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1913276 | -.039243 | .6807702 | .0444861 | .0155531 | 61.77504 | 1.100737 |
| Stddev | .0017856 | .003561  | .0023842 | .0022959 | .0023944 | .28763   | .005902  |
| %RSD   | .9332873 | 9.074848 | .3502157 | 5.160912 | 15.39501 | .4656121 | .5362304 |
| #1     | .1930966 | -.035877 | .6780943 | .0470960 | .0171262 | 61.52216 | 1.093922 |
| #2     | .1913605 | -.038880 | .6815480 | .0435842 | .0127975 | 61.71501 | 1.104236 |
| #3     | .1895258 | -.042971 | .6826684 | .0427781 | .0167357 | 62.08795 | 1.104052 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057520 | .0069600 | 71.46247 | .1134177 | .0887512 | .3189747 | 113.8844 |
| Stddev | .0001894 | .0001649 | .44412   | .0012272 | .0004857 | .0066062 | .5216    |
| %RSD   | 3.293490 | 2.369870 | .6214673 | 1.081974 | .5472342 | 2.071074 | .4580198 |
| #1     | .0057737 | .0071350 | 71.14134 | .1120050 | .0891203 | .3134892 | 113.3862 |
| #2     | .0055527 | .0068075 | 71.27677 | .1142195 | .0882010 | .3263081 | 113.8403 |
| #3     | .0059297 | .0069375 | 71.96929 | .1140286 | .0889322 | .3171268 | 114.4266 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.129932 | 28.14936 | .1101239 | .0098925 | 1.239258 | .1916316 | 1.608645 |
| Stddev | .017467  | .17995   | .0008367 | .0012043 | .387726  | .0061786 | .041361  |
| %RSD   | .5580566 | .6392827 | .7598200 | 12.17372 | 31.28694 | 3.224216 | 2.571171 |
| #1     | 3.110630 | 27.94244 | .1096529 | .0099217 | 1.323979 | .1972226 | 1.562217 |
| #2     | 3.134515 | 28.23640 | .1096288 | .0110820 | .816177  | .1849980 | 1.641559 |
| #3     | 3.144650 | 28.26925 | .1110900 | .0086739 | 1.577618 | .1926741 | 1.622158 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.39403 | 9.338645 | .0373464 | .0007882 | 3.702587 | 1.987488 | .0047172 |
| Stddev | .10810   | .010247  | .0019312 | .0000626 | .006521  | .009028  | .0005795 |
| %RSD   | .8070494 | .1097246 | 5.171097 | 7.946458 | .1761150 | .4542552 | 12.28528 |
| #1     | 13.29797 | 9.336876 | .0357149 | .0008360 | 3.702522 | 1.988189 | .0049462 |
| #2     | 13.37303 | 9.329397 | .0394787 | .0007173 | 3.696098 | 1.978130 | .0051472 |
| #3     | 13.51108 | 9.349661 | .0368457 | .0008112 | 3.709139 | 1.996146 | .0040581 |

Sample Name: P5188-04DLX2      Acquired: 12/21/2024 0:51:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6328010 | .1515980 | .0549015 |
| Stddev | .0052403 | .0012812 | .0020730 |
| %RSD   | .8281177 | .8451561 | 3.775891 |
| #1     | .6267648 | .1501256 | .0569546 |
| #2     | .6354523 | .1524585 | .0549407 |
| #3     | .6361859 | .1522100 | .0528091 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2011.762 | 24691.95 | 2556.678 | 1717.973 | 2137.992 |
| Stddev    | 4.327    | 157.29   | 14.535   | 13.392   | 3.682    |
| %RSD      | .2151024 | .6369907 | .5685052 | .7795363 | .1722340 |
| #1        | 2010.385 | 24863.85 | 2548.655 | 1733.405 | 2139.594 |
| #2        | 2008.291 | 24555.23 | 2573.456 | 1709.397 | 2133.780 |
| #3        | 2016.610 | 24656.78 | 2547.924 | 1711.117 | 2140.602 |

Sample Name: P5188-05DLX2      Acquired: 12/21/2024 0:55:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1779163 | -.051679 | .3102461 | .0653683 | .0201506 | 74.65807 | 1.100118 |
| Stddev | .0047880 | .003663  | .0009365 | .0004018 | .0023130 | .43701   | .009546  |
| %RSD   | 2.691140 | 7.088745 | .3018564 | .6147492 | 11.47848 | .5853425 | .8677446 |
| #1     | .1811417 | -.047720 | .3108913 | .0658308 | .0221201 | 74.29954 | 1.090663 |
| #2     | .1724149 | -.052367 | .3106751 | .0651045 | .0207281 | 75.14485 | 1.109753 |
| #3     | .1801923 | -.054949 | .3091719 | .0651695 | .0176036 | 74.52982 | 1.099938 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068458 | .0030721 | 34.03115 | .1046558 | .0911317 | .2989840 | 136.6907 |
| Stddev | .0001131 | .0000912 | .10717   | .0012460 | .0006985 | .0073038 | 1.0622   |
| %RSD   | 1.652443 | 2.967136 | .3149134 | 1.190582 | .7664606 | 2.442858 | .7771012 |
| #1     | .0067199 | .0030318 | 33.95874 | .1035617 | .0909368 | .3058086 | 135.8426 |
| #2     | .0069389 | .0030080 | 34.15426 | .1060120 | .0905513 | .2998627 | 137.8821 |
| #3     | .0068786 | .0031764 | 33.98044 | .1043936 | .0919069 | .2912806 | 136.3474 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.472977 | 29.17298 | .1259958 | .0098313 | 1.264288 | .2303839 | .7424024 |
| Stddev | .018139  | .22052   | .0008573 | .0010626 | .564392  | .0021310 | .0152571 |
| %RSD   | .5223018 | .7558971 | .6804271 | 10.80823 | 44.64107 | .9249832 | 2.055104 |
| #1     | 3.458262 | 28.98943 | .1255072 | .0088524 | .722384  | .2306994 | .7253186 |
| #2     | 3.493244 | 29.41760 | .1254946 | .0096802 | 1.848757 | .2323396 | .7546708 |
| #3     | 3.467425 | 29.11192 | .1269857 | .0109614 | 1.221723 | .2281127 | .7472179 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.13738 | 5.388011 | .0255721 | -.000354 | 1.547342 | 1.074265 | .0023162 |
| Stddev | .11890   | .026457  | .0032175 | .000208  | .010120  | .006374  | .0010767 |
| %RSD   | 1.172907 | .4910287 | 12.58212 | 58.96101 | .6540210 | .5933353 | 46.48635 |
| #1     | 10.00147 | 5.358538 | .0220445 | -.000308 | 1.536971 | 1.070579 | .0011030 |
| #2     | 10.22219 | 5.395787 | .0263262 | -.000172 | 1.557190 | 1.081625 | .0026874 |
| #3     | 10.18847 | 5.409708 | .0283455 | -.000581 | 1.547867 | 1.070591 | .0031583 |

Sample Name: P5188-05DLX2      Acquired: 12/21/2024 0:55:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1782550 | .0624911 | .0595032 |
| Stddev | .0043535 | .0004317 | .0023434 |
| %RSD   | 2.442307 | .6908736 | 3.938338 |
| #1     | .1749750 | .0621957 | .0591697 |
| #2     | .1831941 | .0629866 | .0619956 |
| #3     | .1765957 | .0622911 | .0573444 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2072.119 | 25623.49 | 2639.193 | 1787.167 | 2165.324 |
| Stddev    | 10.512   | 193.60   | 15.212   | 16.789   | 11.626   |
| %RSD      | .5072911 | .7555693 | .5763976 | .9394104 | .5369246 |
| #1        | 2078.164 | 25477.78 | 2643.699 | 1780.814 | 2171.927 |
| #2        | 2078.212 | 25549.53 | 2622.237 | 1774.482 | 2172.146 |
| #3        | 2059.981 | 25843.18 | 2651.643 | 1806.205 | 2151.900 |

Sample Name: P5188-06DLX2      Acquired: 12/21/2024 0:59:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1297886 | -.053694 | .2679544 | .0626160 | .0197822 | 76.11747 | 1.391813 |
| Stddev | .0086246 | .002874  | .0016224 | .0033379 | .0024166 | .29420   | .006811  |
| %RSD   | 6.645152 | 5.352537 | .6054890 | 5.330759 | 12.21583 | .3865027 | .4893649 |
| #1     | .1212058 | -.056399 | .2660978 | .0656795 | .0186694 | 75.97052 | 1.390868 |
| #2     | .1384545 | -.054006 | .2686654 | .0590586 | .0181225 | 75.92570 | 1.385523 |
| #3     | .1297056 | -.050677 | .2690999 | .0631098 | .0225547 | 76.45619 | 1.399047 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068313 | .0022152 | 35.22700 | .0970373 | .0898119 | .1460926 | 131.4862 |
| Stddev | .0002423 | .0000420 | .13418   | .0006557 | .0009296 | .0047753 | .6911    |
| %RSD   | 3.546541 | 1.893994 | .3809054 | .6757547 | 1.035012 | 3.268670 | .5255789 |
| #1     | .0071088 | .0021791 | 35.13133 | .0977724 | .0889779 | .1504880 | 131.4364 |
| #2     | .0067235 | .0022054 | 35.16930 | .0965125 | .0896438 | .1410115 | 130.8213 |
| #3     | .0066617 | .0022613 | 35.38038 | .0968270 | .0908140 | .1467783 | 132.2008 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.428389 | 31.69641 | .1038711 | .0087200 | .6504924 | .2140639 | .7749508 |
| Stddev | .018050  | .13500   | .0011526 | .0003932 | .8248681 | .0024923 | .0054600 |
| %RSD   | .5264982 | .4259276 | 1.109619 | 4.509436 | 126.8067 | 1.164280 | .7045603 |
| #1     | 3.428506 | 31.68537 | .1045957 | .0090509 | .4513287 | .2156605 | .7701220 |
| #2     | 3.410280 | 31.56727 | .1025421 | .0082853 | 1.556708 | .2111920 | .7738546 |
| #3     | 3.446380 | 31.83660 | .1044756 | .0088238 | -.056559 | .2153392 | .7808757 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.57690 | 7.262933 | .0288973 | -.000018 | 2.621851 | 1.768733 | .0038750 |
| Stddev | .22256   | .022620  | .0015263 | .000226  | .013525  | .012784  | .0006304 |
| %RSD   | 1.342606 | .3114401 | 5.281804 | 1266.371 | .5158480 | .7227620 | 16.26773 |
| #1     | 16.33425 | 7.252906 | .0271658 | .000130  | 2.606651 | 1.782806 | .0032174 |
| #2     | 16.62488 | 7.247059 | .0294782 | .000094  | 2.626345 | 1.765558 | .0039334 |
| #3     | 16.77155 | 7.288832 | .0300479 | -.000277 | 2.632557 | 1.757837 | .0044741 |

Sample Name: P5188-06DLX2      Acquired: 12/21/2024 0:59:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6511213 | .0863402 | .0643386 |
| Stddev | .0037306 | .0010188 | .0022183 |
| %RSD   | .5729471 | 1.179970 | 3.447833 |
| #1     | .6519616 | .0851773 | .0620242 |
| #2     | .6470422 | .0867674 | .0664464 |
| #3     | .6543600 | .0870758 | .0645452 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2072.691 | 25460.03 | 2621.884 | 1770.704 | 2131.692 |
| Stddev    | 2.843    | 99.39    | 16.525   | 11.876   | 5.823    |
| %RSD      | .1371758 | .3903678 | .6302700 | .6706977 | .2731748 |
| #1        | 2071.382 | 25525.15 | 2602.879 | 1781.992 | 2134.566 |
| #2        | 2075.953 | 25509.32 | 2629.916 | 1771.803 | 2135.519 |
| #3        | 2070.738 | 25345.63 | 2632.858 | 1758.317 | 2124.990 |

Sample Name: P5188-07DLX2      Acquired: 12/21/2024 1:03:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1542626 | -.045745 | .4450883 | .0572210 | .0212692 | 69.34897 | 1.087711 |
| Stddev | .0076561 | .001321  | .0019383 | .0032566 | .0014039 | 1.17366  | .015877  |
| %RSD   | 4.963057 | 2.887174 | .4354846 | 5.691245 | 6.600747 | 1.692393 | 1.459672 |
| #1     | .1456905 | -.047087 | .4468470 | .0534610 | .0199775 | 68.02343 | 1.069528 |
| #2     | .1604210 | -.045701 | .4454077 | .0591445 | .0227634 | 69.76744 | 1.094774 |
| #3     | .1566763 | -.044446 | .4430101 | .0590576 | .0210668 | 70.25604 | 1.098830 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065249 | .0046400 | 47.66969 | .1013215 | .0964918 | .2353602 | 127.8714 |
| Stddev | .0002301 | .0000195 | .71842   | .0014067 | .0009351 | .0087452 | 2.1298   |
| %RSD   | 3.526782 | .4204572 | 1.507076 | 1.388337 | .9690831 | 3.715678 | 1.665551 |
| #1     | .0063254 | .0046175 | 46.85018 | .1024279 | .0956762 | .2282987 | 125.4679 |
| #2     | .0064728 | .0046517 | 47.96796 | .1017983 | .0975124 | .2326395 | 128.6224 |
| #3     | .0067767 | .0046508 | 48.19092 | .0997384 | .0962868 | .2451424 | 129.5239 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.656033 | 29.77543 | .1135253 | .0094689 | .8294869 | .2014267 | 1.128754 |
| Stddev | .062048  | .50330   | .0008776 | .0005080 | .0370282 | .0040009 | .011610  |
| %RSD   | 1.697148 | 1.690306 | .7730119 | 5.365172 | 4.463987 | 1.986295 | 1.028579 |
| #1     | 3.590208 | 29.25277 | .1139729 | .0090113 | .8485092 | .1989806 | 1.141442 |
| #2     | 3.664445 | 29.81669 | .1140889 | .0100156 | .7868140 | .2060439 | 1.126159 |
| #3     | 3.713446 | 30.25682 | .1125142 | .0093799 | .8531375 | .1992557 | 1.118661 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.96535 | 5.358602 | .0289222 | .0003683 | 2.707485 | 1.972108 | .0022011 |
| Stddev | .13794   | .009367  | .0015177 | .0002219 | .007335  | .035014  | .0014833 |
| %RSD   | .8130726 | .1748065 | 5.247577 | 60.24414 | .2708983 | 1.775478 | 67.38755 |
| #1     | 16.81235 | 5.367831 | .0302659 | .0003490 | 2.715714 | 1.931704 | .0004969 |
| #2     | 17.08019 | 5.358874 | .0292247 | .0005991 | 2.705106 | 1.991024 | .0029055 |
| #3     | 17.00352 | 5.349102 | .0272760 | .0001567 | 2.701635 | 1.993596 | .0032010 |



Sample Name: P5188-07DLX2      Acquired: 12/21/2024 1:03:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4167565 | .1089451 | .0578523 |
| Stddev | .0082691 | .0016145 | .0017371 |
| %RSD   | 1.984150 | 1.481951 | 3.002626 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4072226 | .1070852 | .0560211 |
| #2 | .4219773 | .1097649 | .0580589 |
| #3 | .4210696 | .1099853 | .0594768 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2066.060 | 25257.38 | 2612.135 | 1752.290 | 2157.238 |
| Stddev    | 5.593    | 253.62   | 44.824   | 18.823   | 6.708    |
| %RSD      | .2706896 | 1.004132 | 1.715982 | 1.074173 | .3109303 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2062.754 | 25255.74 | 2663.290 | 1745.084 | 2153.026 |
| #2 | 2062.909 | 25004.59 | 2593.384 | 1738.136 | 2153.715 |
| #3 | 2072.517 | 25511.81 | 2579.732 | 1773.651 | 2164.973 |

Sample Name: P5188-08DLX2      Acquired: 12/21/2024 1:06:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5971429 | -.053189 | .8711984 | .0603313 | .0223991 | 51.48900 | .6190598 |
| Stddev | .0028527 | .003301  | .0037690 | .0032965 | .0017022 | .11142   | .0016654 |
| %RSD   | .4777278 | 6.206900 | .4326180 | 5.463970 | 7.599536 | .2163872 | .2690233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5976784 | -.056189 | .8750257 | .0619382 | .0241272 | 51.55580 | .6208631 |
| #2 | .5996900 | -.049652 | .8710789 | .0565395 | .0207240 | 51.36038 | .6187367 |
| #3 | .5940604 | -.053727 | .8674907 | .0625162 | .0223460 | 51.55081 | .6175796 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051703 | .0073577 | 19.75121 | .0719037 | .0660854 | .3009263 | 122.1145 |
| Stddev | .0000453 | .0000878 | .08294   | .0010964 | .0005829 | .0041812 | .0834    |
| %RSD   | .8763684 | 1.193922 | .4199272 | 1.524779 | .8819929 | 1.389431 | .0683347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051562 | .0074337 | 19.65630 | .0706926 | .0666720 | .3027196 | 122.0822 |
| #2 | .0051337 | .0072615 | 19.78757 | .0728285 | .0655063 | .2961476 | 122.0520 |
| #3 | .0052210 | .0073778 | 19.80976 | .0721901 | .0660780 | .3039117 | 122.2092 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.631848 | 21.96006 | .0763433 | .0113141 | 1.513448 | .1779203 | 1.541617 |
| Stddev | .003010  | .10349   | .0002860 | .0007679 | .839987  | .0033993 | .031903  |
| %RSD   | .1143772 | .4712744 | .3745796 | 6.786729 | 55.50156 | 1.910582 | 2.069462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.628397 | 22.07481 | .0763921 | .0107998 | .698924  | .1740103 | 1.505535 |
| #2 | 2.633211 | 21.87378 | .0766017 | .0121967 | 2.376771 | .1795762 | 1.553223 |
| #3 | 2.633935 | 21.93161 | .0760361 | .0109458 | 1.464650 | .1801744 | 1.566092 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.817879 | 5.297533 | .0233101 | .0003776 | 1.465932 | 1.313895 | .0013818 |
| Stddev | .079050  | .004685  | .0013119 | .0007795 | .009531  | .012146  | .0012649 |
| %RSD   | .8051598 | .0884410 | 5.627920 | 206.4475 | .6501977 | .9244537 | 91.54077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.737755 | 5.292128 | .0237876 | .0001455 | 1.454945 | 1.310874 | .0021632 |
| #2 | 9.895808 | 5.300040 | .0243164 | .0012467 | 1.470870 | 1.303544 | .0020599 |
| #3 | 9.820075 | 5.300430 | .0218264 | -.000260 | 1.471982 | 1.327266 | -.000078 |

Sample Name: P5188-08DLX2      Acquired: 12/21/2024 1:06:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7341574 | -.015730 | .0331391 |
| Stddev | .0034018 | .000251  | .0021526 |
| %RSD   | .4633575 | 1.593819 | 6.495764 |
| #1     | .7333897 | -.015843 | .0350237 |
| #2     | .7312051 | -.015443 | .0307932 |
| #3     | .7378775 | -.015904 | .0336003 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1991.630 | 24685.26 | 2530.993 | 1710.492 | 2167.594 |
| Stddev    | 3.257    | 304.36   | 4.814    | 19.782   | 3.551    |
| %RSD      | .1635181 | 1.232944 | .1902129 | 1.156530 | .1638269 |
| #1        | 1994.807 | 24994.10 | 2526.943 | 1732.471 | 2170.982 |
| #2        | 1988.299 | 24385.59 | 2536.316 | 1694.114 | 2163.900 |
| #3        | 1991.784 | 24676.10 | 2529.721 | 1704.890 | 2167.902 |

Sample Name: P5188-09DLX2      Acquired: 12/21/2024 1:10:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3592001 | -.058571 | .4164652 | .0652317 | .0225614 | 64.86751 | .8090046 |
| Stddev | .0000520 | .001417  | .0004960 | .0036724 | .0034601 | .29483   | .0044756 |
| %RSD   | .0144903 | 2.419199 | .1190926 | 5.629789 | 15.33628 | .4545159 | .5532165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3591971 | -.059511 | .4170373 | .0618020 | .0202794 | 64.55673 | .8048985 |
| #2 | .3592536 | -.059262 | .4161550 | .0647869 | .0208621 | 64.90252 | .8083399 |
| #3 | .3591496 | -.056941 | .4162035 | .0691062 | .0265425 | 65.14327 | .8137753 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062093 | .0058832 | 25.32857 | .0897411 | .0841173 | .2704478 | 134.7719 |
| Stddev | .0001128 | .0001600 | .09430   | .0006935 | .0004899 | .0059248 | .4420    |
| %RSD   | 1.816976 | 2.719789 | .3723237 | .7727871 | .5823853 | 2.190719 | .3279731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062162 | .0059777 | 25.23498 | .0894573 | .0843126 | .2650442 | 134.3155 |
| #2 | .0060932 | .0056984 | 25.32717 | .0892346 | .0835599 | .2695159 | 134.8024 |
| #3 | .0063185 | .0059734 | 25.42357 | .0905315 | .0844794 | .2767832 | 135.1979 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.400439 | 27.55857 | .0966638 | .0095798 | .8237057 | .2094243 | 1.079589 |
| Stddev | .011088  | .15790   | .0004648 | .0011410 | .2936200 | .0052312 | .014188  |
| %RSD   | .3260815 | .5729466 | .4808037 | 11.91010 | 35.64622 | 2.497900 | 1.314242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.387842 | 27.43568 | .0963676 | .0108350 | .8307083 | .2047757 | 1.077741 |
| #2 | 3.404755 | 27.50339 | .0964243 | .0092988 | 1.113762 | .2150890 | 1.066416 |
| #3 | 3.408720 | 27.73666 | .0971995 | .0086056 | .526647  | .2084083 | 1.094611 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.500660 | 4.848996 | .0223871 | -.000264 | 1.052006 | 1.306808 | .0022903 |
| Stddev | .034458  | .017705  | .0016979 | .000342  | .003432  | .010795  | .0011888 |
| %RSD   | .3626859 | .3651317 | 7.584028 | 129.7865 | .3262597 | .8260343 | 51.90451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.502494 | 4.835929 | .0224583 | -.000422 | 1.048598 | 1.299103 | .0032728 |
| #2 | 9.534164 | 4.841912 | .0206548 | .000129  | 1.051959 | 1.319146 | .0026292 |
| #3 | 9.465322 | 4.869146 | .0240483 | -.000498 | 1.055462 | 1.302175 | .0009689 |

Sample Name: P5188-09DLX2      Acquired: 12/21/2024 1:10:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8194778 | -.004149 | .0459689 |
| Stddev | .0045077 | .000188  | .0021028 |
| %RSD   | .5500664 | 4.540441 | 4.574499 |
| #1     | .8145126 | -.004366 | .0482911 |
| #2     | .8233128 | -.004056 | .0454225 |
| #3     | .8206081 | -.004025 | .0441932 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2041.094 | 25015.32 | 2581.141 | 1736.015 | 2165.091 |
| Stddev    | 3.247    | 71.17    | 9.472    | 5.049    | 2.946    |
| %RSD      | .1590964 | .2844907 | .3669752 | .2908565 | .1360674 |
| #1        | 2040.337 | 24937.25 | 2580.323 | 1737.320 | 2163.411 |
| #2        | 2044.653 | 25076.57 | 2572.104 | 1740.283 | 2168.492 |
| #3        | 2038.292 | 25032.12 | 2590.996 | 1730.441 | 2163.368 |

Sample Name: P5188-10DLX2      Acquired: 12/21/2024 1:14:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2148305 | -.040042 | .2665843 | .0498368 | .0161623 | 57.91525 | .7934323 |
| Stddev | .0010931 | .003811  | .0017723 | .0062954 | .0024281 | 4.14870  | .0562488 |
| %RSD   | .5087989 | 9.518658 | .6648108 | 12.63209 | 15.02343 | 7.163400 | 7.089296 |
| #1     | .2151112 | -.041959 | .2673558 | .0438393 | .0148794 | 53.18917 | .7291754 |
| #2     | .2136244 | -.035653 | .2645570 | .0492782 | .0146447 | 59.60020 | .8173628 |
| #3     | .2157558 | -.042515 | .2678400 | .0563929 | .0189628 | 60.95639 | .8337587 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051959 | .0041871 | 28.74450 | .0830271 | .0810112 | .1716520 | 109.4375 |
| Stddev | .0003765 | .0001757 | 2.19066  | .0005526 | .0001852 | .0168032 | 7.7428   |
| %RSD   | 7.245323 | 4.197015 | 7.621148 | .6655986 | .2285785 | 9.789119 | 7.075081 |
| #1     | .0047742 | .0043765 | 26.24220 | .0830053 | .0810716 | .1522665 | 100.5718 |
| #2     | .0053157 | .0040293 | 29.67493 | .0824857 | .0808034 | .1820508 | 112.8699 |
| #3     | .0054979 | .0041556 | 30.31638 | .0835903 | .0811586 | .1806389 | 114.8708 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.333416 | 28.81297 | .1057907 | .0082442 | .6464743 | .1572494 | .8254051 |
| Stddev | .239382  | 2.09902  | .0005959 | .0018122 | .6096216 | .0133054 | .0130944 |
| %RSD   | 7.181280 | 7.284967 | .5632932 | 21.98127 | 94.29943 | 8.461308 | 1.586421 |
| #1     | 3.059984 | 26.39938 | .1053770 | .0061589 | -.048653 | .1582866 | .8118540 |
| #2     | 3.435055 | 29.82801 | .1064737 | .0091367 | 1.090148 | .1434558 | .8379892 |
| #3     | 3.505207 | 30.21153 | .1055213 | .0094370 | .897928  | .1700058 | .8263721 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.40245 | 4.513678 | .0198403 | -.000126 | 3.571351 | 1.257865 | .0008842 |
| Stddev | 1.04997  | .016260  | .0009704 | .000739  | .004170  | .080709  | .0010765 |
| %RSD   | 10.09352 | .3602489 | 4.891064 | 585.9053 | .1167557 | 6.416373 | 121.7492 |
| #1     | 9.19834  | 4.521942 | .0193280 | .000542  | 3.573579 | 1.165351 | .0012167 |
| #2     | 10.88191 | 4.494945 | .0209595 | -.000000 | 3.566541 | 1.294382 | .0017553 |
| #3     | 11.12711 | 4.524146 | .0192333 | -.000920 | 3.573934 | 1.313863 | -.000319 |

Sample Name: P5188-10DLX2      Acquired: 12/21/2024 1:14:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZH8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3072787 | .0743674 | .0439252 |
| Stddev | .0204030 | .0051055 | .0059966 |
| %RSD   | 6.639892 | 6.865243 | 13.65181 |
| #1     | .2846645 | .0685082 | .0388004 |
| #2     | .3128649 | .0767331 | .0424551 |
| #3     | .3243068 | .0778610 | .0505201 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2020.032 | 24551.08 | 2649.234 | 1707.672 | 2153.569 |
| Stddev    | 5.118    | 91.34    | 163.734  | 11.459   | 4.409    |
| %RSD      | .2533814 | .3720542 | 6.180415 | .6710354 | .2047484 |
| #1        | 2020.149 | 24643.85 | 2836.815 | 1720.535 | 2150.504 |
| #2        | 2014.857 | 24548.18 | 2575.902 | 1703.924 | 2151.580 |
| #3        | 2025.092 | 24461.23 | 2534.983 | 1698.556 | 2158.622 |

Sample Name: P5188-11DLX2      Acquired: 12/21/2024 1:18:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZQ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1011461 | -.124907 | .0512612 | .1312304 | .0544048 | 117.8459 | .2016033 |
| Stddev | .0028510 | .001216  | .0023300 | .0039069 | .0029694 | .3738    | .0016213 |
| %RSD   | 2.818678 | .9731572 | 4.545332 | 2.977163 | 5.457960 | .3171636 | .8042199 |
| #1     | .1044290 | -.126270 | .0500490 | .1297438 | .0517236 | 117.5742 | .2034370 |
| #2     | .0992918 | -.123936 | .0539474 | .1282850 | .0538944 | 117.6915 | .2003593 |
| #3     | .0997176 | -.124514 | .0497872 | .1356624 | .0575962 | 118.2722 | .2010138 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067015 | .0013516 | 30.45610 | .3165812 | .1940535 | .5999702 | 268.2801 |
| Stddev | .0000958 | .0001023 | .05842   | .0006405 | .0001258 | .0048803 | .5797    |
| %RSD   | 1.429315 | 7.565383 | .1918221 | .2023078 | .0648233 | .8134163 | .2160734 |
| #1     | .0066336 | .0013316 | 30.39195 | .3163959 | .1939088 | .6040860 | 267.6714 |
| #2     | .0068111 | .0014624 | 30.47011 | .3160539 | .1941365 | .5945788 | 268.3435 |
| #3     | .0066600 | .0012608 | 30.50625 | .3172939 | .1941152 | .6012458 | 268.8255 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.239969 | 98.01722 | .3193706 | .0172018 | .6969388 | .6779144 | .2682626 |
| Stddev | .016624  | .08569   | .0017867 | .0002789 | .2491114 | .0022722 | .0114052 |
| %RSD   | .3920753 | .0874193 | .5594360 | 1.621547 | 35.74366 | .3351709 | 4.251515 |
| #1     | 4.228528 | 97.97705 | .3212093 | .0169343 | .8885011 | .6782202 | .2565803 |
| #2     | 4.232341 | 97.95900 | .3176410 | .0174909 | .7869920 | .6755048 | .2688386 |
| #3     | 4.259037 | 98.11561 | .3192613 | .0171802 | .4153232 | .6800181 | .2793689 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7602558 | 2.692576 | .0416250 | -.001637 | .2374200 | 1.058897 | .0122321 |
| Stddev | .0452894 | .001338  | .0026130 | .000135  | .0046410 | .009368  | .0010290 |
| %RSD   | 5.957123 | .0496885 | 6.277494 | 8.270436 | 1.954748 | .8846508 | 8.412615 |
| #1     | .7506376 | 2.692348 | .0421973 | -.001726 | .2388188 | 1.066173 | .0111337 |
| #2     | .7205481 | 2.694013 | .0387733 | -.001481 | .2322405 | 1.062191 | .0131738 |
| #3     | .8095816 | 2.691366 | .0439045 | -.001704 | .2412007 | 1.048327 | .0123889 |



Sample Name: P5188-11DLX2      Acquired: 12/21/2024 1:18:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZQ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8310668 | -.155846 | .0530878 |
| Stddev | .0046337 | .000071  | .0024505 |
| %RSD   | .5575612 | .0454277 | 4.615855 |
| #1     | .8259450 | -.155776 | .0553685 |
| #2     | .8322875 | -.155917 | .0504971 |
| #3     | .8349680 | -.155845 | .0533978 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1973.408 | 24135.70 | 2513.280 | 1672.198 | 2091.423 |
| Stddev    | 1.763    | 53.98    | 13.393   | 3.498    | 3.119    |
| %RSD      | .0893510 | .2236517 | .5328950 | .2091797 | .1491166 |
| #1        | 1972.504 | 24082.53 | 2499.784 | 1676.227 | 2090.180 |
| #2        | 1972.280 | 24190.46 | 2513.486 | 1669.941 | 2089.117 |
| #3        | 1975.440 | 24134.12 | 2526.568 | 1670.425 | 2094.971 |

Sample Name: P5188-12DLX2      Acquired: 12/21/2024 1:22:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1059587 | -.120292 | .0544081 | .1268838 | .0521425 | 113.8360 | .1650192 |
| Stddev | .0054981 | .005253  | .0017806 | .0045892 | .0018543 | .6557    | .0013206 |
| %RSD   | 5.188904 | 4.366930 | 3.272710 | 3.616815 | 3.556172 | .5760064 | .8002681 |
| #1     | .1095704 | -.120748 | .0564642 | .1250590 | .0500619 | 113.0917 | .1635500 |
| #2     | .0996312 | -.125302 | .0533893 | .1321046 | .0536205 | 114.3283 | .1661073 |
| #3     | .1086746 | -.114826 | .0533709 | .1234877 | .0527452 | 114.0880 | .1654005 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065020 | .0014607 | 27.75688 | .3096132 | .2020296 | .6336995 | 259.1760 |
| Stddev | .0000760 | .0001969 | .14882   | .0009047 | .0002881 | .0081974 | 1.7740   |
| %RSD   | 1.168452 | 13.47833 | .5361618 | .2921888 | .1425979 | 1.293577 | .6844840 |
| #1     | .0065531 | .0016794 | 27.58701 | .3105265 | .2022133 | .6306675 | 257.3328 |
| #2     | .0064147 | .0014054 | 27.81935 | .3087175 | .2021781 | .6274500 | 260.8716 |
| #3     | .0065382 | .0012974 | 27.86429 | .3095957 | .2016976 | .6429810 | 259.3235 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.165472 | 94.88006 | .3133434 | .0158682 | .8466578 | .6346479 | .3088774 |
| Stddev | .020882  | .60933   | .0007466 | .0005346 | .3436042 | .0099062 | .0007265 |
| %RSD   | .5013178 | .6422122 | .2382693 | 3.368865 | 40.58360 | 1.560892 | .2351971 |
| #1     | 4.146752 | 94.20233 | .3124815 | .0162301 | .4532021 | .6253277 | .3095382 |
| #2     | 4.187994 | 95.38262 | .3137579 | .0152542 | .9991325 | .6335649 | .3080995 |
| #3     | 4.161669 | 95.05524 | .3137909 | .0161203 | 1.087639 | .6450510 | .3089946 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.398914 | 2.566037 | .0552537 | -.001472 | .2442352 | .5058306 | .0118158 |
| Stddev | .303711  | .001887  | .0040418 | .000142  | .0074422 | .0045017 | .0017383 |
| %RSD   | 8.935542 | .0735439 | 7.315047 | 9.680611 | 3.047154 | .8899565 | 14.71202 |
| #1     | 3.049917 | 2.565840 | .0526895 | -.001593 | .2528248 | .5088391 | .0108102 |
| #2     | 3.603273 | 2.564257 | .0599129 | -.001315 | .2401640 | .5006553 | .0138230 |
| #3     | 3.543551 | 2.568015 | .0531586 | -.001507 | .2397168 | .5079974 | .0108141 |

Sample Name: P5188-12DLX2      Acquired: 12/21/2024 1:22:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6924407 | -.153933 | .0483461 |
| Stddev | .0026858 | .001391  | .0031510 |
| %RSD   | .3878772 | .9038413 | 6.517478 |
| #1     | .6897892 | -.152351 | .0480001 |
| #2     | .6951596 | -.154969 | .0453824 |
| #3     | .6923732 | -.154479 | .0516558 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1977.105 | 24273.31 | 2529.209 | 1683.875 | 2101.861 |
| Stddev    | 2.712    | 47.03    | 8.972    | 2.196    | 4.140    |
| %RSD      | .1371851 | .1937454 | .3547341 | .1304069 | .1969700 |
| #1        | 1976.803 | 24228.30 | 2537.924 | 1686.402 | 2101.522 |
| #2        | 1974.557 | 24269.51 | 2529.702 | 1682.794 | 2097.901 |
| #3        | 1979.956 | 24322.13 | 2520.000 | 1682.430 | 2106.160 |

Sample Name: P5188-13DLX2      Acquired: 12/21/2024 1:26:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0886514 | -.077885 | .0639060 | .0870031 | .0331749 | 84.14714 | .4681328 |
| Stddev | .0027745 | .003289  | .0014685 | .0046976 | .0030266 | .10205   | .0013062 |
| %RSD   | 3.129693 | 4.222528 | 2.297965 | 5.399300 | 9.123060 | .1212728 | .2790342 |
| #1     | .0916275 | -.080882 | .0622346 | .0838300 | .0302517 | 84.07557 | .4683906 |
| #2     | .0861362 | -.074367 | .0649896 | .0923996 | .0362952 | 84.10185 | .4692910 |
| #3     | .0881905 | -.078405 | .0644939 | .0847798 | .0329778 | 84.26399 | .4667169 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054429 | .0013476 | 30.96270 | .1859131 | .1380915 | .3787580 | 182.5111 |
| Stddev | .0000673 | .0000716 | .06575   | .0008562 | .0005655 | .0024138 | .3898    |
| %RSD   | 1.237407 | 5.313846 | .2123569 | .4605263 | .4095160 | .6372849 | .2135503 |
| #1     | .0053659 | .0012650 | 30.93592 | .1855259 | .1380797 | .3802375 | 182.0623 |
| #2     | .0054910 | .0013886 | 30.91456 | .1868945 | .1375321 | .3759726 | 182.7641 |
| #3     | .0054717 | .0013894 | 31.03761 | .1853189 | .1386629 | .3800639 | 182.7069 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.875095 | 62.59366 | .2026608 | .0115383 | 1.740504 | .4019176 | .2661777 |
| Stddev | .003480  | .13513   | .0001232 | .0013373 | .823748  | .0078434 | .0040171 |
| %RSD   | .0898111 | .2158813 | .0607672 | 11.58994 | 47.32811 | 1.951494 | 1.509188 |
| #1     | 3.878619 | 62.56336 | .2025792 | .0130442 | .941647  | .4094105 | .2615498 |
| #2     | 3.875008 | 62.74137 | .2026007 | .0110812 | 1.692796 | .3937653 | .2687639 |
| #3     | 3.871660 | 62.47626 | .2028025 | .0104895 | 2.587069 | .4025770 | .2682195 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.852313 | 3.667551 | .0285599 | -.000733 | .6509729 | 1.092589 | .0058026 |
| Stddev | .120418  | .004375  | .0040729 | .000097  | .0019050 | .006346  | .0016074 |
| %RSD   | 1.360305 | .1193023 | 14.26078 | 13.21001 | .2926421 | .5808043 | 27.70151 |
| #1     | 8.724132 | 3.666315 | .0250590 | -.000787 | .6488906 | 1.097382 | .0053555 |
| #2     | 8.869736 | 3.672412 | .0275907 | -.000791 | .6526281 | 1.094991 | .0075862 |
| #3     | 8.963070 | 3.663927 | .0330299 | -.000621 | .6514000 | 1.085392 | .0044660 |

Sample Name: P5188-13DLX2      Acquired: 12/21/2024 1:26:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5976223 | -.051869 | .0467208 |
| Stddev | .0034273 | .000307  | .0016187 |
| %RSD   | .5734950 | .5923962 | 3.464600 |
| #1     | .6015747 | -.051723 | .0485728 |
| #2     | .5954701 | -.052223 | .0460134 |
| #3     | .5958223 | -.051663 | .0455762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1994.726 | 24547.61 | 2532.000 | 1703.344 | 2117.038 |
| Stddev    | 5.077    | 18.79    | 9.979    | 3.603    | 5.088    |
| %RSD      | .2545043 | .0765310 | .3941093 | .2115394 | .2403195 |
| #1        | 1996.990 | 24550.23 | 2520.981 | 1700.120 | 2122.125 |
| #2        | 1998.277 | 24564.95 | 2534.592 | 1707.234 | 2117.038 |
| #3        | 1988.911 | 24527.65 | 2540.427 | 1702.679 | 2111.950 |

Sample Name: P5188-14DLX2      Acquired: 12/21/2024 1:29:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0723011 | -.046715 | .0988166 | .0593191 | .0213639 | 68.09290 | .7509518 |
| Stddev | .0048478 | .004648  | .0022537 | .0033484 | .0030049 | .13604   | .0017704 |
| %RSD   | 6.705045 | 9.949442 | 2.280724 | 5.644664 | 14.06554 | .1997904 | .2357583 |
| #1     | .0778457 | -.044475 | .1005996 | .0591841 | .0230588 | 68.00904 | .7496870 |
| #2     | .0701955 | -.052058 | .0962834 | .0627330 | .0231384 | 68.24987 | .7529751 |
| #3     | .0688622 | -.043610 | .0995667 | .0560404 | .0178944 | 68.01979 | .7501932 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055496 | .0020375 | 35.91852 | .0621521 | .0962011 | .2104319 | 128.9814 |
| Stddev | .0000923 | .0000669 | .06972   | .0005556 | .0007643 | .0060331 | .2543    |
| %RSD   | 1.662868 | 3.284341 | .1941054 | .8939457 | .7944968 | 2.867022 | .1971915 |
| #1     | .0055266 | .0019643 | 35.85896 | .0620857 | .0958962 | .2070934 | 128.8071 |
| #2     | .0056512 | .0020524 | 35.99521 | .0627379 | .0956363 | .2068060 | 129.2733 |
| #3     | .0054709 | .0020956 | 35.90138 | .0616326 | .0970708 | .2173964 | 128.8639 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.232633 | 35.59315 | .0914923 | .0088718 | 1.616101 | .1680011 | .3323408 |
| Stddev | .014887  | .24097   | .0006588 | .0006000 | .639192  | .0118415 | .0047112 |
| %RSD   | .3517272 | .6770074 | .7200114 | 6.763280 | 39.55148 | 7.048481 | 1.417575 |
| #1     | 4.223914 | 35.46850 | .0912707 | .0082065 | .878228  | .1723516 | .3305956 |
| #2     | 4.249823 | 35.87091 | .0909729 | .0090368 | 2.000002 | .1770520 | .3376755 |
| #3     | 4.224163 | 35.44004 | .0922333 | .0093721 | 1.970073 | .1545997 | .3287512 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.37037 | 3.675698 | .0233744 | -.000043 | .2797758 | 1.269565 | .0011171 |
| Stddev | .17021   | .013446  | .0026363 | .000275  | .0011813 | .007781  | .0013920 |
| %RSD   | 1.496919 | .3658169 | 11.27879 | 644.9592 | .4222431 | .6129008 | 124.6132 |
| #1     | 11.23165 | 3.660403 | .0208197 | -.000012 | .2810724 | 1.268085 | .0011341 |
| #2     | 11.56030 | 3.681031 | .0260855 | -.000332 | .2787604 | 1.277980 | -.000283 |
| #3     | 11.31916 | 3.685660 | .0232179 | .000216  | .2794945 | 1.262630 | .002501  |

Sample Name: P5188-14DLX2      Acquired: 12/21/2024 1:29:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2891002 | .0007224 | .0505785 |
| Stddev | .0012323 | .0004130 | .0017390 |
| %RSD   | .4262380 | 57.17517 | 3.438119 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2884303 | .0011618 | .0491205 |
| #2 | .2883481 | .0003422 | .0525031 |
| #3 | .2905223 | .0006631 | .0501118 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2022.834 | 24799.43 | 2576.282 | 1722.616 | 2133.445 |
| Stddev    | 4.128    | 97.28    | 9.555    | 10.139   | 3.268    |
| %RSD      | .2040521 | .3922584 | .3708780 | .5886092 | .1531809 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2025.000 | 24770.20 | 2582.173 | 1724.581 | 2136.177 |
| #2 | 2018.074 | 24720.11 | 2565.257 | 1711.638 | 2129.825 |
| #3 | 2025.428 | 24907.97 | 2581.415 | 1731.629 | 2134.335 |

Sample Name: P5188-15DLX2      Acquired: 12/21/2024 1:33:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0735029 | -.054213 | .0731675 | .0650241 | .0251333 | 80.21459 | .8568968 |
| Stddev | .0043082 | .001559  | .0006806 | .0037225 | .0011847 | .51508   | .0054861 |
| %RSD   | 5.861193 | 2.875206 | .9302348 | 5.724816 | 4.713563 | .6421227 | .6402329 |
| #1     | .0718497 | -.053759 | .0728850 | .0607379 | .0262328 | 79.66366 | .8512340 |
| #2     | .0702661 | -.052932 | .0726736 | .0674475 | .0252885 | 80.29599 | .8572691 |
| #3     | .0783928 | -.055949 | .0739439 | .0668869 | .0238787 | 80.68412 | .8621873 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061352 | .0014997 | 39.07150 | .0813546 | .1015773 | .1730293 | 145.3974 |
| Stddev | .0000321 | .0000765 | .22124   | .0004866 | .0002491 | .0036814 | .7158    |
| %RSD   | .5224550 | 5.101231 | .5662384 | .5980976 | .2452446 | 2.127625 | .4922963 |
| #1     | .0061513 | .0014926 | 38.85706 | .0813480 | .1018531 | .1753722 | 144.5871 |
| #2     | .0061559 | .0014271 | 39.05848 | .0818445 | .1013687 | .1749296 | 145.6614 |
| #3     | .0060983 | .0015796 | 39.29896 | .0808714 | .1015102 | .1687860 | 145.9437 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.350751 | 38.92986 | .1045850 | .0088940 | .9208315 | .2000212 | .3223270 |
| Stddev | .023004  | .24651   | .0001590 | .0007664 | .5266335 | .0044662 | .0082198 |
| %RSD   | .5287381 | .6332131 | .1520145 | 8.617288 | 57.19108 | 2.232877 | 2.550149 |
| #1     | 4.331053 | 38.64529 | .1044494 | .0082881 | .5954383 | .1949473 | .3318181 |
| #2     | 4.345166 | 39.06644 | .1045457 | .0086383 | 1.528424 | .2017583 | .3175072 |
| #3     | 4.376033 | 39.07784 | .1047600 | .0097556 | .638632  | .2033578 | .3176559 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.82117 | 3.886037 | .0279416 | -.000627 | .4686426 | .9262299 | .0039094 |
| Stddev | .09631   | .024062  | .0014217 | .000678  | .0008732 | .0051195 | .0006256 |
| %RSD   | .6968440 | .6191838 | 5.088045 | 108.2352 | .1863210 | .5527295 | 16.00301 |
| #1     | 13.71260 | 3.905217 | .0268023 | -.000032 | .4696161 | .9206793 | .0036891 |
| #2     | 13.85456 | 3.893855 | .0295348 | -.000483 | .4683834 | .9272436 | .0034237 |
| #3     | 13.89634 | 3.859039 | .0274877 | -.001366 | .4679285 | .9307667 | .0046153 |



Sample Name: P5188-15DLX2      Acquired: 12/21/2024 1:33:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5014770 | .0191447 | .0558963 |
| Stddev | .0048950 | .0001734 | .0027565 |
| %RSD   | .9761173 | .9058977 | 4.931440 |
| #1     | .4965833 | .0192933 | .0583647 |
| #2     | .5014744 | .0189542 | .0564023 |
| #3     | .5063734 | .0191866 | .0529218 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2073.065 | 25246.42 | 2639.944 | 1749.893 | 2171.971 |
| Stddev    | 6.408    | 174.24   | 24.413   | 11.308   | 7.047    |
| %RSD      | .3091283 | .6901662 | .9247416 | .6462383 | .3244368 |
| #1        | 2066.485 | 25282.58 | 2666.508 | 1749.427 | 2166.260 |
| #2        | 2073.424 | 25056.94 | 2634.834 | 1738.825 | 2169.807 |
| #3        | 2079.286 | 25399.75 | 2618.491 | 1761.427 | 2179.845 |

Sample Name: P5188-16DLX2      Acquired: 12/21/2024 1:37:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0984396 | -.066282 | .1163834 | .0789139 | .0283029 | 88.94540 | .9233895 |
| Stddev | .0037412 | .003308  | .0002730 | .0048097 | .0012904 | .11624   | .0033006 |
| %RSD   | 3.800466 | 4.990086 | .2346037 | 6.094921 | 4.559270 | .1306904 | .3574442 |
| #1     | .1011873 | -.066255 | .1161103 | .0765014 | .0283793 | 89.05716 | .9266418 |
| #2     | .0941788 | -.062988 | .1166564 | .0757879 | .0269760 | 88.95391 | .9200426 |
| #3     | .0999525 | -.069602 | .1163833 | .0844524 | .0295534 | 88.82514 | .9234842 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068842 | .0023124 | 44.73232 | .0765249 | .1192093 | .2662449 | 168.5255 |
| Stddev | .0000180 | .0000662 | .08453   | .0013192 | .0002031 | .0072270 | .2117    |
| %RSD   | .2615112 | 2.864041 | .1889633 | 1.723910 | .1703335 | 2.714433 | .1256043 |
| #1     | .0068945 | .0022715 | 44.82979 | .0772147 | .1189797 | .2630057 | 168.5085 |
| #2     | .0068948 | .0022768 | 44.68803 | .0773562 | .1193652 | .2745249 | 168.3229 |
| #3     | .0068635 | .0023888 | 44.67914 | .0750038 | .1192829 | .2612041 | 168.7452 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.113061 | 45.78918 | .1085227 | .0116653 | 1.418116 | .2438528 | .3535749 |
| Stddev | .013047  | .04859   | .0008517 | .0009515 | .220754  | .0059774 | .0073837 |
| %RSD   | .2551792 | .1061265 | .7848169 | 8.156718 | 15.56672 | 2.451252 | 2.088297 |
| #1     | 5.126175 | 45.78560 | .1077578 | .0118096 | 1.668216 | .2410783 | .3521523 |
| #2     | 5.112927 | 45.74247 | .1094405 | .0106498 | 1.250408 | .2397668 | .3615664 |
| #3     | 5.100081 | 45.83946 | .1083698 | .0125363 | 1.335724 | .2507133 | .3470061 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.50544 | 5.059363 | .0323033 | -.000318 | .3739404 | 1.137699 | .0054955 |
| Stddev | .12387   | .016267  | .0049413 | .000082  | .0048095 | .001799  | .0008009 |
| %RSD   | .7988592 | .3215223 | 15.29645 | 25.93446 | 1.286162 | .1580923 | 14.57330 |
| #1     | 15.63802 | 5.044913 | .0359535 | -.000295 | .3710014 | 1.137640 | .0046810 |
| #2     | 15.48562 | 5.056194 | .0266804 | -.000249 | .3794906 | 1.139527 | .0055237 |
| #3     | 15.39268 | 5.076981 | .0342758 | -.000409 | .3713290 | 1.135931 | .0062820 |

Sample Name: P5188-16DLX2      Acquired: 12/21/2024 1:37:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8401346 | .0156189 | .0645759 |
| Stddev | .0031470 | .0002274 | .0053973 |
| %RSD   | .3745795 | 1.456035 | 8.357994 |
| #1     | .8431659 | .0157952 | .0707979 |
| #2     | .8403545 | .0156993 | .0611565 |
| #3     | .8368835 | .0153622 | .0617733 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2048.182 | 25148.77 | 2601.291 | 1743.267 | 2113.503 |
| Stddev    | 2.708    | 124.76   | 5.605    | 6.632    | 3.330    |
| %RSD      | .1322167 | .4960698 | .2154593 | .3804093 | .1575502 |
| #1        | 2050.883 | 25039.90 | 2600.829 | 1738.689 | 2117.337 |
| #2        | 2048.197 | 25121.51 | 2595.932 | 1740.241 | 2111.338 |
| #3        | 2045.467 | 25284.90 | 2607.113 | 1750.872 | 2111.834 |

Sample Name: P5188-17DLX2      Acquired: 12/21/2024 1:41:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0922628 | -.058530 | .1287002 | .0660212 | .0245972 | 84.74246 | .9252083 |
| Stddev | .0024059 | .002599  | .0000803 | .0019690 | .0016543 | .29856   | .0033558 |
| %RSD   | 2.607601 | 4.441152 | .0623897 | 2.982306 | 6.725561 | .3523159 | .3627037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0896272 | -.061508 | .1287504 | .0642742 | .0264465 | 84.61907 | .9256107 |
| #2 | .0928203 | -.056721 | .1287426 | .0681548 | .0240869 | 84.52538 | .9216695 |
| #3 | .0943410 | -.057360 | .1286076 | .0656347 | .0232582 | 85.08294 | .9283448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066337 | .0026488 | 49.27167 | .0796336 | .1181368 | .2238433 | 154.1233 |
| Stddev | .0000751 | .0000202 | .20743   | .0002944 | .0003877 | .0093763 | .4194    |
| %RSD   | 1.131785 | .7630155 | .4209860 | .3696679 | .3281436 | 4.188762 | .2720935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065473 | .0026422 | 49.05449 | .0795687 | .1179382 | .2293643 | 153.7677 |
| #2 | .0066828 | .0026714 | 49.29282 | .0799550 | .1178888 | .2130172 | 154.0166 |
| #3 | .0066711 | .0026326 | 49.46772 | .0793771 | .1185836 | .2291484 | 154.5858 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.000067 | 46.02844 | .1121312 | .0104876 | .1764795 | .2108653 | .4080515 |
| Stddev | .013783  | .14830   | .0010658 | .0014143 | .4675017 | .0055070 | .0061294 |
| %RSD   | .2756589 | .3221846 | .9504771 | 13.48584 | 264.9042 | 2.611611 | 1.502119 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.991829 | 45.94403 | .1127248 | .0088901 | .0299957 | .2064974 | .4125918 |
| #2 | 4.992392 | 46.19967 | .1127680 | .0115802 | .6996821 | .2090470 | .4104833 |
| #3 | 5.015979 | 45.94162 | .1109008 | .0109925 | -.200239 | .2170515 | .4010793 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.89434 | 5.001535 | .0297888 | .0000288 | .6587269 | 1.452807 | .0041218 |
| Stddev | .05638   | .013821  | .0037202 | .0001989 | .0032467 | .015183  | .0011049 |
| %RSD   | .2983900 | .2763353 | 12.48848 | 691.4739 | .4928756 | 1.045075 | 26.80611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.89805 | 4.985597 | .0318625 | -.000196 | .6607361 | 1.446594 | .0030096 |
| #2 | 18.94877 | 5.010210 | .0320100 | .000099  | .6549812 | 1.441716 | .0041366 |
| #3 | 18.83620 | 5.008798 | .0254940 | .000183  | .6604632 | 1.470111 | .0052192 |

Sample Name: P5188-17DLX2      Acquired: 12/21/2024 1:41:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3664339 | .0338157 | .0619522 |
| Stddev | .0051196 | .0005246 | .0027569 |
| %RSD   | 1.397148 | 1.551225 | 4.450019 |
| #1     | .3625188 | .0339672 | .0605462 |
| #2     | .3722274 | .0342479 | .0601818 |
| #3     | .3645556 | .0332321 | .0651286 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2032.952 | 25162.63 | 2606.371 | 1745.478 | 2094.414 |
| Stddev    | 10.322   | 71.18    | 23.421   | 8.431    | 6.114    |
| %RSD      | .5077366 | .2828954 | .8986209 | .4830115 | .2919046 |
| #1        | 2038.258 | 25090.89 | 2614.580 | 1744.293 | 2099.197 |
| #2        | 2039.541 | 25163.76 | 2624.584 | 1737.702 | 2096.519 |
| #3        | 2021.056 | 25233.24 | 2579.950 | 1754.439 | 2087.526 |

Sample Name: P5188-18DLX2      Acquired: 12/21/2024 1:45:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0782671 | -.052297 | .0913201 | .0659449 | .0228386 | 77.10716 | .8994848 |
| Stddev | .0017926 | .003389  | .0005538 | .0017218 | .0019889 | .22228   | .0025390 |
| %RSD   | 2.290400 | 6.479613 | .6064300 | 2.610982 | 8.708508 | .2882750 | .2822776 |
| #1     | .0801968 | -.055783 | .0908474 | .0642103 | .0250657 | 76.85563 | .8967907 |
| #2     | .0779510 | -.052092 | .0919294 | .0659707 | .0212394 | 77.27717 | .9018334 |
| #3     | .0766536 | -.049015 | .0911835 | .0676536 | .0222108 | 77.18869 | .8998303 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058751 | .0017981 | 40.90879 | .0677487 | .1093140 | .1848505 | 144.7464 |
| Stddev | .0001625 | .0000300 | .04420   | .0002705 | .0004318 | .0080828 | .3214    |
| %RSD   | 2.766445 | 1.668996 | .1080332 | .3993287 | .3950472 | 4.372616 | .2220567 |
| #1     | .0057625 | .0017670 | 40.86229 | .0675476 | .1093039 | .1926308 | 144.5482 |
| #2     | .0060615 | .0018006 | 40.95024 | .0676424 | .1097508 | .1764958 | 144.5737 |
| #3     | .0058014 | .0018268 | 40.91386 | .0680563 | .1088873 | .1854248 | 145.1172 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.160826 | 42.05776 | .0951276 | .0096127 | 1.319881 | .2057786 | .3016841 |
| Stddev | .018943  | .22872   | .0005260 | .0006846 | .343024  | .0090454 | .0025356 |
| %RSD   | .3670604 | .5438325 | .5529625 | 7.122334 | 25.98899 | 4.395675 | .8404671 |
| #1     | 5.141052 | 41.79496 | .0956879 | .0098011 | 1.690580 | .1957779 | .3041068 |
| #2     | 5.178812 | 42.21187 | .0950504 | .0088535 | 1.255372 | .2081700 | .3018963 |
| #3     | 5.162613 | 42.16645 | .0946444 | .0101833 | 1.013692 | .2133881 | .2990491 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.07614 | 4.275710 | .0207644 | -.000230 | .3355663 | 1.110914 | .0031907 |
| Stddev | .11473   | .014779  | .0024182 | .000365  | .0055903 | .009939  | .0015650 |
| %RSD   | .9500842 | .3456556 | 11.64587 | 158.3187 | 1.665934 | .8946616 | 49.05058 |
| #1     | 11.94380 | 4.287059 | .0233837 | .000043  | .3400876 | 1.100630 | .0049035 |
| #2     | 12.13700 | 4.258998 | .0186170 | -.000644 | .3293157 | 1.120467 | .0018353 |
| #3     | 12.14763 | 4.281072 | .0202924 | -.000089 | .3372958 | 1.111646 | .0028332 |

Sample Name: P5188-18DLX2      Acquired: 12/21/2024 1:45:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4212451 | .0173990 | .0571757 |
| Stddev | .0023367 | .0006179 | .0031087 |
| %RSD   | .5547175 | 3.551303 | 5.437124 |
| #1     | .4229582 | .0168047 | .0564768 |
| #2     | .4221939 | .0180380 | .0605743 |
| #3     | .4185832 | .0173542 | .0544759 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2015.371 | 24876.37 | 2574.054 | 1728.115 | 2111.093 |
| Stddev    | 3.682    | 57.97    | 10.101   | 5.836    | 2.589    |
| %RSD      | .1827116 | .2330268 | .3924073 | .3376899 | .1226348 |
| #1        | 2016.628 | 24815.50 | 2579.581 | 1724.955 | 2108.490 |
| #2        | 2011.225 | 24882.68 | 2562.396 | 1724.541 | 2111.122 |
| #3        | 2018.261 | 24930.92 | 2580.186 | 1734.849 | 2113.668 |

Sample Name: P5188-19DLX2      Acquired: 12/21/2024 1:49:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0865607 | -.065687 | .1024013 | .0742216 | .0276441 | 87.37095 | .9255884 |
| Stddev | .0066972 | .003660  | .0016271 | .0056370 | .0020618 | 3.46488  | .0370622 |
| %RSD   | 7.736978 | 5.572165 | 1.588920 | 7.594765 | 7.458545 | 3.965708 | 4.004172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0942467 | -.061561 | .1010189 | .0707533 | .0252949 | 83.66620 | .8855847 |
| #2 | .0834568 | -.068544 | .1019906 | .0711858 | .0291536 | 87.91505 | .9324228 |
| #3 | .0819785 | -.066957 | .1041944 | .0807258 | .0284837 | 90.53158 | .9587576 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068128 | .0021296 | 45.39565 | .0762385 | .1217712 | .1994622 | 164.5809 |
| Stddev | .0003571 | .0000878 | 1.84869  | .0005973 | .0006290 | .0079579 | 6.7537   |
| %RSD   | 5.241011 | 4.122644 | 4.072403 | .7835029 | .5165182 | 3.989683 | 4.103592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065493 | .0022203 | 43.46548 | .0769277 | .1210626 | .1919150 | 157.4608 |
| #2 | .0066700 | .0021236 | 45.57109 | .0759169 | .1222636 | .1986961 | 165.3855 |
| #3 | .0072192 | .0020450 | 47.15036 | .0758708 | .1219873 | .2077754 | 170.8962 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.255578 | 46.46380 | .1108145 | .0096878 | 1.380080 | .2308416 | .3501806 |
| Stddev | .203138  | 1.79643  | .0006713 | .0012464 | .339528  | .0041454 | .0191514 |
| %RSD   | 3.865181 | 3.866309 | .6057709 | 12.86533 | 24.60207 | 1.795783 | 5.469018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.040746 | 44.51628 | .1104782 | .0084029 | 1.145079 | .2288172 | .3418447 |
| #2 | 5.281445 | 46.81907 | .1103779 | .0097688 | 1.225808 | .2280974 | .3366098 |
| #3 | 5.444543 | 48.05606 | .1115875 | .0108916 | 1.769353 | .2356102 | .3720872 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.65310 | 5.160770 | .0261182 | -.000798 | .3593149 | 1.100427 | .0043155 |
| Stddev | .66894   | .022220  | .0020289 | .000427  | .0042392 | .031213  | .0010487 |
| %RSD   | 4.899536 | .4305649 | 7.768320 | 53.50521 | 1.179792 | 2.836482 | 24.30144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.95237 | 5.139295 | .0244723 | -.000403 | .3552707 | 1.064962 | .0031182 |
| #2 | 13.72201 | 5.159346 | .0254972 | -.000740 | .3589487 | 1.112597 | .0050713 |
| #3 | 14.28491 | 5.183668 | .0283851 | -.001250 | .3637253 | 1.123723 | .0047570 |



Sample Name: P5188-19DLX2      Acquired: 12/21/2024 1:49:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3451448 | .0178108 | .0602838 |
| Stddev | .0149174 | .0001669 | .0035536 |
| %RSD   | 4.322063 | .9371819 | 5.894720 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3303046 | .0176464 | .0573347 |
| #2 | .3449916 | .0179801 | .0592875 |
| #3 | .3601382 | .0178058 | .0642292 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2037.702 | 24896.95 | 2655.836 | 1726.028 | 2092.430 |
| Stddev    | 4.832    | 123.09   | 78.236   | 6.997    | 5.668    |
| %RSD      | .2371303 | .4943989 | 2.945803 | .4053963 | .2708978 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2043.271 | 24938.87 | 2741.047 | 1728.401 | 2098.058 |
| #2 | 2034.620 | 24993.60 | 2639.215 | 1731.530 | 2092.512 |
| #3 | 2035.215 | 24758.37 | 2587.246 | 1718.152 | 2086.722 |

Sample Name: P5188-20DLX2      Acquired: 12/21/2024 1:53:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0596633 | -.046242 | .0792508 | .0596110 | .0192402 | 67.64102 | .7695969 |
| Stddev | .0088458 | .003327  | .0039217 | .0032283 | .0011656 | .19767   | .0033880 |
| %RSD   | 14.82620 | 7.194517 | 4.948514 | 5.415544 | 6.057853 | .2922372 | .4402272 |
| #1     | .0597855 | -.044398 | .0774183 | .0561667 | .0202930 | 67.86919 | .7731160 |
| #2     | .0684474 | -.044244 | .0837534 | .0625678 | .0179877 | 67.52148 | .7663574 |
| #3     | .0507571 | -.050082 | .0765809 | .0600985 | .0194400 | 67.53239 | .7693174 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051847 | .0014333 | 38.36175 | .0559137 | .0984818 | .1366282 | 129.7936 |
| Stddev | .0001415 | .0000730 | .06459   | .0006335 | .0007674 | .0095336 | .6510    |
| %RSD   | 2.728878 | 5.092567 | .1683778 | 1.132947 | .7792399 | 6.977775 | .5015706 |
| #1     | .0050841 | .0013494 | 38.43341 | .0566393 | .0978641 | .1473996 | 130.5119 |
| #2     | .0051234 | .0014681 | 38.34383 | .0554710 | .0982404 | .1292746 | 129.2426 |
| #3     | .0053465 | .0014824 | 38.30801 | .0556308 | .0993409 | .1332104 | 129.6262 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.570576 | 38.09235 | .0842773 | .0087452 | 1.502602 | .1573890 | .2864420 |
| Stddev | .020410  | .10630   | .0007173 | .0009555 | .316425  | .0054218 | .0095620 |
| %RSD   | .4465495 | .2790470 | .8510753 | 10.92571 | 21.05849 | 3.444852 | 3.338184 |
| #1     | 4.594053 | 38.21112 | .0841667 | .0098198 | 1.807713 | .1623835 | .2945511 |
| #2     | 4.557055 | 38.00615 | .0836217 | .0084245 | 1.175961 | .1581610 | .2758980 |
| #3     | 4.560619 | 38.05978 | .0850434 | .0079913 | 1.524132 | .1516226 | .2888769 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.06026 | 3.769696 | .0208521 | -.000144 | .2951465 | .8476957 | .0027582 |
| Stddev | .11429   | .002380  | .0019235 | .000349  | .0016361 | .0049008 | .0018510 |
| %RSD   | .9476437 | .0631242 | 9.224312 | 242.8423 | .5543219 | .5781294 | 67.10828 |
| #1     | 11.94690 | 3.766982 | .0210135 | -.000542 | .2939016 | .8531388 | .0006383 |
| #2     | 12.17545 | 3.771426 | .0188530 | .000108  | .2945384 | .8463149 | .0040539 |
| #3     | 12.05843 | 3.770679 | .0226897 | .000003  | .2969995 | .8436335 | .0035823 |

Sample Name: P5188-20DLX2      Acquired: 12/21/2024 1:53:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2294010 | .0194380 | .0507874 |
| Stddev | .0061249 | .0002387 | .0025719 |
| %RSD   | 2.669939 | 1.228009 | 5.064074 |
| #1     | .2308947 | .0195855 | .0491748 |
| #2     | .2346409 | .0191627 | .0494339 |
| #3     | .2226675 | .0195660 | .0537534 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2012.247 | 24757.17 | 2552.913 | 1711.389 | 2131.437 |
| Stddev    | 3.785    | 76.73    | 13.980   | 9.297    | 4.067    |
| %RSD      | .1881091 | .3099168 | .5476096 | .5432469 | .1908188 |
| #1        | 2010.271 | 24671.06 | 2538.278 | 1704.645 | 2130.684 |
| #2        | 2016.611 | 24818.29 | 2554.333 | 1721.995 | 2135.828 |
| #3        | 2009.859 | 24782.14 | 2566.129 | 1707.528 | 2127.798 |

Sample Name: P5188-21DLX2      Acquired: 12/21/2024 1:57:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0535823 | -.044877 | .0786062 | .0584991 | .0191479 | 66.87613 | .7606685 |
| Stddev | .0020506 | .006903  | .0018528 | .0023881 | .0025334 | .14104   | .0026632 |
| %RSD   | 3.826970 | 15.38278 | 2.357066 | 4.082275 | 13.23046 | .2109003 | .3501087 |
| #1     | .0540760 | -.047863 | .0766737 | .0612563 | .0220155 | 66.71356 | .7582598 |
| #2     | .0513299 | -.049785 | .0803675 | .0570831 | .0172136 | 66.96578 | .7602173 |
| #3     | .0553410 | -.036983 | .0787774 | .0571578 | .0182146 | 66.94906 | .7635285 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052197 | .0013004 | 37.90518 | .0552246 | .0978555 | .1392670 | 128.0520 |
| Stddev | .0001126 | .0001242 | .18980   | .0001162 | .0001320 | .0049037 | .4830    |
| %RSD   | 2.156375 | 9.551795 | .5007116 | .2104202 | .1349244 | 3.521079 | .3772200 |
| #1     | .0053307 | .0012017 | 37.70163 | .0553157 | .0980080 | .1400183 | 127.5402 |
| #2     | .0051056 | .0012596 | 37.93662 | .0550937 | .0977809 | .1340309 | 128.1160 |
| #3     | .0052226 | .0014399 | 38.07729 | .0552643 | .0977777 | .1437516 | 128.4999 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.512179 | 37.83010 | .0835188 | .0085449 | 1.123823 | .1560700 | .2807231 |
| Stddev | .005215  | .16598   | .0015646 | .0016212 | .594528  | .0104897 | .0051868 |
| %RSD   | .1155668 | .4387386 | 1.873310 | 18.97215 | 52.90231 | 6.721172 | 1.847657 |
| #1     | 4.506235 | 37.64147 | .0850518 | .0067904 | 1.227824 | .1610241 | .2782934 |
| #2     | 4.515986 | 37.95378 | .0819245 | .0088568 | .484156  | .1440208 | .2771971 |
| #3     | 4.514315 | 37.89506 | .0835800 | .0099874 | 1.659489 | .1631652 | .2866787 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.84438 | 3.731506 | .0218948 | -.000423 | .2908292 | .8128907 | .0028989 |
| Stddev | .14702   | .011087  | .0033972 | .000644  | .0053251 | .0066399 | .0010554 |
| %RSD   | 1.241283 | .2971311 | 15.51586 | 152.0135 | 1.830993 | .8168196 | 36.40641 |
| #1     | 12.01278 | 3.721249 | .0229774 | .000069  | .2930765 | .8123320 | .0039673 |
| #2     | 11.74157 | 3.729999 | .0246188 | -.001152 | .2847489 | .8065478 | .0028722 |
| #3     | 11.77879 | 3.743270 | .0180883 | -.000188 | .2946622 | .8197922 | .0018571 |

Sample Name: P5188-21DLX2      Acquired: 12/21/2024 1:57:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2271028 | .0200815 | .0508788 |
| Stddev | .0024526 | .0004954 | .0029173 |
| %RSD   | 1.079974 | 2.467151 | 5.733786 |
| #1     | .2255549 | .0206114 | .0479999 |
| #2     | .2258230 | .0200035 | .0538330 |
| #3     | .2299307 | .0196298 | .0508035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2008.937 | 24820.24 | 2556.704 | 1718.821 | 2129.018 |
| Stddev    | 5.633    | 194.55   | 4.366    | 15.292   | 2.973    |
| %RSD      | .2803986 | .7838375 | .1707628 | .8896675 | .1396599 |
| #1        | 2002.463 | 24879.55 | 2557.012 | 1729.125 | 2125.698 |
| #2        | 2012.722 | 24602.93 | 2560.908 | 1701.251 | 2129.921 |
| #3        | 2011.625 | 24978.23 | 2552.193 | 1726.086 | 2131.436 |

Sample Name: P5188-20LDLX10      Acquired: 12/21/2024 2:00:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139417 | -.009086 | .0162848 | .0144484 | .0009301 | 14.38535 | .1641984 |
| Stddev | .0028615 | .003276  | .0015577 | .0034511 | .0018286 | .03275   | .0011392 |
| %RSD   | 20.52448 | 36.05978 | 9.565428 | 23.88551 | 196.5993 | .2276303 | .6937873 |
| #1     | .0137822 | -.005303 | .0179808 | .0118199 | -.000081 | 14.35073 | .1630441 |
| #2     | .0168796 | -.010937 | .0159554 | .0131688 | .003041  | 14.41582 | .1642294 |
| #3     | .0111633 | -.011018 | .0149181 | .0183565 | -.000170 | 14.38950 | .1653218 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012509 | .0003240 | 8.160786 | .0116546 | .0222582 | .0365095 | 27.83015 |
| Stddev | .0000857 | .0000373 | .049510  | .0001448 | .0003103 | .0043924 | .11792   |
| %RSD   | 6.849108 | 11.50207 | .6066854 | 1.242570 | 1.394205 | 12.03093 | .4237225 |
| #1     | .0013389 | .0002938 | 8.201830 | .0115803 | .0219183 | .0314435 | 27.72379 |
| #2     | .0011678 | .0003125 | 8.105799 | .0118214 | .0225264 | .0388307 | 27.80969 |
| #3     | .0012460 | .0003657 | 8.174727 | .0115619 | .0223299 | .0392544 | 27.95696 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9840272 | 8.231916 | .0169001 | .0025345 | .5190466 | .0284063 | .0606047 |
| Stddev | .0017198 | .043550  | .0001812 | .0009946 | .1352238 | .0089676 | .0069223 |
| %RSD   | .1747739 | .5290423 | 1.071970 | 39.24038 | 26.05235 | 31.56923 | 11.42213 |
| #1     | .9839615 | 8.208404 | .0170194 | .0026384 | .5038177 | .0361311 | .0634486 |
| #2     | .9823412 | 8.282169 | .0166916 | .0034730 | .3920819 | .0185719 | .0656521 |
| #3     | .9857789 | 8.205175 | .0169893 | .0014921 | .6612402 | .0305158 | .0527133 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.224152 | .7378981 | .0021775 | -.000416 | .0531447 | .1718392 | -.003327 |
| Stddev | .123021  | .0059797 | .0033978 | .000095  | .0012258 | .0016620 | .000627  |
| %RSD   | 5.531124 | .8103751 | 156.0412 | 22.88582 | 2.306502 | .9672061 | 18.83443 |
| #1     | 2.140325 | .7311763 | -.001614 | -.000449 | .0545326 | .1699735 | -.003304 |
| #2     | 2.166749 | .7426266 | .004946  | -.000490 | .0526912 | .1723825 | -.003965 |
| #3     | 2.365382 | .7398913 | .003200  | -.000309 | .0522102 | .1731616 | -.002712 |

Sample Name: P5188-20LDLX10      Acquired: 12/21/2024 2:00:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0482106 | .0041826 | .0159014 |
| Stddev | .0028485 | .0002220 | .0011754 |
| %RSD   | 5.908396 | 5.308453 | 7.391903 |
| #1     | .0453406 | .0043866 | .0171289 |
| #2     | .0482544 | .0039461 | .0157893 |
| #3     | .0510370 | .0042150 | .0147861 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1867.703 | 23084.57 | 2378.975 | 1593.426 | 2151.233 |
| Stddev    | 11.253   | 95.25    | 10.715   | 9.539    | 9.671    |
| %RSD      | .6025267 | .4126197 | .4503876 | .5986504 | .4495755 |
| #1        | 1875.503 | 22986.81 | 2374.565 | 1585.574 | 2159.706 |
| #2        | 1854.803 | 23177.10 | 2391.191 | 1604.042 | 2140.696 |
| #3        | 1872.804 | 23089.79 | 2371.169 | 1590.664 | 2153.296 |

Sample Name: P5188-22DLX2      Acquired: 12/21/2024 2:04:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1490227 | .0426423 | .1204755 | .2362011 | .1875105 | 70.73642 | 4.599313 |
| Stddev | .0021933 | .0009127 | .0010544 | .0023430 | .0007935 | .34503   | .021677  |
| %RSD   | 1.471812 | 2.140289 | .8752201 | .9919368 | .4231679 | .4877659 | .4713158 |
| #1     | .1502612 | .0427571 | .1196651 | .2368372 | .1884137 | 70.52186 | 4.586858 |
| #2     | .1464902 | .0416777 | .1200938 | .2381602 | .1869252 | 70.55299 | 4.586738 |
| #3     | .1503166 | .0434922 | .1216676 | .2336057 | .1871928 | 71.13442 | 4.624344 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1023607 | .1011363 | 38.01781 | .4533525 | 1.068742 | .5935258 | 130.5272 |
| Stddev | .0002632 | .0001450 | .20008   | .0004136 | .000610  | .0054426 | .4489    |
| %RSD   | .2570789 | .1434064 | .5262918 | .0912319 | .0570895 | .9169901 | .3438958 |
| #1     | .1024514 | .1012876 | 37.98541 | .4538055 | 1.069445 | .5983177 | 130.2517 |
| #2     | .1025666 | .1009984 | 37.83590 | .4532567 | 1.068430 | .5876085 | 130.2847 |
| #3     | .1020642 | .1011228 | 38.23212 | .4529951 | 1.068351 | .5946512 | 131.0451 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.502978 | 37.90060 | 1.080315 | .0776390 | 1.069437 | 1.117935 | 1.133619 |
| Stddev | .018519  | .12356   | .000887  | .0016369 | .454577  | .005192  | .015911  |
| %RSD   | .3365270 | .3260227 | .0821353 | 2.108313 | 42.50617 | .4643840 | 1.403556 |
| #1     | 5.492361 | 37.82186 | 1.081339 | .0795011 | 1.464317 | 1.113987 | 1.119580 |
| #2     | 5.492212 | 37.83693 | 1.079836 | .0764275 | 1.171482 | 1.116003 | 1.130374 |
| #3     | 5.524362 | 38.04302 | 1.079770 | .0769882 | .572510  | 1.123816 | 1.150902 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.91333 | 3.760967 | .0221491 | -.000912 | .2950425 | .8100490 | .0015462 |
| Stddev | .01866   | .005359  | .0033405 | .000328  | .0070335 | .0023066 | .0008296 |
| %RSD   | .1566005 | .1425011 | 15.08184 | 35.97022 | 2.383888 | .2847531 | 53.65431 |
| #1     | 11.91507 | 3.760780 | .0249392 | -.000901 | .2877758 | .8105826 | .0015838 |
| #2     | 11.93105 | 3.755704 | .0184475 | -.001244 | .2955346 | .8075223 | .0006984 |
| #3     | 11.89386 | 3.766418 | .0230608 | -.000589 | .3018170 | .8120421 | .0023563 |



Sample Name: P5188-22DLX2      Acquired: 12/21/2024 2:04:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZR8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2256722 | .0175641 | .0535179 |
| Stddev | .0033597 | .0002278 | .0031785 |
| %RSD   | 1.488737 | 1.297153 | 5.939118 |
| #1     | .2218154 | .0174605 | .0571454 |
| #2     | .2272384 | .0174064 | .0512207 |
| #3     | .2279628 | .0178253 | .0521876 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2007.283 | 24865.61 | 2563.405 | 1720.696 | 2130.847 |
| Stddev    | 5.891    | 112.18   | 6.311    | 9.397    | 2.595    |
| %RSD      | .2934725 | .4511650 | .2461993 | .5461017 | .1217959 |
| #1        | 2008.509 | 24860.64 | 2560.587 | 1722.993 | 2130.475 |
| #2        | 2012.464 | 24980.19 | 2570.634 | 1728.731 | 2133.609 |
| #3        | 2000.876 | 24755.99 | 2558.994 | 1710.363 | 2128.458 |

Sample Name: CCV086      Acquired: 12/21/2024 2:08:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.800128 | 4.747109 | 24.49268 | 4.802590 | 4.827376 | 404.0612 | 10.19774 |
| Stddev | .003514  | .002619  | .05259   | .018930  | .005225  | .8074    | .02149   |
| %RSD   | .0731971 | .0551617 | .2146999 | .3941679 | .1082449 | .1998126 | .2107395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.797094 | 4.744172 | 24.44996 | 4.811543 | 4.829204 | 404.2601 | 10.20221 |
| #2 | 4.803978 | 4.747955 | 24.47667 | 4.780844 | 4.821482 | 403.1730 | 10.17437 |
| #3 | 4.799312 | 4.749200 | 24.55141 | 4.815383 | 4.831442 | 404.7505 | 10.21664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5072558 | 2.462546 | 405.2264 | 15.31813 | 2.468007 | 15.01876 | 407.4275 |
| Stddev | .0013950 | .004350  | .5337    | .01943   | .003110  | .02689   | .7595    |
| %RSD   | .2750045 | .1766290 | .1317024 | .1268244 | .1260290 | .1790161 | .1864176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5082790 | 2.459143 | 405.6486 | 15.32590 | 2.465875 | 15.02373 | 408.2637 |
| #2 | .5078215 | 2.461047 | 404.6265 | 15.29602 | 2.466570 | 14.98973 | 406.7806 |
| #3 | .5056668 | 2.467446 | 405.4040 | 15.33247 | 2.471576 | 15.04281 | 407.2381 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.00807 | 402.1736 | 2.484360 | 1.283488 | 403.3725 | 2.502847 | 14.94331 |
| Stddev | .03311   | .6891    | .003369  | .002866  | .7432    | .009183  | .07498   |
| %RSD   | .2205834 | .1713477 | .1355941 | .2232915 | .1842364 | .3669040 | .5017474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.04581 | 402.4362 | 2.481075 | 1.286795 | 402.7619 | 2.508278 | 14.93424 |
| #2 | 14.98390 | 401.3918 | 2.484198 | 1.281920 | 404.1999 | 2.508018 | 14.87328 |
| #3 | 14.99451 | 402.6928 | 2.487807 | 1.281747 | 403.1556 | 2.492244 | 15.02241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.4654 | 4.888620 | 4.932954 | 4.791433 | 4.900546 | 4.918588 | 4.886823 |
| Stddev | .3884    | .016940  | .014082  | .006946  | .016570  | .018552  | .004531  |
| %RSD   | .2581450 | .3465244 | .2854672 | .1449728 | .3381259 | .3771719 | .0927288 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 150.8697 | 4.877365 | 4.948282 | 4.786930 | 4.887238 | 4.937422 | 4.881591 |
| #2 | 150.0951 | 4.880392 | 4.929988 | 4.787936 | 4.895294 | 4.918008 | 4.889504 |
| #3 | 150.4312 | 4.908102 | 4.920590 | 4.799433 | 4.919106 | 4.900333 | 4.889375 |

Sample Name: CCV086      Acquired: 12/21/2024 2:08:40      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: CCV086      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.998931 | 4.838324 | 5.121629 |
| Stddev | .011665  | .018989  | .014028  |
| %RSD   | .2333522 | .3924652 | .2738934 |
| #1     | 4.995531 | 4.857283 | 5.117731 |
| #2     | 4.989344 | 4.819306 | 5.109963 |
| #3     | 5.011919 | 4.838383 | 5.137194 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1509.185 | 20073.61 | 2205.586 | 1271.116 | 1737.210 |
| Stddev    | 3.544    | 77.28    | 10.959   | 5.553    | 2.824    |
| %RSD      | .2348213 | .3850026 | .4968950 | .4368957 | .1625514 |
| #1        | 1506.080 | 20025.58 | 2192.931 | 1267.811 | 1734.828 |
| #2        | 1513.046 | 20162.76 | 2211.914 | 1277.528 | 1740.329 |
| #3        | 1508.429 | 20032.50 | 2211.912 | 1268.011 | 1736.473 |

Sample Name: CCB086      Acquired: 12/21/2024 2:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042660 | -.000211 | -.000185 | .0017549 | -.002395 | .0212262 |
| Stddev | .0025254 | .002085  | .000650  | .0021211 | .001713  | .0262945 |
| %RSD   | 59.19934 | 989.0208 | 350.3835 | 120.8646 | 71.52202 | 123.8775 |
| #1     | .0028689 | .000486  | .000513  | .0040222 | -.004242 | .0251368 |
| #2     | .0071813 | .001436  | -.000772 | -.000181 | -.000860 | .0453463 |
| #3     | .0027478 | -.002555 | -.000297 | .001423  | -.002083 | -.006805 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000338 | .0001860 | .0001627 | -.007640 | -.000001 | .0000831 |
| Stddev | .001161  | .0001678 | .0000361 | .026749  | .000460  | .0001700 |
| %RSD   | 343.5080 | 90.20540 | 22.19240 | 350.1337 | 66255.15 | 204.5324 |
| #1     | .000161  | .0003622 | .0001466 | -.019328 | -.000301 | .0000292 |
| #2     | -.001666 | .0001677 | .0001375 | -.026555 | -.000231 | -.000053 |
| #3     | .000490  | .0000281 | .0002040 | .022965  | .000529  | .000274  |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002845 | .0273536 | .0000928 | .1446171 | .0000908 | -.000317 |
| Stddev | .0054797 | .0268177 | .0006881 | .0864157 | .0005623 | .000287  |
| %RSD   | 1925.912 | 98.04102 | 741.5599 | 59.75481 | 619.5478 | 90.67712 |
| #1     | -.005989 | .0482651 | -.000403 | .2235983 | .0005999 | -.000171 |
| #2     | .004137  | -.002881 | -.000196 | .0523141 | -.000513 | -.000132 |
| #3     | .002705  | .036677  | .000878  | .1579390 | .000185  | -.000647 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.113246 | -.014518 | .0046417 | -.181930 | -.004173 | .0128512 |
| Stddev | .200974  | .014935  | .0171285 | .080856  | .000841  | .0011271 |
| %RSD   | 18.05294 | 102.8696 | 369.0170 | 44.44330 | 20.14941 | 8.770015 |
| #1     | 1.215485 | -.021290 | .0068052 | -.124761 | -.003244 | .0128456 |
| #2     | 1.242545 | .002603  | -.013466 | -.274440 | -.004882 | .0139810 |
| #3     | .881708  | -.024867 | .020586  | -.146589 | -.004394 | .0117269 |

Sample Name: CCB086      Acquired: 12/21/2024 2:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0001453 | -.011643 | -.004066 | F -.011232 | .0005689 | .0002106 |
| Stddev | .0000664 | .005523  | .000506  | .000069    | .0005184 | .0002099 |
| %RSD   | 45.71930 | 47.43042 | 12.45078 | .6144998   | 91.11976 | 99.67496 |
| #1     | .0000817 | -.016512 | -.003705 | -.011174   | -.000007 | .0004444 |
| #2     | .0002142 | -.005642 | -.004645 | -.011308   | .000998  | .0001491 |
| #3     | .0001400 | -.012776 | -.003848 | -.011213   | .000716  | .0000383 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0291577 |
| Stddev | .0027582   |
| %RSD   | 9.459725   |
| #1     | .0273760   |
| #2     | .0323348   |
| #3     | .0277622   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1814.257 | 22519.68 | 2295.837 | 1547.359 | 2143.135 |
| Stddev    | 4.880    | 4.70     | 5.349    | 6.100    | 4.547    |
| %RSD      | .2689745 | .0208817 | .2329973 | .3942292 | .2121850 |
| #1        | 1812.522 | 22524.66 | 2290.472 | 1540.669 | 2141.345 |
| #2        | 1819.767 | 22515.31 | 2301.170 | 1548.796 | 2148.305 |
| #3        | 1810.482 | 22519.06 | 2295.868 | 1552.613 | 2139.755 |

Sample Name: PB165688BL      Acquired: 12/21/2024 2:16:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023006 | .0003376 | .0000537 | .0008081 | -.001979 | -.019926 |
| Stddev | .0044380 | .0021485 | .0018607 | .0003703 | .001810  | .033517  |
| %RSD   | 192.9104 | 636.3606 | 3466.639 | 45.82250 | 91.47680 | 168.2066 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0071192 | -.001266 | -.000060 | .0003821 | -.000117 | -.043770 |
| #2 | -.001619 | .002779  | -.001748 | .0010530 | -.003732 | .018396  |
| #3 | .001401  | -.000500 | .001968  | .0009892 | -.002088 | -.034404 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008980 | .0001423 | .0000766 | .0155908 | -.000742 | .0000040 |
| Stddev | .0015291 | .0000071 | .0000317 | .0516635 | .001063  | .0000387 |
| %RSD   | 170.2748 | 5.006896 | 41.41859 | 331.3711 | 143.2726 | 956.4911 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0021805 | .0001344 | .0000771 | .0509751 | -.001339 | .0000480 |
| #2 | -.000794 | .0001443 | .0001080 | -.043696 | .000485  | -.000011 |
| #3 | .001308  | .0001482 | .0000446 | .039493  | -.001372 | -.000025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002390 | .0009381 | -.001021 | .0453288 | .0002434 | .0003694 |
| Stddev | .008261  | .0469170 | .001410  | .0440727 | .0002871 | .0006805 |
| %RSD   | 345.6162 | 5001.391 | 138.0197 | 97.22873 | 117.9612 | 184.2408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .002620  | -.009100 | .000126  | .0308544 | .0002235 | -.000206 |
| #2 | -.011925 | -.040148 | -.002595 | .0103137 | .0005399 | .001120  |
| #3 | .002134  | .052062  | -.000595 | .0948185 | -.000033 | .000194  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.285426 | -.001921 | -.012504 | -.323878 | -.003120 | .0031023 |
| Stddev | .810886  | .006263  | .009172  | .196716  | .002384  | .0025784 |
| %RSD   | 63.08304 | 326.0406 | 73.35672 | 60.73757 | 76.40934 | 83.11275 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.444561 | .004032  | -.009058 | -.146292 | -.005557 | .0051558 |
| #2 | 2.004946 | -.001342 | -.022900 | -.535327 | -.003012 | .0039425 |
| #3 | .406769  | -.008453 | -.005553 | -.290016 | -.000792 | .0002086 |

Sample Name: PB165688BL      Acquired: 12/21/2024 2:16:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000271 | -.005420 | -.004107 | -.005280 | .0022973 | -.000075 |
| Stddev | .000259  | .001689  | .000820  | .001815  | .0009878 | .000132  |
| %RSD   | 95.57971 | 31.16152 | 19.96867 | 34.38494 | 42.99621 | 175.6737 |
| #1     | -.000004 | -.006364 | -.004106 | -.007363 | .0013955 | -.000116 |
| #2     | -.000522 | -.003470 | -.004928 | -.004435 | .0021435 | .000072  |
| #3     | -.000287 | -.006427 | -.003288 | -.004040 | .0033530 | -.000182 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0176902 |
| Stddev | .0038809   |
| %RSD   | 21.93819   |
| #1     | .0205985   |
| #2     | .0191887   |
| #3     | .0132835   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1820.974 | 22684.14 | 2299.266 | 1560.544 | 2144.899 |
| Stddev    | 5.977    | 56.88    | 13.208   | 11.648   | 9.684    |
| %RSD      | .3282042 | .2507650 | .5744608 | .7463937 | .4514930 |
| #1        | 1814.321 | 22637.70 | 2284.301 | 1547.414 | 2133.879 |
| #2        | 1822.710 | 22747.59 | 2309.296 | 1564.585 | 2152.050 |
| #3        | 1825.890 | 22667.13 | 2304.202 | 1569.633 | 2148.769 |

Sample Name: PB165688BS      Acquired: 12/21/2024 2:20:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0211339 | .0521039 | .0207894 | .0595046 | .1053383   | .4047405   |
| Stddev | .0027888 | .0024306 | .0004344 | .0053710 | .0018518   | .0133283   |
| %RSD   | 13.19572 | 4.664836 | 2.089424 | 9.026192 | 1.757960   | 3.293060   |
| #1     | .0180054 | .0520596 | .0203902 | .0600362 | .1052927   | .4098670   |
| #2     | .0220374 | .0545562 | .0207260 | .0538875 | .1072125   | .4147444   |
| #3     | .0233589 | .0496957 | .0212520 | .0645900 | .1035098   | .3896101   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .4190300 | .0104592 | .0098801 | 10.20759 | .0206471   | .1010275   |
| Stddev | .0027873 | .0000604 | .0000351 | .06460   | .0002486   | .0003446   |
| %RSD   | .6651890 | .5774914 | .3549941 | .6329024 | 1.203891   | .3411090   |
| #1     | .4160627 | .0104789 | .0098452 | 10.21789 | .0204324   | .1011995   |
| #2     | .4215933 | .0103915 | .0099153 | 10.26643 | .0205895   | .1006308   |
| #3     | .4194338 | .0105074 | .0098798 | 10.13846 | .0209194   | .1012524   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0405695 | .1673682 | .0326321 | 10.50606 | .0789443   | .0205142   |
| Stddev | .0071280 | .0154596 | .0007210 | .05854   | .0005952   | .0007632   |
| %RSD   | 17.56978 | 9.236870 | 2.209433 | .5571788 | .7539215   | 3.720364   |
| #1     | .0379109 | .1628832 | .0334503 | 10.44827 | .0783719   | .0196485   |
| #2     | .0351530 | .1845745 | .0323563 | 10.50457 | .0789012   | .0210899   |
| #3     | .0486447 | .1546471 | .0320898 | 10.56532 | .0795599   | .0208041   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 11.30399 | .1055169 | .1231702 | 9.520829 | F .0139513 | F .0025730 |
| Stddev | .30770   | .0083582 | .0102373 | .197256  | .0009391   | .0026351   |
| %RSD   | 2.722033 | 7.921219 | 8.311478 | 2.071838 | 6.731086   | 102.4134   |
| #1     | 11.07007 | .0981251 | .1256051 | 9.293064 | .0145475   | .0054826   |
| #2     | 11.18934 | .1038387 | .1119350 | 9.633188 | .0144375   | .0003471   |
| #3     | 11.65255 | .1145869 | .1319705 | 9.636236 | .0128688   | .0018893   |



Sample Name: PB165688BS      Acquired: 12/21/2024 2:20:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0186295 | .1711044 | F .4841319 | F .0092627 | .2052606 | .2142879 |
| Stddev | .0004699 | .0003424 | .0023943   | .0016876   | .0058639 | .0008705 |
| %RSD   | 2.522340 | .2000955 | .4945633   | 18.21906   | 2.856790 | .4062306 |
| #1     | .0180959 | .1712103 | .4862315   | .0073285   | .1999310 | .2132855 |
| #2     | .0189816 | .1713814 | .4815243   | .0100248   | .2043085 | .2148529 |
| #3     | .0188110 | .1707217 | .4846400   | .0104348   | .2115422 | .2147255 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0478309 |
| Stddev | .0040138   |
| %RSD   | 8.391595   |
| #1     | .0479590   |
| #2     | .0517792   |
| #3     | .0437547   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1823.040 | 22398.12 | 2304.976 | 1547.498 | 2140.892 |
| Stddev    | 6.798    | 168.54   | 6.711    | 13.384   | 7.156    |
| %RSD      | .3728851 | .7524688 | .2911460 | .8648639 | .3342546 |
| #1        | 1819.937 | 22446.94 | 2297.918 | 1551.657 | 2137.128 |
| #2        | 1830.836 | 22210.56 | 2305.733 | 1532.528 | 2149.144 |
| #3        | 1818.348 | 22536.86 | 2311.276 | 1558.308 | 2136.403 |

Sample Name: PB165688BSD      Acquired: 12/21/2024 2:24:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126429 | .0253356 | .0073011 | .0286148 | .0494904 | .1726309 | .2092155 |
| Stddev | .0039268 | .0012263 | .0016552 | .0033584 | .0017154 | .0165491 | .0054715 |
| %RSD   | 31.05916 | 4.840362 | 22.67070 | 11.73645 | 3.466088 | 9.586403 | 2.615260 |
| #1     | .0106269 | .0261360 | .0059893 | .0252836 | .0489170 | .1589803 | .2043347 |
| #2     | .0171682 | .0239238 | .0091608 | .0319997 | .0481352 | .1678753 | .2151302 |
| #3     | .0101336 | .0259470 | .0067533 | .0285611 | .0514191 | .1910372 | .2081815 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053473 | .0050769 | 5.172205 | .0108569 | .0508404 | .0279209 | .0880222 |
| Stddev | .0000736 | .0001526 | .118397  | .0010092 | .0002816 | .0015084 | .0162210 |
| %RSD   | 1.377096 | 3.005375 | 2.289095 | 9.295854 | .5538795 | 5.402273 | 18.42827 |
| #1     | .0053732 | .0049374 | 5.074783 | .0114082 | .0505179 | .0291279 | .0962292 |
| #2     | .0054046 | .0050536 | 5.303979 | .0114705 | .0509655 | .0262300 | .0693378 |
| #3     | .0052643 | .0052398 | 5.137853 | .0096921 | .0510378 | .0284048 | .0984997 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0154412 | 5.357950 | .0398566 | .0097819 | 6.400669 | .0459461 | .0708566 |
| Stddev | .0010620 | .152563  | .0005502 | .0010270 | .494171  | .0044896 | .0116526 |
| %RSD   | 6.877372 | 2.847415 | 1.380571 | 10.49935 | 7.720618 | 9.771356 | 16.44532 |
| #1     | .0148621 | 5.182380 | .0400868 | .0087510 | 6.003803 | .0476572 | .0734968 |
| #2     | .0147947 | 5.458259 | .0392286 | .0097897 | 6.244027 | .0493285 | .0809626 |
| #3     | .0166668 | 5.433211 | .0402543 | .0108050 | 6.954177 | .0408526 | .0581105 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.622046 | .0045256 | .0006066 | .0091278 | .0831473 | .2420676 | .0013448 |
| Stddev | .031840  | .0031029 | .0024014 | .0000852 | .0019940 | .0043630 | .0001110 |
| %RSD   | .6888778 | 68.56408 | 395.8556 | .9335860 | 2.398149 | 1.802382 | 8.253114 |
| #1     | 4.586532 | .0033251 | .0004113 | .0092253 | .0848821 | .2396805 | .0013786 |
| #2     | 4.648041 | .0022023 | -.001691 | .0090674 | .0809688 | .2471033 | .0012208 |
| #3     | 4.631566 | .0080494 | .003100  | .0090907 | .0835911 | .2394191 | .0014349 |

Sample Name: PB165688BSD      Acquired: 12/21/2024 2:24:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD688      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1026562 | .1073890 | .0304983 |
| Stddev | .0021262 | .0018985 | .0036862 |
| %RSD   | 2.071148 | 1.767871 | 12.08645 |
| #1     | .1042501 | .1055037 | .0338980 |
| #2     | .1034765 | .1093004 | .0265805 |
| #3     | .1002421 | .1073628 | .0310165 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1819.549 | 22121.35 | 2279.091 | 1526.977 | 2148.892 |
| Stddev    | 4.395    | 393.78   | 37.385   | 31.296   | 6.376    |
| %RSD      | .2415536 | 1.780087 | 1.640369 | 2.049560 | .2967160 |
| #1        | 1816.848 | 21776.65 | 2312.441 | 1501.047 | 2146.450 |
| #2        | 1824.620 | 22036.89 | 2238.678 | 1518.142 | 2156.128 |
| #3        | 1817.178 | 22550.50 | 2286.154 | 1561.740 | 2144.097 |

Sample Name: P5185-01DLX2      Acquired: 12/21/2024 2:28:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2068566 | -.061193 | .2631041 | .0725340 | .0254405 | 75.11222 | .6465674 |
| Stddev | .0041728 | .002909  | .0021363 | .0033888 | .0019843 | .73043   | .0080234 |
| %RSD   | 2.017223 | 4.754039 | .8119723 | 4.672067 | 7.799608 | .9724535 | 1.240931 |
| #1     | .2054054 | -.057846 | .2608018 | .0688517 | .0234413 | 74.30939 | .6382955 |
| #2     | .2036033 | -.063115 | .2634883 | .0755219 | .0274094 | 75.28976 | .6470897 |
| #3     | .2115612 | -.062617 | .2650223 | .0732282 | .0254709 | 75.73752 | .6543169 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053667 | .0043553 | 50.77887 | .1933037 | .1659392 | .3249724 | 161.1083 |
| Stddev | .0001443 | .0000195 | .59181   | .0024758 | .0013569 | .0083514 | 1.9537   |
| %RSD   | 2.688809 | .4473414 | 1.165463 | 1.280784 | .8177115 | 2.569863 | 1.212673 |
| #1     | .0054565 | .0043355 | 50.10880 | .1904839 | .1644703 | .3192534 | 159.1793 |
| #2     | .0052002 | .0043558 | 50.99775 | .1951214 | .1662013 | .3211076 | 161.0598 |
| #3     | .0054434 | .0043745 | 51.23005 | .1943057 | .1671459 | .3345561 | 163.0859 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.923254 | 50.54700 | .1788503 | .0110728 | 2.166811 | .2959210 | .8770013 |
| Stddev | .054400  | .67519   | .0016026 | .0007973 | .255107  | .0036184 | .0130500 |
| %RSD   | 1.104951 | 1.335771 | .8960703 | 7.200045 | 11.77339 | 1.222743 | 1.488024 |
| #1     | 4.864488 | 49.83781 | .1781697 | .0107023 | 2.068084 | .2929784 | .8619490 |
| #2     | 4.933422 | 50.62109 | .1777003 | .0105283 | 2.456527 | .2948236 | .8851390 |
| #3     | 4.971853 | 51.18209 | .1806809 | .0119879 | 1.975822 | .2999610 | .8839159 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.85630 | 7.052021 | .0499102 | .0009545 | 4.052207 | 1.563172 | .0011267 |
| Stddev | .22122   | .063547  | .0026736 | .0000939 | .029145  | .017739  | .0018183 |
| %RSD   | 1.060665 | .9011106 | 5.356768 | 9.838656 | .7192344 | 1.134796 | 161.3838 |
| #1     | 20.60113 | 6.983261 | .0468363 | .0008733 | 4.022924 | 1.542747 | -.000269 |
| #2     | 20.97382 | 7.064216 | .0511985 | .0009328 | 4.052484 | 1.572044 | .003183  |
| #3     | 20.99395 | 7.108587 | .0516956 | .0010573 | 4.081212 | 1.574724 | .000466  |

Sample Name: P5185-01DLX2      Acquired: 12/21/2024 2:28:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.035219 | .1357587 | .0534253 |
| Stddev | .013583  | .0009889 | .0042629 |
| %RSD   | 1.312059 | .7284600 | 7.979221 |
| #1     | 1.019917 | .1346819 | .0560230 |
| #2     | 1.039889 | .1359680 | .0557474 |
| #3     | 1.045849 | .1366263 | .0485054 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1983.715 | 24665.23 | 2572.139 | 1709.931 | 2102.679 |
| Stddev    | 11.567   | 194.81   | 15.166   | 16.646   | 14.585   |
| %RSD      | .5830976 | .7898019 | .5896343 | .9735088 | .6936590 |
| #1        | 1990.992 | 24885.58 | 2589.649 | 1729.129 | 2113.621 |
| #2        | 1989.776 | 24594.21 | 2563.676 | 1699.520 | 2108.296 |
| #3        | 1970.377 | 24515.90 | 2563.093 | 1701.142 | 2086.121 |

Sample Name: P5185-02DLX2      Acquired: 12/21/2024 2:32:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4359613 | -.042739 | .1717847 | .0635331 | .0218509 | 55.81602 | .8508368 |
| Stddev | .0028759 | .001830  | .0021626 | .0038843 | .0027588 | .18792   | .0029786 |
| %RSD   | .6596760 | 4.281238 | 1.258885 | 6.113796 | 12.62543 | .3366762 | .3500817 |
| #1     | .4363618 | -.042961 | .1738968 | .0591432 | .0243673 | 55.72385 | .8477857 |
| #2     | .4329061 | -.040808 | .1695750 | .0649314 | .0222842 | 55.69199 | .8537373 |
| #3     | .4386160 | -.044447 | .1718822 | .0665246 | .0189011 | 56.03223 | .8509873 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041918 | .0017501 | 44.56141 | .3045047 | .1143114 | .1465591 | 135.3764 |
| Stddev | .0001363 | .0000940 | .14564   | .0029115 | .0011489 | .0030189 | .4308    |
| %RSD   | 3.250814 | 5.371523 | .3268351 | .9561572 | 1.005073 | 2.059847 | .3181874 |
| #1     | .0043147 | .0017370 | 44.45644 | .3072671 | .1156273 | .1443963 | 134.9464 |
| #2     | .0040453 | .0016633 | 44.50010 | .3047830 | .1135071 | .1500080 | 135.3750 |
| #3     | .0042154 | .0018499 | 44.72768 | .3014640 | .1138000 | .1452728 | 135.8079 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.58360 | 37.01727 | .2995384 | .0097618 | 1.360303 | .2254203 | .3451787 |
| Stddev | .02778   | .18981   | .0026694 | .0003830 | .403858  | .0043264 | .0015446 |
| %RSD   | .2624968 | .5127580 | .8911889 | 3.923302 | 29.68882 | 1.919270 | .4474674 |
| #1     | 10.55539 | 36.79819 | .3025677 | .0093211 | 1.813885 | .2220311 | .3452926 |
| #2     | 10.58449 | 37.12149 | .2975306 | .0099504 | 1.039711 | .2239365 | .3435803 |
| #3     | 10.61093 | 37.13214 | .2985167 | .0100140 | 1.227313 | .2302934 | .3466631 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.05780 | 5.087779 | .0287473 | .0004071 | .8187560 | 1.715679 | -.001763 |
| Stddev | .06940   | .032464  | .0012242 | .0003840 | .0084948 | .002337  | .000556  |
| %RSD   | .6276215 | .6380866 | 4.258294 | 94.34019 | 1.037530 | .1362212 | 31.54810 |
| #1     | 11.13735 | 5.121869 | .0300513 | .0007674 | .8285198 | 1.718265 | -.001320 |
| #2     | 11.02645 | 5.057230 | .0276228 | .0004506 | .8130590 | 1.713719 | -.001581 |
| #3     | 11.00961 | 5.084239 | .0285679 | .0000031 | .8146894 | 1.715051 | -.002387 |

Sample Name: P5185-02DLX2      Acquired: 12/21/2024 2:32:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5677967 | .0723720 | .0736578 |
| Stddev | .0032968 | .0003405 | .0018725 |
| %RSD   | .5806281 | .4704996 | 2.542219 |
| #1     | .5713878 | .0724986 | .0757456 |
| #2     | .5649071 | .0719864 | .0731011 |
| #3     | .5670952 | .0726312 | .0721268 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2018.850 | 24865.96 | 2554.398 | 1717.217 | 2136.914 |
| Stddev    | 11.456   | 227.03   | 3.862    | 21.501   | 16.984   |
| %RSD      | .5674398 | .9130313 | .1511734 | 1.252101 | .7948015 |
| #1        | 2008.084 | 24708.73 | 2549.951 | 1698.931 | 2121.931 |
| #2        | 2030.889 | 24762.91 | 2556.346 | 1711.817 | 2155.364 |
| #3        | 2017.578 | 25126.25 | 2556.898 | 1740.904 | 2133.445 |

Sample Name: P5185-03DLX2      Acquired: 12/21/2024 2:35:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2794641 | -.055041 | .4270614 | .0635661 | .0246445 | 52.97006 | .4636511 |
| Stddev | .0021318 | .002502  | .0005122 | .0014416 | .0012712 | .08639   | .0019080 |
| %RSD   | .7628146 | 4.545765 | .1199339 | 2.267804 | 5.158270 | .1630968 | .4115189 |
| #1     | .2817425 | -.057923 | .4266579 | .0631630 | .0259510 | 52.87140 | .4623632 |
| #2     | .2775179 | -.053775 | .4268887 | .0623690 | .0245707 | 53.00661 | .4658431 |
| #3     | .2791318 | -.053425 | .4276376 | .0651663 | .0234117 | 53.03218 | .4627471 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044548 | .0063215 | 27.63534 | .1116802 | .0899463 | .2649351 | 131.9415 |
| Stddev | .0001311 | .0000918 | .03979   | .0006192 | .0005833 | .0033872 | .0932    |
| %RSD   | 2.943499 | 1.452067 | .1439888 | .5544147 | .6485068 | 1.278487 | .0706207 |
| #1     | .0043104 | .0062562 | 27.59130 | .1112928 | .0904792 | .2685250 | 131.8771 |
| #2     | .0044874 | .0064264 | 27.66870 | .1123943 | .0900366 | .2644845 | 131.8990 |
| #3     | .0045665 | .0062819 | 27.64603 | .1113535 | .0893231 | .2617958 | 132.0483 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.061500 | 33.95033 | .1051824 | .0101721 | 1.209947 | .2054240 | 1.148539 |
| Stddev | .002863  | .14986   | .0010222 | .0015403 | .656797  | .0101510 | .016798  |
| %RSD   | .0935259 | .4414222 | .9718456 | 15.14281 | 54.28314 | 4.941476 | 1.462561 |
| #1     | 3.063354 | 33.97203 | .1053272 | .0110011 | 1.032729 | .1950050 | 1.129861 |
| #2     | 3.058202 | 33.79079 | .1061244 | .0083948 | .659941  | .2152838 | 1.162408 |
| #3     | 3.062943 | 34.08816 | .1040955 | .0111203 | 1.937169 | .2059833 | 1.153347 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.78044 | 5.691309 | .0304080 | .0010390 | 2.690651 | 1.580747 | -.000859 |
| Stddev | .15221   | .004496  | .0024242 | .0004605 | .013082  | .003941  | .001077  |
| %RSD   | 1.029816 | .0789963 | 7.972322 | 44.31982 | .4862130 | .2493022 | 125.3274 |
| #1     | 14.68779 | 5.692117 | .0322854 | .0009605 | 2.687103 | 1.576448 | .000137  |
| #2     | 14.95611 | 5.686464 | .0276711 | .0006228 | 2.679709 | 1.581602 | -.000713 |
| #3     | 14.69742 | 5.695346 | .0312676 | .0015338 | 2.705142 | 1.584189 | -.002002 |



Sample Name: P5185-03DLX2      Acquired: 12/21/2024 2:35:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.392403 | -.015221 | .0372802 |
| Stddev | .002185  | .000221  | .0024669 |
| %RSD   | .1569427 | 1.454552 | 6.617172 |
| #1     | 1.390192 | -.015030 | .0378237 |
| #2     | 1.394561 | -.015464 | .0345869 |
| #3     | 1.392457 | -.015170 | .0394301 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1958.593 | 24177.18 | 2487.129 | 1663.212 | 2121.807 |
| Stddev    | 4.273    | 40.41    | 7.253    | 4.349    | 3.184    |
| %RSD      | .2181877 | .1671469 | .2916335 | .2614639 | .1500401 |
| #1        | 1962.331 | 24223.82 | 2495.082 | 1662.408 | 2125.189 |
| #2        | 1959.514 | 24155.33 | 2485.425 | 1659.322 | 2121.364 |
| #3        | 1953.934 | 24152.40 | 2480.879 | 1667.907 | 2118.868 |

Sample Name: P5185-04DLX2      Acquired: 12/21/2024 2:39:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2496220 | -.061365 | .8106048 | .0735554 | .0259614 | 51.30504 | .9810335 |
| Stddev | .0047754 | .001992  | .0020652 | .0023500 | .0013235 | .15798   | .0020216 |
| %RSD   | 1.913055 | 3.245367 | .2547763 | 3.194800 | 5.097984 | .3079285 | .2060730 |
| #1     | .2543258 | -.059161 | .8102171 | .0728614 | .0273556 | 51.15303 | .9788728 |
| #2     | .2497621 | -.063036 | .8087609 | .0761742 | .0247223 | 51.29369 | .9828791 |
| #3     | .2447781 | -.061898 | .8128364 | .0716306 | .0258063 | 51.46839 | .9813486 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050263 | .0088035 | 29.70368 | .0868534 | .0860029 | .2765155 | 147.9514 |
| Stddev | .0000409 | .0000674 | .05770   | .0007553 | .0002556 | .0086451 | .3624    |
| %RSD   | .8135530 | .7655364 | .1942402 | .8695873 | .2972013 | 3.126429 | .2449227 |
| #1     | .0049802 | .0087299 | 29.71415 | .0872850 | .0857184 | .2822930 | 147.5332 |
| #2     | .0050582 | .0088185 | 29.64146 | .0859813 | .0860770 | .2665767 | 148.1736 |
| #3     | .0050406 | .0088622 | 29.75542 | .0872939 | .0862132 | .2806767 | 148.1473 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.529214 | 30.70391 | .0895339 | .0115803 | .7577906 | .1870403 | 1.909367 |
| Stddev | .018938  | .15097   | .0007668 | .0007277 | .4297275 | .0056248 | .031175  |
| %RSD   | .5366066 | .4917056 | .8564107 | 6.284085 | 56.70795 | 3.007285 | 1.632749 |
| #1     | 3.507726 | 30.53139 | .0887211 | .0107418 | 1.107318 | .1935319 | 1.917742 |
| #2     | 3.536444 | 30.76855 | .0902444 | .0120470 | .888049  | .1839760 | 1.874859 |
| #3     | 3.543472 | 30.81181 | .0896361 | .0119521 | .278005  | .1836129 | 1.935499 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.86151 | 6.196017 | .0315790 | .0014792 | 2.447433 | 1.088710 | .0037279 |
| Stddev | .07900   | .013387  | .0011352 | .0003729 | .009249  | .012450  | .0008475 |
| %RSD   | .6142356 | .2160588 | 3.594932 | 25.21046 | .3779071 | 1.143569 | 22.73385 |
| #1     | 12.79351 | 6.185672 | .0318854 | .0017681 | 2.437426 | 1.085066 | .0039023 |
| #2     | 12.94817 | 6.191242 | .0303220 | .0010582 | 2.449205 | 1.102576 | .0028068 |
| #3     | 12.84286 | 6.211137 | .0325295 | .0016113 | 2.455668 | 1.078489 | .0044747 |

Sample Name: P5185-04DLX2      Acquired: 12/21/2024 2:39:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.328035 | -.040569 | .0376135 |
| Stddev | .004065  | .000096  | .0010882 |
| %RSD   | .3061029 | .2370247 | 2.893064 |
| #1     | 1.331808 | -.040493 | .0383365 |
| #2     | 1.323730 | -.040677 | .0381420 |
| #3     | 1.328568 | -.040537 | .0363620 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2015.226 | 24894.73 | 2549.396 | 1719.592 | 2186.050 |
| Stddev    | 7.647    | 97.50    | 17.738   | 5.324    | 7.795    |
| %RSD      | .3794786 | .3916385 | .6957655 | .3095823 | .3565963 |
| #1        | 2019.651 | 24864.68 | 2547.605 | 1715.480 | 2189.191 |
| #2        | 2019.630 | 25003.71 | 2532.622 | 1725.605 | 2191.786 |
| #3        | 2006.395 | 24815.79 | 2567.962 | 1717.690 | 2177.175 |

Sample Name: P5185-05DLX2      Acquired: 12/21/2024 2:43:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2776004 | -.060000 | .5770020 | .0624673 | .0220650 | 53.35826 | .5791038 |
| Stddev | .0027285 | .003736  | .0008053 | .0027038 | .0007457 | .08576   | .0015512 |
| %RSD   | .9828845 | 6.226682 | .1395636 | 4.328261 | 3.379476 | .1607294 | .2678653 |
| #1     | .2789595 | -.057403 | .5779230 | .0593612 | .0212055 | 53.45706 | .5808228 |
| #2     | .2793823 | -.064282 | .5766527 | .0642936 | .0225392 | 53.31471 | .5786801 |
| #3     | .2744592 | -.058315 | .5764304 | .0637469 | .0224504 | 53.30301 | .5778084 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049522 | .0074612 | 26.62797 | .0926075 | .0818886 | .2187810 | 137.2840 |
| Stddev | .0002147 | .0000588 | .10897   | .0008533 | .0004599 | .0094532 | .3157    |
| %RSD   | 4.335635 | .7886676 | .4092180 | .9214363 | .5616387 | 4.320833 | .2299808 |
| #1     | .0051877 | .0074788 | 26.65042 | .0928295 | .0823360 | .2083311 | 137.5164 |
| #2     | .0049016 | .0073956 | 26.72396 | .0933279 | .0814171 | .2212742 | 137.4111 |
| #3     | .0047673 | .0075093 | 26.50953 | .0916651 | .0819128 | .2267377 | 136.9245 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.271883 | 30.23104 | .0895802 | .0089780 | 1.516231 | .1980490 | 1.558953 |
| Stddev | .009356  | .06994   | .0011993 | .0010908 | .270917  | .0074919 | .014484  |
| %RSD   | .2859496 | .2313502 | 1.338817 | 12.15005 | 17.86782 | 3.782843 | .9290832 |
| #1     | 3.280715 | 30.31086 | .0893864 | .0092497 | 1.829038 | .1914515 | 1.542975 |
| #2     | 3.272856 | 30.18049 | .0884896 | .0077770 | 1.363026 | .2061937 | 1.562662 |
| #3     | 3.262079 | 30.20178 | .0908647 | .0099073 | 1.356629 | .1965017 | 1.571222 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.05065 | 6.284775 | .0275111 | .0007954 | 2.313387 | 1.126534 | .0000620 |
| Stddev | .09202   | .030153  | .0007495 | .0002580 | .008600  | .015186  | .0009112 |
| %RSD   | .6113695 | .4797732 | 2.724487 | 32.43838 | .3717646 | 1.348022 | 1470.041 |
| #1     | 15.07576 | 6.279784 | .0277353 | .0005711 | 2.310421 | 1.143350 | -.000939 |
| #2     | 15.12750 | 6.257428 | .0266751 | .0007377 | 2.306663 | 1.113822 | .000843  |
| #3     | 14.94869 | 6.317111 | .0281230 | .0010774 | 2.323078 | 1.122429 | .000282  |

Sample Name: P5185-05DLX2      Acquired: 12/21/2024 2:43:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.523488 | -.029827 | .0358276 |
| Stddev | .005850  | .000239  | .0037416 |
| %RSD   | .3839790 | .8006085 | 10.44341 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.530137 | -.029901 | .0400570 |
| #2 | 1.521194 | -.030020 | .0329487 |
| #3 | 1.519133 | -.029560 | .0344771 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1990.758 | 24615.49 | 2512.938 | 1709.040 | 2147.519 |
| Stddev    | 6.099    | 97.04    | 22.103   | 8.426    | 9.129    |
| %RSD      | .3063463 | .3942427 | .8795714 | .4930319 | .4251042 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1987.287 | 24672.72 | 2487.663 | 1715.325 | 2143.308 |
| #2 | 1997.800 | 24670.30 | 2528.647 | 1712.331 | 2157.994 |
| #3 | 1987.187 | 24503.44 | 2522.504 | 1699.465 | 2141.256 |

Sample Name: P5185-06DLX2      Acquired: 12/21/2024 2:47:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1572437 | -.046154 | .1627511 | .0547583 | .0200897 | 57.36261 | .6112414 |
| Stddev | .0036605 | .007105  | .0022346 | .0044863 | .0018344 | .10321   | .0045073 |
| %RSD   | 2.327915 | 15.39434 | 1.373002 | 8.192992 | 9.131220 | .1799330 | .7373962 |
| #1     | .1543701 | -.052345 | .1611043 | .0593981 | .0219254 | 57.46994 | .6163557 |
| #2     | .1559961 | -.038396 | .1652948 | .0544339 | .0182566 | 57.26407 | .6095201 |
| #3     | .1613649 | -.047719 | .1618543 | .0504430 | .0200872 | 57.35383 | .6078484 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049121 | .0032652 | 38.64502 | .0960269 | .0923242 | .1813473 | 128.6474 |
| Stddev | .0001951 | .0000683 | .01917   | .0003851 | .0001393 | .0063144 | .6520    |
| %RSD   | 3.971096 | 2.093305 | .0496021 | .4010411 | .1509195 | 3.481950 | .5068323 |
| #1     | .0048874 | .0033268 | 38.66619 | .0957337 | .0924815 | .1756125 | 129.3358 |
| #2     | .0051183 | .0031916 | 38.62884 | .0958840 | .0922750 | .1803153 | 128.0392 |
| #3     | .0047306 | .0032771 | 38.64001 | .0964630 | .0922161 | .1881142 | 128.5672 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.529550 | 34.50855 | .1027325 | .0081019 | .8623336 | .1609518 | .5603793 |
| Stddev | .015134  | .11193   | .0005453 | .0005687 | .2441972 | .0092490 | .0164549 |
| %RSD   | .4287666 | .3243506 | .5307543 | 7.019188 | 28.31819 | 5.746423 | 2.936379 |
| #1     | 3.536120 | 34.63772 | .1021202 | .0075095 | .8918711 | .1563535 | .5413852 |
| #2     | 3.512241 | 34.44018 | .1031655 | .0086435 | .6047111 | .1715987 | .5694531 |
| #3     | 3.540288 | 34.44775 | .1029118 | .0081527 | 1.090419 | .1549031 | .5702997 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.66754 | 5.561150 | .0262761 | .0000890 | .9485039 | 1.367890 | -.001248 |
| Stddev | .08404   | .010069  | .0031880 | .0008674 | .0114865 | .008650  | .000918  |
| %RSD   | .5042088 | .1810550 | 12.13255 | 974.6157 | 1.211015 | .6323928 | 73.53420 |
| #1     | 16.69675 | 5.550591 | .0285198 | -.000300 | .9508384 | 1.375874 | -.002280 |
| #2     | 16.73307 | 5.562216 | .0276815 | -.000516 | .9360295 | 1.369095 | -.000523 |
| #3     | 16.57279 | 5.570644 | .0226269 | .001083  | .9586439 | 1.358700 | -.000941 |

Sample Name: P5185-06DLX2      Acquired: 12/21/2024 2:47:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6847309 | .0140619 | .0390457 |
| Stddev | .0072823 | .0001432 | .0032385 |
| %RSD   | 1.063531 | 1.018667 | 8.294209 |
| #1     | .6925404 | .0139223 | .0388450 |
| #2     | .6835263 | .0142085 | .0359122 |
| #3     | .6781260 | .0140550 | .0423799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1999.872 | 24713.24 | 2549.863 | 1708.064 | 2138.078 |
| Stddev    | 5.340    | 52.98    | 16.820   | 3.061    | 3.012    |
| %RSD      | .2669934 | .2143902 | .6596372 | .1792026 | .1408517 |
| #1        | 1999.117 | 24769.90 | 2530.552 | 1709.670 | 2137.595 |
| #2        | 1994.951 | 24704.88 | 2557.727 | 1709.987 | 2135.338 |
| #3        | 2005.549 | 24664.93 | 2561.311 | 1704.534 | 2141.302 |

Sample Name: P5185-07DLX2      Acquired: 12/21/2024 2:51:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0995405 | -.040584 | .1331414 | .0479415 | .0155643 | 57.87179 | .7180719 |
| Stddev | .0018798 | .004368  | .0006597 | .0015431 | .0020005 | .41494   | .0033490 |
| %RSD   | 1.888490 | 10.76353 | .4954853 | 3.218770 | 12.85284 | .7170014 | .4663939 |
| #1     | .0973770 | -.045624 | .1335358 | .0497140 | .0151057 | 57.56038 | .7151954 |
| #2     | .1007748 | -.038237 | .1335087 | .0468974 | .0177542 | 57.71215 | .7172718 |
| #3     | .1004696 | -.037891 | .1323798 | .0472131 | .0138330 | 58.34285 | .7217486 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052319 | .0019211 | 30.39222 | .1416181 | .0894192 | .1503092 | 106.7920 |
| Stddev | .0000938 | .0001886 | .16739   | .0004157 | .0006619 | .0096816 | .7380    |
| %RSD   | 1.792794 | 9.816505 | .5507604 | .2935302 | .7401824 | 6.441150 | .6910826 |
| #1     | .0051957 | .0017918 | 30.24626 | .1415263 | .0886554 | .1402775 | 106.1252 |
| #2     | .0051615 | .0018341 | 30.35546 | .1412559 | .0897782 | .1510522 | 106.6659 |
| #3     | .0053384 | .0021375 | 30.57493 | .1420720 | .0898241 | .1595979 | 107.5850 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.472713 | 34.17399 | .1582919 | .0066488 | 1.697112 | .1449844 | .4549513 |
| Stddev | .031454  | .24929   | .0018834 | .0005411 | .843177  | .0095678 | .0084544 |
| %RSD   | .9057414 | .7294635 | 1.189840 | 8.138679 | 49.68307 | 6.599173 | 1.858308 |
| #1     | 3.441617 | 34.03214 | .1561667 | .0072726 | 2.246942 | .1555993 | .4473201 |
| #2     | 3.472008 | 34.02800 | .1589545 | .0063062 | 2.118051 | .1370245 | .4640396 |
| #3     | 3.504513 | 34.46183 | .1597544 | .0063675 | .726343  | .1423292 | .4534944 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.06335 | 5.042173 | .0244268 | -.000522 | .9979344 | 1.127062 | -.004178 |
| Stddev | .13675   | .067924  | .0014248 | .000768  | .0104905 | .012132  | .000012  |
| %RSD   | .8513404 | 1.347117 | 5.832825 | 147.2354 | 1.051218 | 1.076400 | .2984757 |
| #1     | 16.04384 | 4.963751 | .0229495 | -.000036 | .9859738 | 1.125813 | -.004167 |
| #2     | 15.93740 | 5.080321 | .0257924 | -.001407 | 1.005576 | 1.115603 | -.004176 |
| #3     | 16.20881 | 5.082447 | .0245386 | -.000122 | 1.002254 | 1.139770 | -.004191 |



Sample Name: P5185-07DLX2      Acquired: 12/21/2024 2:51:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7992870 | .0685241 | .0648782 |
| Stddev | .0063057 | .0005443 | .0018360 |
| %RSD   | .7889224 | .7943246 | 2.829914 |
| #1     | .7932156 | .0679773 | .0639166 |
| #2     | .7988418 | .0685291 | .0637227 |
| #3     | .8058035 | .0690659 | .0669953 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2047.461 | 25193.00 | 2558.905 | 1748.689 | 2158.881 |
| Stddev    | 29.630   | 24.86    | 22.175   | 12.970   | 28.865   |
| %RSD      | 1.447134 | .0986827 | .8665783 | .7417072 | 1.337030 |
| #1        | 2081.247 | 25172.02 | 2569.980 | 1762.480 | 2192.057 |
| #2        | 2025.903 | 25186.52 | 2573.361 | 1736.736 | 2139.523 |
| #3        | 2035.232 | 25220.46 | 2533.374 | 1746.853 | 2145.062 |

Sample Name: P5185-08DLX2      Acquired: 12/21/2024 2:55:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1049958 | -.032533 | .1027017 | .0432332 | .0124001 | 48.89830 | .6223443 |
| Stddev | .0017371 | .004019  | .0004094 | .0042138 | .0017477 | .28301   | .0009366 |
| %RSD   | 1.654404 | 12.35241 | .3986031 | 9.746672 | 14.09392 | .5787763 | .1505002 |
| #1     | .1048310 | -.036430 | .1026009 | .0419635 | .0143893 | 48.57150 | .6212889 |
| #2     | .1068094 | -.032764 | .1031521 | .0479358 | .0111108 | 49.06246 | .6226674 |
| #3     | .1033470 | -.028403 | .1023522 | .0398002 | .0117003 | 49.06092 | .6230767 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045957 | .0013912 | 26.65285 | .1246122 | .0790662 | .1270919 | 93.34049 |
| Stddev | .0001962 | .0000920 | .21710   | .0006999 | .0005650 | .0087592 | .59482   |
| %RSD   | 4.269610 | 6.613046 | .8145608 | .5616232 | .7145560 | 6.892019 | .6372602 |
| #1     | .0043759 | .0014849 | 26.49147 | .1240744 | .0797118 | .1246333 | 92.70620 |
| #2     | .0047530 | .0013010 | 26.89968 | .1254035 | .0788250 | .1368176 | 93.88582 |
| #3     | .0046583 | .0013876 | 26.56740 | .1243587 | .0786619 | .1198247 | 93.42945 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.853028 | 29.32308 | .2831841 | .0059865 | 1.445803 | .1448609 | .3568620 |
| Stddev | .016371  | .10147   | .0009017 | .0011420 | .787892  | .0082943 | .0063488 |
| %RSD   | .5737982 | .3460519 | .3184160 | 19.07534 | 54.49510 | 5.725719 | 1.779067 |
| #1     | 2.834886 | 29.20726 | .2830383 | .0068927 | 1.944712 | .1525287 | .3500377 |
| #2     | 2.866697 | 29.39636 | .2841498 | .0063630 | 1.855205 | .1360572 | .3579548 |
| #3     | 2.857502 | 29.36561 | .2823641 | .0047039 | .537493  | .1459966 | .3625934 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.74080 | 4.840611 | .0194723 | .0002254 | .8334270 | 1.270253 | -.004945 |
| Stddev | .15859   | .006173  | .0035422 | .0003576 | .0009431 | .004808  | .002132  |
| %RSD   | 1.154130 | .1275295 | 18.19119 | 158.6303 | .1131623 | .3784725 | 43.11313 |
| #1     | 13.69974 | 4.845802 | .0161267 | -.000156 | .8323867 | 1.266549 | -.007068 |
| #2     | 13.91587 | 4.842247 | .0231829 | .000552  | .8342261 | 1.275686 | -.002804 |
| #3     | 13.60677 | 4.833785 | .0191074 | .000280  | .8336682 | 1.268525 | -.004963 |

Sample Name: P5185-08DLX2      Acquired: 12/21/2024 2:55:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9425019 | .0584830 | .0529905 |
| Stddev | .0039617 | .0003609 | .0024103 |
| %RSD   | .4203360 | .6170787 | 4.548609 |
| #1     | .9379972 | .0581480 | .0528717 |
| #2     | .9454438 | .0584359 | .0506418 |
| #3     | .9440647 | .0588652 | .0554581 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1994.141 | 24502.67 | 2511.721 | 1694.014 | 2138.526 |
| Stddev    | 3.940    | 62.41    | 10.140   | 4.843    | 1.546    |
| %RSD      | .1975773 | .2546914 | .4036885 | .2858817 | .0723067 |
| #1        | 1998.690 | 24558.94 | 2521.815 | 1699.606 | 2139.452 |
| #2        | 1991.841 | 24435.55 | 2501.537 | 1691.222 | 2136.741 |
| #3        | 1991.891 | 24513.51 | 2511.809 | 1691.215 | 2139.386 |

Sample Name: P5185-09DLX2      Acquired: 12/21/2024 2:59:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0943768 | -.037084 | .1206063 | .0427775 | .0141052 | 53.17870 | .8465134 |
| Stddev | .0008731 | .001558  | .0015132 | .0007749 | .0020555 | .33843   | .0063681 |
| %RSD   | .9251710 | 4.200276 | 1.254671 | 1.811494 | 14.57262 | .6363967 | .7522757 |
| #1     | .0933705 | -.035993 | .1219578 | .0421356 | .0161624 | 52.81475 | .8396666 |
| #2     | .0949338 | -.038868 | .1208895 | .0436383 | .0120514 | 53.23745 | .8476144 |
| #3     | .0948260 | -.036391 | .1189714 | .0425586 | .0141018 | 53.48391 | .8522592 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049789 | .0018215 | 37.68637 | .1467370 | .0831271 | .1176791 | 98.23667 |
| Stddev | .0001261 | .0000414 | .13072   | .0007004 | .0002954 | .0099554 | .59455   |
| %RSD   | 2.532586 | 2.275746 | .3468694 | .4773124 | .3553833 | 8.459746 | .6052196 |
| #1     | .0051211 | .0017742 | 37.54962 | .1463444 | .0833651 | .1175431 | 97.74096 |
| #2     | .0048806 | .0018392 | 37.69939 | .1463209 | .0832198 | .1277018 | 98.07319 |
| #3     | .0049350 | .0018512 | 37.81009 | .1475456 | .0827965 | .1077925 | 98.89585 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.751010 | 35.27573 | .1730391 | .0064152 | 1.241715 | .1568727 | .4885988 |
| Stddev | .014394  | .03914   | .0007752 | .0010777 | .328350  | .0031376 | .0150050 |
| %RSD   | .5232280 | .1109686 | .4479993 | 16.79922 | 26.44328 | 2.000104 | 3.071026 |
| #1     | 2.735797 | 35.23633 | .1739151 | .0071667 | .898338  | .1533011 | .4715318 |
| #2     | 2.752819 | 35.27624 | .1727604 | .0051805 | 1.274182 | .1581321 | .4997182 |
| #3     | 2.764415 | 35.31461 | .1724418 | .0068986 | 1.552626 | .1591850 | .4945466 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.08960 | 8.316482 | .0317003 | .0008008 | 2.002259 | 1.432740 | -.003046 |
| Stddev | .21085   | .019283  | .0039079 | .0002975 | .009597  | .004073  | .001248  |
| %RSD   | .9545090 | .2318648 | 12.32778 | 37.14534 | .4793024 | .2842798 | 40.98066 |
| #1     | 21.89762 | 8.334433 | .0315988 | .0004607 | 2.005814 | 1.435899 | -.003291 |
| #2     | 22.05591 | 8.296098 | .0278441 | .0010125 | 1.991392 | 1.434177 | -.001694 |
| #3     | 22.31526 | 8.318914 | .0356580 | .0009293 | 2.009572 | 1.428143 | -.004154 |

Sample Name: P5185-09DLX2      Acquired: 12/21/2024 2:59:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.465714 | .1276175 | .0644113 |
| Stddev | .013783  | .0001591 | .0020359 |
| %RSD   | .9403386 | .1246527 | 3.160696 |
| #1     | 1.454412 | .1277150 | .0620605 |
| #2     | 1.461663 | .1274339 | .0655962 |
| #3     | 1.481069 | .1277035 | .0655772 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1998.611 | 24579.45 | 2525.379 | 1697.480 | 2130.784 |
| Stddev    | 1.222    | 117.27   | 2.828    | 10.382   | 3.558    |
| %RSD      | .0611181 | .4771237 | .1120018 | .6115991 | .1669772 |
| #1        | 1997.550 | 24667.02 | 2524.161 | 1709.446 | 2127.403 |
| #2        | 1998.337 | 24625.13 | 2523.364 | 1692.121 | 2134.496 |
| #3        | 1999.947 | 24446.21 | 2528.613 | 1690.872 | 2130.453 |

Sample Name: P5185-10DLX2      Acquired: 12/21/2024 3:02:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0982174 | -.037017 | .1228388 | .0401666 | .0117797 | 52.07307 | .7261411 |
| Stddev | .0018699 | .001583  | .0017962 | .0034874 | .0012280 | .17973   | .0024224 |
| %RSD   | 1.903866 | 4.275914 | 1.462260 | 8.682244 | 10.42455 | .3451576 | .3336008 |
| #1     | .0960883 | -.035607 | .1210404 | .0373442 | .0118891 | 52.04463 | .7259734 |
| #2     | .0989713 | -.038729 | .1246328 | .0390904 | .0129494 | 51.90925 | .7238069 |
| #3     | .0995928 | -.036715 | .1228432 | .0440652 | .0105007 | 52.26533 | .7286430 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049431 | .0021211 | 27.13138 | .1442965 | .0831779 | .1164858 | 96.81610 |
| Stddev | .0000759 | .0001145 | .01918   | .0000222 | .0004961 | .0091263 | .35902   |
| %RSD   | 1.535135 | 5.400064 | .0707029 | .0154142 | .5964401 | 7.834704 | .3708295 |
| #1     | .0049828 | .0020296 | 27.11564 | .1442854 | .0831262 | .1249999 | 96.56547 |
| #2     | .0048556 | .0020841 | 27.12575 | .1442821 | .0827097 | .1068508 | 96.65543 |
| #3     | .0049908 | .0022496 | 27.15274 | .1443221 | .0836978 | .1176067 | 97.22740 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.643779 | 33.61104 | .1780818 | .0058506 | .8138043 | .1514134 | .4525508 |
| Stddev | .009175  | .27439   | .0005468 | .0013052 | 1.516641 | .0106162 | .0131500 |
| %RSD   | .3470362 | .8163688 | .3070292 | 22.30911 | 186.3643 | 7.011423 | 2.905760 |
| #1     | 2.638131 | 33.39286 | .1784947 | .0055067 | 2.204971 | .1624346 | .4481762 |
| #2     | 2.638841 | 33.52116 | .1782890 | .0072933 | 1.039464 | .1412548 | .4421456 |
| #3     | 2.654366 | 33.91910 | .1774617 | .0047517 | -.803023 | .1505507 | .4673305 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.08924 | 6.535862 | .0204989 | .0003151 | .8322018 | .8635676 | -.003814 |
| Stddev | .19062   | .011898  | .0010156 | .0003135 | .0049208 | .0037426 | .001877  |
| %RSD   | 1.053756 | .1820387 | 4.954579 | 99.48366 | .5912969 | .4333859 | 49.20544 |
| #1     | 18.21030 | 6.528724 | .0208530 | .0000938 | .8319657 | .8604478 | -.005743 |
| #2     | 17.86951 | 6.529266 | .0193537 | .0006738 | .8372363 | .8625376 | -.003706 |
| #3     | 18.18790 | 6.549597 | .0212902 | .0001776 | .8274032 | .8677173 | -.001994 |

Sample Name: P5185-10DLX2      Acquired: 12/21/2024 3:02:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.056561 | .0746114 | .0596566 |
| Stddev | .009888  | .0001430 | .0046242 |
| %RSD   | .9358532 | .1916740 | 7.751358 |
| #1     | 1.055708 | .0747597 | .0617904 |
| #2     | 1.047128 | .0744743 | .0543508 |
| #3     | 1.066848 | .0746002 | .0628287 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2003.555 | 24840.78 | 2538.009 | 1717.164 | 2137.725 |
| Stddev    | 3.635    | 36.75    | 5.521    | 4.910    | 4.942    |
| %RSD      | .1814158 | .1479448 | .2175427 | .2859594 | .2311767 |
| #1        | 2007.479 | 24814.84 | 2539.627 | 1711.761 | 2142.950 |
| #2        | 2000.303 | 24882.84 | 2542.540 | 1721.355 | 2133.126 |
| #3        | 2002.883 | 24824.67 | 2531.859 | 1718.375 | 2137.100 |

Sample Name: P5185-11DLX2      Acquired: 12/21/2024 3:06:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0718005 | -.033550 | .0573334 | .0356950 | .0114085 | 33.05860 | .3874384 |
| Stddev | .0017759 | .000715  | .0015650 | .0045657 | .0018752 | .06373   | .0007879 |
| %RSD   | 2.473344 | 2.130575 | 2.729562 | 12.79087 | 16.43687 | .1927732 | .2033590 |
| #1     | .0702055 | -.034098 | .0591329 | .0374448 | .0095581 | 33.09777 | .3869596 |
| #2     | .0737141 | -.032742 | .0562902 | .0391269 | .0133076 | 32.98507 | .3870079 |
| #3     | .0714818 | -.033810 | .0565773 | .0305132 | .0113596 | 33.09296 | .3883478 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032850 | .0009744 | 28.38196 | .0733060 | .0644037 | .1148761 | 88.48946 |
| Stddev | .0002001 | .0000492 | .04489   | .0011437 | .0003346 | .0042809 | .23553   |
| %RSD   | 6.091675 | 5.047764 | .1581572 | 1.560179 | .5195916 | 3.726547 | .2661689 |
| #1     | .0032818 | .0010026 | 28.36005 | .0740624 | .0642432 | .1159356 | 88.28199 |
| #2     | .0030866 | .0009176 | 28.43360 | .0719902 | .0647883 | .1101650 | 88.74548 |
| #3     | .0034868 | .0010030 | 28.35224 | .0738653 | .0641795 | .1185279 | 88.44090 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.999482 | 22.37665 | .0763365 | .0055438 | 1.265506 | .1939099 | .2417450 |
| Stddev | .005161  | .09783   | .0003204 | .0006614 | .538002  | .0074160 | .0042227 |
| %RSD   | .2580975 | .4371886 | .4197657 | 11.93057 | 42.51278 | 3.824454 | 1.746763 |
| #1     | 1.994675 | 22.36042 | .0759674 | .0061599 | 1.623630 | .1983494 | .2440939 |
| #2     | 2.004935 | 22.48158 | .0765434 | .0048449 | .646835  | .1853486 | .2368701 |
| #3     | 1.998836 | 22.28796 | .0764987 | .0056265 | 1.526053 | .1980317 | .2442709 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.449466 | 2.840702 | .0154875 | -.000005 | .4368845 | .7982913 | -.006293 |
| Stddev | .023415  | .009451  | .0010597 | .000140  | .0021565 | .0068962 | .000510  |
| %RSD   | .6787867 | .3326819 | 6.842627 | 3036.257 | .4936036 | .8638727 | 8.105414 |
| #1     | 3.475725 | 2.830273 | .0142744 | -.000034 | .4355338 | .8055278 | -.005862 |
| #2     | 3.441914 | 2.843135 | .0159546 | .000148  | .4357481 | .7917950 | -.006856 |
| #3     | 3.430760 | 2.848698 | .0162335 | -.000127 | .4393715 | .7975511 | -.006162 |



Sample Name: P5185-11DLX2      Acquired: 12/21/2024 3:06:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8488560 | .0070865 | .0266484 |
| Stddev | .0050102 | .0003594 | .0036311 |
| %RSD   | .5902325 | 5.071530 | 13.62606 |
| #1     | .8435537 | .0073943 | .0241719 |
| #2     | .8535113 | .0071736 | .0308167 |
| #3     | .8495030 | .0066915 | .0249565 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1957.482 | 24155.77 | 2472.379 | 1672.313 | 2176.281 |
| Stddev    | 1.421    | 51.19    | 9.202    | 7.671    | 1.093    |
| %RSD      | .0725950 | .2119237 | .3721932 | .4586799 | .0502379 |
| #1        | 1957.292 | 24213.32 | 2462.324 | 1679.239 | 2177.472 |
| #2        | 1956.166 | 24115.30 | 2480.383 | 1673.631 | 2175.323 |
| #3        | 1958.989 | 24138.69 | 2474.428 | 1664.069 | 2176.048 |

Sample Name: P5185-12DLX2      Acquired: 12/21/2024 3:10:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1185216 | -.036091 | .1392613 | .0421187 | .0138591 | 39.18926 | .4908832 |
| Stddev | .0025087 | .001985  | .0006146 | .0003519 | .0024218 | .09519   | .0013032 |
| %RSD   | 2.116641 | 5.499757 | .4413088 | .8353865 | 17.47436 | .2429105 | .2654706 |
| #1     | .1180423 | -.038371 | .1392098 | .0417761 | .0128646 | 39.13167 | .4899045 |
| #2     | .1162872 | -.034748 | .1399001 | .0424792 | .0166198 | 39.13697 | .4903827 |
| #3     | .1212354 | -.035154 | .1386742 | .0421008 | .0120929 | 39.29914 | .4923624 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038278 | .0016347 | 29.94039 | .0782337 | .0725863 | .1680349 | 96.33931 |
| Stddev | .0000251 | .0001224 | .04699   | .0005053 | .0004188 | .0101346 | .42228   |
| %RSD   | .6552965 | 7.486844 | .1569604 | .6458502 | .5769209 | 6.031253 | .4383268 |
| #1     | .0038259 | .0017759 | 29.89919 | .0779167 | .0721036 | .1753676 | 96.19789 |
| #2     | .0038037 | .0015684 | 29.93040 | .0779679 | .0728522 | .1722671 | 96.00589 |
| #3     | .0038538 | .0015598 | 29.99158 | .0788164 | .0728031 | .1564702 | 96.81415 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.355048 | 26.01146 | .0990784 | .0056491 | 2.609679 | .1579562 | 1.024812 |
| Stddev | .002628  | .31351   | .0002470 | .0004549 | .432486  | .0015489 | .008788  |
| %RSD   | .1115824 | 1.205287 | .2492834 | 8.052080 | 16.57239 | .9805962 | .8574978 |
| #1     | 2.354553 | 25.97178 | .0989701 | .0055235 | 3.038227 | .1591243 | 1.021047 |
| #2     | 2.352703 | 25.71968 | .0989040 | .0061535 | 2.173359 | .1561992 | 1.018534 |
| #3     | 2.357888 | 26.34293 | .0993610 | .0052701 | 2.617452 | .1585452 | 1.034855 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.505891 | 3.564096 | .0148018 | .0004511 | .4153174 | 1.131626 | -.004813 |
| Stddev | .246772  | .003276  | .0036810 | .0001903 | .0072711 | .006310  | .001045  |
| %RSD   | 5.476658 | .0919201 | 24.86886 | 42.17190 | 1.750724 | .5575679 | 21.70647 |
| #1     | 4.719868 | 3.565173 | .0185973 | .0002404 | .4132710 | 1.134027 | -.003623 |
| #2     | 4.561865 | 3.560417 | .0112470 | .0005027 | .4092888 | 1.124469 | -.005241 |
| #3     | 4.235939 | 3.566699 | .0145610 | .0006103 | .4233924 | 1.136383 | -.005576 |

Sample Name: P5185-12DLX2      Acquired: 12/21/2024 3:10:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9949351 | .0487212 | .0294272 |
| Stddev | .0032498 | .0007467 | .0034066 |
| %RSD   | .3266317 | 1.532648 | 11.57630 |
| #1     | .9953382 | .0495825 | .0260568 |
| #2     | .9915026 | .0482557 | .0328688 |
| #3     | .9979645 | .0483254 | .0293561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1960.251 | 24254.10 | 2468.823 | 1677.665 | 2158.643 |
| Stddev    | 6.381    | 24.93    | 8.271    | 4.434    | 4.728    |
| %RSD      | .3255149 | .1027781 | .3349996 | .2643225 | .2190423 |
| #1        | 1957.145 | 24229.50 | 2465.409 | 1680.034 | 2155.169 |
| #2        | 1967.590 | 24279.34 | 2478.254 | 1680.411 | 2164.028 |
| #3        | 1956.017 | 24253.46 | 2462.806 | 1672.549 | 2156.733 |

Sample Name: P5185-13DLX2      Acquired: 12/21/2024 3:14:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1364066 | -.032323 | .0902245 | .0408021 | .0129957 | 47.55570 | .6186051 |
| Stddev | .0018746 | .001122  | .0006082 | .0024555 | .0030113 | .05915   | .0015320 |
| %RSD   | 1.374293 | 3.471735 | .6741085 | 6.018104 | 23.17130 | .1243813 | .2476504 |
| #1     | .1342499 | -.033570 | .0902425 | .0387102 | .0148213 | 47.50651 | .6173596 |
| #2     | .1376453 | -.032004 | .0896075 | .0401905 | .0095201 | 47.62133 | .6203157 |
| #3     | .1373246 | -.031394 | .0908235 | .0435056 | .0146457 | 47.53926 | .6181400 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041785 | .0014081 | 59.62439 | .0930380 | .0829414 | .1759790 | 102.9808 |
| Stddev | .0001365 | .0000520 | .19512   | .0010034 | .0009496 | .0054059 | .1740    |
| %RSD   | 3.267664 | 3.696616 | .3272538 | 1.078472 | 1.144951 | 3.071889 | .1689840 |
| #1     | .0043145 | .0014669 | 59.48870 | .0924302 | .0837407 | .1713791 | 102.8369 |
| #2     | .0041794 | .0013678 | 59.84801 | .0924877 | .0831919 | .1746245 | 103.1742 |
| #3     | .0040415 | .0013896 | 59.53647 | .0941962 | .0818916 | .1819332 | 102.9312 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.948379 | 30.39374 | .1010468 | .0063802 | 9.354016 | .1885343 | .3282878 |
| Stddev | .006293  | .03229   | .0019975 | .0004290 | .521469  | .0030363 | .0035288 |
| %RSD   | .2134314 | .1062343 | 1.976854 | 6.724600 | 5.574817 | 1.610454 | 1.074911 |
| #1     | 2.941787 | 30.39225 | .1018172 | .0067932 | 8.981761 | .1909977 | .3281915 |
| #2     | 2.954322 | 30.42674 | .1025444 | .0059367 | 9.950021 | .1894631 | .3248082 |
| #3     | 2.949028 | 30.36222 | .0987787 | .0064107 | 9.130265 | .1851421 | .3318639 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.484132 | 3.380105 | .0250663 | .0006572 | 4.333867 | 1.053356 | -.004022 |
| Stddev | .111396  | .043236  | .0015554 | .0003218 | .053863  | .003328  | .000830  |
| %RSD   | 1.488431 | 1.279134 | 6.205134 | 48.96082 | 1.242831 | .3159383 | 20.63388 |
| #1     | 7.369237 | 3.400821 | .0233167 | .0006158 | 4.346967 | 1.055611 | -.003199 |
| #2     | 7.491494 | 3.409085 | .0262924 | .0009978 | 4.379971 | 1.049534 | -.004008 |
| #3     | 7.591665 | 3.330408 | .0255897 | .0003582 | 4.274662 | 1.054923 | -.004859 |

Sample Name: P5185-13DLX2      Acquired: 12/21/2024 3:14:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8864500 | .1023860 | .0408702 |
| Stddev | .0046892 | .0000926 | .0047476 |
| %RSD   | .5289836 | .0904797 | 11.61632 |
| #1     | .8859816 | .1023532 | .0389410 |
| #2     | .8913558 | .1024906 | .0373909 |
| #3     | .8820126 | .1023142 | .0462787 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1996.485 | 24261.63 | 2504.181 | 1677.420 | 2160.944 |
| Stddev    | 17.794   | 118.64   | 14.477   | 9.356    | 20.222   |
| %RSD      | .8912623 | .4889863 | .5781321 | .5577322 | .9357999 |
| #1        | 1984.589 | 24369.89 | 2487.672 | 1686.055 | 2148.478 |
| #2        | 1987.925 | 24280.18 | 2514.714 | 1678.725 | 2150.077 |
| #3        | 2016.941 | 24134.81 | 2510.157 | 1667.481 | 2184.276 |

Sample Name: P5185-14DLX2      Acquired: 12/21/2024 3:18:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0732379 | -.055353 | .0578691 | .0642162 | .0227876 | 60.43591 | .4580341 |
| Stddev | .0037963 | .002268  | .0015658 | .0019863 | .0006304 | .15328   | .0012042 |
| %RSD   | 5.183450 | 4.096622 | 2.705790 | 3.093122 | 2.766427 | .2536166 | .2629024 |
| #1     | .0772255 | -.054829 | .0574731 | .0623375 | .0221838 | 60.29153 | .4579543 |
| #2     | .0728205 | -.053393 | .0595950 | .0640162 | .0227374 | 60.59675 | .4592762 |
| #3     | .0696675 | -.057837 | .0565394 | .0662949 | .0234416 | 60.41945 | .4568718 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048530 | .0012852 | 23.75137 | .1360633 | .1006216 | .1769544 | 136.3121 |
| Stddev | .0001644 | .0001133 | .08681   | .0009768 | .0007663 | .0028847 | .3755    |
| %RSD   | 3.386801 | 8.819133 | .3654773 | .7179252 | .7615981 | 1.630179 | .2754634 |
| #1     | .0048695 | .0013779 | 23.70581 | .1359018 | .1000981 | .1738976 | 135.8942 |
| #2     | .0050084 | .0011588 | 23.85147 | .1351772 | .1015012 | .1796288 | 136.4210 |
| #3     | .0046810 | .0013188 | 23.69683 | .1371108 | .1002655 | .1773366 | 136.6211 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.612263 | 39.67764 | .1178845 | .0065481 | 1.215416 | .2425477 | .2360799 |
| Stddev | .008848  | .12965   | .0005151 | .0005346 | .262812  | .0084263 | .0029410 |
| %RSD   | .3387124 | .3267500 | .4369822 | 8.163503 | 21.62323 | 3.474062 | 1.245768 |
| #1     | 2.605225 | 39.53336 | .1183059 | .0062233 | .913719  | .2421691 | .2358824 |
| #2     | 2.622196 | 39.71520 | .1173103 | .0071651 | 1.394633 | .2511568 | .2332426 |
| #3     | 2.609368 | 39.78436 | .1180375 | .0062560 | 1.337894 | .2343171 | .2391146 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.48758 | 4.217397 | .0260280 | .0000778 | .5124361 | .7891285 | -.001349 |
| Stddev | .05280   | .006480  | .0030579 | .0005306 | .0054989 | .0034361 | .000756  |
| %RSD   | .3019488 | .1536553 | 11.74855 | 681.8357 | 1.073091 | .4354312 | 56.04814 |
| #1     | 17.46192 | 4.218055 | .0295589 | -.000108 | .5066338 | .7893150 | -.001336 |
| #2     | 17.54831 | 4.223523 | .0242434 | -.000335 | .5131040 | .7924675 | -.002112 |
| #3     | 17.45250 | 4.210613 | .0242817 | .000676  | .5175706 | .7856029 | -.000600 |

Sample Name: P5185-14DLX2      Acquired: 12/21/2024 3:18:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.045681 | -.042590 | .0389849 |
| Stddev | .009788  | .000137  | .0024976 |
| %RSD   | .9360871 | .3207458 | 6.406635 |
| #1     | 1.035660 | -.042484 | .0378767 |
| #2     | 1.055220 | -.042542 | .0372332 |
| #3     | 1.046162 | -.042744 | .0418449 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1993.011 | 24476.91 | 2516.207 | 1693.575 | 2149.469 |
| Stddev    | 3.277    | 99.25    | 9.066    | 7.376    | 2.467    |
| %RSD      | .1644004 | .4054737 | .3603090 | .4355437 | .1147814 |
| #1        | 1989.295 | 24382.08 | 2513.535 | 1685.503 | 2149.569 |
| #2        | 1995.484 | 24580.06 | 2508.776 | 1699.965 | 2146.953 |
| #3        | 1994.254 | 24468.60 | 2526.308 | 1695.258 | 2151.885 |

Sample Name: P5185-15DLX2      Acquired: 12/21/2024 3:22:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0533380 | -.030147 | .0503254 | .0312732 | .0112843 | 25.63287 | .2611797 |
| Stddev | .0021244 | .002385  | .0019477 | .0040299 | .0009355 | .04430   | .0011059 |
| %RSD   | 3.982802 | 7.911408 | 3.870109 | 12.88620 | 8.290390 | .1728421 | .4234262 |
| #1     | .0533713 | -.030837 | .0514854 | .0269730 | .0116820 | 25.65751 | .2622838 |
| #2     | .0511971 | -.032111 | .0514140 | .0318833 | .0119552 | 25.65938 | .2611835 |
| #3     | .0554454 | -.027493 | .0480768 | .0349632 | .0102156 | 25.58172 | .2600720 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026639 | .0009470 | 19.33040 | .0571065 | .0497619 | .0911531 | 74.42840 |
| Stddev | .0001693 | .0000791 | .03678   | .0003161 | .0004039 | .0093202 | .30636   |
| %RSD   | 6.355681 | 8.357462 | .1902896 | .5534781 | .8115793 | 10.22481 | .4116206 |
| #1     | .0027432 | .0008834 | 19.30189 | .0567968 | .0492957 | .0835922 | 74.64781 |
| #2     | .0027789 | .0009220 | 19.31740 | .0574286 | .0499855 | .1015662 | 74.55902 |
| #3     | .0024694 | .0010356 | 19.37192 | .0570943 | .0500045 | .0883011 | 74.07838 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.644226 | 17.29348 | .0582854 | .0042637 | .8178781 | .1687785 | .2658950 |
| Stddev | .005516  | .19415   | .0008236 | .0005081 | .5955343 | .0128118 | .0010003 |
| %RSD   | .3354520 | 1.122670 | 1.413074 | 11.91777 | 72.81455 | 7.590892 | .3762048 |
| #1     | 1.648029 | 17.44143 | .0591351 | .0042623 | .9475845 | .1719916 | .2649883 |
| #2     | 1.646749 | 17.36537 | .0582304 | .0047725 | 1.337870 | .1796780 | .2669681 |
| #3     | 1.637901 | 17.07364 | .0574906 | .0037563 | .168180  | .1546660 | .2657288 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.016875 | 2.318729 | .0134088 | .0001479 | .1743669 | 1.007445 | -.006226 |
| Stddev | .069446  | .004377  | .0003682 | .0001612 | .0085175 | .002782  | .000477  |
| %RSD   | 3.443254 | .1887822 | 2.746217 | 109.0100 | 4.884790 | .2761754 | 7.663094 |
| #1     | 1.951035 | 2.314815 | .0130701 | -.000028 | .1834703 | 1.007336 | -.005921 |
| #2     | 2.010154 | 2.317916 | .0133555 | .000288  | .1730391 | 1.010280 | -.005982 |
| #3     | 2.089438 | 2.323455 | .0138008 | .000184  | .1665914 | 1.004718 | -.006776 |



Sample Name: P5185-15DLX2      Acquired: 12/21/2024 3:22:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8697714 | -.010182 | .0210810 |
| Stddev | .0083071 | .000322  | .0051602 |
| %RSD   | .9550962 | 3.166174 | 24.47807 |
| #1     | .8753338 | -.010415 | .0270033 |
| #2     | .8737581 | -.009814 | .0186870 |
| #3     | .8602224 | -.010317 | .0175525 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1923.314 | 23826.26 | 2429.513 | 1643.324 | 2168.792 |
| Stddev    | 5.280    | 81.62    | 7.312    | 6.918    | 4.792    |
| %RSD      | .2745036 | .3425483 | .3009493 | .4209779 | .2209488 |
| #1        | 1918.281 | 23788.92 | 2421.101 | 1639.747 | 2163.872 |
| #2        | 1928.809 | 23919.87 | 2433.098 | 1651.299 | 2173.445 |
| #3        | 1922.850 | 23769.99 | 2434.340 | 1638.928 | 2169.058 |

Sample Name: P5185-16DLX2      Acquired: 12/21/2024 3:26:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1459240 | -.049966 | .1349525 | .0623754 | .0204129 | 69.67280 | .6974644 |
| Stddev | .0102574 | .001860  | .0035723 | .0027104 | .0039648 | .44153   | .0039112 |
| %RSD   | 7.029300 | 3.722262 | 2.647107 | 4.345287 | 19.42302 | .6337248 | .5607770 |
| #1     | .1574691 | -.049678 | .1357384 | .0641454 | .0234070 | 69.66310 | .6966327 |
| #2     | .1424424 | -.051953 | .1310526 | .0637257 | .0159165 | 69.23619 | .6940360 |
| #3     | .1378606 | -.048267 | .1380664 | .0592551 | .0219153 | 70.11910 | .7017246 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052539 | .0029407 | 60.87100 | .1453908 | .1270941 | .4709101 | 145.9377 |
| Stddev | .0000292 | .0001223 | .43433   | .0006500 | .0008489 | .0069715 | 1.1264   |
| %RSD   | .5563996 | 4.160075 | .7135179 | .4470879 | .6679040 | 1.480422 | .7718395 |
| #1     | .0052332 | .0029238 | 60.83331 | .1458439 | .1263631 | .4760625 | 146.1536 |
| #2     | .0052873 | .0028276 | 60.45675 | .1446460 | .1268942 | .4629775 | 144.7190 |
| #3     | .0052411 | .0030706 | 61.32295 | .1456825 | .1280251 | .4736904 | 146.9406 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.872294 | 47.50487 | .1601366 | .0078959 | 1.803372 | .3054618 | .4642144 |
| Stddev | .028505  | .16914   | .0004394 | .0012373 | .331859  | .0051546 | .0057158 |
| %RSD   | .5850457 | .3560481 | .2743622 | 15.67007 | 18.40215 | 1.687473 | 1.231283 |
| #1     | 4.874395 | 47.41382 | .1604692 | .0091342 | 2.112735 | .2995761 | .4620533 |
| #2     | 4.842797 | 47.40076 | .1603019 | .0066596 | 1.844525 | .3076369 | .4706957 |
| #3     | 4.899691 | 47.70003 | .1596385 | .0078939 | 1.452856 | .3091723 | .4598943 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.37554 | 4.235043 | .0282406 | .0003638 | 1.134427 | .9775338 | .0003727 |
| Stddev | .18523   | .012644  | .0004830 | .0004622 | .002329  | .0016450 | .0013552 |
| %RSD   | 1.785268 | .2985570 | 1.710241 | 127.0414 | .2053142 | .1682791 | 363.6562 |
| #1     | 10.45787 | 4.241069 | .0287899 | -.000169 | 1.133810 | .9792667 | .0008606 |
| #2     | 10.16341 | 4.220513 | .0280495 | .000657  | 1.132469 | .9759937 | -.001159 |
| #3     | 10.50532 | 4.243546 | .0278824 | .000604  | 1.137003 | .9773410 | .001416  |

Sample Name: P5185-16DLX2      Acquired: 12/21/2024 3:26:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4657003 | .0249027 | .0548036 |
| Stddev | .0045343 | .0006837 | .0022708 |
| %RSD   | .9736496 | 2.745559 | 4.143510 |
| #1     | .4668284 | .0243955 | .0573074 |
| #2     | .4607084 | .0256803 | .0528773 |
| #3     | .4695640 | .0246323 | .0542262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1993.054 | 24520.09 | 2540.296 | 1699.901 | 2114.969 |
| Stddev    | 3.857    | 65.31    | 15.248   | 9.015    | 1.132    |
| %RSD      | .1935012 | .2663459 | .6002646 | .5303313 | .0535396 |
| #1        | 1996.944 | 24508.06 | 2543.545 | 1702.496 | 2116.277 |
| #2        | 1989.231 | 24590.58 | 2553.658 | 1707.334 | 2114.308 |
| #3        | 1992.988 | 24461.64 | 2523.684 | 1689.873 | 2114.323 |

Sample Name: P5185-17DLX2      Acquired: 12/21/2024 3:30:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1684131 | -.045973 | .1768703 | .0517140 | .0179047 | 68.37787 | .9246460 |
| Stddev | .0007007 | .002703  | .0022704 | .0036619 | .0001425 | .17136   | .0014553 |
| %RSD   | .4160657 | 5.879326 | 1.283682 | 7.081124 | .7958158 | .2506058 | .1573869 |
| #1     | .1687472 | -.048241 | .1758864 | .0559200 | .0180577 | 68.20770 | .9261436 |
| #2     | .1688843 | -.042982 | .1794668 | .0492341 | .0178806 | 68.37551 | .9232371 |
| #3     | .1676079 | -.046695 | .1752578 | .0499879 | .0177758 | 68.55039 | .9245574 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059050 | .0032092 | 74.83779 | .1237962 | .1128072 | .3658357 | 133.4883 |
| Stddev | .0000749 | .0000284 | .19442   | .0014293 | .0003495 | .0080133 | .4097    |
| %RSD   | 1.269158 | .8862910 | .2597928 | 1.154590 | .3098558 | 2.190405 | .3069293 |
| #1     | .0058234 | .0032155 | 74.65420 | .1230956 | .1126135 | .3614020 | 133.1541 |
| #2     | .0059207 | .0032340 | 74.81769 | .1254407 | .1125973 | .3610190 | 133.3654 |
| #3     | .0059708 | .0031782 | 75.04148 | .1228524 | .1132107 | .3750860 | 133.9454 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.941043 | 40.09113 | .1475730 | .0085518 | 1.037111 | .2254814 | .6123874 |
| Stddev | .016012  | .07596   | .0011883 | .0013611 | .661141  | .0031642 | .0140477 |
| %RSD   | .4062779 | .1894604 | .8052434 | 15.91639 | 63.74830 | 1.403299 | 2.293920 |
| #1     | 3.931295 | 40.16478 | .1489364 | .0083047 | 1.074854 | .2254641 | .5965738 |
| #2     | 3.932311 | 40.01306 | .1470259 | .0100195 | 1.678572 | .2286542 | .6171662 |
| #3     | 3.959522 | 40.09556 | .1467568 | .0073311 | .357908  | .2223259 | .6234222 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.00342 | 5.251735 | .0291992 | .0009057 | 1.183084 | 1.050081 | .0002757 |
| Stddev | .12718   | .011385  | .0022349 | .0007144 | .003444  | .002811  | .0009850 |
| %RSD   | .9780301 | .2167887 | 7.653837 | 78.87726 | .2911278 | .2677008 | 357.3160 |
| #1     | 12.98046 | 5.238926 | .0278831 | .0000959 | 1.179133 | 1.046835 | .0013984 |
| #2     | 13.14052 | 5.255573 | .0317796 | .0014468 | 1.185454 | 1.051693 | -.000443 |
| #3     | 12.88929 | 5.260704 | .0279349 | .0011744 | 1.184664 | 1.051715 | -.000128 |

Sample Name: P5185-17DLX2      Acquired: 12/21/2024 3:30:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYCZN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8418040 | .1188539 | .0543062 |
| Stddev | .0028035 | .0004924 | .0002817 |
| %RSD   | .3330388 | .4142739 | .5187563 |
| #1     | .8418631 | .1183714 | .0546135 |
| #2     | .8389714 | .1188347 | .0540602 |
| #3     | .8445776 | .1193556 | .0542448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2031.206 | 24898.06 | 2580.651 | 1725.670 | 2115.188 |
| Stddev    | 3.705    | 76.94    | 4.048    | 7.642    | 5.866    |
| %RSD      | .1823937 | .3090162 | .1568552 | .4428318 | .2773062 |
| #1        | 2035.469 | 24952.32 | 2579.359 | 1723.892 | 2120.637 |
| #2        | 2028.763 | 24810.01 | 2585.187 | 1719.075 | 2115.947 |
| #3        | 2029.386 | 24931.86 | 2577.406 | 1734.045 | 2108.979 |

Sample Name: CCV087      Acquired: 12/21/2024 3:33:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.780934 | 4.699486 | 24.33493 | 4.731740 | 4.755035 | 398.2370 | 10.05256 |
| Stddev | .016704  | .028053  | .07140   | .002818  | .001661  | 2.1417   | .05239   |
| %RSD   | .3493951 | .5969360 | .2934040 | .0595559 | .0349227 | .5377928 | .5211990 |
| #1     | 4.771152 | 4.674025 | 24.27982 | 4.732721 | 4.753299 | 396.6578 | 10.03410 |
| #2     | 4.771427 | 4.694874 | 24.30938 | 4.728563 | 4.756609 | 400.6747 | 10.11169 |
| #3     | 4.800222 | 4.729560 | 24.41559 | 4.733937 | 4.755197 | 397.3784 | 10.01190 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4976167 | 2.447808 | 399.4599 | 15.22894 | 2.458385 | 14.79517 | 400.3974 |
| Stddev | .0028371 | .007666  | 1.6840   | .02529   | .008023  | .08496   | 2.6552   |
| %RSD   | .5701432 | .3131938 | .4215596 | .1660728 | .3263496 | .5742322 | .6631514 |
| #1     | .4976796 | 2.441169 | 398.0409 | 15.20192 | 2.451627 | 14.76238 | 398.8317 |
| #2     | .5004219 | 2.446056 | 401.3207 | 15.23288 | 2.456276 | 14.89164 | 403.4631 |
| #3     | .4947487 | 2.456198 | 399.0181 | 15.25204 | 2.467252 | 14.73150 | 398.8973 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.77672 | 395.4358 | 2.464335 | 1.270131 | 395.9051 | 2.464998 | 14.73598 |
| Stddev | .08824   | 2.4581   | .005943  | .003488  | 2.3640   | .020712  | .07480   |
| %RSD   | .5971373 | .6216149 | .2411650 | .2745999 | .5971227 | .8402578 | .5075871 |
| #1     | 14.71459 | 393.7804 | 2.458632 | 1.266314 | 394.9589 | 2.473518 | 14.65812 |
| #2     | 14.87772 | 398.2602 | 2.463881 | 1.273151 | 398.5957 | 2.480092 | 14.74254 |
| #3     | 14.73785 | 394.2668 | 2.470492 | 1.270929 | 394.1608 | 2.441385 | 14.80729 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 148.3256 | 4.870168 | 4.844473 | 4.732681 | 4.851458 | 4.835316 | 4.870450 |
| Stddev | .9960    | .017719  | .020160  | .001451  | .014714  | .027970  | .011669  |
| %RSD   | .6715284 | .3638290 | .4161452 | .0306644 | .3032808 | .5784506 | .2395945 |
| #1     | 147.9076 | 4.854341 | 4.830863 | 4.732274 | 4.838561 | 4.820684 | 4.856980 |
| #2     | 149.4626 | 4.866851 | 4.867633 | 4.734292 | 4.848329 | 4.867566 | 4.877462 |
| #3     | 147.6068 | 4.889311 | 4.834922 | 4.731476 | 4.867485 | 4.817696 | 4.876910 |

Sample Name: CCV087      Acquired: 12/21/2024 3:33:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.911312 | 4.769747 | 5.046009 |
| Stddev | .018373  | .028050  | .025734  |
| %RSD   | .3740930 | .5880740 | .5099950 |
| #1     | 4.899045 | 4.752732 | 5.032175 |
| #2     | 4.932435 | 4.802122 | 5.075701 |
| #3     | 4.902455 | 4.754387 | 5.030150 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1519.416 | 20180.24 | 2239.395 | 1278.899 | 1742.430 |
| Stddev    | 4.018    | 33.59    | 13.350   | 2.946    | 1.993    |
| %RSD      | .2644166 | .1664510 | .5961346 | .2303524 | .1143721 |
| #1        | 1518.706 | 20196.35 | 2240.264 | 1282.299 | 1744.723 |
| #2        | 1515.800 | 20202.74 | 2225.632 | 1277.123 | 1741.119 |
| #3        | 1523.741 | 20141.63 | 2252.289 | 1277.274 | 1741.448 |

Sample Name: CCB087      Acquired: 12/21/2024 3:37:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000114 | .0013137 | .0025421 | .0023915 | -.003052 | -.003296 |
| Stddev | .002767  | .0023115 | .0011734 | .0019788 | .001282  | .017270  |
| %RSD   | 2420.995 | 175.9532 | 46.15741 | 82.74005 | 42.01329 | 523.9326 |
| #1     | .001938  | -.000364 | .0038210 | .0013092 | -.003682 | -.006252 |
| #2     | -.003261 | .003950  | .0022903 | .0046754 | -.003898 | .015261  |
| #3     | .000980  | .000354  | .0015151 | .0011900 | -.001577 | -.018898 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002735 | .0001414 | .0002036 | .0022288 | .0005741 | .0000434 |
| Stddev | .0002005 | .0001769 | .0001174 | .0249729 | .0002978 | .0001229 |
| %RSD   | 73.29981 | 125.1011 | 57.65978 | 1120.462 | 51.87306 | 283.1050 |
| #1     | .0000717 | -.000060 | .0003060 | .0258996 | .0008218 | .0001847 |
| #2     | .0002763 | .000212  | .0002292 | -.023869 | .0002437 | -.000016 |
| #3     | .0004727 | .000272  | .0000755 | .004656  | .0006567 | -.000038 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001960 | .0013506 | .0001352 | .0745602 | -.000331 | .0013223 |
| Stddev | .002867  | .0259820 | .0027036 | .0961280 | .000469  | .0006319 |
| %RSD   | 146.2762 | 1923.738 | 2000.079 | 128.9267 | 141.5353 | 47.78704 |
| #1     | .001039  | -.005457 | -.002779 | .1852302 | -.000715 | .0020064 |
| #2     | -.004675 | .030059  | .002562  | .0266210 | .000192  | .0007603 |
| #3     | -.002244 | -.020550 | .000622  | .0118294 | -.000471 | .0012003 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5649293 | -.004755 | -.005844 | -.237777 | -.003864 | .0146828 |
| Stddev | .7134806 | .010226  | .008958  | .111935  | .000823  | .0037394 |
| %RSD   | 126.2956 | 215.0678 | 153.2905 | 47.07566 | 21.30829 | 25.46779 |
| #1     | .2675086 | -.008463 | -.007938 | -.112755 | -.003832 | .0167015 |
| #2     | 1.379004 | .006808  | .003976  | -.328689 | -.004703 | .0169791 |
| #3     | .048275  | -.012610 | -.013569 | -.271887 | -.003058 | .0103679 |



Sample Name: CCB087      Acquired: 12/21/2024 3:37:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0001014 | -.008151 | -.003828 | F -.010284 | .0026894 | .0002701 |
| Stddev | .0000470 | .001837  | .000776  | .001054    | .0021837 | .0001784 |
| %RSD   | 46.34454 | 22.53224 | 20.28160 | 10.24958   | 81.19713 | 66.04595 |
| #1     | .0000544 | -.010162 | -.003713 | -.011212   | .0052081 | .0004732 |
| #2     | .0001015 | -.006564 | -.004655 | -.010501   | .0013281 | .0001388 |
| #3     | .0001484 | -.007725 | -.003115 | -.009138   | .0015319 | .0001983 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0249040 |
| Stddev | .0034653   |
| %RSD   | 13.91472   |
| #1     | .0275019   |
| #2     | .0209694   |
| #3     | .0262408   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1822.374 | 22504.28 | 2293.242 | 1554.444 | 2151.508 |
| Stddev    | 5.053    | 96.08    | 5.141    | 5.922    | 4.704    |
| %RSD      | .2772740 | .4269359 | .2241754 | .3809469 | .2186357 |
| #1        | 1824.443 | 22399.23 | 2295.017 | 1548.246 | 2155.086 |
| #2        | 1816.615 | 22525.94 | 2287.449 | 1560.044 | 2146.180 |
| #3        | 1826.063 | 22587.69 | 2297.261 | 1555.042 | 2153.259 |