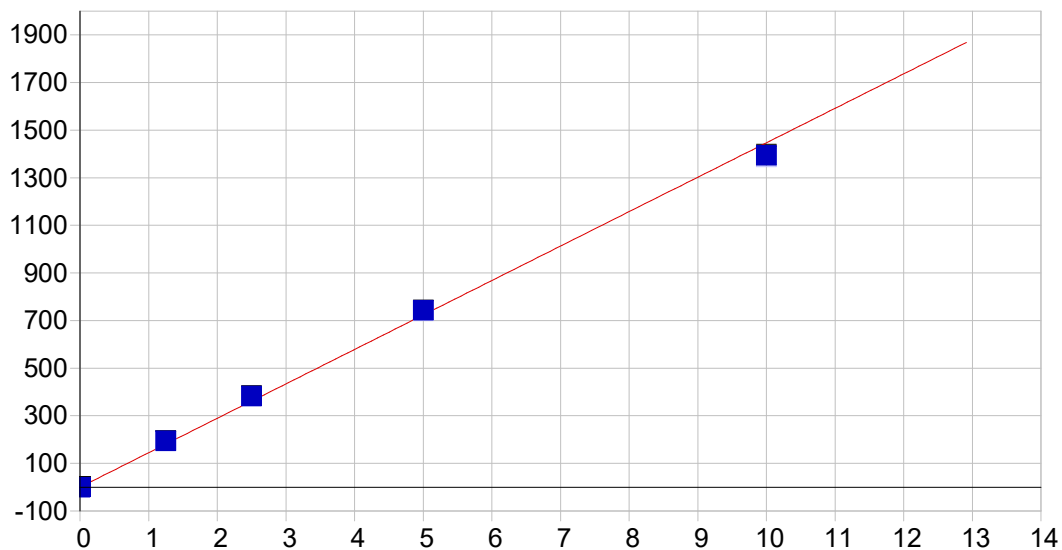


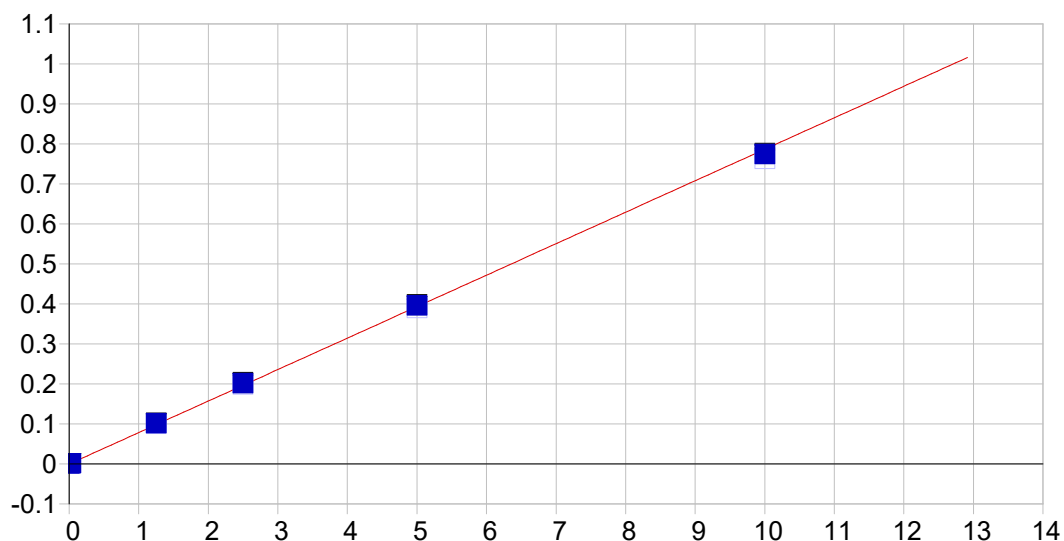


**As 189.042 {478}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |            |           |          |
|-------------------|------------|-----------|----------|
| A0 (Offset):      | -0.086093  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 144.708857 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000   |           |          |
| n (Exponent):     | 1.000000   |           |          |
| Correlation:      | 0.999128   | Status:   | OK.      |
| Std Error of Est: | 0.100936   |           |          |
| Predicted MDL:    | 0.004793   |           |          |
| Predicted MQL:    | 0.015976   |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.08619 | .908    | 1        |
| S1        | .01000       | .00946      | -.001      | -5.39   | 1.2809  | .523    | 1        |
| S2        | 1.2500       | 1.3430      | .093       | 7.44    | 193.49  | .914    | 1        |
| S3        | 2.5000       | 2.6430      | .143       | 5.72    | 380.86  | 1.36    | 1        |
| S4        | 5.0000       | 5.1348      | .135       | 2.70    | 739.93  | 1.84    | 1        |
| S5        | 10.000       | 9.6298      | -.370      | -3.70   | 1387.3  | 5.45    | 1        |

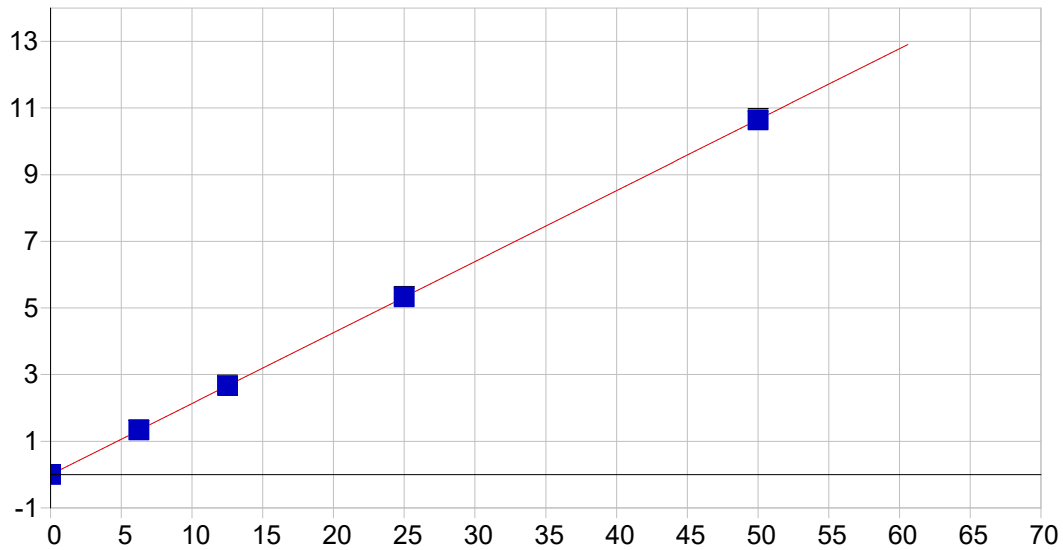


TI 190.856 {477}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000256 Re-Slope: 1.000000  
 A1 (Gain): 0.078687 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999826 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.002928  
 Predicted MQL: 0.009759

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .02500       | .02742      | .002       | 9.67    | .00183  | .000    | 1        |
| S2        | 1.2500       | 1.2966      | .047       | 3.73    | .10025  | .001    | 1        |
| S3        | 2.5000       | 2.5674      | .067       | 2.70    | .19872  | .002    | 1        |
| S4        | 5.0000       | 5.0351      | .035       | .702    | .38985  | .003    | 1        |
| S5        | 10.000       | 9.8485      | -.152      | -1.52   | .76251  | .002    | 1        |

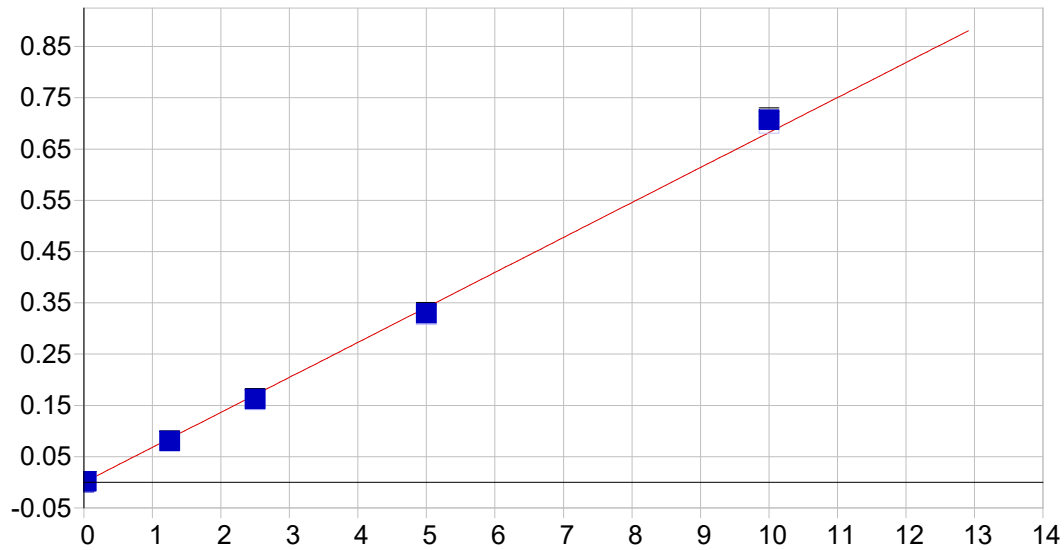


#### Pb 220.353 {453}

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000011 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.213042 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999997 | Status:   | OK.      |
| Std Error of Est: | 0.000018 |           |          |
| Predicted MDL:    | 0.002458 |           |          |
| Predicted MQL:    | 0.008192 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .01000       | .00822      | -.002      | -17.8   | .00175 | .001    | 1        |
| S2        | 6.2500       | 6.2581      | .008       | .130    | 1.3320 | .006    | 1        |
| S3        | 12.500       | 12.537      | .037       | .294    | 2.6684 | .013    | 1        |
| S4        | 25.000       | 25.004      | .004       | .015    | 5.3219 | .025    | 1        |
| S5        | 50.000       | 49.953      | -.047      | -.094   | 10.632 | .042    | 1        |

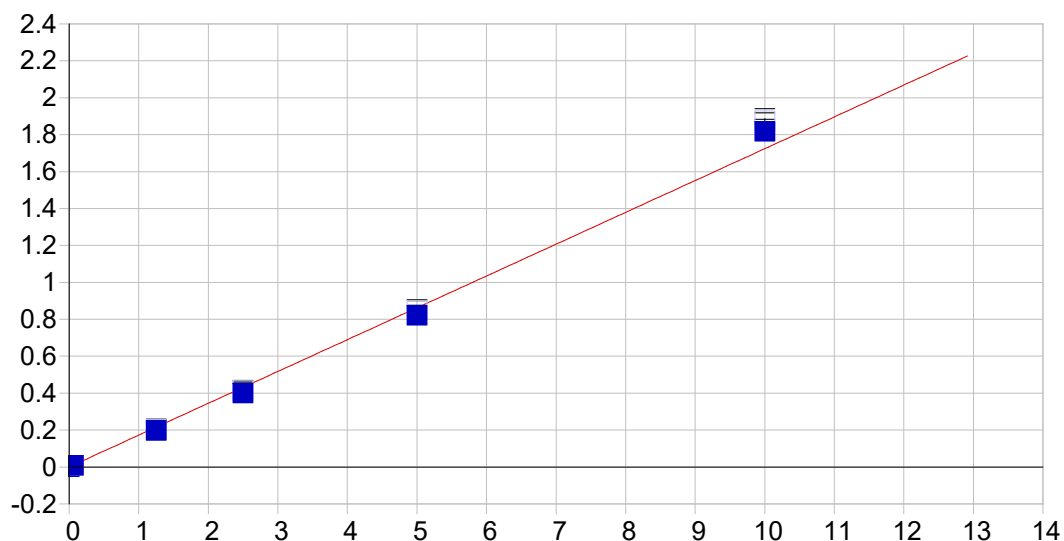


Se 196.090 {472}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000  
 A1 (Gain): 0.068223 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999172 Status: OK.  
 Std Error of Est: 0.000086  
 Predicted MDL: 0.004592  
 Predicted MQL: 0.015308

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .03500       | .02565      | -.009      | -26.7   | .00168  | .000    | 1        |
| S2        | 1.2500       | 1.1816      | -.068      | -5.47   | .07965  | .000    | 1        |
| S3        | 2.5000       | 2.3815      | -.119      | -4.74   | .16062  | .001    | 1        |
| S4        | 5.0000       | 4.8340      | -.166      | -3.32   | .32614  | .002    | 1        |
| S5        | 10.000       | 10.362      | .362       | 3.62    | .69972  | .004    | 1        |

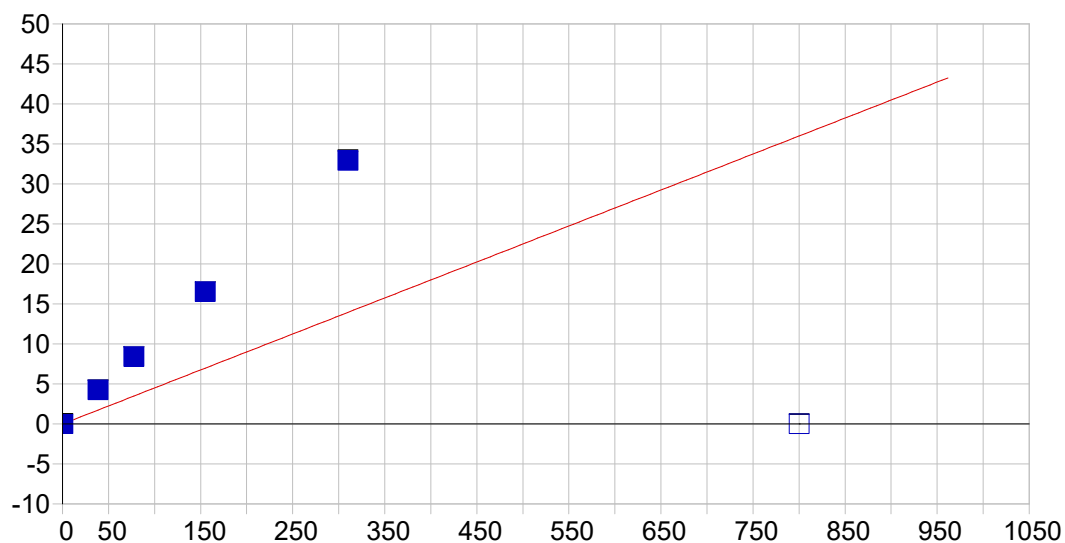


**Sb 206.833 {463}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000238 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.172374 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998366 | Status:   | OK.      |
| Std Error of Est: | 0.000419 |           |          |
| Predicted MDL:    | 0.002537 |           |          |
| Predicted MQL:    | 0.008457 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00024 | .000    | 1        |
| S1        | .06000       | .04998      | -.010      | -16.7   | .00886 | .000    | 1        |
| S2        | 1.2500       | 1.1427      | -.107      | -8.58   | .20442 | .001    | 1        |
| S3        | 2.5000       | 2.3147      | -.185      | -7.41   | .41364 | .002    | 1        |
| S4        | 5.0000       | 4.7589      | -.241      | -4.82   | .84936 | .003    | 1        |
| S5        | 10.000       | 10.543      | .543       | 5.43    | 1.8753 | .012    | 1        |

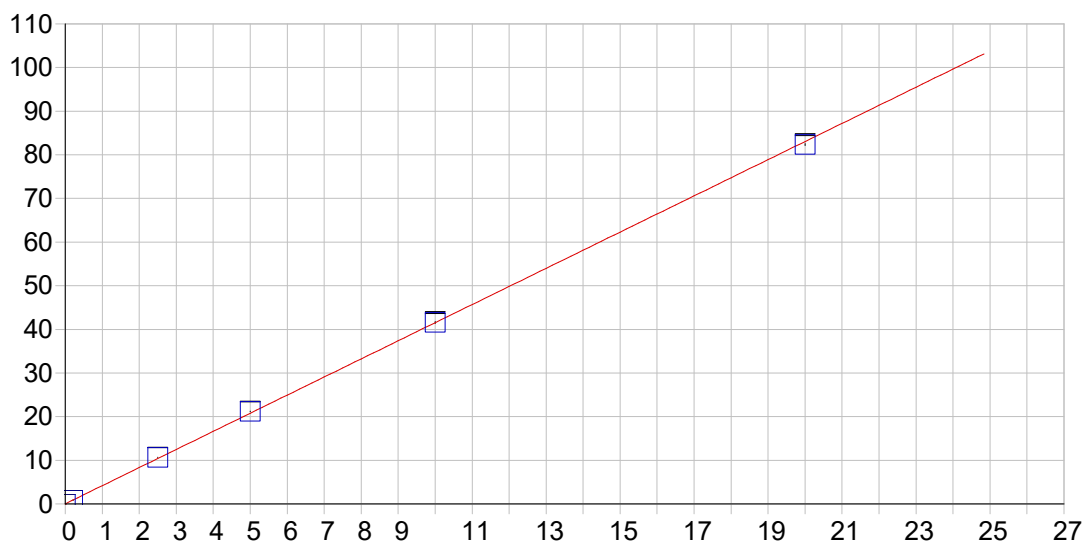


AI 396.152 { 85}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003458 Re-Slope: 1.000000  
 A1 (Gain): 0.044984 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.649176 Status: OK.  
 Std Error of Est: 0.032779  
 Predicted MDL: 0.051383  
 Predicted MQL: 0.171278

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00119     | -.001      | .000    | -.00351 | .001    | 1        |
| S1        | .20000       | .47976      | .280       | 140.    | .01814  | .003    | 1        |
| S2        | 38.750       | 94.378      | 55.6       | 144.    | 4.2439  | .005    | 1        |
| S3        | 77.500       | 186.98      | 109.       | 141.    | 8.4114  | .028    | 1        |
| S4        | 155.00       | 366.92      | 212.       | 137.    | 16.510  | .067    | 1        |
| S5        | 310.00       | 731.75      | 422.       | 136.    | 32.929  | .084    | 1        |
| S6        | 800.00       | -----       | -----      | -----   | .00000  | -----   | 1        |

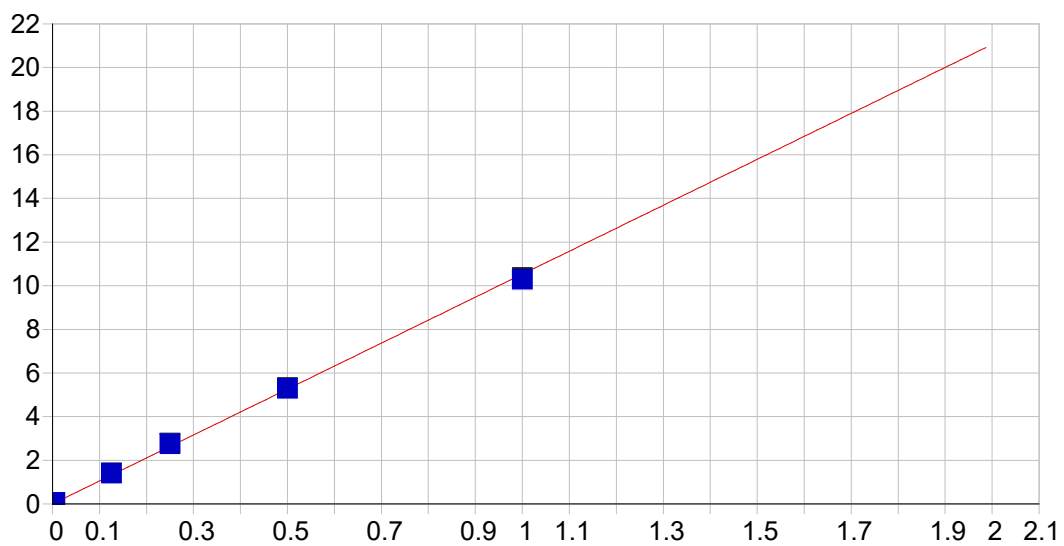


**Ba 493.409 { 68}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.024448 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.150944 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999940 | Status:   | OK.      |
| Std Error of Est: | 0.004843 |           |          |
| Predicted MDL:    | 0.001037 |           |          |
| Predicted MQL:    | 0.003457 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .02442 | .003    | 1        |
| S1        | .20000       | .19863      | -.001      | -.684   | .84896 | .002    | 1        |
| S2        | 2.5000       | 2.5595      | .060       | 2.38    | 10.649 | .036    | 1        |
| S3        | 5.0000       | 5.0930      | .093       | 1.86    | 21.165 | .068    | 1        |
| S4        | 10.000       | 10.014      | .014       | .141    | 41.592 | .227    | 1        |
| S5        | 20.000       | 19.835      | -.165      | -.826   | 82.357 | .231    | 1        |



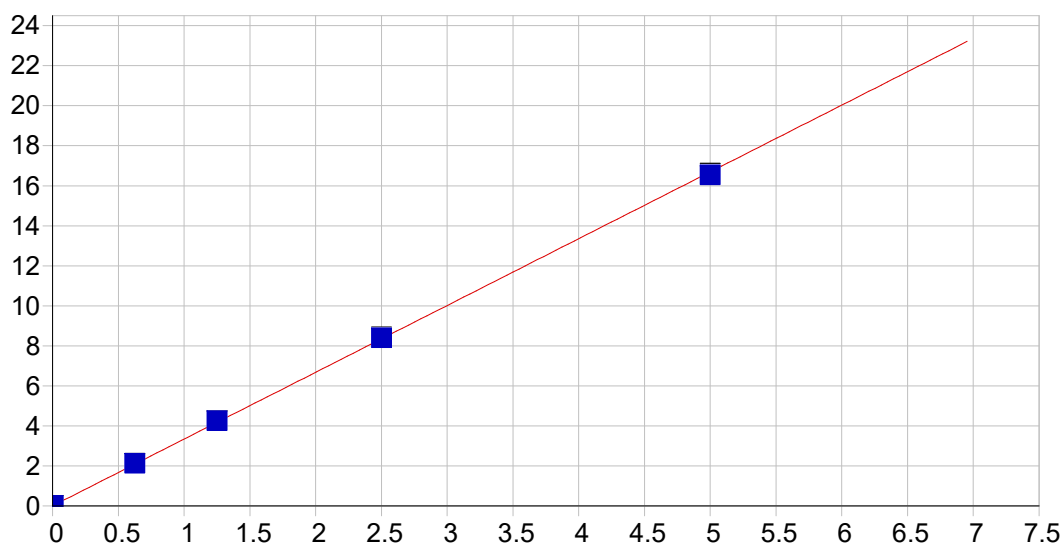
**Be 234.861 {144}**

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000621 Re-Slope: 1.000000  
 A1 (Gain): 10.528396 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999566 Status: OK.  
 Std Error of Est: 0.001160  
 Predicted MDL: 0.000113  
 Predicted MQL: 0.000378

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00062 | .000    | 1        |
| S1        | .00500       | .00491      | -.000      | -1.78   | .05228 | .001    | 1        |
| S2        | .12500       | .13316      | .008       | 6.52    | 1.3965 | .002    | 1        |
| S3        | .25000       | .26205      | .012       | 4.82    | 2.7475 | .023    | 1        |
| S4        | .50000       | .50214      | .002       | .429    | 5.2632 | .032    | 1        |
| S5        | 1.0000       | .97774      | -.022      | -2.23   | 10.246 | .077    | 1        |



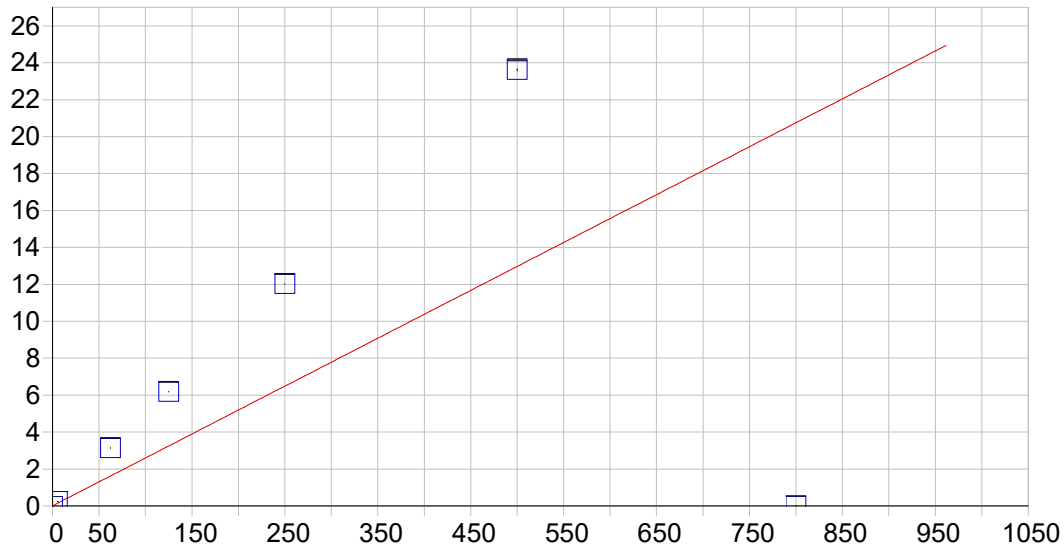


**Cd 214.438 {457}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000445 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.338349 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999940 | Status:   | OK.      |
| Std Error of Est: | 0.000307 |           |          |
| Predicted MDL:    | 0.000106 |           |          |
| Predicted MQL:    | 0.000353 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00045 | .000    | 1        |
| S1        | .00500       | .00463      | -.000      | -7.44   | .01596 | .000    | 1        |
| S2        | .62500       | .63562      | .011       | 1.70    | 2.1256 | .009    | 1        |
| S3        | 1.2500       | 1.2724      | .022       | 1.79    | 4.2544 | .021    | 1        |
| S4        | 2.5000       | 2.5144      | .014       | .574    | 8.4070 | .035    | 1        |
| S5        | 5.0000       | 4.9530      | -.047      | -.939   | 16.561 | .063    | 1        |

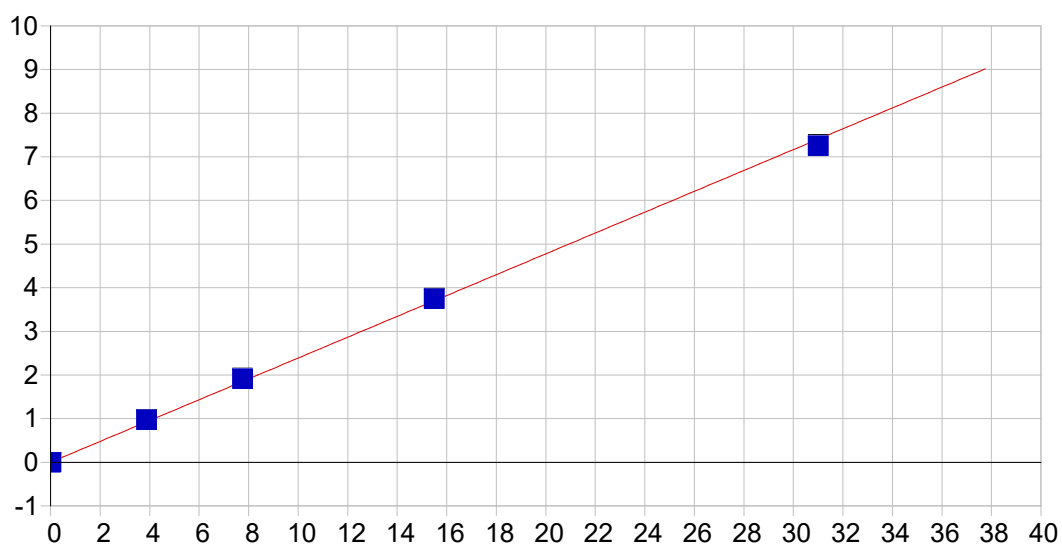


Ca 373.690 { 90}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004437 Re-Slope: 1.000000  
A1 (Gain): 0.025929 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.735211 Status: OK.  
Std Error of Est: 0.083438  
Predicted MDL: 0.070141  
Predicted MQL: 0.233804

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.01663     | -.017      | .000    | .00401 | .001    | 1        |
| S1        | 5.0000       | 9.0466      | 4.05       | 80.9    | .23901 | .003    | 1        |
| S2        | 62.500       | 120.84      | 58.3       | 93.3    | 3.1378 | .015    | 1        |
| S3        | 125.00       | 238.44      | 113.       | 90.8    | 6.1871 | .018    | 1        |
| S4        | 250.00       | 463.61      | 214.       | 85.4    | 12.025 | .015    | 1        |
| S5        | 500.00       | 910.73      | 411.       | 82.1    | 23.619 | .055    | 1        |
| S6        | 800.00       | -----       | -----      | -----   | .00000 | -----   | 1        |

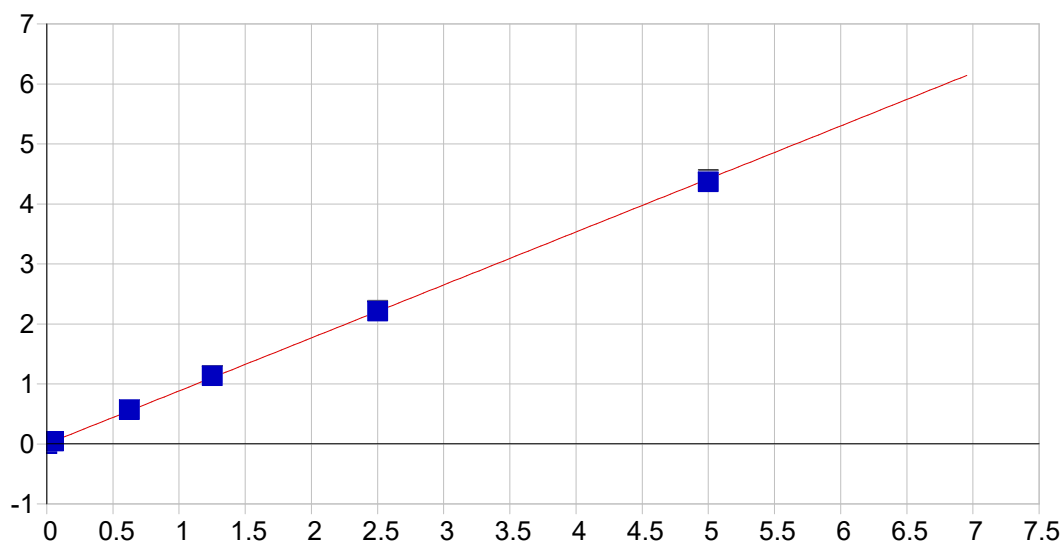


**Cr 267.716 {126}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000025 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.238803  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999701  | Status:   | OK.      |
| Std Error of Est: | 0.000172  |           |          |
| Predicted MDL:    | 0.000877  |           |          |
| Predicted MQL:    | 0.002923  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00002 | .000    | 1        |
| S1        | .01000       | .01004      | .000       | .424    | .00238  | .000    | 1        |
| S2        | 3.8750       | 4.0730      | .198       | 5.11    | .97333  | .004    | 1        |
| S3        | 7.7500       | 8.0166      | .267       | 3.44    | 1.9158  | .011    | 1        |
| S4        | 15.500       | 15.680      | .180       | 1.16    | 3.7473  | .008    | 1        |
| S5        | 31.000       | 30.355      | -.645      | -2.08   | 7.2546  | .024    | 1        |

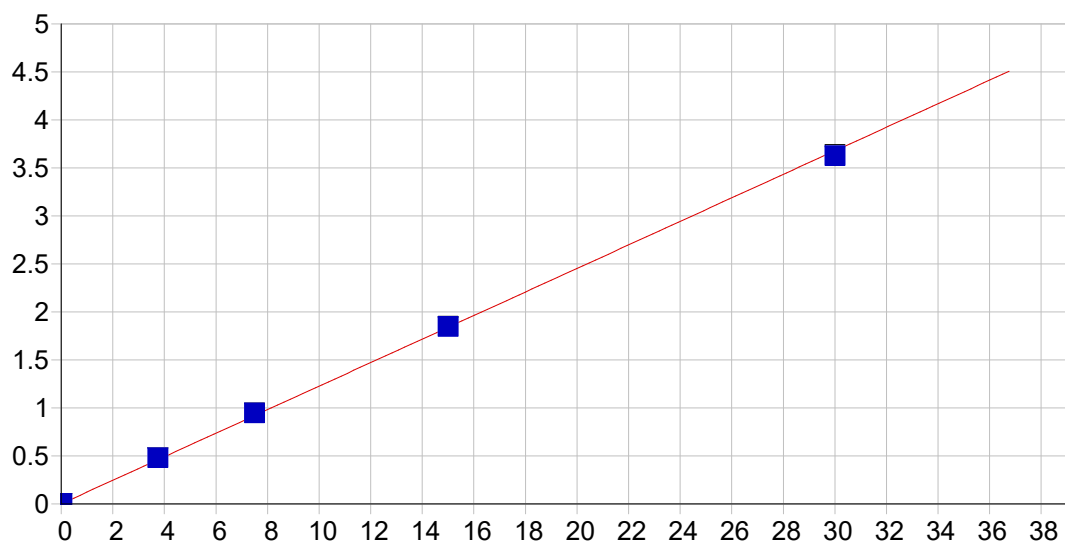


**Co 228.616 {448}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000097 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.883211  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999888  | Status:   | OK.      |
| Std Error of Est: | 0.000352  |           |          |
| Predicted MDL:    | 0.000435  |           |          |
| Predicted MQL:    | 0.001449  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00010 | .000    | 1        |
| S1        | .05000       | .04909      | -.001      | -1.83   | .04340  | .001    | 1        |
| S2        | .62500       | .64618      | .021       | 3.39    | .57240  | .003    | 1        |
| S3        | 1.2500       | 1.2812      | .031       | 2.50    | 1.1350  | .005    | 1        |
| S4        | 2.5000       | 2.5034      | .003       | .135    | 2.2180  | .009    | 1        |
| S5        | 5.0000       | 4.9451      | -.055      | -1.10   | 4.3817  | .020    | 1        |

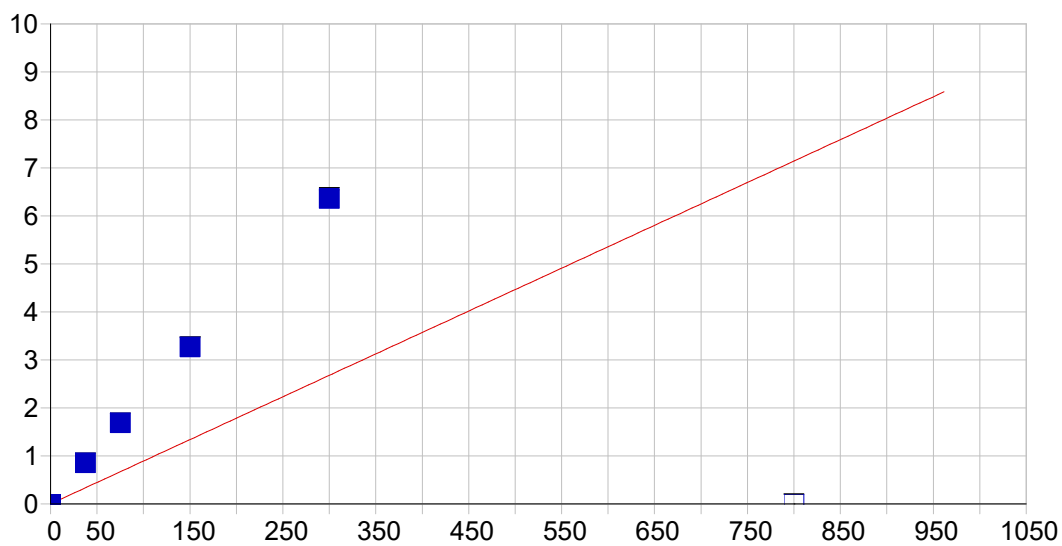


**Cu 324.754 {104}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000839 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.122589 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999833 | Status:   | OK.      |
| Std Error of Est: | 0.000103 |           |          |
| Predicted MDL:    | 0.008538 |           |          |
| Predicted MQL:    | 0.028460 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00084 | .001    | 1        |
| S1        | .02500       | .02779      | .003       | 11.1    | .00424 | .001    | 1        |
| S2        | 3.7500       | 3.9106      | .161       | 4.28    | .48019 | .001    | 1        |
| S3        | 7.5000       | 7.7039      | .204       | 2.72    | .94515 | .003    | 1        |
| S4        | 15.000       | 15.051      | .051       | .340    | 1.8457 | .005    | 1        |
| S5        | 30.000       | 29.582      | -.418      | -1.39   | 3.6268 | .009    | 1        |

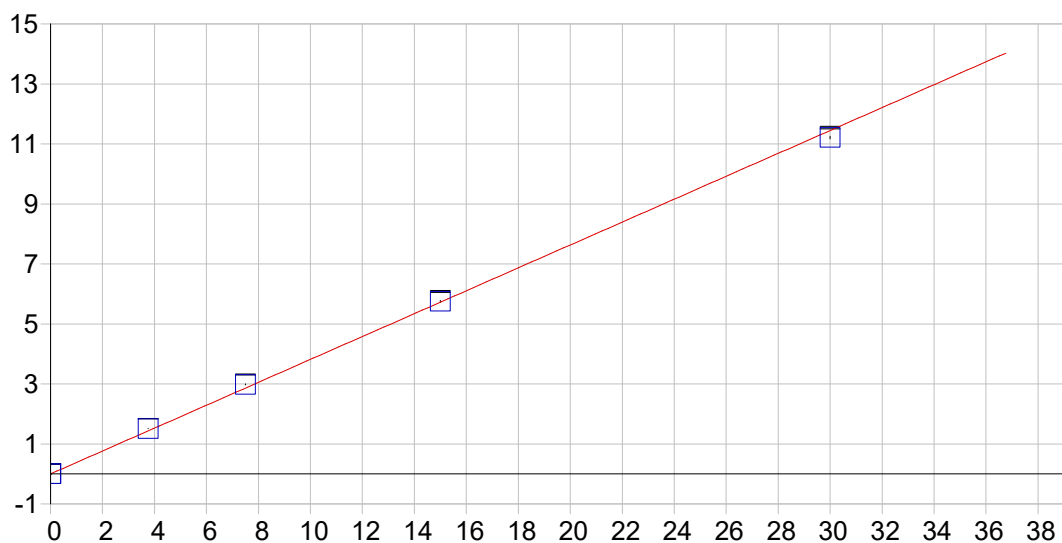


**Fe 259.837 {130}**

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000  
 A1 (Gain): 0.008928 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.642439 Status: OK.  
 Std Error of Est: 0.004650  
 Predicted MDL: 0.078751  
 Predicted MQL: 0.262502

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00060     | -.001      | .000    | .00026 | .000    | 1        |
| S1        | .10000       | .21196      | .112       | 112.    | .00216 | .001    | 1        |
| S2        | 37.500       | 95.413      | 57.9       | 154.    | .85221 | .003    | 1        |
| S3        | 75.000       | 188.71      | 114.       | 152.    | 1.6852 | .004    | 1        |
| S4        | 150.00       | 365.97      | 216.       | 144.    | 3.2680 | .011    | 1        |
| S5        | 300.00       | 712.15      | 412.       | 137.    | 6.3590 | .022    | 1        |
| S6        | 800.00       | -----       | -----      | -----   | .00000 | -----   | 1        |

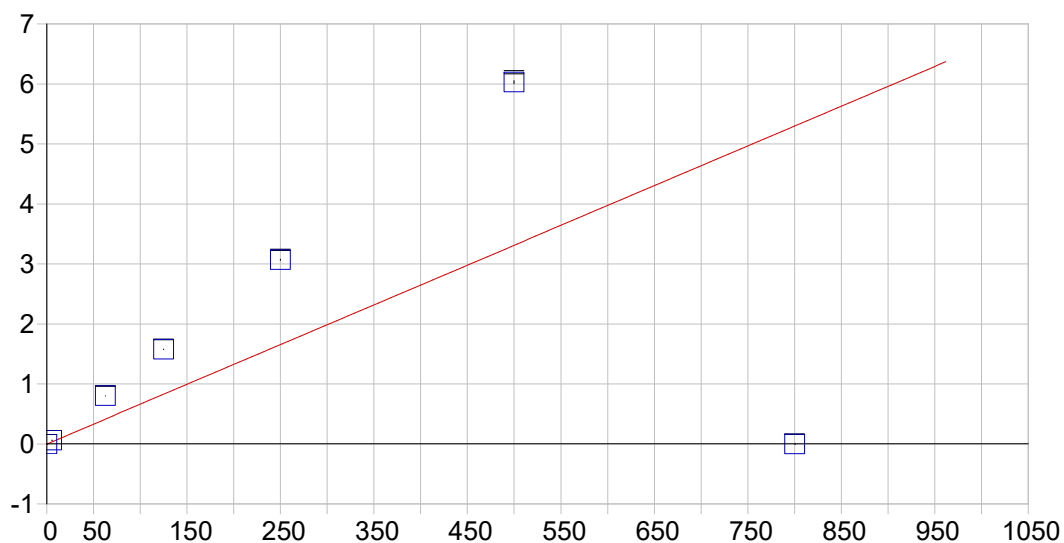


### Mn 257.610 {131}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000181 Re-Slope: 1.000000  
 A1 (Gain): 0.381563 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999663 Status: OK.  
 Std Error of Est: 0.000352  
 Predicted MDL: 0.001522  
 Predicted MQL: 0.005073

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00018 | .001    | 1        |
| S1        | .01500       | .01553      | .001       | 3.53    | .00574  | .000    | 1        |
| S2        | 3.7500       | 3.9592      | .209       | 5.58    | 1.5105  | .004    | 1        |
| S3        | 7.5000       | 7.8158      | .316       | 4.21    | 2.9821  | .013    | 1        |
| S4        | 15.000       | 15.086      | .086       | .574    | 5.7561  | .032    | 1        |
| S5        | 30.000       | 29.388      | -.612      | -2.04   | 11.213  | .039    | 1        |



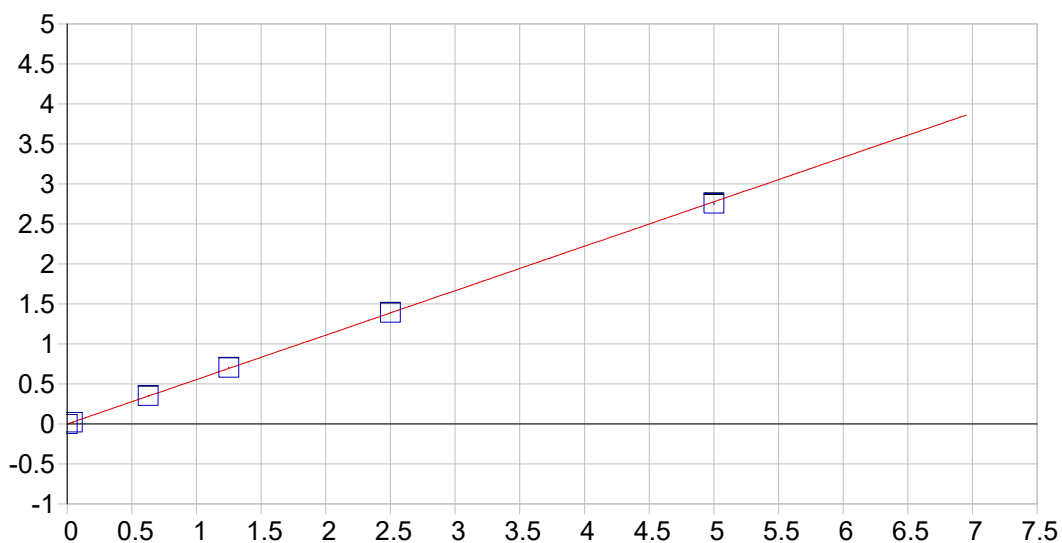
**Mg 279.079 {121}**

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000918 Re-Slope: 1.000000  
 A1 (Gain): 0.006624 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.735341 Status: OK.  
 Std Error of Est: 0.021307  
 Predicted MDL: 0.119930  
 Predicted MQL: 0.399767

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.01697     | -.017      | .000    | -.00103 | .001    | 1        |
| S1        | 5.0000       | 9.3842      | 4.38       | 87.7    | .06124  | .000    | 1        |
| S2        | 62.500       | 121.13      | 58.6       | 93.8    | .80141  | .003    | 1        |
| S3        | 125.00       | 238.00      | 113.       | 90.4    | 1.5755  | .004    | 1        |
| S4        | 250.00       | 463.40      | 213.       | 85.4    | 3.0685  | .009    | 1        |
| S5        | 500.00       | 910.45      | 410.       | 82.1    | 6.0296  | .028    | 1        |
| S6        | 800.00       | -----       | -----      | -----   | .00000  | -----   | 1        |



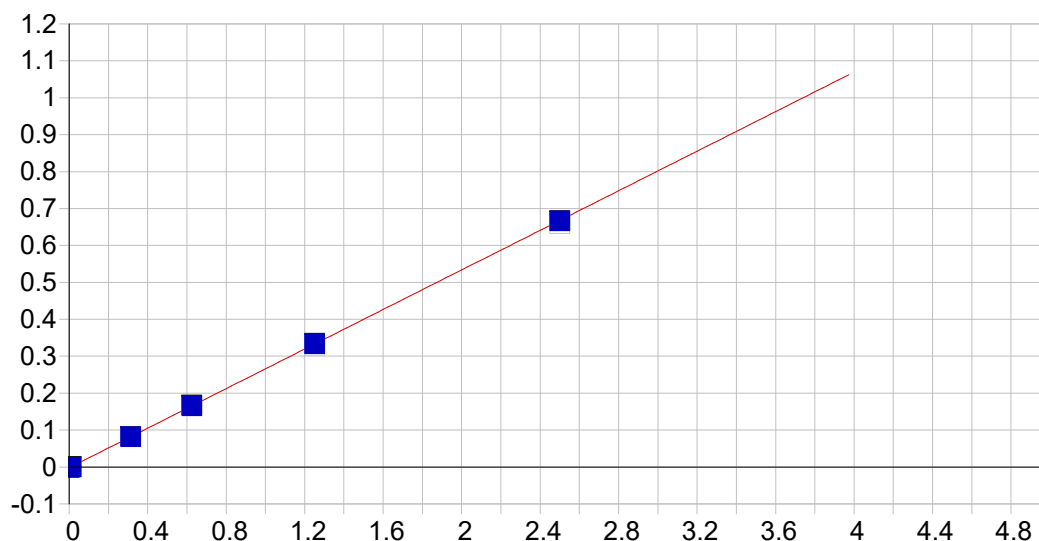


**Ni 231.604 {446}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000824 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.555407  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999951  | Status:   | OK.      |
| Std Error of Est: | 0.000130  |           |          |
| Predicted MDL:    | 0.000719  |           |          |
| Predicted MQL:    | 0.002395  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00082 | .000    | 1        |
| S1        | .04000       | .03910      | -.001      | -2.25   | .02089  | .000    | 1        |
| S2        | .62500       | .63532      | .010       | 1.65    | .35204  | .001    | 1        |
| S3        | 1.2500       | 1.2726      | .023       | 1.80    | .70596  | .004    | 1        |
| S4        | 2.5000       | 2.5067      | .007       | .269    | 1.3914  | .004    | 1        |
| S5        | 5.0000       | 4.9613      | -.039      | -.774   | 2.7547  | .010    | 1        |

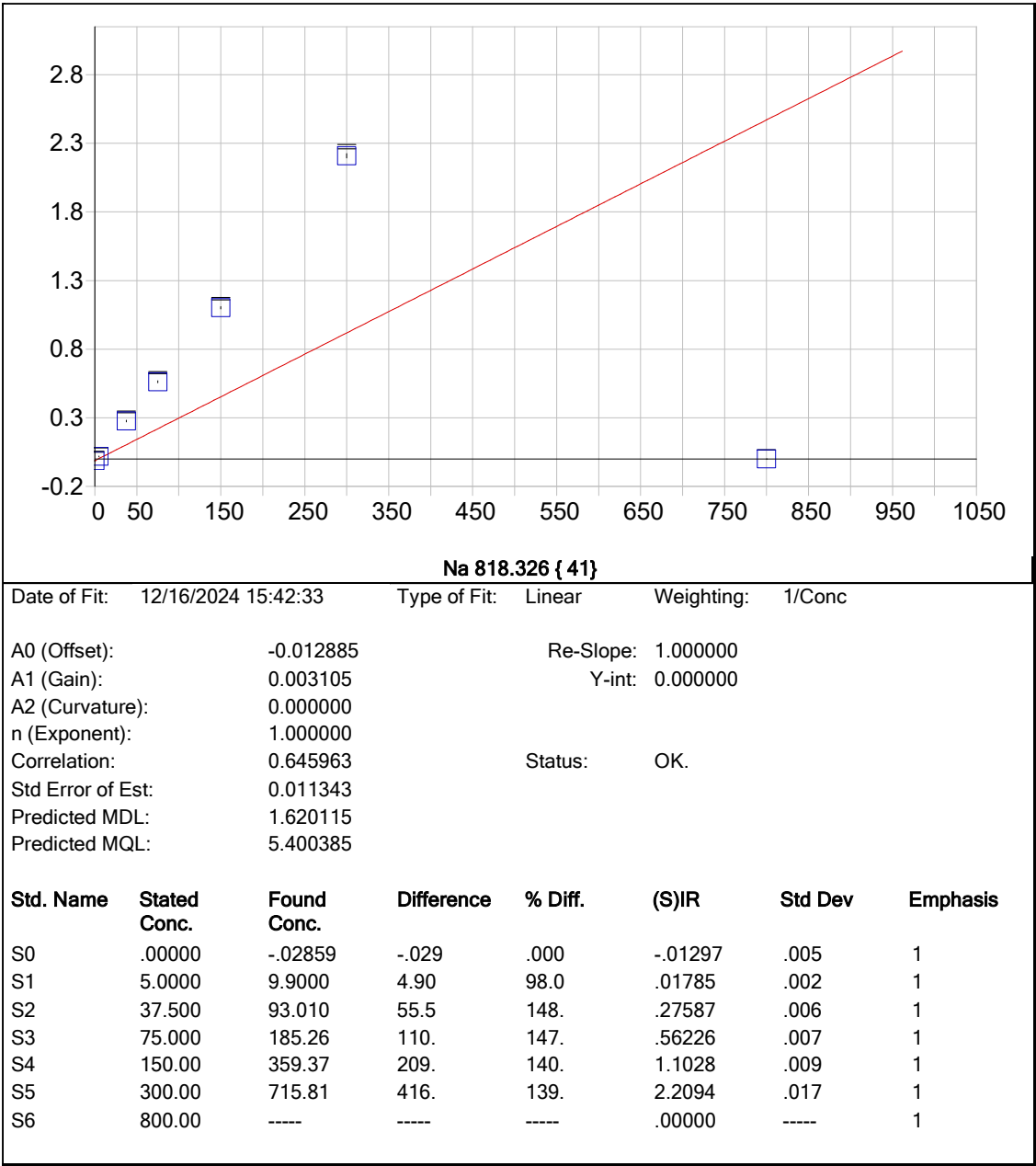


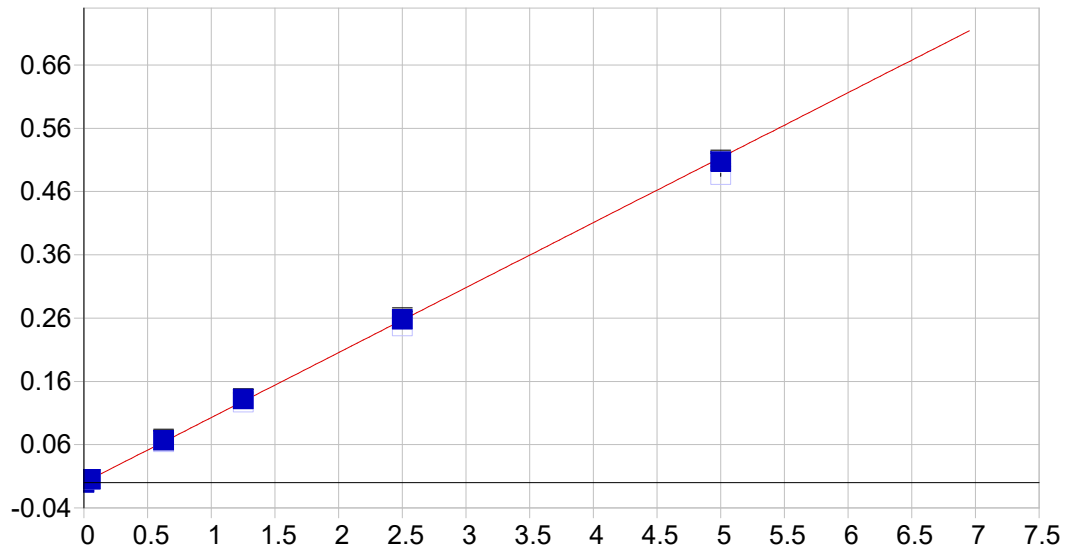
**Ag 328.068 {103}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002130 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.267947  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999947  | Status:   | OK.      |
| Std Error of Est: | 0.000023  |           |          |
| Predicted MDL:    | 0.001168  |           |          |
| Predicted MQL:    | 0.003893  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00213 | .000    | 1        |
| S1        | .01000       | .00795      | -.002      | -20.5   | -.00000 | .000    | 1        |
| S2        | .31250       | .31553      | .003       | .969    | .08141  | .000    | 1        |
| S3        | .62500       | .62843      | .003       | .548    | .16425  | .001    | 1        |
| S4        | 1.2500       | 1.2519      | .002       | .149    | .32928  | .002    | 1        |
| S5        | 2.5000       | 2.4938      | -.006      | -.250   | .65803  | .001    | 1        |



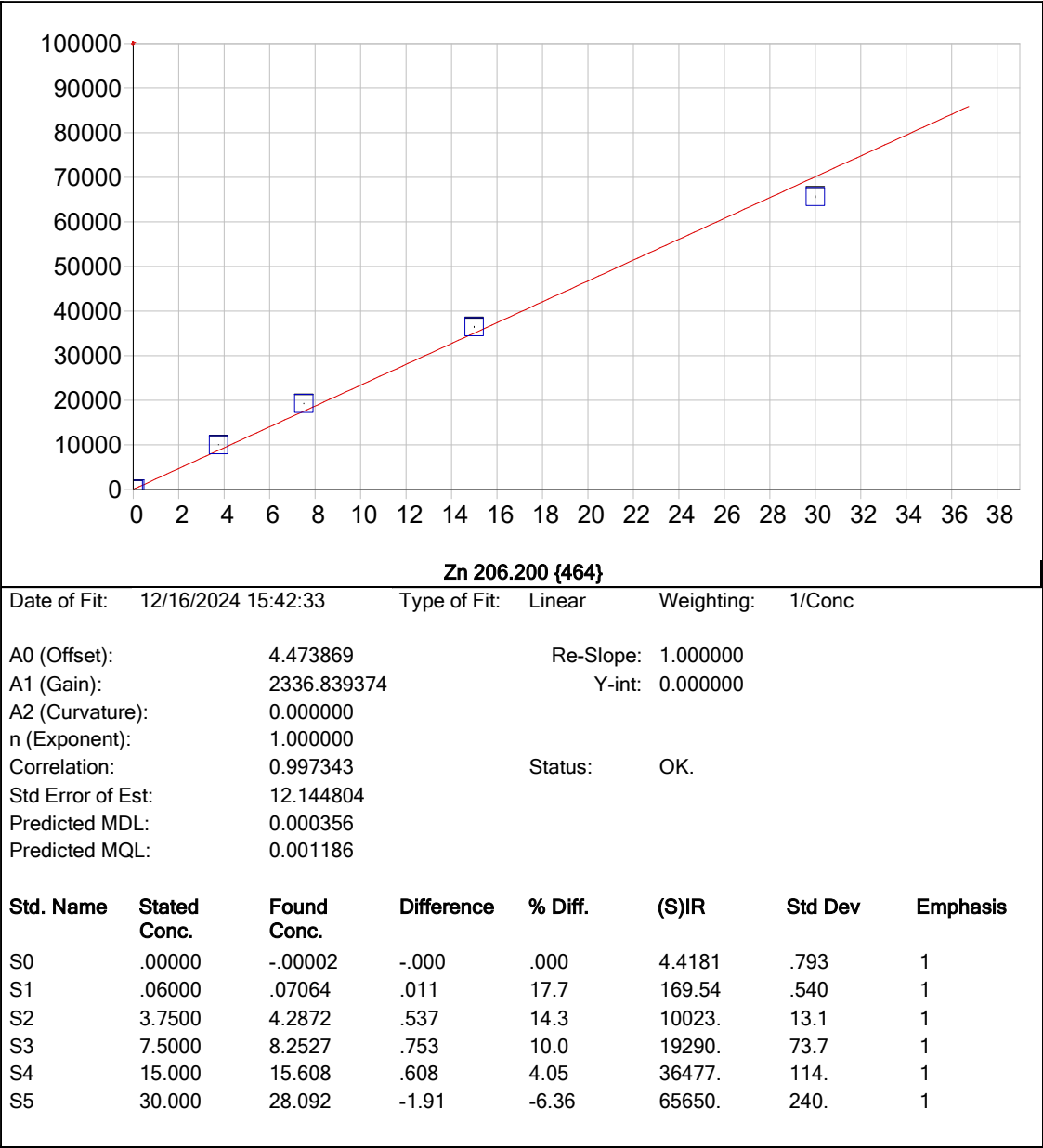


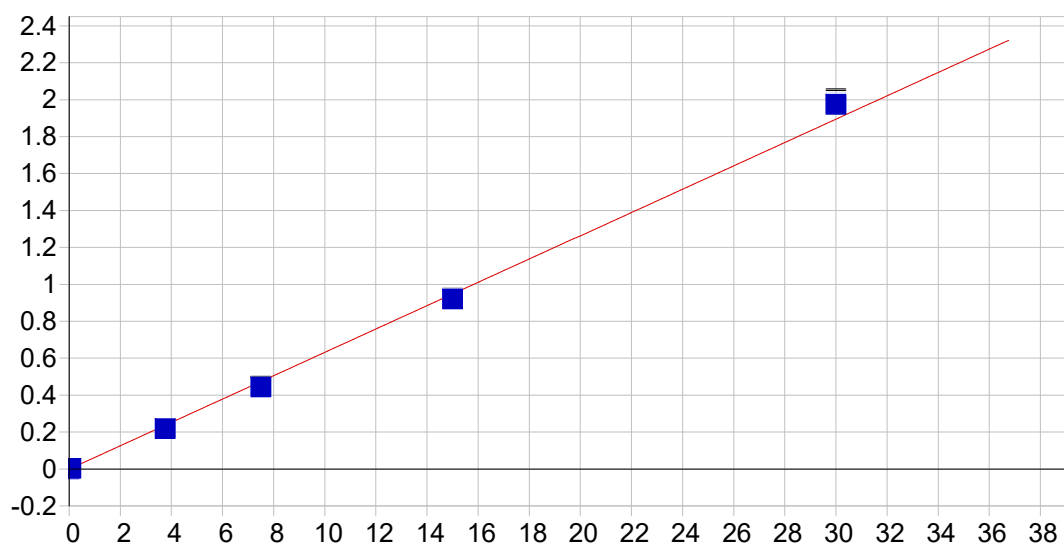
V 292.402 {115}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000  
 A1 (Gain): 0.102703 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999843 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.008630  
 Predicted MQL: 0.028767

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .05000       | .04742      | -.003      | -5.17   | .00493 | .001    | 1        |
| S2        | .62500       | .64789      | .023       | 3.66    | .06404 | .002    | 1        |
| S3        | 1.2500       | 1.2841      | .034       | 2.73    | .12682 | .001    | 1        |
| S4        | 2.5000       | 2.5084      | .008       | .338    | .24741 | .003    | 1        |
| S5        | 5.0000       | 4.9372      | -.063      | -1.26   | .48656 | .002    | 1        |



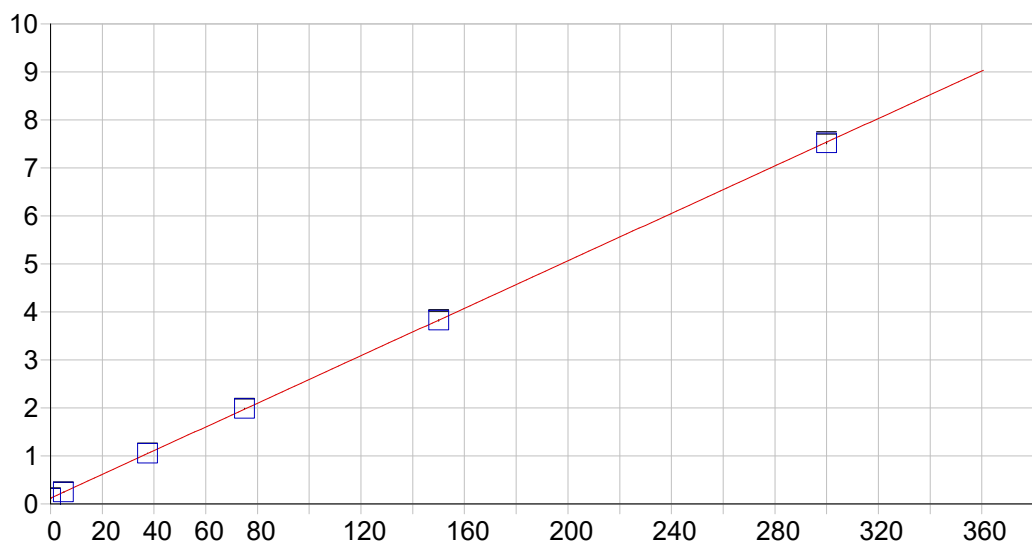


**Zn 213.856 {158}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000956 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.063207  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998952  | Status:   | OK.      |
| Std Error of Est: | 0.000207  |           |          |
| Predicted MDL:    | 0.008819  |           |          |
| Predicted MQL:    | 0.029396  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00095 | .001    | 1        |
| S1        | .06000       | .04724      | -.013      | -21.3   | .00204  | .001    | 1        |
| S2        | 3.7500       | 3.4551      | -.295      | -7.86   | .21859  | .001    | 1        |
| S3        | 7.5000       | 7.0256      | -.474      | -6.33   | .44543  | .003    | 1        |
| S4        | 15.000       | 14.554      | -.446      | -2.97   | .92363  | .002    | 1        |
| S5        | 30.000       | 31.228      | 1.23       | 4.09    | 1.9821  | .023    | 1        |

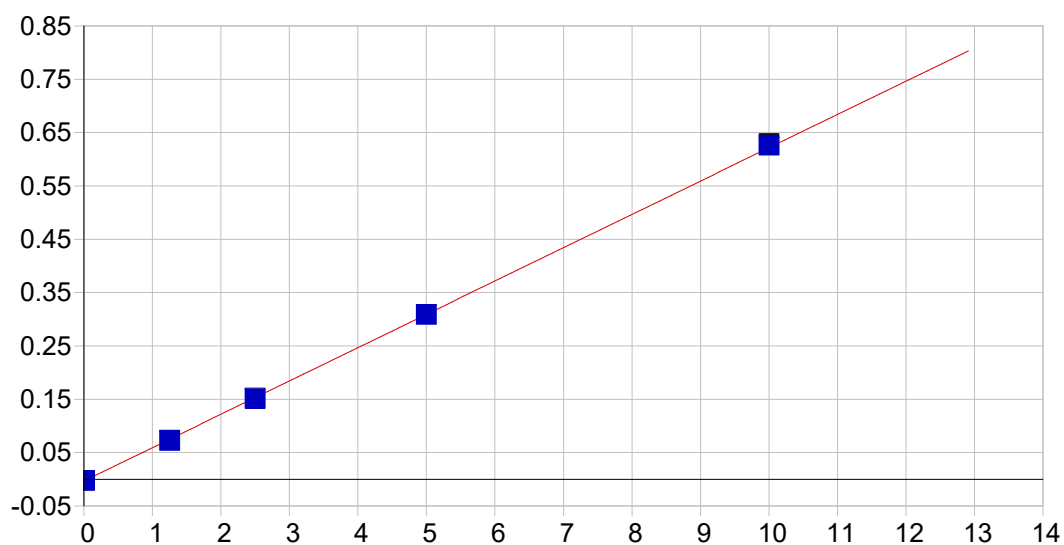


K 769.896 { 44}

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.121155 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.024716 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999994 | Status:   | OK.      |
| Std Error of Est: | 0.000180 |           |          |
| Predicted MDL:    | 0.153638 |           |          |
| Predicted MQL:    | 0.512125 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .12115 | .005    | 1        |
| S1        | 5.0000       | 4.9752      | -.025      | -.496   | .24412 | .000    | 1        |
| S2        | 37.500       | 37.787      | .287       | .766    | 1.0551 | .002    | 1        |
| S3        | 75.000       | 75.507      | .507       | .676    | 1.9874 | .004    | 1        |
| S4        | 150.00       | 149.79      | -.210      | -.140   | 3.8233 | .014    | 1        |
| S5        | 300.00       | 299.44      | -.560      | -.187   | 7.5221 | .022    | 1        |



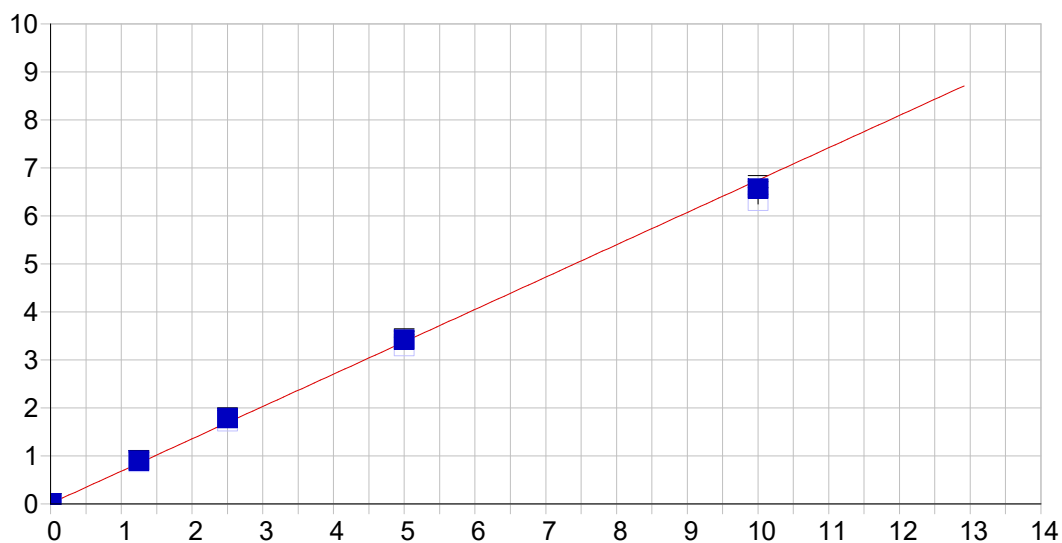
P 177.495 {490}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003165 Re-Slope: 1.000000  
 A1 (Gain): 0.062467 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999926 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.002658  
 Predicted MQL: 0.008859

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00317 | .000    | 1        |
| S1        | .01000       | .01256      | .003       | 25.6    | -.00238 | .000    | 1        |
| S2        | 1.2500       | 1.2127      | -.037      | -2.99   | .07247  | .000    | 1        |
| S3        | 2.5000       | 2.4689      | -.031      | -1.24   | .15083  | .001    | 1        |
| S4        | 5.0000       | 4.9897      | -.010      | -.206   | .30807  | .001    | 1        |
| S5        | 10.000       | 10.076      | .076       | .762    | .62535  | .003    | 1        |

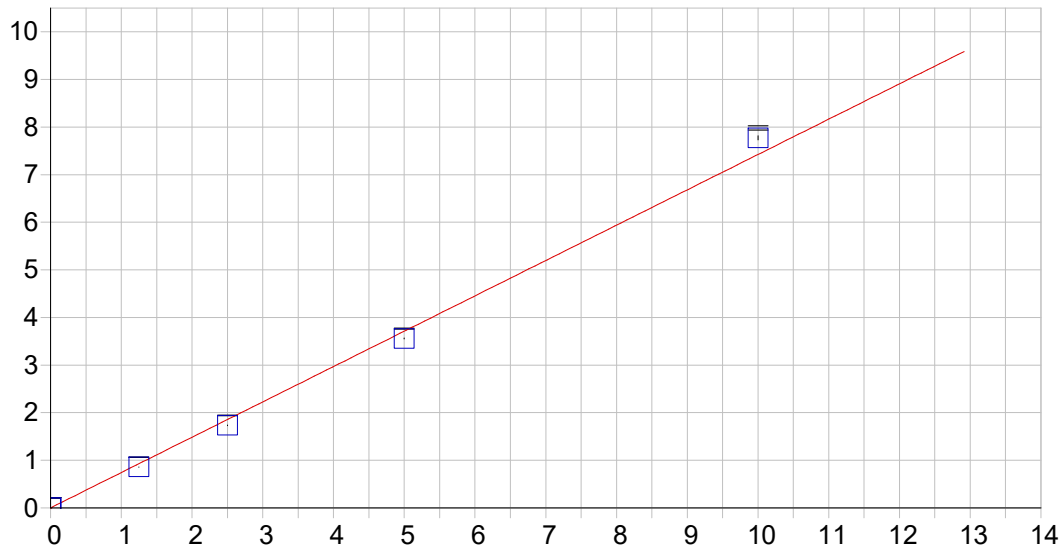




Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008400 Re-Slope: 1.000000  
 A1 (Gain): 0.673745 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998873 Status: OK.  
 Std Error of Est: 0.000516  
 Predicted MDL: 0.002151  
 Predicted MQL: 0.007169

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00841 | .001    | 1        |
| S1        | .01000       | -.00382     | -.014      | -138.   | .00579 | .001    | 1        |
| S2        | 1.2500       | 1.3265      | .076       | 6.12    | .87007 | .003    | 1        |
| S3        | 2.5000       | 2.6395      | .140       | 5.58    | 1.7227 | .009    | 1        |
| S4        | 5.0000       | 5.0606      | .061       | 1.21    | 3.2898 | .022    | 1        |
| S5        | 10.000       | 9.7377      | -.262      | -2.62   | 6.3129 | .064    | 1        |

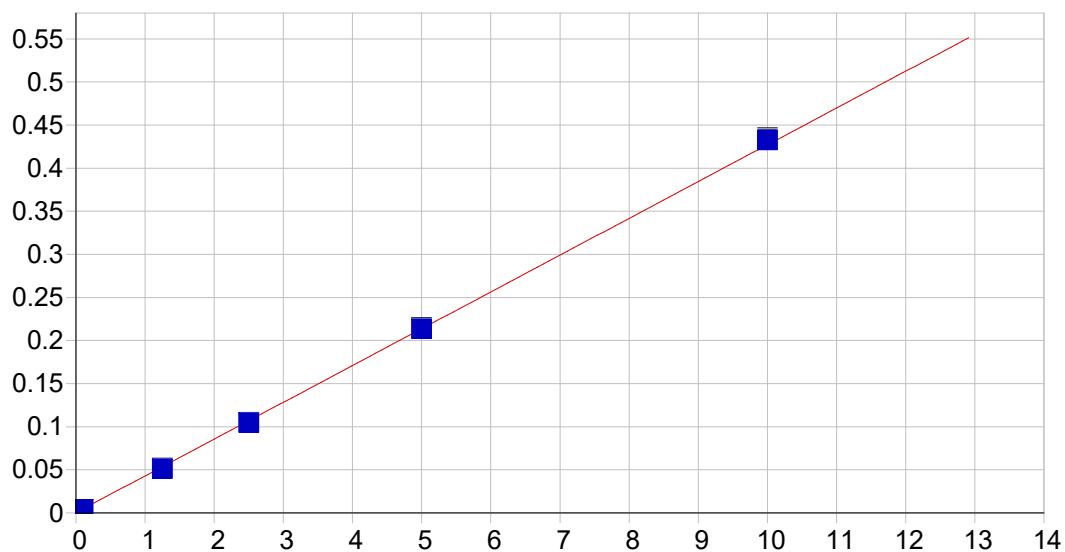


Mo 202.030 {467}

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000526 Re-Slope: 1.000000  
 A1 (Gain): 0.742366 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998686 Status: OK.  
 Std Error of Est: 0.000639  
 Predicted MDL: 0.000475  
 Predicted MQL: 0.001583

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00053 | .000    | 1        |
| S1        | .01000       | .00845      | -.002      | -15.5   | .00680 | .000    | 1        |
| S2        | 1.2500       | 1.1542      | -.096      | -7.66   | .85737 | .002    | 1        |
| S3        | 2.5000       | 2.3356      | -.164      | -6.58   | 1.7344 | .009    | 1        |
| S4        | 5.0000       | 4.7905      | -.209      | -4.19   | 3.5568 | .010    | 1        |
| S5        | 10.000       | 10.471      | .471       | 4.71    | 7.7740 | .044    | 1        |

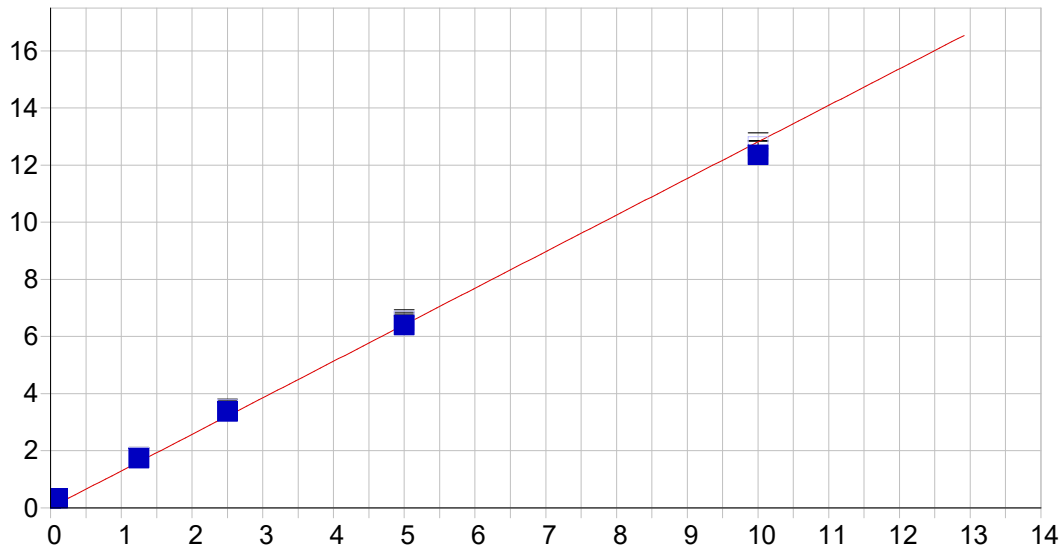


**S 182.034 {485}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000304 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.042682 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999806 | Status:   | OK.      |
| Std Error of Est: | 0.000045 |           |          |
| Predicted MDL:    | 0.004534 |           |          |
| Predicted MQL:    | 0.015113 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00031 | .000    | 1        |
| S1        | .10000       | .08511      | -.015      | -14.9   | .00394 | .000    | 1        |
| S2        | 1.2500       | 1.1965      | -.053      | -4.28   | .05155 | .000    | 1        |
| S3        | 2.5000       | 2.4446      | -.055      | -2.22   | .10499 | .000    | 1        |
| S4        | 5.0000       | 4.9958      | -.004      | -.083   | .21422 | .001    | 1        |
| S5        | 10.000       | 10.128      | .128       | 1.28    | .43395 | .001    | 1        |

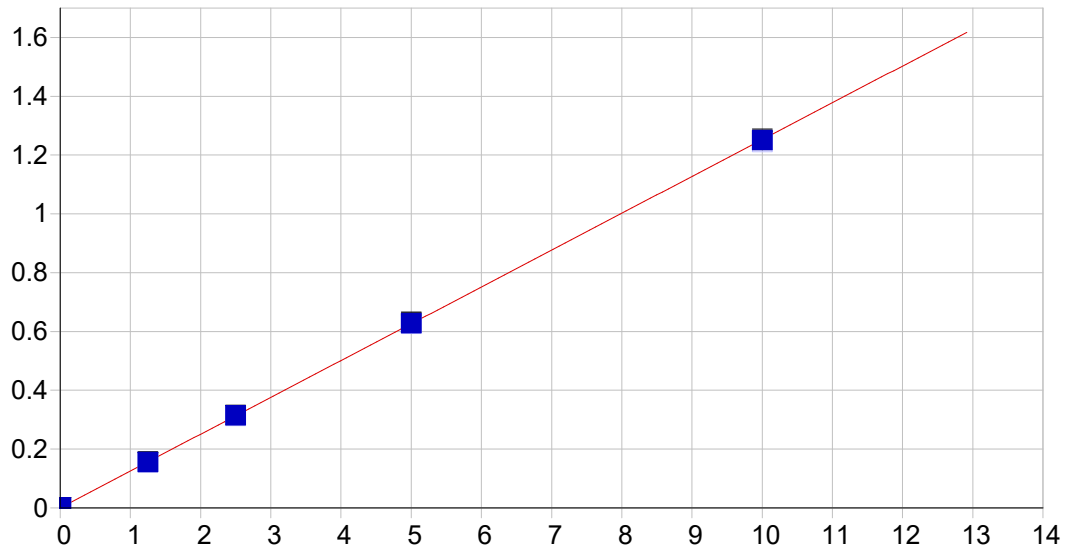


### Si 251.611 {134}

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.013437      Re-Slope: 1.000000  
 A1 (Gain): 1.279917      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.993813      Status: OK.  
 Std Error of Est: 0.007774  
 Predicted MDL: 0.001069  
 Predicted MQL: 0.003563

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00016     | -.000      | .000    | .01324 | .001    | 1        |
| S1        | .10000       | .24818      | .148       | 148.    | .33289 | .002    | 1        |
| S2        | 1.2500       | 1.3464      | .096       | 7.71    | 1.7730 | .002    | 1        |
| S3        | 2.5000       | 2.6243      | .124       | 4.97    | 3.4450 | .020    | 1        |
| S4        | 5.0000       | 4.9895      | -.011      | -.211   | 6.5448 | .039    | 1        |
| S5        | 10.000       | 9.6429      | -.357      | -3.57   | 12.646 | .137    | 1        |

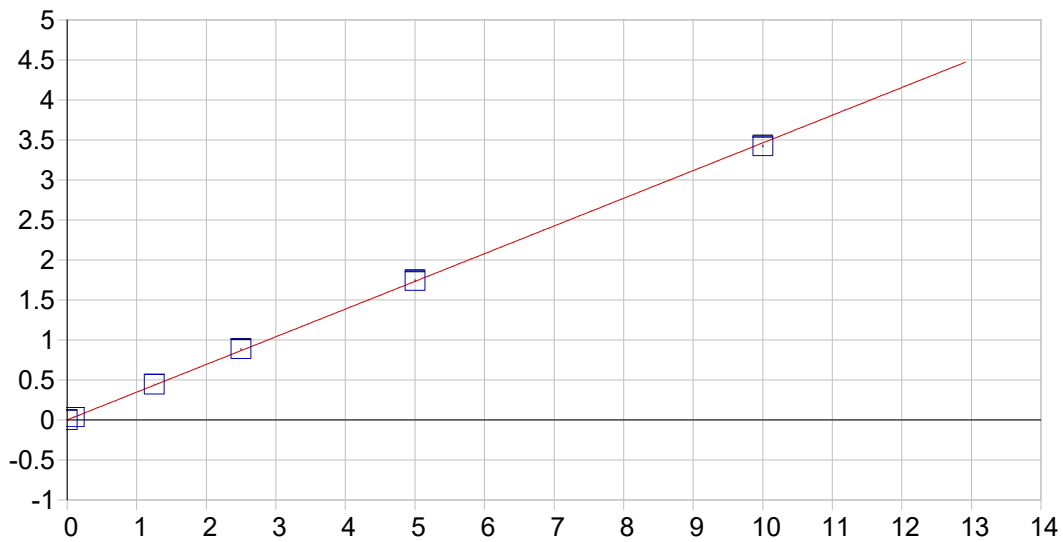


**Sn 189.989 {478}**

Date of Fit: 12/16/2024 15:42:33      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000094 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.125250 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999996 | Status:   | OK.      |
| Std Error of Est: | 0.000005 |           |          |
| Predicted MDL:    | 0.001396 |           |          |
| Predicted MQL:    | 0.004653 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .00700       | .00681      | -.000      | -2.66   | .00091 | .000    | 1        |
| S2        | 1.2500       | 1.2419      | -.008      | -.652   | .15485 | .001    | 1        |
| S3        | 2.5000       | 2.5071      | .007       | .282    | .31253 | .002    | 1        |
| S4        | 5.0000       | 5.0165      | .016       | .329    | .62527 | .004    | 1        |
| S5        | 10.000       | 9.9848      | -.015      | -.152   | 1.2444 | .004    | 1        |

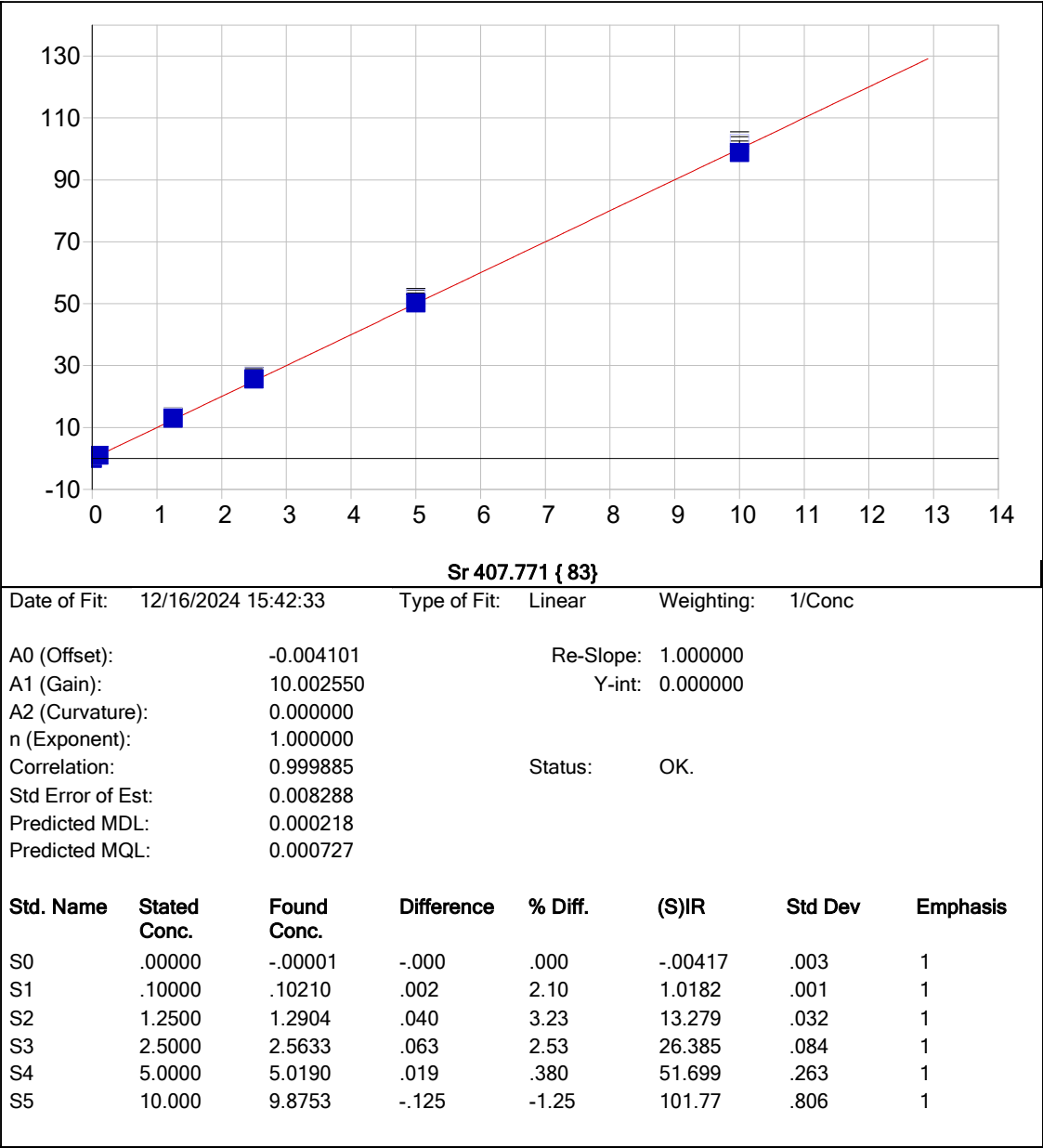


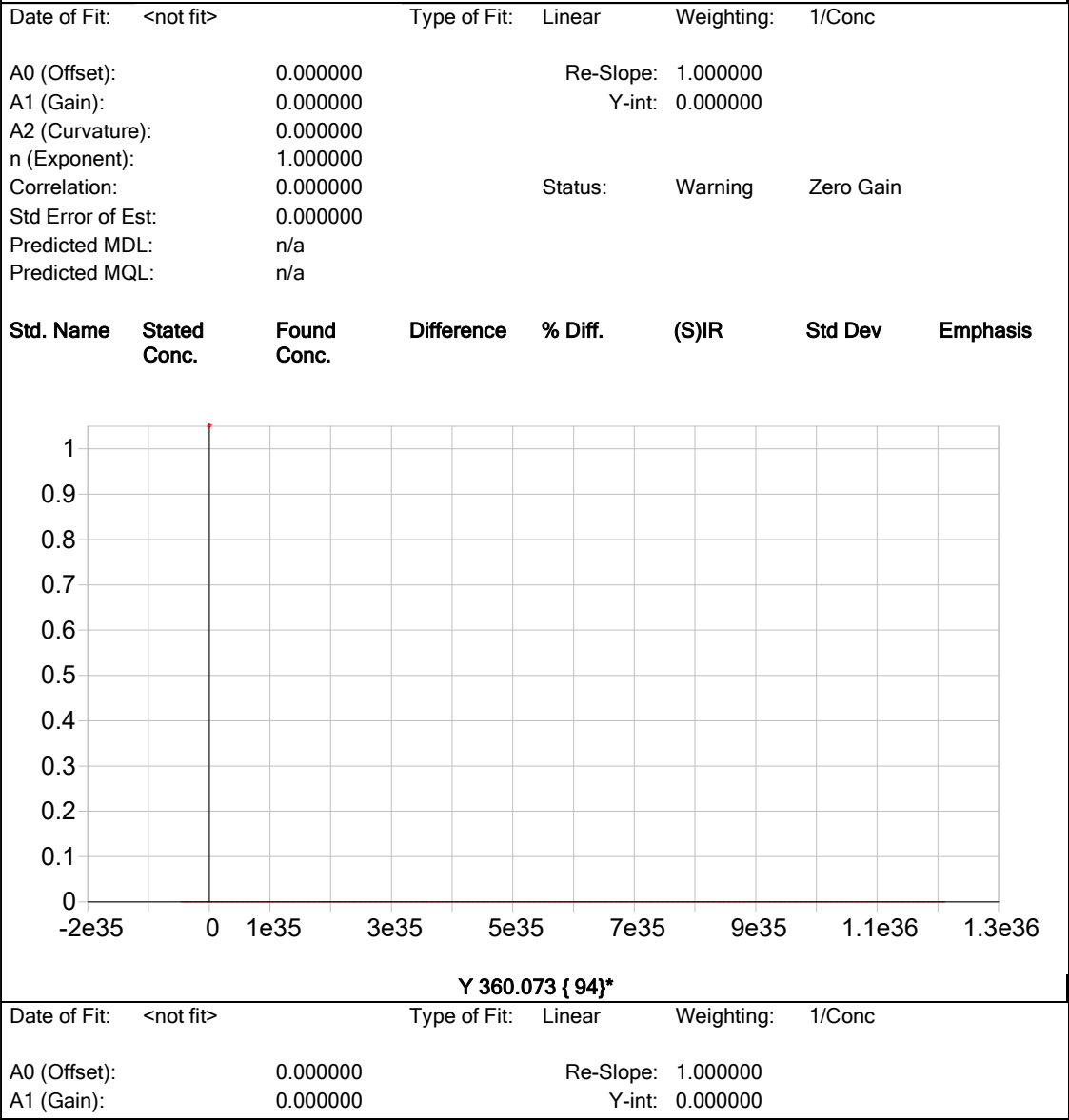
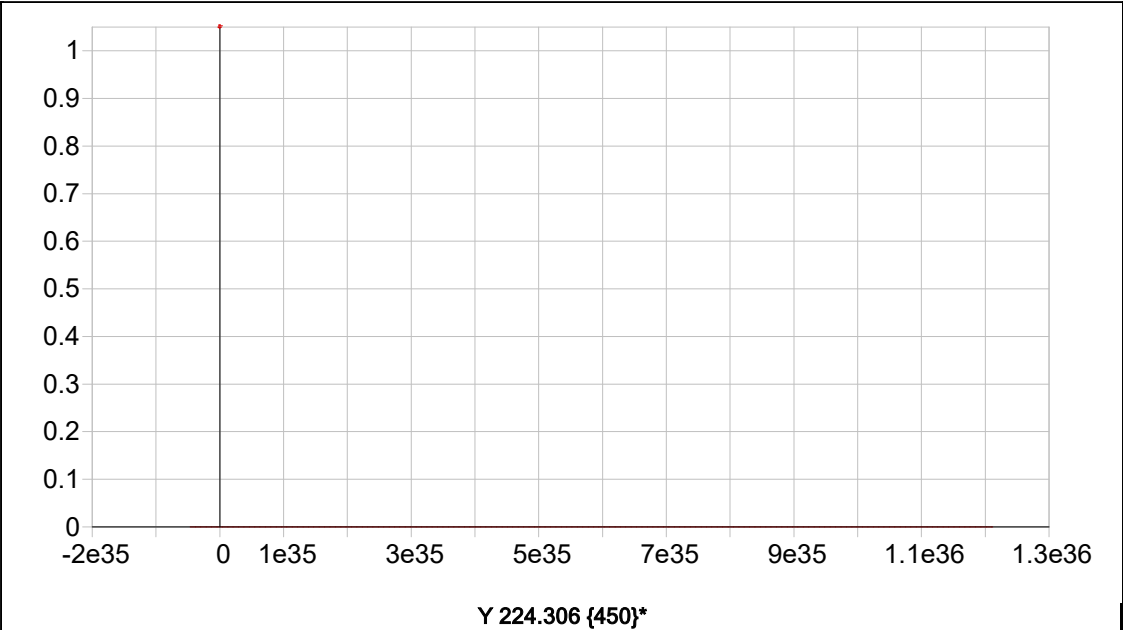
**Ti 336.121 {100}**

Date of Fit: 12/16/2024 15:42:33 Type of Fit: Linear Weighting: 1/Conc

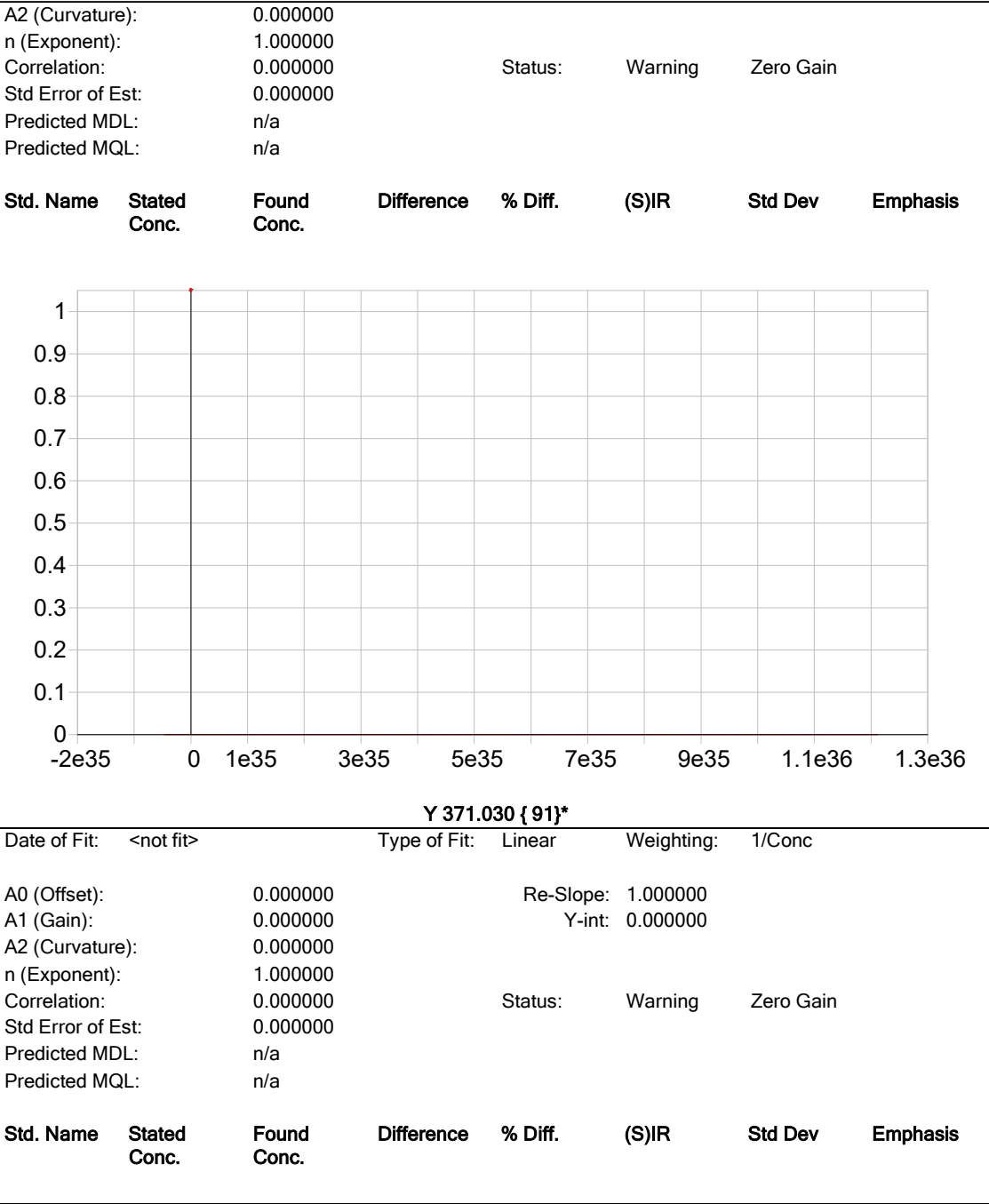
A0 (Offset): 0.001548 Re-Slope: 1.000000  
 A1 (Gain): 0.346035 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999898 Status: OK.  
 Std Error of Est: 0.000263  
 Predicted MDL: 0.003710  
 Predicted MQL: 0.012368

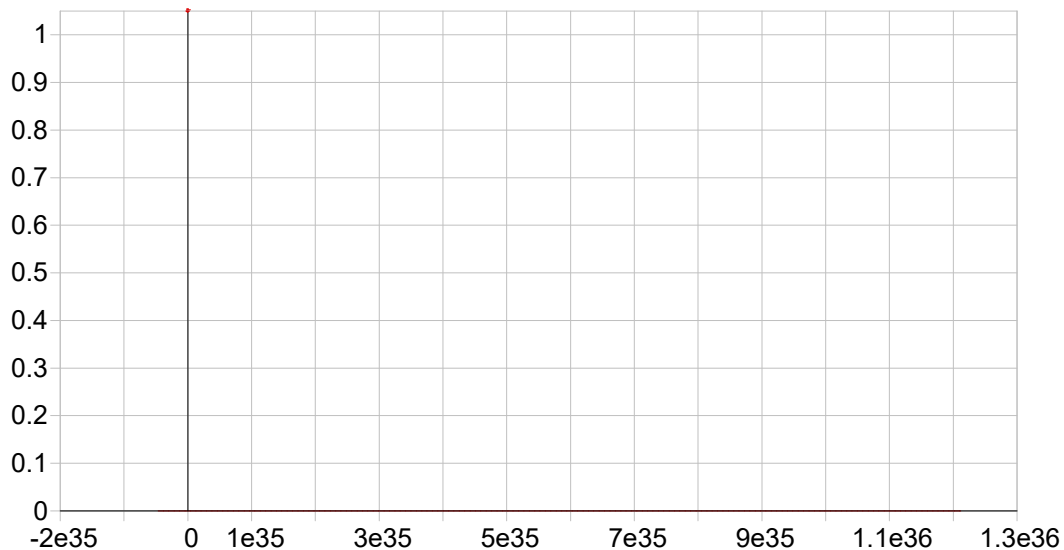
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00155 | .002    | 1        |
| S1        | .10000       | .09409      | -.006      | -5.91   | .03411 | .000    | 1        |
| S2        | 1.2500       | 1.2835      | .034       | 2.68    | .44569 | .002    | 1        |
| S3        | 2.5000       | 2.5563      | .056       | 2.25    | .88613 | .005    | 1        |
| S4        | 5.0000       | 5.0255      | .026       | .511    | 1.7406 | .011    | 1        |
| S5        | 10.000       | 9.8905      | -.110      | -1.10   | 3.4240 | .012    | 1        |







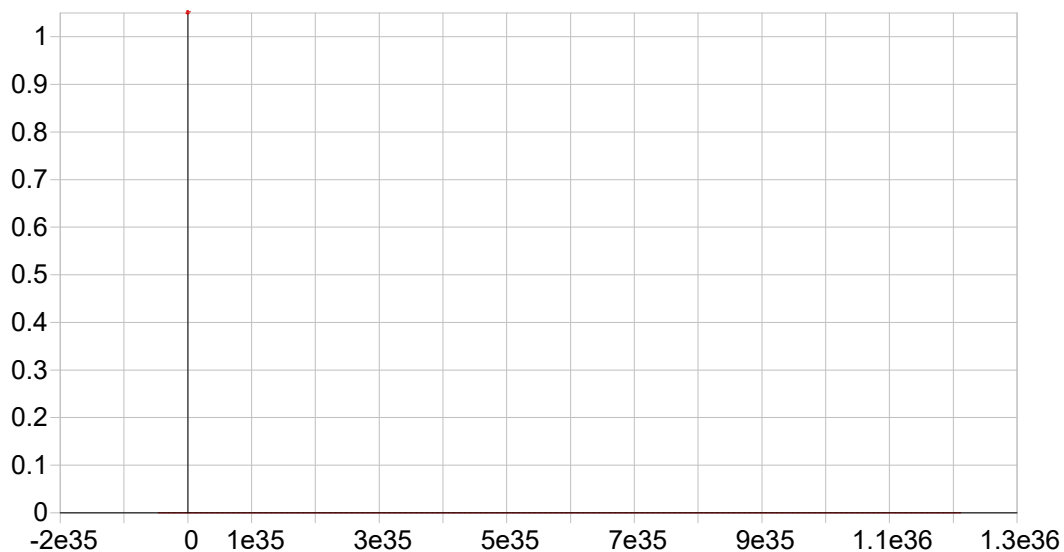




Y 224.306 {150}\*

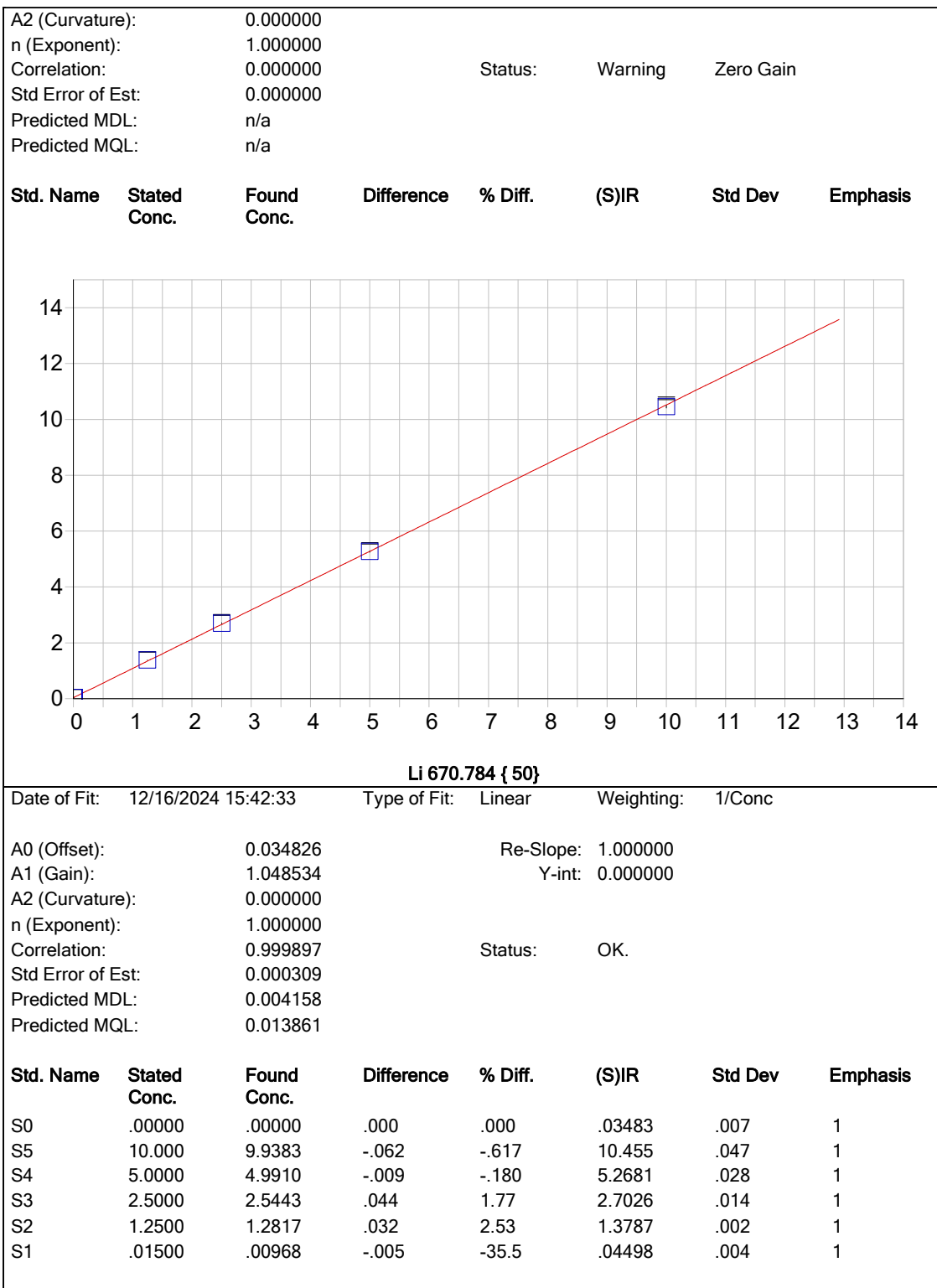
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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



In 230.606 {446}\*

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



Sample Name: S0      Acquired: 12/16/2024 15:22:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | -.08619 | -.00026 | .00001 | -.00006 | .00024 | -.00351 | .02442 | .00062 |
| Stddev | .90842  | .00021  | .00013 | .00012  | .00040 | .00142  | .00345 | .00008 |
| %RSD   | 1054.0  | 82.650  | 1105.9 | 186.83  | 166.36 | 40.371  | 14.139 | 13.641 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | -1.1191 | -.00045 | .00001  | -.00017 | .00008  | -.00458 | .02160 | .00067 |
| #2 | .27206  | -.00029 | .00014  | .00007  | -.00006 | -.00405 | .02339 | .00066 |
| #3 | .58847  | -.00003 | -.00012 | -.00009 | .00070  | -.00190 | .02828 | .00052 |

|        |        |        |         |         |        |        |         |         |
|--------|--------|--------|---------|---------|--------|--------|---------|---------|
| 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    | .00045 | .00401 | -.00002 | -.00010 | .00084 | .00026 | -.00018 | -.00103 |
| Stddev | .00020 | .00058 | .00004  | .00028  | .00072 | .00025 | .00067  | .00058  |
| %RSD   | 44.046 | 14.449 | 151.61  | 281.36  | 86.433 | 93.601 | 367.24  | 56.749  |

|    |        |        |         |         |        |        |         |         |
|----|--------|--------|---------|---------|--------|--------|---------|---------|
| #1 | .00064 | .00391 | -.00006 | .00006  | .00007 | .00054 | -.00095 | -.00102 |
| #2 | .00046 | .00463 | .00002  | -.00042 | .00151 | .00018 | .00026  | -.00162 |
| #3 | .00024 | .00348 | -.00003 | .00006  | .00093 | .00007 | .00015  | -.00045 |

|        |         |         |         |        |         |        |         |        |
|--------|---------|---------|---------|--------|---------|--------|---------|--------|
| 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    | -.00082 | -.00213 | -.01297 | .00007 | -.00095 | .12115 | -.00317 | .00841 |
| Stddev | .00035  | .00034  | .00512  | .00044 | .00064  | .00453 | .00007  | .00078 |
| %RSD   | 42.609  | 15.967  | 39.426  | 583.64 | 67.520  | 3.7379 | 2.3175  | 9.2598 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00113 | -.00225 | -.00712 | .00054  | -.00038 | .12173 | -.00322 | .00919 |
| #2 | -.00044 | -.00239 | -.01523 | -.00033 | -.00165 | .11636 | -.00320 | .00839 |
| #3 | -.00091 | -.00175 | -.01658 | .00001  | -.00084 | .12537 | -.00308 | .00764 |

|        |        |        |        |        |        |         |        |  |
|--------|--------|--------|--------|--------|--------|---------|--------|--|
| 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    | .00053 | .00031 | .01324 | .00009 | .00155 | -.00417 | .03483 |  |
| Stddev | .00003 | .00009 | .00140 | .00005 | .00179 | .00287  | .00668 |  |
| %RSD   | 6.0860 | 31.072 | 10.608 | 52.780 | 115.30 | 68.803  | 19.181 |  |

|    |        |        |        |        |         |         |        |  |
|----|--------|--------|--------|--------|---------|---------|--------|--|
| #1 | .00049 | .00036 | .01441 | .00006 | .00195  | -.00729 | .03736 |  |
| #2 | .00055 | .00020 | .01362 | .00015 | -.00040 | -.00164 | .03988 |  |
| #3 | .00054 | .00036 | .01168 | .00007 | .00310  | -.00359 | .02725 |  |

Sample Name: S0      Acquired: 12/16/2024 15:22:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | ln2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2017.8 | 24789. | 2403.8 | 1728.5 | 2687.1 |
| Stddev    | 27.6   | 22.    | 8.9    | 3.9    | 39.1   |
| %RSD      | 1.3654 | .08908 | .37131 | .22612 | 1.4560 |
| #1        | 2042.0 | 24772. | 2394.3 | 1724.9 | 2722.7 |
| #2        | 2023.7 | 24782. | 2412.0 | 1727.9 | 2693.4 |
| #3        | 1987.8 | 24814. | 2405.2 | 1732.7 | 2645.3 |

Sample Name: S1      Acquired: 12/16/2024 15:27:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | 1.2809 | .00183 | .00175 | .00168 | .00886 | .01814 | .84896 | .05228 |
| Stddev | .5226  | .00002 | .00062 | .00006 | .00018 | .00334 | .00243 | .00148 |
| %RSD   | 40.800 | 1.3391 | 35.200 | 3.2831 | 2.0882 | 18.396 | .28624 | 2.8250 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8844 | .00186 | .00109 | .00167 | .00903 | .01438 | .84616 | .05069 |
| #2 | .97997 | .00181 | .00186 | .00174 | .00866 | .01927 | .85052 | .05253 |
| #3 | .97842 | .00182 | .00230 | .00164 | .00888 | .02077 | .85020 | .05361 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01596 | .23901 | .00238 | .04340 | .00424 | .00216 | .00574 | .06124 |
| Stddev | .00030 | .00305 | .00038 | .00052 | .00137 | .00097 | .00038 | .00045 |
| %RSD   | 1.8921 | 1.2743 | 15.858 | 1.2030 | 32.201 | 45.042 | 6.5968 | .73972 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01561 | .24092 | .00281 | .04288 | .00455 | .00308 | .00549 | .06173 |
| #2 | .01618 | .24061 | .00218 | .04340 | .00543 | .00114 | .00618 | .06115 |
| #3 | .01608 | .23550 | .00214 | .04392 | .00275 | .00227 | .00556 | .06084 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .02089 | -.00000 | .01785 | .00493 | .00204 | .24412 | -.00238 | .00579 |
| Stddev | .00016 | .00012  | .00247 | .00058 | .00052 | .00030 | .00004  | .00087 |
| %RSD   | .78071 | 13312.  | 13.845 | 11.807 | 25.265 | .12320 | 1.7632  | 14.940 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .02107 | -.00014 | .01944 | .00503 | .00234 | .24442 | -.00241 | .00679 |
| #2 | .02076 | .00005  | .01910 | .00546 | .00145 | .24412 | -.00233 | .00532 |
| #3 | .02085 | .00008  | .01500 | .00430 | .00234 | .24382 | -.00239 | .00526 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .00680 | .00394 | .33289 | .00091 | .03411 | 1.0182 | .04498 |  |
| Stddev | .00036 | .00011 | .00222 | .00011 | .00041 | .0010  | .00375 |  |
| %RSD   | 5.2864 | 2.8314 | .66730 | 12.615 | 1.1883 | .10000 | 8.3459 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00671 | .00381 | .33046 | .00104 | .03409 | 1.0189 | .04350 |  |
| #2 | .00649 | .00402 | .33482 | .00084 | .03371 | 1.0170 | .04925 |  |
| #3 | .00719 | .00398 | .33339 | .00085 | .03452 | 1.0186 | .04219 |  |

Sample Name: S1      Acquired: 12/16/2024 15:27:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | ln2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2006.0 | 24307. | 2384.8 | 1701.5 | 2679.9 |
| Stddev    | 18.7   | 544.   | 12.0   | 41.7   | 25.0   |
| %RSD      | .93339 | 2.2369 | .50281 | 2.4505 | .93392 |
| #1        | 2016.4 | 23683. | 2371.0 | 1653.5 | 2693.3 |
| #2        | 2017.2 | 24679. | 2390.8 | 1728.5 | 2695.5 |
| #3        | 1984.4 | 24559. | 2392.6 | 1722.6 | 2651.1 |

Sample Name: S2      Acquired: 12/16/2024 15:31:12      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | Cd2144 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 193.49 | .10025 | 1.3320 | .07965 | .20442 | 4.2439 | 10.649 | 1.3965 | 2.1256 |
| Stddev | .91    | .00066 | .0063  | .00005 | .00098 | .0049  | .036   | .0018  | .0085  |
| %RSD   | .47229 | .66166 | .46899 | .06176 | .47789 | .11463 | .34050 | .12875 | .40157 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 192.88 | .10080 | 1.3315 | .07960 | .20435 | 4.2475 | 10.672 | 1.3957 | 2.1276 |
| #2 | 194.55 | .09951 | 1.3260 | .07966 | .20348 | 4.2384 | 10.607 | 1.3952 | 2.1162 |
| #3 | 193.06 | .10043 | 1.3385 | .07970 | .20543 | 4.2459 | 10.668 | 1.3985 | 2.1329 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.1378 | .97333 | .57240 | .48019 | .85221 | 1.5105 | .80141 | .35204 | .08141 |
| Stddev | .0155  | .00409 | .00279 | .00130 | .00255 | .0036  | .00287 | .00068 | .00017 |
| %RSD   | .49252 | .42042 | .48753 | .27051 | .29867 | .24028 | .35827 | .19310 | .21198 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1436 | .97691 | .57305 | .48156 | .85407 | 1.5139 | .80437 | .35227 | .08121 |
| #2 | 3.1202 | .97422 | .56934 | .48003 | .84931 | 1.5067 | .79864 | .35127 | .08148 |
| #3 | 3.1494 | .96887 | .57481 | .47898 | .85324 | 1.5109 | .80123 | .35257 | .08154 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .27587 | .06404 | .21859 | 1.0551 | .07247 | .87007 | .85737 | .05155 | 1.7730 |
| Stddev | .00574 | .00189 | .00131 | .0019  | .00036 | .00277 | .00224 | .00032 | .0023  |
| %RSD   | 2.0795 | 2.9442 | .59771 | .18425 | .49174 | .31781 | .26075 | .62966 | .12871 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27237 | .06493 | .22010 | 1.0573 | .07271 | .86783 | .85753 | .05177 | 1.7724 |
| #2 | .28249 | .06188 | .21788 | 1.0538 | .07206 | .86922 | .85506 | .05117 | 1.7711 |
| #3 | .27276 | .06532 | .21779 | 1.0542 | .07265 | .87316 | .85952 | .05169 | 1.7756 |

|        |        |        |        |        |  |  |  |  |  |
|--------|--------|--------|--------|--------|--|--|--|--|--|
| Elem   | Sn1899 | Ti3361 | Sr4077 | Li6707 |  |  |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |  |  |  |  |
| Avg    | .15485 | .44569 | 13.279 | 1.3787 |  |  |  |  |  |
| Stddev | .00103 | .00202 | .032   | .0022  |  |  |  |  |  |
| %RSD   | .66353 | .45384 | .23779 | .15670 |  |  |  |  |  |

|    |        |        |        |        |  |  |  |  |  |
|----|--------|--------|--------|--------|--|--|--|--|--|
| #1 | .15495 | .44632 | 13.304 | 1.3812 |  |  |  |  |  |
| #2 | .15378 | .44343 | 13.243 | 1.3774 |  |  |  |  |  |
| #3 | .15583 | .44733 | 13.288 | 1.3775 |  |  |  |  |  |



Sample Name: S2      Acquired: 12/16/2024 15:31:12      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | ln2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1909.5 | 23856. | 2355.6 | 1630.4 | 2457.1 |
| Stddev    | 8.3    | 70.    | 4.3    | 6.2    | 11.8   |
| %RSD      | .43580 | .29152 | .18404 | .38229 | .47947 |
| #1        | 1906.7 | 23853. | 2354.6 | 1623.2 | 2452.4 |
| #2        | 1918.8 | 23788. | 2351.9 | 1633.2 | 2470.5 |
| #3        | 1902.9 | 23927. | 2360.3 | 1634.7 | 2448.3 |

Sample Name: S3      Acquired: 12/16/2024 15:35:04      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | Cd2144 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 380.86 | .19872 | 2.6684 | .16062 | .41364 | 8.4114 | 21.165 | 2.7475 | 4.2544 |
| Stddev | 1.36   | .00197 | .0127  | .00106 | .00159 | .0278  | .068   | .0228  | .0211  |
| %RSD   | .35643 | .99059 | .47488 | .66187 | .38435 | .33088 | .32245 | .83134 | .49717 |
| #1     | 381.45 | .19659 | 2.6575 | .15999 | .41357 | 8.3919 | 21.153 | 2.7398 | 4.2336 |
| #2     | 379.31 | .19912 | 2.6653 | .16001 | .41209 | 8.4433 | 21.239 | 2.7732 | 4.2538 |
| #3     | 381.82 | .20046 | 2.6823 | .16184 | .41527 | 8.3991 | 21.104 | 2.7296 | 4.2759 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 6.1871 | 1.9158 | 1.1350 | .94515 | 1.6852 | 2.9821 | 1.5755 | .70596 | .16425 |
| Stddev | .0181  | .0115  | .0049  | .00284 | .0042  | .0127  | .0039  | .00353 | .00149 |
| %RSD   | .29217 | .59888 | .43523 | .30099 | .24713 | .42485 | .24669 | .49936 | .90499 |
| #1     | 6.1803 | 1.9063 | 1.1307 | .94263 | 1.6852 | 2.9849 | 1.5795 | .70244 | .16332 |
| #2     | 6.2075 | 1.9285 | 1.1341 | .94823 | 1.6894 | 2.9931 | 1.5753 | .70594 | .16596 |
| #3     | 6.1733 | 1.9125 | 1.1404 | .94458 | 1.6811 | 2.9682 | 1.5717 | .70949 | .16346 |
| Elem   | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .56226 | .12682 | .44543 | 1.9874 | .15083 | 1.7227 | 1.7344 | .10499 | 3.4450 |
| Stddev | .00715 | .00071 | .00253 | .0043  | .00100 | .0095  | .0093  | .00025 | .0196  |
| %RSD   | 1.2719 | .55972 | .56748 | .21561 | .66258 | .54894 | .53744 | .23443 | .56862 |
| #1     | .56368 | .12702 | .44260 | 1.9863 | .15016 | 1.7192 | 1.7265 | .10470 | 3.4255 |
| #2     | .56860 | .12740 | .44623 | 1.9921 | .15035 | 1.7334 | 1.7320 | .10514 | 3.4646 |
| #3     | .55451 | .12603 | .44746 | 1.9837 | .15198 | 1.7156 | 1.7446 | .10512 | 3.4448 |
| Elem   | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |        |        |        |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |        |        |        |        |
| Avg    | .31253 | .88613 | 26.385 | 2.7026 |        |        |        |        |        |
| Stddev | .00182 | .00477 | .084   | .0140  |        |        |        |        |        |
| %RSD   | .58216 | .53882 | .31936 | .51937 |        |        |        |        |        |
| #1     | .31078 | .88694 | 26.375 | 2.6958 |        |        |        |        |        |
| #2     | .31241 | .89045 | 26.474 | 2.7188 |        |        |        |        |        |
| #3     | .31441 | .88101 | 26.307 | 2.6934 |        |        |        |        |        |

Sample Name: S3      Acquired: 12/16/2024 15:35:04      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 1835.9 | 23708. | 2356.7 | 1591.7 | 2366.2 |
| Stddev    | 5.9    | 95.    | 9.6    | 9.4    | 9.1    |
| %RSD      | .32038 | .39976 | .40673 | .59054 | .38620 |
| #1        | 1842.6 | 23812. | 2360.9 | 1600.9 | 2376.5 |
| #2        | 1831.5 | 23627. | 2345.8 | 1582.1 | 2359.1 |
| #3        | 1833.7 | 23686. | 2363.6 | 1592.1 | 2363.1 |

Sample Name: S4      Acquired: 12/16/2024 15:38:51      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | Cd2144 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 739.93 | .38985 | 5.3219 | .32614 | .84936 | 16.510 | 41.592 | 5.2632 | 8.4070 |
| Stddev | 1.84   | .00271 | .0246  | .00171 | .00253 | .067   | .227   | .0315  | .0353  |
| %RSD   | .24886 | .69626 | .46164 | .52556 | .29742 | .40473 | .54570 | .59920 | .41957 |
| #1     | 739.09 | .38998 | 5.3258 | .32688 | .85053 | 16.444 | 41.394 | 5.2336 | 8.4166 |
| #2     | 742.04 | .38708 | 5.2956 | .32418 | .84646 | 16.507 | 41.543 | 5.2598 | 8.3680 |
| #3     | 738.65 | .39250 | 5.3442 | .32736 | .85108 | 16.578 | 41.840 | 5.2964 | 8.4365 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 12.025 | 3.7473 | 2.2180 | 1.8457 | 3.2680 | 5.7561 | 3.0685 | 1.3914 | .32928 |
| Stddev | .015   | .0084  | .0087  | .0053  | .0113  | .0323  | .0095  | .0041  | .00171 |
| %RSD   | .12303 | .22456 | .39279 | .28985 | .34492 | .56139 | .30859 | .29545 | .51953 |
| #1     | 12.015 | 3.7401 | 2.2210 | 1.8419 | 3.2650 | 5.7315 | 3.0604 | 1.3929 | .32735 |
| #2     | 12.019 | 3.7566 | 2.2082 | 1.8434 | 3.2586 | 5.7441 | 3.0664 | 1.3868 | .33059 |
| #3     | 12.042 | 3.7452 | 2.2248 | 1.8518 | 3.2805 | 5.7927 | 3.0789 | 1.3946 | .32991 |
| Elem   | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.1028 | .24741 | .92363 | 3.8233 | .30807 | 3.2898 | 3.5568 | .21422 | 6.5448 |
| Stddev | .0086  | .00259 | .00174 | .0145  | .00054 | .0222  | .0102  | .00068 | .0393  |
| %RSD   | .78161 | 1.0477 | .18806 | .37914 | .17676 | .67462 | .28773 | .31609 | .60064 |
| #1     | 1.0982 | .24518 | .92421 | 3.8093 | .30859 | 3.2754 | 3.5579 | .21433 | 6.5238 |
| #2     | 1.0975 | .24679 | .92167 | 3.8226 | .30750 | 3.2787 | 3.5461 | .21350 | 6.5205 |
| #3     | 1.1128 | .25026 | .92500 | 3.8382 | .30811 | 3.3154 | 3.5665 | .21484 | 6.5902 |
| Elem   | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |        |        |        |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |        |        |        |        |
| Avg    | .62527 | 1.7406 | 51.699 | 5.2681 |        |        |        |        |        |
| Stddev | .00354 | .0115  | .263   | .0277  |        |        |        |        |        |
| %RSD   | .56688 | .65929 | .50829 | .52565 |        |        |        |        |        |
| #1     | .62514 | 1.7295 | 51.453 | 5.2482 |        |        |        |        |        |
| #2     | .62179 | 1.7398 | 51.669 | 5.2563 |        |        |        |        |        |
| #3     | .62887 | 1.7524 | 51.976 | 5.2997 |        |        |        |        |        |

Sample Name: S4      Acquired: 12/16/2024 15:38:51      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 1728.8 | 23161. | 2376.3 | 1499.5 | 2280.6 |
| Stddev    | 9.4    | 62.    | 10.7   | 5.1    | 15.2   |
| %RSD      | .54446 | .26799 | .45174 | .34212 | .66477 |
| #1        | 1721.9 | 23182. | 2386.8 | 1493.9 | 2271.6 |
| #2        | 1739.6 | 23091. | 2376.8 | 1504.0 | 2298.1 |
| #3        | 1725.0 | 23209. | 2365.4 | 1500.5 | 2272.0 |

Sample Name: S5      Acquired: 12/16/2024 15:42:36      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | Cd2144 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1387.3 | .76251 | 10.632 | .69972 | 1.8753 | 32.929 | 82.357 | 10.246 | 16.561 |
| Stddev | 5.5    | .00240 | .042   | .00403 | .0117  | .084   | .231   | .077   | .063   |
| %RSD   | .39317 | .31473 | .39306 | .57529 | .62345 | .25582 | .28047 | .75536 | .38309 |
| #1     | 1386.2 | .76011 | 10.617 | .69663 | 1.8634 | 32.870 | 82.123 | 10.281 | 16.544 |
| #2     | 1382.6 | .76252 | 10.600 | .69825 | 1.8756 | 33.025 | 82.585 | 10.300 | 16.508 |
| #3     | 1393.3 | .76491 | 10.679 | .70427 | 1.8868 | 32.891 | 82.364 | 10.158 | 16.631 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 23.619 | 7.2546 | 4.3817 | 3.6268 | 6.3590 | 11.213 | 6.0296 | 2.7547 | .65803 |
| Stddev | .055   | .0237  | .0200  | .0092  | .0220  | .039   | .0279  | .0097  | .00106 |
| %RSD   | .23224 | .32698 | .45587 | .25420 | .34637 | .35111 | .46299 | .35245 | .16065 |
| #1     | 23.566 | 7.2498 | 4.3759 | 3.6168 | 6.3375 | 11.184 | 6.0186 | 2.7522 | .65843 |
| #2     | 23.675 | 7.2336 | 4.3653 | 3.6350 | 6.3815 | 11.258 | 6.0614 | 2.7465 | .65682 |
| #3     | 23.616 | 7.2804 | 4.4040 | 3.6287 | 6.3581 | 11.197 | 6.0089 | 2.7654 | .65882 |
| Elem   | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.2094 | .48656 | 1.9821 | 7.5221 | .62535 | 6.3129 | 7.7740 | .43395 | 12.646 |
| Stddev | .0168  | .00238 | .0228  | .0222  | .00270 | .0643  | .0435  | .00117 | .137   |
| %RSD   | .76026 | .48967 | 1.1491 | .29488 | .43160 | 1.0189 | .55971 | .26927 | 1.0838 |
| #1     | 2.1975 | .48454 | 1.9574 | 7.5029 | .62493 | 6.3353 | 7.7296 | .43354 | 12.705 |
| #2     | 2.2286 | .48919 | 1.9866 | 7.5463 | .62289 | 6.3631 | 7.7761 | .43304 | 12.743 |
| #3     | 2.2022 | .48595 | 2.0023 | 7.5170 | .62824 | 6.2404 | 7.8165 | .43527 | 12.489 |
| Elem   | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |        |        |        |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |        |        |        |        |
| Avg    | 1.2444 | 3.4240 | 101.77 | 10.455 |        |        |        |        |        |
| Stddev | .0040  | .0119  | .81    | .047   |        |        |        |        |        |
| %RSD   | .32200 | .34729 | .79192 | .44975 |        |        |        |        |        |
| #1     | 1.2427 | 3.4110 | 102.21 | 10.401 |        |        |        |        |        |
| #2     | 1.2416 | 3.4342 | 102.27 | 10.482 |        |        |        |        |        |
| #3     | 1.2490 | 3.4268 | 100.84 | 10.484 |        |        |        |        |        |

Sample Name: S5      Acquired: 12/16/2024 15:42:36      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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 | ln2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1471.7 | 22207. | 2316.1 | 1325.0 | 2105.8 |
| Stddev    | 3.8    | 93.    | 12.7   | 8.6    | 1.6    |
| %RSD      | .25771 | .41992 | .54783 | .65029 | .07666 |
| #1        | 1476.0 | 22171. | 2308.8 | 1334.2 | 2105.1 |
| #2        | 1468.8 | 22314. | 2308.9 | 1323.8 | 2107.6 |
| #3        | 1470.4 | 22138. | 2330.8 | 1317.1 | 2104.6 |

Sample Name: S6      Acquired: 12/16/2024 15:46:29      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | 88.557 | 38.712 | 16.959 | 9.8233 | 6.1362 |
| Stddev | .303   | .160   | .060   | .0390  | .0201  |
| %RSD   | .34216 | .41243 | .35168 | .39740 | .32799 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 88.321 | 38.639 | 16.916 | 9.7958 | 6.1162 |
| #2 | 88.898 | 38.895 | 17.027 | 9.8680 | 6.1564 |
| #3 | 88.451 | 38.602 | 16.934 | 9.8062 | 6.1361 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 2268.4 |
| Stddev    | 4.3    |
| %RSD      | .18754 |

|    |        |
|----|--------|
| #1 | 2272.3 |
| #2 | 2269.2 |
| #3 | 2263.8 |



Sample Name: ICV005      Acquired: 12/16/2024 16:19:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICV005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.077193 | 1.031897 | .9909686 | .9628614 | .9022472 | 2.460715 |
| Stddev | .001498  | .013957  | .0106375 | .0151874 | .0135764 | .021843  |
| %RSD   | .1390647 | 1.352603 | 1.073441 | 1.577320 | 1.504733 | .8876758 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.075920 | 1.016292 | .9796208 | .9453814 | .8869393 | 2.482096 |
| #2 | 1.076815 | 1.036213 | .9925712 | .9703785 | .9069735 | 2.461612 |
| #3 | 1.078844 | 1.043187 | 1.000714 | .9728241 | .9128287 | 2.438438 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5314460 | .5356592 | .5112026 | 10.45375 | .5582670 | .5159210 |
| Stddev | .0008334 | .0020749 | .0064370 | .05898   | .0016558 | .0068033 |
| %RSD   | .1568181 | .3873622 | 1.259188 | .5641774 | .2965930 | 1.318676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5321533 | .5376119 | .5039584 | 10.50086 | .5593035 | .5082454 |
| #2 | .5305272 | .5358854 | .5133839 | 10.47278 | .5563574 | .5183098 |
| #3 | .5316574 | .5334805 | .5162656 | 10.38761 | .5591402 | .5212078 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5098462 | 10.61795 | .5386870 | 6.278462 | .5233312 | .2448548 |
| Stddev | .0074344 | .03204   | .0025549 | .104221  | .0072730 | .0011205 |
| %RSD   | 1.458157 | .3017306 | .4742831 | 1.659984 | 1.389746 | .4576135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5058334 | 10.63263 | .5416046 | 6.360567 | .5152726 | .2447934 |
| #2 | .5052806 | 10.64002 | .5368497 | 6.313607 | .5253134 | .2437662 |
| #3 | .5184248 | 10.58121 | .5376068 | 6.161211 | .5294076 | .2460047 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.967473 | .5272610 | .9100512 | 9.589929 | F .0033530 | F -.007772 |
| Stddev | .325861  | .0026678 | .0073091 | .079811  | .0011726   | .002188    |
| %RSD   | 3.269241 | .5059689 | .8031538 | .8322420 | 34.97125   | 28.15240   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.14598 | .5297487 | .9176646 | 9.676165 | .0041671 | -.005247 |
| #2 | 9.59136  | .5244437 | .9093989 | 9.518662 | .0020090 | -.009109 |
| #3 | 10.16508 | .5275907 | .9030901 | 9.574959 | .0038829 | -.008960 |

Sample Name: ICV005      Acquired: 12/16/2024 16:19:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICV005      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000219 | F .0058639 | F .0005732 | F -.000128 | F -.000872 | F -.009186 |
| Stddev | .000399    | .0021302   | .0010251   | .000367    | .000950    | .000293    |
| %RSD   | 182.5519   | 36.32800   | 178.8362   | 287.4867   | 108.9381   | 3.192903   |
| #1     | .000238    | .0056820   | .0012643   | .000286    | -.000069   | -.008880   |
| #2     | -.000502   | .0080793   | .0010599   | -.000252   | -.001920   | -.009465   |
| #3     | -.000393   | .0038305   | -.000605   | -.000417   | -.000626   | -.009214   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F -.001599 |
| Stddev | .005002    |
| %RSD   | 312.7397   |
| #1     | .002040    |
| #2     | .000465    |
| #3     | -.007303   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1996.646 | 24708.19 | 2407.242 | 1713.738 | 2632.615 |
| Stddev    | 22.366   | 53.04    | 13.648   | 6.451    | 27.191   |
| %RSD      | 1.120203 | .2146599 | .5669447 | .3763996 | 1.032854 |
| #1        | 2022.171 | 24671.40 | 2394.960 | 1707.951 | 2663.009 |
| #2        | 1987.294 | 24684.19 | 2404.831 | 1712.572 | 2624.236 |
| #3        | 1980.473 | 24768.99 | 2421.934 | 1720.693 | 2610.599 |

Sample Name: ICB005      Acquired: 12/16/2024 16:27:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001730 | .0000697 | .0004594 | -.003189 | .0033963 | .0217212 | -.001680 |
| Stddev | .003315  | .0014006 | .0018715 | .004600  | .0015799 | .0176672 | .000392  |
| %RSD   | 191.6068 | 2009.407 | 407.3760 | 144.2429 | 46.51846 | 81.33602 | 23.31793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002038 | .0016617 | .0006919 | .001672  | .0044766 | .0020232 | -.002111 |
| #2 | .001728  | -.000480 | .0022038 | -.007473 | .0041293 | .0361658 | -.001582 |
| #3 | -.004880 | -.000973 | -.001518 | -.003766 | .0015831 | .0269746 | -.001346 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000066 | -.000094 | .0191397 | -.000422 | .0000070 | -.000151 | -.026788 |
| Stddev | .000113  | .000041  | .0370238 | .000436  | .0001050 | .003416  | .015933  |
| %RSD   | 171.2489 | 43.32145 | 193.4402 | 103.2069 | 1496.133 | 2262.752 | 59.47749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000045  | -.000049 | .0541413 | -.000842 | .0000178 | .003020  | -.018849 |
| #2 | -.000062 | -.000105 | -.019620 | .000028  | .0001062 | .000295  | -.045130 |
| #3 | -.000181 | -.000128 | .022898  | -.000453 | -.000103 | -.003768 | -.016385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000577 | .0227127 | .0003593 | -.001374 | -.179093 | -.002322 | -.005265 |
| Stddev | .000263  | .0351317 | .0003473 | .000066  | .399429  | .003846  | .007572  |
| %RSD   | 45.63313 | 154.6786 | 96.64670 | 4.829102 | 223.0288 | 165.6718 | 143.8108 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000421 | -.017850 | .0002284 | -.001326 | .261710  | -.004233 | -.011962 |
| #2 | -.000881 | .042537  | .0000965 | -.001449 | -.281964 | -.004838 | .002952  |
| #3 | -.000429 | .043452  | .0007530 | -.001345 | -.517024 | .002106  | -.006786 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5021806 | .0054687 | -.009019 | -.000209 | -.000499 | -.000243 | -.000570 |
| Stddev | .2152003 | .0015580 | .002474  | .000554  | .001934  | .000916  | .000388  |
| %RSD   | 42.85318 | 28.48979 | 27.43600 | 265.2098 | 387.4140 | 377.6731 | 67.97885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2562380 | .0072019 | -.011605 | -.000844 | -.001609 | .000807  | -.000677 |
| #2 | .6558990 | .0050200 | -.006673 | .000181  | .001734  | -.000656 | -.000140 |
| #3 | .5944047 | .0041843 | -.008780 | .000035  | -.001623 | -.000879 | -.000893 |

Sample Name: ICB005      Acquired: 12/16/2024 16:27:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005527 | .0000128 | -.001097 |
| Stddev | .004689  | .0001159 | .005238  |
| %RSD   | 84.83948 | 903.3490 | 477.5515 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.006419 | .0000180 | -.000957 |
| #2 | -.009706 | .0001260 | .004070  |
| #3 | -.000456 | -.000106 | -.006403 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1968.636 | 24036.91 | 2326.534 | 1675.865 | 2616.483 |
| Stddev    | 3.644    | 113.68   | 11.903   | 13.707   | 5.631    |
| %RSD      | .1850833 | .4729422 | .5116170 | .8178799 | .2152078 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1965.659 | 24006.21 | 2340.277 | 1679.141 | 2613.665 |
| #2 | 1972.699 | 24162.79 | 2319.483 | 1687.637 | 2622.967 |
| #3 | 1967.548 | 23941.74 | 2319.842 | 1660.818 | 2612.818 |

Sample Name: ICSA005      Acquired: 12/16/2024 16:31:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICSA005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003267 | .0179838 | .0018201 | -.032039 | .0130094 | 235.5734 |
| Stddev | .005818  | .0060078 | .0024660 | .004373  | .0008677 | .5471    |
| %RSD   | 178.0967 | 33.40701 | 135.4880 | 13.65047 | 6.670023 | .2322472 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000505  | .0111408 | .0041119 | -.037037 | .0120158 | 234.9645 |
| #2 | -.000338 | .0223924 | -.000789 | -.028917 | .0136183 | 235.7321 |
| #3 | -.009967 | .0204181 | .002138  | -.030162 | .0133940 | 236.0237 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051990 | .0014447 | .0008096 | 241.1616 | .0521107 | .0363871 |
| Stddev | .0010922 | .0001176 | .0001116 | .1767    | .0007444 | .0000286 |
| %RSD   | 21.00763 | 8.141783 | 13.78218 | .0732869 | 1.428507 | .0785899 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0045656 | .0014925 | .0008833 | 241.0358 | .0527648 | .0364069 |
| #2 | .0064602 | .0015309 | .0006813 | 241.0854 | .0513007 | .0364001 |
| #3 | .0045713 | .0013107 | .0008644 | 241.3637 | .0522665 | .0363544 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006449 | 99.91260 | .0091285 | 256.0169 | .0056543 | .0003952 |
| Stddev | .001719  | .32612   | .0009930 | 1.2109   | .0006277 | .0003783 |
| %RSD   | 26.66072 | .3264101 | 10.87839 | .4729733 | 11.10078 | 95.72701 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005809 | 99.57124 | .0102423 | 254.6345 | .0063291 | .0007761 |
| #2 | -.008397 | 100.2210 | .0088075 | 256.8894 | .0055458 | .0000195 |
| #3 | -.005142 | 99.9456  | .0083357 | 256.5270 | .0050879 | .0003900 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.575697 | -.005198 | -.034249 | -.209287 | F .0101240 | F -.011338 |
| Stddev | .531335  | .004047  | .013724  | .080413  | .0039760   | .002680    |
| %RSD   | 92.29412 | 77.85728 | 40.07129 | 38.42227 | 39.27330   | 23.63957   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.18715 | -.002033 | -.044055 | -.261634 | .0081964 | -.012443 |
| #2 | -.22627  | -.003803 | -.040128 | -.116698 | .0146964 | -.008282 |
| #3 | -.31367  | -.009757 | -.018565 | -.249530 | .0074792 | -.013289 |

Sample Name: ICSA005      Acquired: 12/16/2024 16:31:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICSA005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0010080 | .0184995 | -.003990 | F .0093008 | -.003908 | .0043579 |
| Stddev | .0003066 | .0034877 | .001139  | .0014461   | .000896  | .0001790 |
| %RSD   | 30.42010 | 18.85267 | 28.54659 | 15.54847   | 22.93899 | 4.107380 |
| #1     | .0011666 | .0193256 | -.003060 | .0100901   | -.003394 | .0041912 |
| #2     | .0012028 | .0215000 | -.005261 | .0101806   | -.003387 | .0045471 |
| #3     | .0006545 | .0146730 | -.003650 | .0076318   | -.004943 | .0043354 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0031430 |
| Stddev | .0021683 |
| %RSD   | 68.99091 |
| #1     | .0055862 |
| #2     | .0023955 |
| #3     | .0014472 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1892.753 | 22918.48 | 2322.376 | 1600.879 | 2333.401 |
| Stddev    | 9.237    | 85.21    | 18.641   | 7.825    | 12.335   |
| %RSD      | .4880064 | .3718159 | .8026709 | .4888206 | .5286137 |
| #1        | 1882.088 | 22966.21 | 2339.202 | 1596.665 | 2319.167 |
| #2        | 1898.090 | 22820.10 | 2325.590 | 1596.064 | 2340.075 |
| #3        | 1898.082 | 22969.13 | 2302.338 | 1609.908 | 2340.961 |

Sample Name: ICSAB005      Acquired: 12/16/2024 16:35:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICSAB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0985608 | .1242765 | .0488330 | .0181137 | .5335172 | 235.1558 |
| Stddev | .0014342 | .0007286 | .0023034 | .0025317 | .0018700 | 2.0504   |
| %RSD   | 1.455145 | .5862835 | 4.716883 | 13.97670 | .3505076 | .8719154 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0989455 | .1240610 | .0462933 | .0210174 | .5356319 | 232.9061 |
| #2 | .0997633 | .1236799 | .0507871 | .0163690 | .5320818 | 235.6419 |
| #3 | .0969734 | .1250885 | .0494187 | .0169546 | .5328379 | 236.9195 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5257771 | .5235745 | .9953167 | 240.9489 | .5824442 | .5245031 |
| Stddev | .0040771 | .0052947 | .0058668 | 1.9704   | .0048881 | .0036621 |
| %RSD   | .7754473 | 1.011252 | .5894376 | .8177804 | .8392429 | .6982027 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5219510 | .5192301 | 1.001000 | 238.9224 | .5768032 | .5284737 |
| #2 | .5253145 | .5220215 | .989282  | 241.0664 | .5854308 | .5212583 |
| #3 | .5300658 | .5294720 | .995668  | 242.8580 | .5850987 | .5237772 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4706228 | 99.72019 | .5209848 | 255.6109 | .9966740 | .1853860 |
| Stddev | .0117741 | 1.04232  | .0068053 | 2.4934   | .0081306 | .0001605 |
| %RSD   | 2.501809 | 1.045249 | 1.306233 | .9754633 | .8157707 | .0865698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4603551 | 98.75508 | .5154181 | 253.0392 | 1.004985 | .1852782 |
| #2 | .4680392 | 99.57995 | .5189649 | 255.7758 | .988737  | .1855704 |
| #3 | .4834741 | 100.8255 | .5285713 | 258.0178 | .996301  | .1853093 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.767750 | .5146368 | .9062670 | -.751036 | F .0103036 | F -.010245 |
| Stddev | .775734  | .0107839 | .0160331 | .249364  | .0014949   | .001389    |
| %RSD   | 101.0400 | 2.095440 | 1.769138 | 33.20260 | 14.50812   | 13.55359   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.120838 | .5262191 | .8877699 | -.800385 | .0091706 | -.010297 |
| #2 | -.554650 | .5048858 | .9161886 | -.972036 | .0097423 | -.011606 |
| #3 | -1.62776 | .5128054 | .9148425 | -.480688 | .0119978 | -.008831 |

Sample Name: ICSAB005      Acquired: 12/16/2024 16:35:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: ICSAB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0010792 | .0154065 | -.003567 | F .0098375 | -.005787 | .0046597 |
| Stddev | .0004175 | .0016556 | .000623  | .0014782   | .002140  | .0001515 |
| %RSD   | 38.68921 | 10.74607 | 17.46801 | 15.02623   | 36.98508 | 3.251062 |
| #1     | .0011658 | .0137301 | -.003486 | .0114958   | -.005992 | .0047408 |
| #2     | .0006252 | .0154487 | -.002989 | .0093588   | -.007818 | .0044850 |
| #3     | .0014467 | .0170405 | -.004227 | .0086580   | -.003552 | .0047535 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | -.000731 |
| Stddev | .001367  |
| %RSD   | 186.9389 |
| #1     | -.001466 |
| #2     | -.001575 |
| #3     | .000846  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1895.652 | 23273.41 | 2356.572 | 1625.108 | 2341.457 |
| Stddev    | 8.158    | 280.12   | 17.025   | 29.177   | 9.153    |
| %RSD      | .4303688 | 1.203605 | .7224466 | 1.795400 | .3909264 |
| #1        | 1886.238 | 23566.52 | 2376.229 | 1656.854 | 2331.035 |
| #2        | 1900.643 | 23008.40 | 2346.524 | 1599.465 | 2348.192 |
| #3        | 1900.077 | 23245.31 | 2346.963 | 1619.004 | 2345.144 |



Sample Name: P5035-09      Acquired: 12/16/2024 17:59:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1303988 | .0389033 | 5.659104 | -.025818 | .0240645 | 78.98670 |
| Stddev | .0038527 | .0023904 | .006561  | .004934  | .0024043 | .32303   |
| %RSD   | 2.954536 | 6.144505 | .1159383 | 19.11096 | 9.990904 | .4089655 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1284618 | .0369918 | 5.657713 | -.023159 | .0234177 | 78.76268 |
| #2 | .1278990 | .0415835 | 5.666248 | -.031512 | .0220497 | 78.84044 |
| #3 | .1348357 | .0381346 | 5.653349 | -.022785 | .0267259 | 79.35699 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.165668 | .0074334 | .0131038 | 495.6862 | .1408974 | .1239881 |
| Stddev | .005147  | .0000548 | .0001084 | 2.1448   | .0006047 | .0008656 |
| %RSD   | .4415549 | .7365624 | .8274095 | .4326961 | .4291942 | .6981224 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.162864 | .0073725 | .0129968 | 494.1985 | .1408140 | .1243024 |
| #2 | 1.162533 | .0074490 | .0131011 | 494.7152 | .1415395 | .1246526 |
| #3 | 1.171609 | .0074786 | .0132136 | 498.1447 | .1403388 | .1230093 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3875271 | 156.7952 | 10.93011 | 276.8555 | .1975439 | .0048420 |
| Stddev | .0045317 | .6284    | .04576   | 1.1813   | .0014624 | .0002075 |
| %RSD   | 1.169384 | .4007523 | .4186439 | .4266706 | .7403137 | 4.285097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3831895 | 156.1148 | 10.88647 | 276.3771 | .1977153 | .0048586 |
| #2 | .3922307 | 156.9172 | 10.92613 | 275.9886 | .1989131 | .0046268 |
| #3 | .3871613 | 157.3536 | 10.97773 | 278.2010 | .1960033 | .0050408 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 19.66785 | .1491282 | 2.646721 | 7.361613 | F 10.75788 | .0499459 |
| Stddev | .51586   | .0085452 | .004934  | .036341  | .01872     | .0026876 |
| %RSD   | 2.622860 | 5.730119 | .1864008 | .4936591 | .1740014   | 5.381074 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 19.66850 | .1505824 | 2.650389 | 7.371792 | 10.77769 | .0489900 |
| #2 | 19.15166 | .1568530 | 2.641113 | 7.391779 | 10.74049 | .0529808 |
| #3 | 20.18338 | .1399492 | 2.648662 | 7.321268 | 10.75544 | .0478669 |

Sample Name: P5035-09      Acquired: 12/16/2024 17:59:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081834 | 10.62106 | 5.618244 | .1154106 | .6352111 | .2072581 |
| Stddev | .0000760 | .04900   | .026008  | .0008887 | .0047497 | .0012098 |
| %RSD   | .9289306 | .4613313 | .4629284 | .7699886 | .7477337 | .5837133 |
| #1     | .0080974 | 10.64908 | 5.592572 | .1163798 | .6384920 | .2064513 |
| #2     | .0082417 | 10.64961 | 5.617582 | .1146342 | .6297646 | .2066739 |
| #3     | .0082110 | 10.56448 | 5.644577 | .1152178 | .6373768 | .2086492 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0779050 |
| Stddev | .0021831 |
| %RSD   | 2.802198 |
| #1     | .0762270 |
| #2     | .0771150 |
| #3     | .0803731 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2249.187 | 27558.02 | 2818.217 | 1905.380 | 2311.709 |
| Stddev    | 4.011    | 84.16    | 8.502    | 10.508   | 3.949    |
| %RSD      | .1783319 | .3054096 | .3016967 | .5515063 | .1708374 |
| #1        | 2253.235 | 27460.88 | 2826.745 | 1894.198 | 2310.569 |
| #2        | 2245.214 | 27604.16 | 2809.740 | 1906.892 | 2308.455 |
| #3        | 2249.112 | 27609.02 | 2818.166 | 1915.051 | 2316.103 |

Sample Name: CCV039      Acquired: 12/16/2024 16:39:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.784825 | 4.736967 | 23.76748 | 4.565305 | 4.624799 | 388.1503 | 9.766275 |
| Stddev | .009812  | .061897  | .28856   | .057687  | .057881  | 5.0135   | .126917  |
| %RSD   | .2050642 | 1.306682 | 1.214113 | 1.263598 | 1.251543 | 1.291651 | 1.299545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.789659 | 4.777356 | 23.97822 | 4.602379 | 4.670595 | 393.9392 | 9.912800 |
| #2 | 4.791283 | 4.767839 | 23.88563 | 4.594694 | 4.644060 | 385.3022 | 9.695438 |
| #3 | 4.773534 | 4.665706 | 23.43859 | 4.498842 | 4.559743 | 385.2095 | 9.690587 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4919363 | 2.441193 | 393.0395 | 14.85559 | 2.413656 | 14.56308 | 396.4204 |
| Stddev | .0056978 | .030434  | 5.0843   | .23185   | .030521  | .21276   | 5.2181   |
| %RSD   | 1.158235 | 1.246691 | 1.293577 | 1.560721 | 1.264512 | 1.460927 | 1.316308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4970897 | 2.463392 | 398.8702 | 14.95414 | 2.437323 | 14.80306 | 402.4457 |
| #2 | .4929018 | 2.453686 | 389.5308 | 15.02190 | 2.424437 | 14.39758 | 393.4368 |
| #3 | .4858175 | 2.406500 | 390.7174 | 14.59075 | 2.379208 | 14.48858 | 393.3787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.56622 | 391.5714 | 2.410178 | 1.228814 | 387.2399 | 2.470080 | 15.60374 |
| Stddev | .19340   | 4.8715   | .030497  | .018530  | 5.7359   | .040733  | .16847   |
| %RSD   | 1.327717 | 1.244089 | 1.265334 | 1.507988 | 1.481215 | 1.649037 | 1.079704 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.78708 | 397.1864 | 2.433716 | 1.238272 | 393.8525 | 2.516336 | 15.74055 |
| #2 | 14.48436 | 389.0546 | 2.421093 | 1.240706 | 384.2586 | 2.454330 | 15.65512 |
| #3 | 14.42721 | 388.4730 | 2.375726 | 1.207463 | 383.6087 | 2.439574 | 15.41556 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 147.5503 | 4.782017 | 4.734208 | 4.524181 | 4.817961 | 4.749409 | 4.817504 |
| Stddev | 2.0988   | .067304  | .052218  | .048972  | .068922  | .066293  | .060397  |
| %RSD   | 1.422415 | 1.407437 | 1.102984 | 1.082454 | 1.430516 | 1.395809 | 1.253705 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 149.9583 | 4.837865 | 4.786408 | 4.560973 | 4.876966 | 4.812842 | 4.858384 |
| #2 | 146.1094 | 4.800895 | 4.734243 | 4.542974 | 4.834709 | 4.754800 | 4.845997 |
| #3 | 146.5832 | 4.707289 | 4.681973 | 4.468596 | 4.742209 | 4.680586 | 4.748131 |

Sample Name: CCV039      Acquired: 12/16/2024 16:39:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.836253 | 4.622824 | 4.922807 |
| Stddev | .072323  | .054579  | .063194  |
| %RSD   | 1.495438 | 1.180632 | 1.283702 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.918259 | 4.685740 | 4.995742 |
| #2 | 4.808920 | 4.594538 | 4.888320 |
| #3 | 4.781580 | 4.588195 | 4.884360 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1675.666 | 22370.25 | 2322.481 | 1455.948 | 2170.929 |
| Stddev    | 14.778   | 393.89   | 33.206   | 24.808   | 22.851   |
| %RSD      | .8819080 | 1.760776 | 1.429783 | 1.703892 | 1.052604 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1662.502 | 22089.17 | 2289.194 | 1440.096 | 2151.878 |
| #2 | 1672.845 | 22201.12 | 2322.643 | 1443.211 | 2164.643 |
| #3 | 1691.651 | 22820.46 | 2355.606 | 1484.537 | 2196.265 |

Sample Name: CCB039      Acquired: 12/16/2024 16:43:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000831 | .0023118 | -.000668 | .0014844 | .0015437 | .0027865 | -.000149 |
| Stddev | .002414  | .0027516 | .000432  | .0059960 | .0000978 | .0090727 | .000649  |
| %RSD   | 290.3880 | 119.0212 | 64.59192 | 403.9298 | 6.332643 | 325.5941 | 434.2450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003555 | .0038683 | -.000798 | .0023501 | .0014309 | .0127754 | .000360  |
| #2 | .001045  | .0039324 | -.000187 | -.004897 | .0016040 | -.004943 | .000072  |
| #3 | .000016  | -.000865 | -.001020 | .007001  | .0015962 | .000527  | -.000880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000020 | -.000058 | .0191239 | .0002208 | .0002184 | .0081033 | -.034825 |
| Stddev | .000016  | .000085  | .0264880 | .0005240 | .0005599 | .0081789 | .029554  |
| %RSD   | 78.62785 | 146.4291 | 138.5072 | 237.2995 | 256.3712 | 100.9330 | 84.86633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000013 | -.000152 | .0367708 | .0000634 | .0005069 | .0156002 | -.000754 |
| #2 | -.000039 | .000012  | .0319351 | -.000206 | -.000427 | .0093289 | -.053555 |
| #3 | -.000009 | -.000033 | -.011334 | .000805  | .000575  | -.000619 | -.050165 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009712 | -.027672 | .0006982 | -.001356 | -.801024 | -.012484 | -.001396 |
| Stddev | .0006905 | .021613  | .0003636 | .001008  | .731273  | .007877  | .006617  |
| %RSD   | 71.10407 | 78.10519 | 52.07054 | 74.36961 | 91.29226 | 63.09518 | 473.9672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003665 | -.041971 | .0010877 | -.000695 | -1.31148 | -.017313 | .002049  |
| #2 | .0017236 | -.038235 | .0003678 | -.000856 | -1.12832 | -.016744 | -.009025 |
| #3 | .0008233 | -.002809 | .0006391 | -.002516 | .03673   | -.003395 | .002788  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3504500 | .0047158 | .0023457 | .0001384 | -.002102 | .0007175 | .0013690 |
| Stddev | .0762413 | .0011133 | .0019123 | .0003938 | .000584  | .0017097 | .0014345 |
| %RSD   | 21.75525 | 23.60723 | 81.52350 | 284.4939 | 27.78905 | 238.2989 | 104.7851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4326405 | .0047470 | .0045268 | .0005899 | -.002446 | .0001786 | .0022254 |
| #2 | .2820368 | .0035873 | .0015530 | -.000040 | -.002431 | .0026317 | -.000287 |
| #3 | .3366727 | .0058132 | .0009572 | -.000135 | -.001427 | -.000658 | .002169  |

Sample Name: CCB039      Acquired: 12/16/2024 16:43:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004202 | -.000048 | .0030250 |
| Stddev | .001504  | .000252  | .0010228 |
| %RSD   | 35.78709 | 529.7390 | 33.81294 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003847 | -.000251 | .0022335 |
| #2 | -.005851 | -.000125 | .0026614 |
| #3 | -.002907 | .000234  | .0041799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1989.623 | 24422.52 | 2425.983 | 1703.009 | 2645.874 |
| Stddev    | .536     | 432.11   | 16.026   | 32.887   | 2.790    |
| %RSD      | .0269460 | 1.769315 | .6606131 | 1.931110 | .1054568 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1990.213 | 24677.34 | 2420.570 | 1725.284 | 2644.624 |
| #2 | 1989.166 | 24666.63 | 2413.364 | 1718.506 | 2649.071 |
| #3 | 1989.489 | 23923.60 | 2444.015 | 1665.237 | 2643.928 |

Sample Name: P5032-03      Acquired: 12/16/2024 19:52:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK57      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1134345 | .0148742 | 5.140891 | -.002092 | .0221530 | 69.12816 |
| Stddev | .0021399 | .0018919 | .021269  | .003090  | .0019861 | .21104   |
| %RSD   | 1.886462 | 12.71950 | .4137293 | 147.7036 | 8.965180 | .3052834 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1129108 | .0150128 | 5.123419 | -.002798 | .0199845 | 68.88568 |
| #2 | .1116051 | .0166930 | 5.134680 | .001290  | .0238834 | 69.27035 |
| #3 | .1157876 | .0129168 | 5.164575 | -.004768 | .0225911 | 69.22846 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.018207 | .0083345 | .0054302 | 67.74222 | .1436797 | .1192993 |
| Stddev | .008711  | .0001399 | .0000311 | .22392   | .0009149 | .0002586 |
| %RSD   | .4315984 | 1.678757 | .5734177 | .3305542 | .6367500 | .2167979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.008511 | .0083986 | .0054097 | 67.58432 | .1445608 | .1191047 |
| #2 | 2.025371 | .0084309 | .0054149 | 67.99849 | .1427344 | .1192004 |
| #3 | 2.020739 | .0081740 | .0054660 | 67.64386 | .1437438 | .1195928 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4533856 | 115.2606 | 4.952982 | 9.666650 | .1890981 | .0024214 |
| Stddev | .0056711 | .5214    | .021799  | .081635  | .0013688 | .0008538 |
| %RSD   | 1.250843 | .4524013 | .4401196 | .8445060 | .7238435 | 35.26210 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4512071 | 114.7808 | 4.930776 | 9.582839 | .1877378 | .0015400 |
| #2 | .4598230 | 115.8156 | 4.974350 | 9.671190 | .1890815 | .0024794 |
| #3 | .4491267 | 115.1855 | 4.953821 | 9.745920 | .1904752 | .0032447 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.635499 | .2214876 | 2.278171 | 10.01335 | F 21.97356 | .0769685 |
| Stddev | .218725  | .0041385 | .033049  | .19419   | .10705     | .0019353 |
| %RSD   | 6.016356 | 1.868491 | 1.450672 | 1.939263 | .4871728   | 2.514447 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.681842 | .2221914 | 2.241856 | 10.16732 | 21.91983 | .0757997 |
| #2 | 3.397317 | .2170424 | 2.306484 | 10.07752 | 21.90401 | .0792024 |
| #3 | 3.827338 | .2252291 | 2.286173 | 9.79520  | 22.09683 | .0759033 |

Sample Name: P5032-03      Acquired: 12/16/2024 19:52:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK57      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0137152 | 3.017076 | 6.278284 | .1195948 | 1.313712 | .7565277 |
| Stddev | .0003765 | .018914  | .009335  | .0015947 | .008774  | .0046677 |
| %RSD   | 2.745404 | .6268985 | .1486813 | 1.333386 | .6678419 | .6169846 |
| #1     | .0139000 | 3.010307 | 6.278564 | .1196895 | 1.304190 | .7513144 |
| #2     | .0139635 | 3.002478 | 6.268812 | .1179548 | 1.321468 | .7603188 |
| #3     | .0132819 | 3.038443 | 6.287475 | .1211399 | 1.315479 | .7579499 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0865710 |
| Stddev | .0020353 |
| %RSD   | 2.351042 |
| #1     | .0864721 |
| #2     | .0886539 |
| #3     | .0845869 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2312.146 | 28064.22 | 2763.620 | 1950.500 | 2663.186 |
| Stddev    | 7.754    | 46.18    | 10.883   | 5.391    | 10.170   |
| %RSD      | .3353426 | .1645390 | .3937948 | .2763773 | .3818834 |
| #1        | 2311.430 | 28068.94 | 2776.102 | 1955.302 | 2666.842 |
| #2        | 2320.233 | 28015.87 | 2758.638 | 1944.669 | 2671.023 |
| #3        | 2304.776 | 28107.86 | 2756.119 | 1951.529 | 2651.693 |



Sample Name: PB165395BL      Acquired: 12/16/2024 16:47:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS395      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001550 | .0012849 | -.000563 | .0014081 | .0007396 | .0099085 | -.001188 |
| Stddev | .001421  | .0024142 | .001124  | .0018549 | .0003247 | .0180518 | .000510  |
| %RSD   | 91.68533 | 187.8946 | 199.7338 | 131.7280 | 43.89714 | 182.1841 | 42.95799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002560 | .0034947 | -.000455 | .0017417 | .0008949 | -.009104 | -.001631 |
| #2 | -.002165 | -.001292 | -.001737 | -.000591 | .0003664 | .026815  | -.000630 |
| #3 | .000075  | .001652  | .000504  | .003074  | .0009574 | .012014  | -.001303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000387 | -.000102 | .0118920 | .0001230 | .0000435 | .0102035 | .0024275 |
| Stddev | .0000811 | .000086  | .0257833 | .0003075 | .0002319 | .0014269 | .0224500 |
| %RSD   | 209.4733 | 84.09566 | 216.8116 | 249.9410 | 532.5627 | 13.98477 | 924.8308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000220 | -.000079 | .0402297 | .0004761 | -.000195 | .0108372 | -.015790 |
| #2 | -.000033 | -.000197 | -.010183 | -.000021 | .000268  | .0085694 | -.004435 |
| #3 | .000127  | -.000030 | .005630  | -.000086 | .000058  | .0112038 | .027508  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002015 | -.028745 | .0002076 | -.000900 | -.443738 | .0005891 | -.011680 |
| Stddev | .0020967 | .055237  | .0001069 | .001323  | .464255  | .0093103 | .009995  |
| %RSD   | 1040.477 | 192.1595 | 51.46367 | 146.9939 | 104.6236 | 1580.392 | 85.57215 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009697 | .032107  | .0003050 | -.001371 | .064626  | .0020144 | -.007831 |
| #2 | .0018057 | -.075720 | .0002245 | .000594  | -.845254 | .0091046 | -.004182 |
| #3 | -.002171 | -.042623 | .0000933 | -.001923 | -.550587 | -.009352 | -.023026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5265079 | .0056513 | -.003421 | .0000278 | -.008620 | .0008396 | .0006834 |
| Stddev | .1360650 | .0021128 | .000421  | .0003501 | .000329  | .0011294 | .0016500 |
| %RSD   | 25.84292 | 37.38527 | 12.29764 | 1260.642 | 3.819395 | 134.5061 | 241.4362 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5683986 | .0037004 | -.003796 | .0001314 | -.008243 | .0001342 | .0024122 |
| #2 | .3744231 | .0078953 | -.003500 | .0003143 | -.008767 | .0021422 | .0005127 |
| #3 | .6367021 | .0053583 | -.002966 | -.000362 | -.008850 | .0002425 | -.000875 |

Sample Name: PB165395BL      Acquired: 12/16/2024 16:47:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS395      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003667 | -.000175 | -.004928 |
| Stddev | .002427  | .000146  | .001817  |
| %RSD   | 66.17299 | 83.28963 | 36.87328 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003746 | -.000009 | -.006188 |
| #2 | -.001202 | -.000231 | -.002845 |
| #3 | -.006054 | -.000283 | -.005752 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1986.766 | 24467.21 | 2374.408 | 1700.210 | 2642.474 |
| Stddev    | 7.254    | 187.09   | 10.249   | 11.459   | 8.071    |
| %RSD      | .3650923 | .7646693 | .4316578 | .6739914 | .3054416 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1980.251 | 24301.20 | 2382.835 | 1688.486 | 2633.859 |
| #2 | 1994.582 | 24430.47 | 2362.998 | 1700.758 | 2649.860 |
| #3 | 1985.465 | 24669.94 | 2377.392 | 1711.385 | 2643.704 |

Sample Name: PB165395BS      Acquired: 12/16/2024 16:51:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS395      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0196190 | .0494691 | .0201063 | .0521986 | .0989906 | .4234200 |
| Stddev | .0049422 | .0011339 | .0025357 | .0013529 | .0020342 | .0115488 |
| %RSD   | 25.19083 | 2.292051 | 12.61137 | 2.591854 | 2.054985 | 2.727508 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0249657 | .0507179 | .0179514 | .0506400 | .1000412 | .4341071 |
| #2 | .0186731 | .0485040 | .0229004 | .0530704 | .0966459 | .4111689 |
| #3 | .0152181 | .0491854 | .0194671 | .0528853 | .1002848 | .4249840 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3983758 | .0102781 | .0095575 | 9.859995 | .0208258 | .1001741 |
| Stddev | .0015677 | .0000340 | .0001247 | .005733  | .0001122 | .0003709 |
| %RSD   | .3935159 | .3305659 | 1.305118 | .0581400 | .5386096 | .3702980 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3966000 | .0102408 | .0094336 | 9.854634 | .0207451 | .0998827 |
| #2 | .3989592 | .0103073 | .0095557 | 9.866038 | .0207785 | .1000478 |
| #3 | .3995681 | .0102863 | .0096831 | 9.859314 | .0209539 | .1005917 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0521689 | .1878278 | .0317549 | 10.22815 | .0768186 | .0185168 |
| Stddev | .0088705 | .0204077 | .0011360 | .16468   | .0009500 | .0008273 |
| %RSD   | 17.00346 | 10.86510 | 3.577333 | 1.610034 | 1.236702 | 4.467603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0499785 | .2112590 | .0309491 | 10.08779 | .0771672 | .0192354 |
| #2 | .0445988 | .1782814 | .0330542 | 10.40943 | .0757435 | .0176124 |
| #3 | .0619294 | .1739429 | .0312615 | 10.18723 | .0775451 | .0187025 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.492935 | .1093321 | .1044584 | 10.20183 | .0235828 | F -.006054 |
| Stddev | .895533  | .0064040 | .0080413 | .05271   | .0032755 | .001094    |
| %RSD   | 9.433675 | 5.857342 | 7.698136 | .5166633 | 13.88924 | 18.07179   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.420742 | .1165389 | .1096586 | 10.18518 | .0264748 | -.005612 |
| #2 | 10.42238 | .1042945 | .0951963 | 10.15945 | .0242477 | -.005251 |
| #3 | 8.63568  | .1071629 | .1085203 | 10.26085 | .0200259 | -.007300 |

Sample Name: PB165395BS      Acquired: 12/16/2024 16:51:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS395      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0175045 | .1698415 | F .5037278 | .0129391 | .1939846 | .2063379 |
| Stddev | .0001859 | .0051596 | .0024531   | .0006884 | .0030300 | .0006743 |
| %RSD   | 1.062044 | 3.037881 | .4869793   | 5.320314 | 1.561964 | .3268013 |
| #1     | .0172898 | .1638870 | .5013266   | .0121586 | .1974824 | .2056191 |
| #2     | .0176144 | .1729913 | .5062296   | .0131993 | .1921652 | .2069566 |
| #3     | .0176092 | .1726461 | .5036272   | .0134596 | .1923062 | .2064379 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0321518 |
| Stddev | .0013224 |
| %RSD   | 4.112959 |
| #1     | .0326807 |
| #2     | .0331278 |
| #3     | .0306468 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1978.150 | 24082.20 | 2347.726 | 1668.288 | 2611.737 |
| Stddev    | 2.068    | 49.17    | 14.812   | 6.637    | 6.591    |
| %RSD      | .1045643 | .2041865 | .6309062 | .3978192 | .2523688 |
| #1        | 1979.990 | 24089.13 | 2358.556 | 1675.390 | 2618.371 |
| #2        | 1978.549 | 24127.54 | 2330.847 | 1667.232 | 2611.651 |
| #3        | 1975.911 | 24029.93 | 2353.775 | 1662.243 | 2605.189 |

Sample Name: PB165369BL      Acquired: 12/16/2024 16:55:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS369      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001522 | .0004607 | -.000756 | -.003137 | .0000734 | -.000781 | -.001471 |
| Stddev | .001335  | .0012885 | .001673  | .002990  | .0021688 | .009534  | .000790  |
| %RSD   | 87.71314 | 279.6664 | 221.2922 | 95.31219 | 2955.420 | 1220.278 | 53.70202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001931 | -.000543 | -.002645 | -.001724 | .0020261 | .003738  | -.000791 |
| #2 | -.002605 | .001914  | .000542  | -.001115 | -.002261 | .005653  | -.002338 |
| #3 | -.000030 | .000012  | -.000165 | -.006571 | .000455  | -.011735 | -.001284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000048 | -.000059 | .0324194 | -.000349 | .0000641 | .0017703 | -.019011 |
| Stddev | .000061  | .000060  | .0239151 | .000500  | .0004344 | .0026483 | .007778  |
| %RSD   | 126.3051 | 102.1828 | 73.76788 | 143.2687 | 678.0046 | 149.5990 | 40.91537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000084 | -.000126 | .0171584 | .000119  | .0005075 | .0000514 | -.021356 |
| #2 | -.000083 | -.000038 | .0599812 | -.000290 | .0000453 | .0048201 | -.010330 |
| #3 | .000022  | -.000012 | .0201185 | -.000875 | -.000361 | .0004394 | -.025347 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001023 | -.058461 | .0007222 | -.001039 | .0374946 | -.007467 | -.009827 |
| Stddev | .001965  | .032894  | .0001851 | .000883  | .8088994 | .004041  | .010905  |
| %RSD   | 192.0646 | 56.26705 | 25.62612 | 84.92835 | 2157.373 | 54.11757 | 110.9668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003255 | -.047426 | .0005166 | -.000791 | -.624719 | -.011873 | .001510  |
| #2 | -.000261 | -.032503 | .0008754 | -.000307 | -.201857 | -.003933 | -.010750 |
| #3 | .000447  | -.095454 | .0007748 | -.002019 | .939060  | -.006595 | -.020240 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7114152 | .0037483 | -.005580 | -.000265 | -.005892 | .0017953 | -.000398 |
| Stddev | .0849266 | .0027663 | .001920  | .000514  | .001567  | .0001948 | .001962  |
| %RSD   | 11.93770 | 73.80199 | 34.41423 | 193.8207 | 26.59878 | 10.84930 | 493.6020 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6417937 | .0061163 | -.004017 | .000099  | -.005558 | .0020086 | .000578  |
| #2 | .8060353 | .0044210 | -.005000 | -.000854 | -.004518 | .0016269 | -.002656 |
| #3 | .6864166 | .0007077 | -.007724 | -.000041 | -.007599 | .0017504 | .000885  |

Sample Name: PB165369BL      Acquired: 12/16/2024 16:55:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS369      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003663 | .0000440 | -.004808 |
| Stddev | .002906  | .0001518 | .002377  |
| %RSD   | 79.33628 | 344.7831 | 49.44501 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001412 | .0001220 | -.003269 |
| #2 | -.002632 | -.000131 | -.003608 |
| #3 | -.006943 | .000141  | -.007546 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1973.321 | 23986.39 | 2330.598 | 1666.510 | 2618.738 |
| Stddev    | .515     | 97.97    | 13.844   | 10.904   | 1.730    |
| %RSD      | .0261090 | .4084596 | .5940300 | .6543054 | .0660710 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1972.728 | 23874.79 | 2336.436 | 1655.657 | 2616.774 |
| #2 | 1973.658 | 24026.10 | 2314.791 | 1666.409 | 2619.397 |
| #3 | 1973.576 | 24058.27 | 2340.568 | 1677.464 | 2620.041 |

Sample Name: PB165434BL      Acquired: 12/16/2024 17:03:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS434      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040856 | -.000205 | -.001796 | .0027479 | .0020088 | .0130719 | -.000464 |
| Stddev | .0033666 | .000462  | .001353  | .0021788 | .0010241 | .0210456 | .000488  |
| %RSD   | 82.40171 | 225.4498 | 75.35256 | 79.29119 | 50.97771 | 160.9986 | 105.1546 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021943 | .000008  | -.000745 | .0034761 | .0009123 | -.010301 | -.000088 |
| #2 | .0079725 | .000113  | -.003322 | .0002982 | .0021739 | .030521  | -.000288 |
| #3 | .0020899 | -.000736 | -.001320 | .0044694 | .0029404 | .018996  | -.001015 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000042 | -.000070 | .0017951 | -.000211 | .0001064 | .0072313 | .0133895 |
| Stddev | .000216  | .000029  | .0224405 | .001153  | .0001526 | .0094456 | .0165266 |
| %RSD   | 509.5843 | 41.85255 | 1250.070 | 546.5582 | 143.4028 | 130.6211 | 123.4292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000202  | -.000102 | -.012116 | .000583  | -.000052 | .0105078 | .0019318 |
| #2 | -.000207 | -.000060 | .027683  | -.001533 | .000120  | .0146024 | .0059022 |
| #3 | -.000121 | -.000047 | -.010181 | .000317  | .000252  | -.003416 | .0323346 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006221 | .0135726 | .0017506 | -.000509 | -.274230 | -.008385 | -.003632 |
| Stddev | .0020773 | .0230318 | .0004202 | .000552  | .516996  | .009504  | .002891  |
| %RSD   | 333.8929 | 169.6936 | 24.00520 | 108.4194 | 188.5265 | 113.3439 | 79.59072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025999 | .0180026 | .0021507 | -.000157 | -.672332 | .000741  | -.005549 |
| #2 | -.001542 | .0340676 | .0013128 | -.001145 | -.460433 | -.007670 | -.005041 |
| #3 | .000809  | -.011352 | .0017883 | -.000225 | .310075  | -.018226 | -.000307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4790531 | .0035246 | -.008208 | -.000276 | -.003883 | .0009997 | -.000852 |
| Stddev | .2535669 | .0009206 | .001922  | .000645  | .002529  | .0010410 | .000996  |
| %RSD   | 52.93085 | 26.11907 | 23.42273 | 233.4204 | 65.11844 | 104.1282 | 116.9172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5299954 | .0025100 | -.005990 | -.001005 | -.006274 | .0020050 | -.000098 |
| #2 | .2038825 | .0037574 | -.009224 | -.000044 | -.001236 | -.000074 | -.001980 |
| #3 | .7032815 | .0043065 | -.009408 | .000220  | -.004139 | .001068  | -.000477 |

Sample Name: PB165434BL      Acquired: 12/16/2024 17:03:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS434      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005204 | -.000072 | -.007010 |
| Stddev | .003677  | .000180  | .004648  |
| %RSD   | 70.66776 | 249.4809 | 66.30015 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.009099 | .000076  | -.003115 |
| #2 | -.001793 | -.000272 | -.005761 |
| #3 | -.004719 | -.000020 | -.012155 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1986.242 | 24109.08 | 2367.121 | 1682.282 | 2637.665 |
| Stddev    | 6.500    | 425.45   | 9.848    | 29.599   | 6.447    |
| %RSD      | .3272340 | 1.764685 | .4160370 | 1.759438 | .2444170 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1983.142 | 24448.85 | 2374.015 | 1703.890 | 2634.729 |
| #2 | 1993.711 | 23631.91 | 2371.505 | 1648.545 | 2645.057 |
| #3 | 1981.872 | 24246.49 | 2355.842 | 1694.411 | 2633.209 |



Sample Name: PB165369BS      Acquired: 12/16/2024 16:59:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS369      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0187317 | .0526949 | .0194001 | .0582496 | .0989074 | .4272848 |
| Stddev | .0021580 | .0007615 | .0040914 | .0015450 | .0020461 | .0152736 |
| %RSD   | 11.52078 | 1.445066 | 21.08975 | 2.652424 | 2.068709 | 3.574561 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0162400 | .0533148 | .0198212 | .0590525 | .1005425 | .4097517 |
| #2 | .0200037 | .0518449 | .0232647 | .0564684 | .0966129 | .4377017 |
| #3 | .0199514 | .0529249 | .0151144 | .0592278 | .0995668 | .4344011 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4014043 | .0103218 | .0094464 | 9.853701 | .0211924 | .0990193 |
| Stddev | .0016173 | .0001081 | .0000628 | .022822  | .0003227 | .0003245 |
| %RSD   | .4029213 | 1.047642 | .6649152 | .2316035 | 1.522825 | .3277004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4009256 | .0102095 | .0093796 | 9.827914 | .0215641 | .0988438 |
| #2 | .4032070 | .0104252 | .0094553 | 9.861890 | .0209839 | .0988203 |
| #3 | .4000804 | .0103307 | .0095043 | 9.871297 | .0210291 | .0993937 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0575995 | .1796941 | .0296328 | 10.16110 | .0764825 | .0187100 |
| Stddev | .0068099 | .0355988 | .0018691 | .08936   | .0002030 | .0004690 |
| %RSD   | 11.82291 | 19.81078 | 6.307643 | .8794651 | .2654355 | 2.506708 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0632996 | .1539010 | .0301847 | 10.19597 | .0762586 | .0191639 |
| #2 | .0594405 | .1648723 | .0311639 | 10.22777 | .0766547 | .0187390 |
| #3 | .0500583 | .2203091 | .0275499 | 10.05956 | .0765342 | .0182272 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.927440 | .1058677 | .1043827 | 10.17980 | .0226831 | F -.006988 |
| Stddev | .148346  | .0072405 | .0052480 | .09372   | .0027027 | .000951    |
| %RSD   | 1.494298 | 6.839221 | 5.027646 | .9206956 | 11.91515 | 13.61012   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.847966 | .1029859 | .1047983 | 10.07266 | .0230415 | -.007402 |
| #2 | 10.09859 | .1141054 | .0989392 | 10.24664 | .0198190 | -.005900 |
| #3 | 9.83576  | .1005118 | .1094105 | 10.22009 | .0251887 | -.007662 |

Sample Name: PB165369BS      Acquired: 12/16/2024 16:59:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS369      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0176726 | .1747652 | F .5025158 | .0122012 | .1890023 | .2069072 |
| Stddev | .0000819 | .0026762 | .0034503   | .0013788 | .0014774 | .0015659 |
| %RSD   | .4634892 | 1.531334 | .6866110   | 11.30080 | .7816984 | .7568125 |
| #1     | .0177038 | .1778430 | .5040965   | .0136515 | .1875537 | .2063326 |
| #2     | .0175797 | .1734661 | .5048925   | .0109071 | .1889464 | .2086793 |
| #3     | .0177344 | .1729864 | .4985582   | .0120452 | .1905069 | .2057098 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0255276 |
| Stddev | .0021257 |
| %RSD   | 8.327102 |
| #1     | .0231707 |
| #2     | .0272998 |
| #3     | .0261123 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1975.013 | 24088.20 | 2341.677 | 1674.478 | 2617.535 |
| Stddev    | 4.690    | 53.43    | 5.854    | 6.300    | 5.997    |
| %RSD      | .2374705 | .2218254 | .2499890 | .3762544 | .2290948 |
| #1        | 1971.266 | 24084.45 | 2342.050 | 1678.489 | 2616.191 |
| #2        | 1980.273 | 24143.41 | 2335.645 | 1677.729 | 2624.090 |
| #3        | 1973.500 | 24036.74 | 2347.335 | 1667.217 | 2612.325 |

Sample Name: PB165360BL      Acquired: 12/16/2024 17:11:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS360      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000567 | .0024431 | -.001279 | -.003781 | .0011588 | .0021895 | -.000261 |
| Stddev | .003416  | .0009061 | .001075  | .002175  | .0015974 | .0142996 | .000844  |
| %RSD   | 602.4572 | 37.08585 | 84.03194 | 57.51429 | 137.8472 | 653.1096 | 323.6908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002989  | .0015610 | -.002434 | -.005002 | .0030032 | -.010471 | -.001229 |
| #2 | -.003824 | .0033713 | -.001096 | -.001270 | .0002602 | -.000660 | .000312  |
| #3 | -.000866 | .0023971 | -.000308 | -.005071 | .0002132 | .017699  | .000135  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000078 | -.000235 | .0466956 | -.000289 | .0000389 | -.000162 | -.021582 |
| Stddev | .000117  | .000075  | .0146638 | .001048  | .0001377 | .003524  | .010554  |
| %RSD   | 151.2019 | 31.89380 | 31.40301 | 363.0369 | 353.8688 | 2178.675 | 48.90049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000058  | -.000261 | .0356476 | -.000792 | .0000224 | -.004212 | -.010854 |
| #2 | -.000138 | -.000293 | .0633319 | -.000990 | .0001841 | .002197  | -.031952 |
| #3 | -.000152 | -.000150 | .0411072 | .000916  | -.000090 | .001530  | -.021941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008696 | .0308349 | .0005927 | -.002164 | .3746302 | .0039200 | -.000531 |
| Stddev | .0004282 | .0292585 | .0003788 | .000897  | .8205108 | .0007412 | .006316  |
| %RSD   | 49.23538 | 94.88767 | 63.90303 | 41.45139 | 219.0189 | 18.90946 | 1189.181 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007268 | .0090595 | .0009992 | -.001602 | -.069239 | .0045812 | .004147  |
| #2 | .0005311 | .0193521 | .0005294 | -.001691 | 1.321460 | .0031187 | .001975  |
| #3 | .0013509 | .0640930 | .0002496 | -.003198 | -.128330 | .0040600 | -.007716 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5110067 | .0041903 | -.008765 | -.000019 | -.002752 | .0004407 | .0000286 |
| Stddev | .0868751 | .0011400 | .001894  | .000407  | .003145  | .0015956 | .0012659 |
| %RSD   | 17.00077 | 27.20660 | 21.60447 | 2104.366 | 114.2720 | 362.0806 | 4422.582 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4886249 | .0030405 | -.006583 | .000404  | -.006382 | .0011621 | .0009844 |
| #2 | .6068828 | .0053203 | -.009727 | -.000054 | -.001010 | .0015482 | .0005085 |
| #3 | .4375126 | .0042101 | -.009984 | -.000408 | -.000864 | -.001388 | -.001407 |

Sample Name: PB165360BL      Acquired: 12/16/2024 17:11:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS360      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003014 | -.000122 | -.008803 |
| Stddev | .004188  | .000162  | .002697  |
| %RSD   | 138.9383 | 133.6139 | 30.63984 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005894 | -.000034 | -.006030 |
| #2 | -.004939 | -.000309 | -.008961 |
| #3 | .001790  | -.000022 | -.011418 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1985.373 | 24399.04 | 2328.652 | 1697.712 | 2637.930 |
| Stddev    | 6.609    | 397.45   | 10.829   | 28.145   | 11.193   |
| %RSD      | .3328796 | 1.628954 | .4650200 | 1.657827 | .4242983 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1980.049 | 24857.97 | 2339.945 | 1730.125 | 2629.853 |
| #2 | 1983.300 | 24168.59 | 2327.654 | 1683.556 | 2633.232 |
| #3 | 1992.770 | 24170.55 | 2318.357 | 1679.455 | 2650.707 |

Sample Name: PB165360BS      Acquired: 12/16/2024 17:15:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS360      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0207097 | .0472334 | .0193694 | .0553849 | .0980825 | .4019002 |
| Stddev | .0008408 | .0001478 | .0014697 | .0055835 | .0024425 | .0227633 |
| %RSD   | 4.059750 | .3129734 | 7.587652 | 10.08132 | 2.490199 | 5.663910 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0198714 | .0472827 | .0179224 | .0601813 | .0995397 | .3797690 |
| #2 | .0207047 | .0470672 | .0208608 | .0492555 | .0994449 | .4006847 |
| #3 | .0215529 | .0473503 | .0193251 | .0567180 | .0952627 | .4252468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3901001 | .0100041 | .0091878 | 9.555054 | .0210216 | .0964244 |
| Stddev | .0053846 | .0000572 | .0002090 | .167952  | .0011165 | .0022595 |
| %RSD   | 1.380309 | .5713353 | 2.274547 | 1.757732 | 5.311224 | 2.343315 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3891610 | .0100638 | .0092860 | 9.453939 | .0203856 | .0977356 |
| #2 | .3852468 | .0099499 | .0093297 | 9.462295 | .0203684 | .0977223 |
| #3 | .3958924 | .0099986 | .0089479 | 9.748929 | .0223108 | .0938153 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0498961 | .1560441 | .0309804 | 9.975035 | .0750046 | .0181839 |
| Stddev | .0017790 | .0417361 | .0009362 | .204284  | .0022421 | .0010104 |
| %RSD   | 3.565402 | 26.74633 | 3.022053 | 2.047949 | 2.989228 | 5.556701 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0513166 | .1803734 | .0319942 | 9.771055 | .0763047 | .0174853 |
| #2 | .0504709 | .1078522 | .0301484 | 9.974429 | .0762934 | .0177239 |
| #3 | .0479007 | .1799067 | .0307985 | 10.17962 | .0724157 | .0193425 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.11017 | .0981366 | .1099261 | 10.00771 | .0223514 | F -.009105 |
| Stddev | .34203   | .0050598 | .0012993 | .33479   | .0060282 | .002146    |
| %RSD   | 3.382984 | 5.155916 | 1.182019 | 3.345371 | 26.97022 | 23.57588   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.23459 | .1038337 | .1113986 | 9.76714  | .0218807 | -.011366 |
| #2 | 9.72335  | .0964101 | .1089406 | 9.86591  | .0286013 | -.007096 |
| #3 | 10.37257 | .0941660 | .1094390 | 10.39006 | .0165724 | -.008851 |

Sample Name: PB165360BS      Acquired: 12/16/2024 17:15:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS360      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0168476 | .1686110 | F .4905532 | .0122413 | .1881788 | .2010256 |
| Stddev | .0008325 | .0063702 | .0041339   | .0013515 | .0052434 | .0027516 |
| %RSD   | 4.941380 | 3.778064 | .8426999   | 11.04065 | 2.786395 | 1.368791 |
| #1     | .0173566 | .1744098 | .4895543   | .0132932 | .1891299 | .2006445 |
| #2     | .0172993 | .1696309 | .4870102   | .0107170 | .1825249 | .1984843 |
| #3     | .0158868 | .1617924 | .4950950   | .0127138 | .1928816 | .2039479 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0225502 |
| Stddev | .0032852 |
| %RSD   | 14.56847 |
| #1     | .0238539 |
| #2     | .0188133 |
| #3     | .0249835 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2019.762 | 24397.03 | 2386.267 | 1697.588 | 2674.539 |
| Stddev    | 42.450   | 186.32   | 18.559   | 17.412   | 60.177   |
| %RSD      | 2.101751 | .7637130 | .7777524 | 1.025709 | 2.250000 |
| #1        | 1996.314 | 24317.91 | 2390.526 | 1690.531 | 2642.142 |
| #2        | 1994.207 | 24263.32 | 2402.327 | 1684.813 | 2637.502 |
| #3        | 2068.764 | 24609.85 | 2365.949 | 1717.422 | 2743.974 |

Sample Name: PB165434BS      Acquired: 12/16/2024 17:07:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS434      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0185657 | .0520393 | .0186979 | .0531577 | .0974437 | .4065498 |
| Stddev | .0014910 | .0004892 | .0011568 | .0059143 | .0021086 | .0051922 |
| %RSD   | 8.031110 | .9401188 | 6.186527 | 11.12586 | 2.163891 | 1.277129 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0185973 | .0519594 | .0183298 | .0478856 | .0968615 | .4014045 |
| #2 | .0200407 | .0525637 | .0177700 | .0595530 | .0956875 | .4064574 |
| #3 | .0170591 | .0515951 | .0199940 | .0520345 | .0997823 | .4117876 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3925351 | .0101935 | .0092741 | 9.699462 | .0207136 | .0966597 |
| Stddev | .0006029 | .0001336 | .0002182 | .043225  | .0007417 | .0016827 |
| %RSD   | .1535975 | 1.310819 | 2.352524 | .4456421 | 3.580582 | 1.740858 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3928596 | .0102146 | .0090504 | 9.680874 | .0214308 | .0947201 |
| #2 | .3929063 | .0103153 | .0092856 | 9.748872 | .0207602 | .0975300 |
| #3 | .3918394 | .0100506 | .0094862 | 9.668641 | .0199497 | .0977289 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0541203 | .1939147 | .0299217 | 9.987351 | .0741800 | .0175795 |
| Stddev | .0082697 | .0346280 | .0009675 | .035032  | .0012507 | .0003383 |
| %RSD   | 15.28014 | 17.85735 | 3.233440 | .3507663 | 1.685990 | 1.924384 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0514615 | .2046007 | .0288282 | 10.02167 | .0728124 | .0172309 |
| #2 | .0633923 | .2219402 | .0306666 | 9.95165  | .0744621 | .0179065 |
| #3 | .0475071 | .1552032 | .0302704 | 9.98873  | .0752656 | .0176011 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.904728 | .1032700 | .1020082 | 10.04649 | .0216602 | F -.010040 |
| Stddev | .458966  | .0026897 | .0073679 | .06851   | .0013175 | .001910    |
| %RSD   | 4.633805 | 2.604555 | 7.222829 | .6819620 | 6.082567 | 19.02497   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.423207 | .1002089 | .0968424 | 10.06357 | .0204864 | -.009841 |
| #2 | 10.33720 | .1052557 | .1104453 | 10.10484 | .0214090 | -.012042 |
| #3 | 9.95378  | .1043453 | .0987371 | 9.97105  | .0230852 | -.008237 |

Sample Name: PB165434BS      Acquired: 12/16/2024 17:07:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS434      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0169696 | .1687188 | F .4942213 | .0127479 | .1877593 | .2027825 |
| Stddev | .0001136 | .0005754 | .0052481   | .0004497 | .0023762 | .0005637 |
| %RSD   | .6692638 | .3410409 | 1.061894   | 3.527438 | 1.265566 | .2779991 |
| #1     | .0168490 | .1680700 | .4964597   | .0126923 | .1899833 | .2031863 |
| #2     | .0170745 | .1689194 | .4979791   | .0123287 | .1880391 | .2030227 |
| #3     | .0169853 | .1691671 | .4882252   | .0132229 | .1852556 | .2021385 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0231911 |
| Stddev | .0028584 |
| %RSD   | 12.32536 |
| #1     | .0239760 |
| #2     | .0255750 |
| #3     | .0200222 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1983.874 | 24094.55 | 2361.631 | 1678.234 | 2639.461 |
| Stddev    | 22.325   | 209.05   | 13.994   | 16.063   | 35.784   |
| %RSD      | 1.125346 | .8676075 | .5925494 | .9571270 | 1.355715 |
| #1        | 2007.662 | 23859.39 | 2366.288 | 1662.692 | 2678.923 |
| #2        | 1980.586 | 24259.32 | 2345.903 | 1694.771 | 2630.339 |
| #3        | 1963.376 | 24164.94 | 2372.702 | 1677.240 | 2609.122 |



Sample Name: P5035-01      Acquired: 12/16/2024 17:28:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0622322 | .0196000 | .2701959 | -.014354 | .0254660 | 68.62326 |
| Stddev | .0039606 | .0050063 | .0034461 | .002441  | .0032747 | .07106   |
| %RSD   | 6.364198 | 25.54254 | 1.275415 | 17.00761 | 12.85892 | .1035504 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0619457 | .0251128 | .2662175 | -.015632 | .0292444 | 68.66681 |
| #2 | .0663282 | .0153368 | .2721154 | -.011539 | .0234507 | 68.54126 |
| #3 | .0584225 | .0183505 | .2722549 | -.015891 | .0237029 | 68.66171 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9122024 | .0059649 | .0039334 | 113.3096 | .0950739 | .0990770 |
| Stddev | .0011238 | .0000977 | .0001334 | .1723    | .0006625 | .0008787 |
| %RSD   | .1231996 | 1.637847 | 3.392012 | .1520924 | .6968105 | .8868646 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9109301 | .0059976 | .0039073 | 113.3493 | .0952627 | .0982683 |
| #2 | .9126175 | .0058550 | .0038150 | 113.1209 | .0943375 | .0989507 |
| #3 | .9130596 | .0060420 | .0040780 | 113.4587 | .0956215 | .1000120 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1536426 | 153.6250 | 5.134291 | 36.61117 | .1345054 | .0027585 |
| Stddev | .0030566 | .1782    | .008290  | .04464   | .0003983 | .0007605 |
| %RSD   | 1.989433 | .1160156 | .1614586 | .1219235 | .2961082 | 27.56788 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1501849 | 153.6483 | 5.139301 | 36.57149 | .1340478 | .0032424 |
| #2 | .1559846 | 153.4362 | 5.124722 | 36.65950 | .1347741 | .0018820 |
| #3 | .1547584 | 153.7903 | 5.138848 | 36.60251 | .1346943 | .0031512 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5629559 | .1725577 | .7792431 | 5.179430 | F 27.51085 | .0172429 |
| Stddev | .5224138 | .0050427 | .0045384 | .060297  | .19435     | .0039099 |
| %RSD   | 92.79835 | 2.922303 | .5824059 | 1.164154 | .7064619   | 22.67549 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0101385 | .1667432 | .7805986 | 5.157848 | 27.34600 | .0132060 |
| #2 | .6302931 | .1757327 | .7829492 | 5.247548 | 27.46139 | .0175108 |
| #3 | 1.048436 | .1751973 | .7741814 | 5.132895 | 27.72515 | .0210121 |

Sample Name: P5035-01      Acquired: 12/16/2024 17:28:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027205 | 2.141873 | 8.372481 | .0219409 | 1.069374 | .0634241 |
| Stddev | .0001384 | .021461  | .016563  | .0027422 | .004787  | .0002036 |
| %RSD   | 5.087759 | 1.001953 | .1978241 | 12.49789 | .4475994 | .3209943 |
| #1     | .0027895 | 2.118577 | 8.368686 | .0230677 | 1.064424 | .0633110 |
| #2     | .0028109 | 2.146203 | 8.358145 | .0239402 | 1.069721 | .0636591 |
| #3     | .0025611 | 2.160838 | 8.390612 | .0188149 | 1.073978 | .0633022 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0908350 |
| Stddev | .0017454 |
| %RSD   | 1.921491 |
| #1     | .0891317 |
| #2     | .0926196 |
| #3     | .0907537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2558.113 | 31614.51 | 3098.713 | 2208.551 | 2624.431 |
| Stddev    | 15.016   | 18.37    | 5.355    | 7.942    | 21.263   |
| %RSD      | .5869810 | .0581220 | .1728181 | .3595964 | .8101842 |
| #1        | 2568.991 | 31618.11 | 3097.334 | 2213.723 | 2642.752 |
| #2        | 2564.367 | 31594.60 | 3094.182 | 2199.407 | 2629.426 |
| #3        | 2540.981 | 31630.82 | 3104.622 | 2212.522 | 2601.116 |

Sample Name: PB165396BS      Acquired: 12/16/2024 17:24:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS396      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193699 | .0493639 | .0185714 | .0539701 | .0982525 | .4039744 |
| Stddev | .0021557 | .0015876 | .0022847 | .0012738 | .0017276 | .0031021 |
| %RSD   | 11.12911 | 3.216112 | 12.30208 | 2.360212 | 1.758354 | .7678972 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0218215 | .0479428 | .0186429 | .0553753 | .0966482 | .4020445 |
| #2 | .0177706 | .0490716 | .0162518 | .0536439 | .0980278 | .4023259 |
| #3 | .0185177 | .0510774 | .0208195 | .0528911 | .1000814 | .4075527 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3900677 | .0099810 | .0092030 | 9.631059 | .0200173 | .0956970 |
| Stddev | .0012193 | .0001468 | .0000181 | .084623  | .0007975 | .0007474 |
| %RSD   | .3125887 | 1.470523 | .1964960 | .8786451 | 3.984197 | .7809524 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3902852 | .0098892 | .0092016 | 9.643837 | .0199518 | .0952257 |
| #2 | .3911637 | .0099035 | .0091857 | 9.540775 | .0208456 | .0953065 |
| #3 | .3887543 | .0101503 | .0092218 | 9.708567 | .0192545 | .0965587 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0493809 | .1527405 | .0321397 | 9.992201 | .0739433 | .0180901 |
| Stddev | .0019210 | .0323190 | .0015684 | .097041  | .0002206 | .0013802 |
| %RSD   | 3.890137 | 21.15939 | 4.879899 | .9711647 | .2983064 | 7.629826 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0472501 | .1168286 | .0331213 | 10.10227 | .0738514 | .0170365 |
| #2 | .0509803 | .1619064 | .0303308 | 9.91898  | .0737834 | .0175813 |
| #3 | .0499122 | .1794865 | .0329669 | 9.95535  | .0741949 | .0196525 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.463823 | .1021336 | .1045589 | 9.721459 | .0213166 | F -.010618 |
| Stddev | .477201  | .0107737 | .0059919 | .233381  | .0006695 | .001822    |
| %RSD   | 5.042370 | 10.54863 | 5.730651 | 2.400677 | 3.140669 | 17.16069   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.121448 | .0946439 | .1035966 | 9.677052 | .0207170 | -.012672 |
| #2 | 9.261105 | .1144808 | .0991064 | 9.513471 | .0220390 | -.009194 |
| #3 | 10.00892 | .0972761 | .1109738 | 9.973852 | .0211939 | -.009990 |

Sample Name: PB165396BS      Acquired: 12/16/2024 17:24:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS396      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0164703 | .1659666 | F .4874377 | .0139636 | .1904362 | .2013900 |
| Stddev | .0004332 | .0034125 | .0048520   | .0000822 | .0006341 | .0003264 |
| %RSD   | 2.630061 | 2.056121 | .9954054   | .5888484 | .3329588 | .1620775 |
| #1     | .0160768 | .1698270 | .4900805   | .0139101 | .1904377 | .2010801 |
| #2     | .0163997 | .1633523 | .4818381   | .0140582 | .1898013 | .2013592 |
| #3     | .0169345 | .1647205 | .4903946   | .0139224 | .1910694 | .2017307 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0188671 |
| Stddev | .0033913   |
| %RSD   | 17.97470   |
| #1     | .0177074   |
| #2     | .0162078   |
| #3     | .0226861   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2061.882 | 24968.94 | 2424.206 | 1738.261 | 2724.862 |
| Stddev    | 16.391   | 273.30   | 15.906   | 15.461   | 14.768   |
| %RSD      | .7949369 | 1.094561 | .6561217 | .8894399 | .5419557 |
| #1        | 2078.038 | 24857.89 | 2416.371 | 1732.853 | 2739.171 |
| #2        | 2062.342 | 24768.64 | 2442.509 | 1726.230 | 2725.738 |
| #3        | 2045.266 | 25280.28 | 2413.738 | 1755.699 | 2709.675 |

Sample Name: P5035-03      Acquired: 12/16/2024 17:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKL0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0390745 | .0352129 | .1599433 | -.029964 | .0177518 | 45.84570 | .5091420 |
| Stddev | .0030522 | .0049985 | .0036964 | .005465  | .0021196 | .31642   | .0039820 |
| %RSD   | 7.811246 | 14.19511 | 2.311075 | 18.23975 | 11.94005 | .6901826 | .7821063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0421635 | .0368873 | .1641931 | -.032041 | .0153045 | 46.19309 | .5137394 |
| #2 | .0360605 | .0295921 | .1574752 | -.023765 | .0189455 | 45.77002 | .5069116 |
| #3 | .0389995 | .0391592 | .1581616 | -.034087 | .0190052 | 45.57398 | .5067750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049524 | .0048863 | 721.1285 | .0736401 | .1052560 | .1304116 | 162.9728 |
| Stddev | .0000147 | .0001435 | 4.9175   | .0008332 | .0004949 | .0047374 | 1.1311   |
| %RSD   | .2959083 | 2.936183 | .6819197 | 1.131505 | .4701950 | 3.632655 | .6940291 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049439 | .0049275 | 726.6885 | .0727318 | .1057899 | .1298607 | 164.1953 |
| #2 | .0049439 | .0047267 | 719.3466 | .0743690 | .1048125 | .1259736 | 162.7596 |
| #3 | .0049693 | .0050046 | 717.3503 | .0738195 | .1051656 | .1354003 | 161.9634 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.250806 | 76.05336 | .1443753 | .0011852 | .6173326 | .1653642 | .3263446 |
| Stddev | .042205  | .56978   | .0007093 | .0006143 | .9892587 | .0047763 | .0082195 |
| %RSD   | .5820777 | .7491872 | .4913219 | 51.82806 | 160.2473 | 2.888371 | 2.518652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.298308 | 76.65057 | .1446818 | .0018905 | 1.530988 | .1640072 | .3186390 |
| #2 | 7.236485 | 75.99384 | .1435642 | .0008979 | .754271  | .1706721 | .3349961 |
| #3 | 7.217624 | 75.51568 | .1448798 | .0007672 | -.433261 | .1614131 | .3253986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.620058 | 8.841516 | .0522294 | -.000618 | .8122128 | 5.872356 | .0199593 |
| Stddev | .122760  | .019991  | .0056172 | .000514  | .0039744 | .106738  | .0008308 |
| %RSD   | 1.854362 | .2261040 | 10.75492 | 83.15242 | .4893327 | 1.817641 | 4.162601 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.680711 | 8.838590 | .0571594 | -.000976 | .8124971 | 5.883766 | .0209151 |
| #2 | 6.700685 | 8.823150 | .0461141 | -.000029 | .8081039 | 5.972930 | .0195531 |
| #3 | 6.478777 | 8.862809 | .0534146 | -.000849 | .8160375 | 5.760370 | .0194097 |

Sample Name: P5035-03      Acquired: 12/16/2024 17:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKL0      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6844486 | .3714548 | .0857397 |
| Stddev | .0040921 | .0021172 | .0035626 |
| %RSD   | .5978631 | .5699743 | 4.155169 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6890707 | .3730201 | .0892891 |
| #2 | .6812879 | .3722985 | .0857661 |
| #3 | .6829872 | .3690459 | .0821640 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2235.053 | 27583.35 | 2793.678 | 1917.939 | 2384.103 |
| Stddev    | 7.586    | 395.84   | 34.184   | 24.722   | 10.501   |
| %RSD      | .3393923 | 1.435085 | 1.223618 | 1.288989 | .4404798 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2233.834 | 28037.77 | 2769.371 | 1945.868 | 2380.935 |
| #2 | 2243.174 | 27398.80 | 2778.899 | 1909.089 | 2395.824 |
| #3 | 2228.150 | 27313.48 | 2832.765 | 1898.861 | 2375.550 |

Sample Name: PB165396BL      Acquired: 12/16/2024 17:19:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS396      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001536 | .0010897 | -.000646 | -.002183 | .0031259 | .0385850 | -.001114 |
| Stddev | .001628  | .0012993 | .001107  | .003868  | .0022114 | .0133405 | .000599  |
| %RSD   | 105.9555 | 119.2306 | 171.3630 | 177.2163 | 70.74487 | 34.57437 | 53.75222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000092 | .0002809 | .000476  | -.002780 | .0035898 | .0237129 | -.000499 |
| #2 | -.003300 | .0025884 | -.001737 | -.005718 | .0007194 | .0494974 | -.001696 |
| #3 | -.001217 | .0003999 | -.000676 | .001949  | .0050686 | .0425447 | -.001147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000078 | -.000010 | .0122451 | -.000162 | -.000172 | .0013770 | -.027211 |
| Stddev | .000038  | .000085  | .0489788 | .000287  | .000074  | .0064900 | .057468  |
| %RSD   | 48.35484 | 884.3932 | 399.9882 | 176.8134 | 42.84626 | 471.3110 | 211.1923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000122 | -.000044 | -.044177 | -.000149 | -.000177 | -.005593 | -.058915 |
| #2 | -.000059 | -.000072 | .037086  | .000118  | -.000096 | .002479  | -.061844 |
| #3 | -.000054 | .000087  | .043826  | -.000456 | -.000243 | .007246  | .039125  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000057 | .0369730 | .0004038 | -.001190 | -.143886 | .0000929 | -.007156 |
| Stddev | .002532  | .0505229 | .0005010 | .000929  | .326929  | .0091600 | .003071  |
| %RSD   | 4452.896 | 136.6482 | 124.0825 | 78.10493 | 227.2145 | 9864.332 | 42.91851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002729  | -.020861 | -.000019 | -.000589 | -.184032 | .0020778 | -.009186 |
| #2 | -.002216 | .059258  | .000273  | -.000720 | .201263  | -.009897 | -.008659 |
| #3 | -.000684 | .072522  | .000957  | -.002260 | -.448888 | .008098  | -.003623 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3025733 | .0037870 | -.007938 | -.000229 | -.005623 | .0002917 | -.001014 |
| Stddev | .0676936 | .0011107 | .001030  | .000161  | .001917  | .0012189 | .001478  |
| %RSD   | 22.37262 | 29.32807 | 12.96984 | 69.99894 | 34.09223 | 417.8388 | 145.8104 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3515768 | .0025784 | -.007412 | -.000105 | -.004221 | .0016836 | -.001107 |
| #2 | .2253324 | .0047628 | -.007278 | -.000173 | -.007808 | -.000223 | .000509  |
| #3 | .3308105 | .0040198 | -.009124 | -.000410 | -.004841 | -.000586 | -.002443 |

Sample Name: PB165396BL      Acquired: 12/16/2024 17:19:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS396      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003405 | -.000005 | -.008267 |
| Stddev | .002826  | .000286  | .005136  |
| %RSD   | 83.00209 | 5776.509 | 62.12354 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002617 | .000056  | -.014193 |
| #2 | -.006542 | .000245  | -.005121 |
| #3 | -.001057 | -.000316 | -.005487 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2023.513 | 24881.85 | 2418.029 | 1731.737 | 2681.070 |
| Stddev    | 3.210    | 283.05   | 11.707   | 17.973   | 2.181    |
| %RSD      | .1586494 | 1.137569 | .4841723 | 1.037845 | .0813601 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2020.347 | 24944.22 | 2412.026 | 1739.365 | 2679.087 |
| #2 | 2023.426 | 25128.51 | 2410.542 | 1744.637 | 2680.716 |
| #3 | 2026.766 | 24572.82 | 2431.521 | 1711.208 | 2683.407 |



Sample Name: P5035-02      Acquired: 12/16/2024 17:31:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0512300 | .0335449 | .2150275 | -.030611 | .0178904 | 48.75060 | .5983549 |
| Stddev | .0024718 | .0007040 | .0019530 | .003927  | .0015030 | .08546   | .0020197 |
| %RSD   | 4.824825 | 2.098625 | .9082312 | 12.82805 | 8.401020 | .1753040 | .3375445 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0484034 | .0328666 | .2138780 | -.032439 | .0195445 | 48.69988 | .5983803 |
| #2 | .0529857 | .0334962 | .2139221 | -.026103 | .0175182 | 48.84926 | .6003618 |
| #3 | .0523010 | .0342720 | .2172824 | -.033290 | .0166085 | 48.70264 | .5963226 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045900 | .0033594 | 487.8484 | .0782747 | .1069726 | .1944182 | 145.9396 |
| Stddev | .0001090 | .0000375 | 1.3442   | .0011299 | .0006476 | .0043892 | .3956    |
| %RSD   | 2.375738 | 1.116977 | .2755323 | 1.443438 | .6054036 | 2.257607 | .2710861 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046140 | .0033709 | 488.9654 | .0784539 | .1076938 | .1973979 | 146.0665 |
| #2 | .0046851 | .0033899 | 488.2231 | .0770660 | .1067833 | .1964787 | 146.2562 |
| #3 | .0044710 | .0033175 | 486.3566 | .0793043 | .1064407 | .1893778 | 145.4961 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.789307 | 100.4547 | .1435003 | .0018151 | .5522494 | .1515681 | .5771454 |
| Stddev | .029062  | .2488    | .0013446 | .0001867 | .3748412 | .0076918 | .0028303 |
| %RSD   | .3730962 | .2477086 | .9370244 | 10.28777 | 67.87535 | 5.074796 | .4903933 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.779706 | 100.2592 | .1449724 | .0018412 | .4139495 | .1463325 | .5739307 |
| #2 | 7.821954 | 100.7348 | .1423367 | .0019873 | .2662081 | .1603992 | .5792623 |
| #3 | 7.766261 | 100.3700 | .1431918 | .0016166 | .9765905 | .1479726 | .5782434 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.338728 | 8.045662 | .0293217 | .0024861 | 1.018713 | 6.642126 | .0203718 |
| Stddev | .066644  | .039433  | .0002977 | .0004297 | .009429  | .041923  | .0016210 |
| %RSD   | 1.996075 | .4901106 | 1.015111 | 17.28293 | .9256085 | .6311683 | 7.957257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.363744 | 8.061267 | .0294347 | .0026999 | 1.024105 | 6.595484 | .0210012 |
| #2 | 3.263196 | 8.000815 | .0295464 | .0019914 | 1.007826 | 6.676668 | .0215837 |
| #3 | 3.389243 | 8.074904 | .0289841 | .0027669 | 1.024209 | 6.654227 | .0185305 |

Sample Name: P5035-02      Acquired: 12/16/2024 17:31:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5280763 | .3530492 | .0770982 |
| Stddev | .0032436 | .0006138 | .0008894 |
| %RSD   | .6142313 | .1738683 | 1.153656 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5318000 | .3526927 | .0769302 |
| #2 | .5258660 | .3537580 | .0780597 |
| #3 | .5265629 | .3526970 | .0763048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2241.228 | 27799.30 | 2799.009 | 1927.125 | 2423.517 |
| Stddev    | 6.890    | 240.30   | 15.132   | 17.540   | 11.734   |
| %RSD      | .3074077 | .8644026 | .5406229 | .9101633 | .4841706 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2245.661 | 28076.23 | 2816.330 | 1947.324 | 2424.784 |
| #2 | 2244.732 | 27645.87 | 2792.344 | 1915.737 | 2434.567 |
| #3 | 2233.290 | 27675.79 | 2788.354 | 1918.314 | 2411.202 |

Sample Name: P5036-05      Acquired: 12/17/2024 1:09:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0509356 | .0327412 | .2287854 | -.037894 | .0215310 | 72.45866 | .9695962 |
| Stddev | .0027775 | .0015092 | .0020489 | .004245  | .0015346 | .07587   | .0011632 |
| %RSD   | 5.452957 | 4.609578 | .8955760 | 11.20269 | 7.127573 | .1047053 | .1199662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0540877 | .0317312 | .2310883 | -.041525 | .0216902 | 72.39512 | .9682536 |
| #2 | .0498719 | .0320162 | .2271642 | -.038931 | .0199229 | 72.54266 | .9702358 |
| #3 | .0488471 | .0344761 | .2281036 | -.033227 | .0229798 | 72.43821 | .9702993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056676 | .0037873 | 587.9866 | .1142654 | .1124432 | .0849970 | 155.7772 |
| Stddev | .0001886 | .0001120 | .4520    | .0017844 | .0005818 | .0016038 | .0261    |
| %RSD   | 3.327442 | 2.957338 | .0768703 | 1.561596 | .5174120 | 1.886881 | .0167348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054512 | .0038256 | 588.2705 | .1161835 | .1125606 | .0832156 | 155.7694 |
| #2 | .0057968 | .0036612 | 588.2238 | .1139578 | .1118116 | .0854493 | 155.7560 |
| #3 | .0057549 | .0038752 | 587.4654 | .1126548 | .1129573 | .0863261 | 155.8063 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.080785 | 78.71800 | .1664572 | -.000708 | 2.346920 | .1701490 | .3820142 |
| Stddev | .004948  | .41926   | .0008756 | .000738  | .097797  | .0011521 | .0015807 |
| %RSD   | .0813709 | .5326107 | .5260145 | 104.1816 | 4.167034 | .6771376 | .4137883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.076095 | 78.55142 | .1655506 | -.001560 | 2.445916 | .1712708 | .3838358 |
| #2 | 6.080304 | 78.40764 | .1665230 | -.000301 | 2.250368 | .1702075 | .3812037 |
| #3 | 6.085956 | 79.19495 | .1672981 | -.000264 | 2.344477 | .1689687 | .3810030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.664646 | 7.595141 | .0349209 | .0028962 | 2.247799 | 8.068929 | .0325859 |
| Stddev | .196225  | .027829  | .0005333 | .0004082 | .004101  | .031278  | .0023406 |
| %RSD   | 5.354545 | .3664001 | 1.527059 | 14.09479 | .1824268 | .3876375 | 7.182827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.570094 | 7.594579 | .0353551 | .0033383 | 2.249537 | 8.064707 | .0342663 |
| #2 | 3.890246 | 7.567598 | .0343257 | .0025336 | 2.243116 | 8.039975 | .0335789 |
| #3 | 3.533599 | 7.623247 | .0350820 | .0028166 | 2.250745 | 8.102103 | .0299125 |

Sample Name: P5036-05      Acquired: 12/17/2024 1:09:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8105162 | .4564315 | .1011561 |
| Stddev | .0006312 | .0013317 | .0017789 |
| %RSD   | .0778718 | .2917544 | 1.758526 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8110129 | .4548960 | .0991284 |
| #2 | .8098060 | .4572700 | .1024538 |
| #3 | .8107298 | .4571285 | .1018862 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2226.728 | 27310.92 | 2775.634 | 1891.962 | 2364.333 |
| Stddev    | 7.626    | 120.34   | 9.695    | 5.845    | 10.018   |
| %RSD      | .3424840 | .4406261 | .3493018 | .3089326 | .4237021 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2232.126 | 27325.90 | 2779.000 | 1892.326 | 2363.879 |
| #2 | 2230.054 | 27183.79 | 2764.704 | 1885.943 | 2374.570 |
| #3 | 2218.003 | 27423.07 | 2783.198 | 1897.616 | 2354.550 |

Sample Name: P5030-22      Acquired: 12/17/2024 0:50:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1651997 | .0201290 | .4994056 | .0165440 | .0496212 | 100.6260 | .6878950 |
| Stddev | .0010226 | .0018641 | .0039175 | .0011415 | .0019682 | .1898    | .0020631 |
| %RSD   | .6189910 | 9.260580 | .7844341 | 6.899461 | 3.966553 | .1886340 | .2999183 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1646049 | .0222026 | .4993113 | .0158537 | .0508923 | 100.4664 | .6857639 |
| #2 | .1663804 | .0185923 | .5033695 | .0178616 | .0506172 | 100.5758 | .6898826 |
| #3 | .1646136 | .0195921 | .4955362 | .0159168 | .0473540 | 100.8359 | .6880387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078940 | .0051487 | 22.76461 | .1420091 | .1492557 | .2566344 | 259.1706 |
| Stddev | .0000677 | .0000403 | .05889   | .0007878 | .0003361 | .0086166 | .4896    |
| %RSD   | .8572965 | .7827748 | .2587070 | .5547343 | .2251839 | 3.357551 | .1889219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079080 | .0051399 | 22.70545 | .1414316 | .1496147 | .2600961 | 258.6261 |
| #2 | .0078204 | .0051135 | 22.76514 | .1416893 | .1489486 | .2629819 | 259.5747 |
| #3 | .0079536 | .0051926 | 22.82323 | .1429065 | .1492038 | .2468253 | 259.3108 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.84123 | 24.76221 | .1912839 | .0035974 | 9.960051 | .2346481 | .6938720 |
| Stddev | .03424   | .06336   | .0003625 | .0004431 | .586512  | .0029198 | .0032735 |
| %RSD   | .2032890 | .2558630 | .1895281 | 12.31738 | 5.888647 | 1.244331 | .4717764 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.80886 | 24.70116 | .1909887 | .0032047 | 10.32454 | .2346495 | .6908290 |
| #2 | 16.87706 | 24.75784 | .1911746 | .0040778 | 9.28348  | .2375672 | .6973354 |
| #3 | 16.83776 | 24.82765 | .1916885 | .0035097 | 10.27213 | .2317276 | .6934516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.470118 | 2.827643 | .0460529 | .0037537 | 2.556883 | 9.065790 | .0300544 |
| Stddev | .109602  | .008013  | .0023801 | .0003883 | .006279  | .059731  | .0019368 |
| %RSD   | 1.467207 | .2833953 | 5.168226 | 10.34376 | .2455664 | .6588591 | 6.444463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.388080 | 2.834342 | .0435930 | .0037561 | 2.558825 | 9.119468 | .0281896 |
| #2 | 7.594593 | 2.818765 | .0483443 | .0041408 | 2.549862 | 9.076458 | .0299174 |
| #3 | 7.427680 | 2.829820 | .0462214 | .0033643 | 2.561961 | 9.001444 | .0320560 |

Sample Name: P5030-22      Acquired: 12/17/2024 0:50:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG5      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.172340 | -.150118 | .0774726 |
| Stddev | .006239  | .000464  | .0038916 |
| %RSD   | .5322001 | .3088462 | 5.023181 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.165413 | -.149786 | .0732391 |
| #2 | 1.177517 | -.150648 | .0782845 |
| #3 | 1.174091 | -.149921 | .0808941 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | ln2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2396.585 | 29362.76 | 2874.391 | 2040.037 | 2553.160 |
| Stddev    | 12.339   | 85.54    | 2.496    | 13.863   | 13.149   |
| %RSD      | .5148660 | .2913231 | .0868267 | .6795332 | .5150051 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2402.881 | 29445.22 | 2871.789 | 2055.935 | 2563.354 |
| #2 | 2404.507 | 29368.61 | 2876.765 | 2033.705 | 2557.806 |
| #3 | 2382.368 | 29274.44 | 2874.618 | 2030.471 | 2538.318 |

Sample Name: P5035-06      Acquired: 12/16/2024 17:47:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0916661 | .0287444 | 1.248694 | -.031114 | .0178981 | 64.42414 |
| Stddev | .0032723 | .0011536 | .006821  | .001585  | .0031712 | .94231   |
| %RSD   | 3.569816 | 4.013217 | .5462436 | 5.093517 | 17.71812 | 1.462660 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0894680 | .0284669 | 1.245798 | -.030354 | .0183646 | 65.45784 |
| #2 | .0901036 | .0277549 | 1.243800 | -.032936 | .0145195 | 63.61310 |
| #3 | .0954268 | .0300114 | 1.256485 | -.030053 | .0208102 | 64.20150 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6110410 | .0055442 | .0068183 | F 821.7441 | .1277712 | .1146062 |
| Stddev | .0083585 | .0000791 | .0000869 | 11.8548    | .0008340 | .0009322 |
| %RSD   | 1.367913 | 1.427263 | 1.274850 | 1.442643   | .6527363 | .8134024 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6196353 | .0056077 | .0067209 | 834.5436 | .1269617 | .1135298 |
| #2 | .6029402 | .0055693 | .0068881 | 811.1411 | .1277242 | .1151498 |
| #3 | .6105474 | .0054555 | .0068458 | 819.5478 | .1286277 | .1151391 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1900863 | 147.7440 | 6.164150 | 141.3210 | .1693413 | .0025856 |
| Stddev | .0065802 | 1.8018   | .082632  | 2.1266   | .0012401 | .0016859 |
| %RSD   | 3.461703 | 1.219569 | 1.340532 | 1.504807 | .7323177 | 65.20304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1942900 | 149.7803 | 6.255164 | 143.7620 | .1688423 | .0044528 |
| #2 | .1825030 | 146.3562 | 6.093834 | 139.8690 | .1684284 | .0011753 |
| #3 | .1934659 | 147.0953 | 6.143451 | 140.3319 | .1707532 | .0021285 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.154178 | .1713212 | 1.256827 | 7.524781 | 7.285279 | .0450097 |
| Stddev | .470444  | .0059005 | .018950  | .154398  | .027403  | .0033095 |
| %RSD   | 14.91495 | 3.444141 | 1.507783 | 2.051862 | .3761396 | 7.352845 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.434389 | .1780733 | 1.235018 | 7.670351 | 7.279320 | .0483850 |
| #2 | 2.611048 | .1687347 | 1.266187 | 7.362857 | 7.261346 | .0417701 |
| #3 | 3.417098 | .1671557 | 1.269276 | 7.541136 | 7.315171 | .0448739 |

Sample Name: P5035-06      Acquired: 12/16/2024 17:47:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044718 | 10.88265 | 7.355859 | .0464171 | .6838199 | .4493521 |
| Stddev | .0002757 | .06465   | .062176  | .0027251 | .0043949 | .0059192 |
| %RSD   | 6.164532 | .5940259 | .8452590 | 5.870879 | .6427000 | 1.317280 |
| #1     | .0042553 | 10.82539 | 7.424081 | .0444032 | .6887873 | .4557341 |
| #2     | .0047821 | 10.86980 | 7.341118 | .0495179 | .6804367 | .4440422 |
| #3     | .0043780 | 10.95276 | 7.302378 | .0453301 | .6822358 | .4482799 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0776001 |
| Stddev | .0041451 |
| %RSD   | 5.341631 |
| #1     | .0752219 |
| #2     | .0751919 |
| #3     | .0823864 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2126.826 | 26044.87 | 2663.893 | 1821.077 | 2348.154 |
| Stddev    | 8.328    | 150.22   | 34.332   | 11.082   | 11.396   |
| %RSD      | .3915860 | .5767664 | 1.288797 | .6085405 | .4853146 |
| #1        | 2131.715 | 26181.68 | 2625.425 | 1833.733 | 2355.314 |
| #2        | 2131.554 | 26068.81 | 2691.426 | 1816.385 | 2354.134 |
| #3        | 2117.210 | 25884.12 | 2674.828 | 1813.112 | 2335.012 |



Sample Name: P5035-05      Acquired: 12/16/2024 17:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0250051 | .0411269 | .2880260 | -.049274 | -.006495 | 16.66064 |
| Stddev | .0029720 | .0023426 | .0040959 | .005661  | .002577  | .12740   |
| %RSD   | 11.88568 | 5.696109 | 1.422065 | 11.48817 | 39.67832 | .7646543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0282883 | .0414525 | .2847464 | -.055739 | -.004905 | 16.64090 |
| #2 | .0224982 | .0386385 | .2867145 | -.045207 | -.005112 | 16.79676 |
| #3 | .0242289 | .0432897 | .2926170 | -.046875 | -.009469 | 16.54427 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1347164 | .0022498 | .0024510 | F 1649.832 | .0432942 | .0794551 |
| Stddev | .0007385 | .0001642 | .0001522 | 17.684     | .0007828 | .0003264 |
| %RSD   | .5482032 | 7.296606 | 6.210440 | 1.071855   | 1.807994 | .4108611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1342389 | .0021391 | .0023280 | 1631.734 | .0432970 | .0797725 |
| #2 | .1355670 | .0021720 | .0024039 | 1667.070 | .0440755 | .0791203 |
| #3 | .1343432 | .0024385 | .0026212 | 1650.694 | .0425100 | .0794725 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0616715 | 61.97942 | 2.711432 | 259.3992 | .0807892 | -.000147 |
| Stddev | .0036472 | .38407   | .020379  | 1.9965   | .0011399 | .000611  |
| %RSD   | 5.913866 | .6196717 | .7515832 | .7696548 | 1.410970 | 414.6125 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0585685 | 62.16349 | 2.717277 | 260.6052 | .0799596 | -.000848 |
| #2 | .0607572 | 62.23682 | 2.728250 | 260.4977 | .0803189 | .000269  |
| #3 | .0656889 | 61.53796 | 2.688770 | 257.0947 | .0820890 | .000137  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.470385 | .0445771 | .3021924 | 2.553684 | 2.448201 | .0516134 |
| Stddev | .664790  | .0009697 | .0110103 | .125233  | .013746  | .0008281 |
| %RSD   | 45.21197 | 2.175383 | 3.643460 | 4.904028 | .5614693 | 1.604348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.228556 | .0435859 | .3059955 | 2.458069 | 2.436589 | .0520063 |
| #2 | 1.195357 | .0446216 | .3107970 | 2.695442 | 2.444637 | .0506620 |
| #3 | .987242  | .0455239 | .2897848 | 2.507540 | 2.463378 | .0521718 |

Sample Name: P5035-05      Acquired: 12/16/2024 17:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004321 | 26.50653 | 3.585114 | .0218188 | .1385165 | 1.031404 |
| Stddev | .0004321 | .07587   | .005538  | .0019302 | .0053548 | .007891  |
| %RSD   | 100.0001 | .2862330 | .1544685 | 8.846278 | 3.865788 | .7651022 |
| #1     | .0001193 | 26.46018 | 3.590861 | .0204145 | .1327615 | 1.033114 |
| #2     | .0009251 | 26.46532 | 3.579812 | .0210221 | .1394363 | 1.038300 |
| #3     | .0002518 | 26.59408 | 3.584668 | .0240198 | .1433519 | 1.022798 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0283468 |
| Stddev | .0027770 |
| %RSD   | 9.796645 |
| #1     | .0259692 |
| #2     | .0276723 |
| #3     | .0313990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1995.045 | 24628.62 | 2560.709 | 1702.310 | 2200.540 |
| Stddev    | 4.597    | 57.91    | 11.640   | 7.515    | .838     |
| %RSD      | .2304026 | .2351515 | .4545450 | .4414348 | .0380971 |
| #1        | 1989.907 | 24640.01 | 2560.341 | 1710.311 | 2199.660 |
| #2        | 1996.457 | 24565.85 | 2549.258 | 1695.401 | 2201.330 |
| #3        | 1998.769 | 24679.99 | 2572.529 | 1701.218 | 2200.630 |

Sample Name: P5035-04      Acquired: 12/16/2024 17:39:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0345780 | .0194872 | .2761858 | -.018485 | .0386530 | 59.52882 |
| Stddev | .0021819 | .0010329 | .0010860 | .004338  | .0021575 | .24794   |
| %RSD   | 6.310001 | 5.300186 | .3932127 | 23.46708 | 5.581654 | .4165081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0360848 | .0206752 | .2754396 | -.014266 | .0402655 | 59.81092 |
| #2 | .0320759 | .0189837 | .2756862 | -.022933 | .0362022 | 59.34546 |
| #3 | .0355731 | .0188026 | .2774317 | -.018255 | .0394913 | 59.43008 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6518698 | .0067487 | .0053529 | 500.0418 | .0936926 | .1251160 |
| Stddev | .0026851 | .0001089 | .0000915 | 1.9556   | .0005450 | .0007643 |
| %RSD   | .4119047 | 1.612837 | 1.708816 | .3910942 | .5816584 | .6108967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6549610 | .0066590 | .0052655 | 502.2935 | .0932725 | .1259864 |
| #2 | .6501168 | .0067173 | .0053453 | 499.0646 | .0943084 | .1248071 |
| #3 | .6505317 | .0068698 | .0054479 | 498.7674 | .0934969 | .1245544 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1112545 | 250.5597 | 6.517873 | 78.81269 | .1959672 | .0025274 |
| Stddev | .0012310 | 1.4749   | .037233  | .61069   | .0007416 | .0001896 |
| %RSD   | 1.106456 | .5886395 | .5712436 | .7748579 | .3784543 | 7.500419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1113123 | 252.2622 | 6.559617 | 79.42887 | .1955033 | .0024538 |
| #2 | .1099957 | 249.7440 | 6.488093 | 78.20765 | .1955758 | .0023857 |
| #3 | .1124556 | 249.6728 | 6.505908 | 78.80155 | .1968226 | .0027427 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4436666 | .2411189 | .3309976 | 8.504496 | F 11.18302 | .0665700 |
| Stddev | .3381708 | .0068191 | .0020055 | .058736  | .04730     | .0040940 |
| %RSD   | 76.22183 | 2.828104 | .6059030 | .6906482 | .4229691   | 6.149978 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1023980 | .2419679 | .3321035 | 8.489430 | 11.19344 | .0680433 |
| #2 | .7786521 | .2339151 | .3322067 | 8.569298 | 11.13138 | .0619432 |
| #3 | .4499498 | .2474738 | .3286826 | 8.454761 | 11.22425 | .0697235 |

Sample Name: P5035-04      Acquired: 12/16/2024 17:39:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001845 | .7883136 | 7.385104 | .0295355 | 1.667524 | .1899620 |
| Stddev | .0007621 | .0088780 | .066696  | .0016924 | .006494  | .0010089 |
| %RSD   | 413.0700 | 1.126202 | .9031187 | 5.730131 | .3894344 | .5311245 |
| #1     | -.000570 | .7915557 | 7.462115 | .0286903 | 1.675019 | .1899838 |
| #2     | .000170  | .7782702 | 7.347256 | .0284323 | 1.663578 | .1889424 |
| #3     | .000954  | .7951148 | 7.345941 | .0314841 | 1.663975 | .1909599 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1112696 |
| Stddev | .0040845 |
| %RSD   | 3.670783 |
| #1     | .1084870 |
| #2     | .1093630 |
| #3     | .1159587 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2333.509 | 28799.82 | 2895.373 | 1994.794 | 2433.863 |
| Stddev    | 2.837    | 86.37    | 16.121   | 8.514    | 2.020    |
| %RSD      | .1215903 | .2998872 | .5567824 | .4268133 | .0829942 |
| #1        | 2336.750 | 28828.29 | 2877.737 | 1990.314 | 2433.987 |
| #2        | 2331.474 | 28702.81 | 2909.349 | 1989.456 | 2435.818 |
| #3        | 2332.302 | 28868.35 | 2899.033 | 2004.613 | 2431.784 |

Sample Name: P5035-07      Acquired: 12/16/2024 17:51:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0541559 | .0427597 | 1.059424 | -.042032 | .0047293 | 35.59335 |
| Stddev | .0025539 | .0050377 | .006302  | .002545  | .0020359 | .17438   |
| %RSD   | 4.715756 | 11.78144 | .5948301 | 6.055089 | 43.04973 | .4899217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0546439 | .0485743 | 1.066371 | -.044432 | .0060935 | 35.40657 |
| #2 | .0513933 | .0399979 | 1.054075 | -.042301 | .0057052 | 35.75188 |
| #3 | .0564306 | .0397068 | 1.057825 | -.039363 | .0023891 | 35.62160 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3195940 | .0034676 | .0182276 | F 1236.114 | .0686313 | .0954325 |
| Stddev | .0025332 | .0000578 | .0001595 | 14.715     | .0011655 | .0013803 |
| %RSD   | .7926361 | 1.667300 | .8750364 | 1.190420   | 1.698174 | 1.446339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3183209 | .0034108 | .0184112 | 1222.309 | .0673346 | .0970193 |
| #2 | .3225113 | .0034655 | .0181480 | 1251.595 | .0695916 | .0945095 |
| #3 | .3179499 | .0035264 | .0181235 | 1234.437 | .0689676 | .0947688 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0900531 | 108.9263 | 6.288884 | 670.3230 | .1018812 | .0010202 |
| Stddev | .0043426 | .4458    | .029792  | 3.3498   | .0016913 | .0013440 |
| %RSD   | 4.822228 | .4092590 | .4737274 | .4997284 | 1.660037 | 131.7339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0882441 | 108.6908 | 6.271481 | 668.2346 | .1037946 | .0006034 |
| #2 | .0869074 | 109.4404 | 6.323284 | 674.1868 | .1012631 | .0025232 |
| #3 | .0950077 | 108.6476 | 6.271887 | 668.5476 | .1005859 | -.000066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.845020 | .1031353 | 3.641339 | 5.740209 | 3.983697 | .0720278 |
| Stddev | .450797  | .0027678 | .029223  | .093147  | .016167  | .0020172 |
| %RSD   | 24.43317 | 2.683671 | .8025215 | 1.622710 | .4058225 | 2.800562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.174874 | .1052204 | 3.608006 | 5.738226 | 4.002294 | .0709748 |
| #2 | 1.331359 | .1041903 | 3.653459 | 5.834332 | 3.972988 | .0707550 |
| #3 | 2.028825 | .0999951 | 3.662551 | 5.648069 | 3.975810 | .0743536 |

Sample Name: P5035-07      Acquired: 12/16/2024 17:51:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011746 | 26.96289 | 5.949324 | .0330804 | .3009159 | .3952204 |
| Stddev | .0002418 | .14056   | .032389  | .0009683 | .0034524 | .0024214 |
| %RSD   | 20.58519 | .5212985 | .5444073 | 2.927031 | 1.147294 | .6126792 |
| #1     | .0009079 | 27.09405 | 5.930527 | .0327703 | .3023829 | .3928311 |
| #2     | .0013794 | 26.81452 | 5.986723 | .0341658 | .2969723 | .3976727 |
| #3     | .0012365 | 26.98010 | 5.930722 | .0323052 | .3033926 | .3951574 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0522237 |
| Stddev | .0035027 |
| %RSD   | 6.707058 |
| #1     | .0562245 |
| #2     | .0497097 |
| #3     | .0507367 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1956.140 | 24405.40 | 2551.880 | 1668.639 | 2170.558 |
| Stddev    | 13.425   | 232.33   | 9.736    | 20.529   | 14.296   |
| %RSD      | .6863255 | .9519692 | .3815330 | 1.230301 | .6586181 |
| #1        | 1942.083 | 24673.60 | 2561.256 | 1691.938 | 2156.104 |
| #2        | 1968.830 | 24265.81 | 2541.819 | 1660.775 | 2184.689 |
| #3        | 1957.507 | 24276.80 | 2552.564 | 1653.204 | 2170.881 |

Sample Name: P5035-08      Acquired: 12/16/2024 17:55:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1327433 | .0429908 | 5.750363 | -.022568 | .0246066 | 78.55047 |
| Stddev | .0021393 | .0018938 | .017866  | .000807  | .0009725 | .05605   |
| %RSD   | 1.611600 | 4.405031 | .3106886 | 3.577445 | 3.952354 | .0713566 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1322262 | .0421767 | 5.742273 | -.023456 | .0235769 | 78.49124 |
| #2 | .1350937 | .0451554 | 5.737974 | -.022370 | .0247334 | 78.55748 |
| #3 | .1309098 | .0416401 | 5.770843 | -.021878 | .0255095 | 78.60268 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.172447 | .0072797 | .0133189 | 499.1653 | .1425890 | .1273249 |
| Stddev | .002719  | .0001049 | .0001236 | .4855    | .0012583 | .0008297 |
| %RSD   | .2319406 | 1.441425 | .9282857 | .0972669 | .8824732 | .6516214 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.171356 | .0071764 | .0132179 | 498.6394 | .1427265 | .1273167 |
| #2 | 1.170442 | .0072764 | .0132820 | 499.5966 | .1412676 | .1264993 |
| #3 | 1.175542 | .0073862 | .0134568 | 499.2598 | .1437729 | .1281586 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3909011 | 157.8532 | 10.99306 | 278.8696 | .2014466 | .0048196 |
| Stddev | .0041901 | .4599    | .04144   | .9918    | .0010366 | .0004586 |
| %RSD   | 1.071911 | .2913651 | .3769330 | .3556579 | .5145580 | 9.514792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3907878 | 157.5372 | 10.96080 | 278.4571 | .2007483 | .0044796 |
| #2 | .3867687 | 157.6416 | 10.97858 | 278.1506 | .2009538 | .0053412 |
| #3 | .3951467 | 158.3808 | 11.03979 | 280.0011 | .2026376 | .0046382 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 19.94682 | .1511130 | 2.690804 | 7.314724 | F 10.92298 | .0496336 |
| Stddev | .46873   | .0101689 | .027430  | .155913  | .04638     | .0026559 |
| %RSD   | 2.349882 | 6.729327 | 1.019392 | 2.131492 | .4246354   | 5.351083 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 19.42629 | .1475286 | 2.684233 | 7.194244 | 10.89591 | .0526101 |
| #2 | 20.33551 | .1625887 | 2.720922 | 7.259110 | 10.89650 | .0487852 |
| #3 | 20.07864 | .1432217 | 2.667256 | 7.490818 | 10.97654 | .0475055 |

Sample Name: P5035-08      Acquired: 12/16/2024 17:55:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084500 | 10.79221 | 5.242011 | .1195787 | .6181060 | .2078757 |
| Stddev | .0004481 | .04725   | .074868  | .0022649 | .0031704 | .0001081 |
| %RSD   | 5.303251 | .4377758 | 1.428237 | 1.894044 | .5129231 | .0519776 |
| #1     | .0089572 | 10.74948 | 5.211490 | .1217256 | .6148622 | .2078207 |
| #2     | .0082854 | 10.78420 | 5.187224 | .1197986 | .6211975 | .2078063 |
| #3     | .0081075 | 10.84295 | 5.327319 | .1172119 | .6182584 | .2080002 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0801846 |
| Stddev | .0011228 |
| %RSD   | 1.400278 |
| #1     | .0813746 |
| #2     | .0791439 |
| #3     | .0800354 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2211.823 | 27279.00 | 2794.037 | 1881.818 | 2265.219 |
| Stddev    | 2.861    | 126.05   | 26.285   | 2.968    | 2.236    |
| %RSD      | .1293579 | .4620700 | .9407549 | .1577166 | .0987133 |
| #1        | 2213.644 | 27158.08 | 2799.261 | 1881.890 | 2267.800 |
| #2        | 2208.526 | 27269.31 | 2817.318 | 1878.815 | 2263.965 |
| #3        | 2213.301 | 27409.61 | 2765.532 | 1884.750 | 2263.891 |



Sample Name: P5032-18LX5      Acquired: 12/16/2024 20:58:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK72L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0218337 | .0140360 | .1783146 | -.004145 | .0041644 | 16.42023 | .3630166 |
| Stddev | .0041310 | .0001764 | .0002967 | .001750  | .0030065 | .04745   | .0007701 |
| %RSD   | 18.92020 | 1.256717 | .1664219 | 42.22736 | 72.19446 | .2889475 | .2121367 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0233398 | .0140551 | .1781399 | -.004390 | .0061367 | 16.47333 | .3621821 |
| #2 | .0171610 | .0142021 | .1781468 | -.005760 | .0056525 | 16.38201 | .3631679 |
| #3 | .0250003 | .0138509 | .1786573 | -.002285 | .0007041 | 16.40536 | .3636999 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014929 | .0012603 | 34.69340 | .0268500 | .0350222 | .0466897 | 39.36726 |
| Stddev | .0000992 | .0000622 | .13697   | .0004507 | .0003650 | .0058243 | .18477   |
| %RSD   | 6.645040 | 4.938919 | .3948144 | 1.678453 | 1.042152 | 12.47452 | .4693545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016063 | .0013304 | 34.84644 | .0273528 | .0346651 | .0403430 | 39.55766 |
| #2 | .0014505 | .0012113 | 34.65145 | .0264824 | .0353946 | .0479361 | 39.35543 |
| #3 | .0014220 | .0012393 | 34.58231 | .0267148 | .0350069 | .0517899 | 39.18869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.378458 | 5.925167 | .0322354 | .0000895 | .7711099 | .0315525 | .1359630 |
| Stddev | .009808  | .062135  | .0008141 | .0005895 | .1645531 | .0033478 | .0143156 |
| %RSD   | .2239969 | 1.048662 | 2.525499 | 658.6625 | 21.33977 | 10.61023 | 10.52904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.386496 | 5.996275 | .0314987 | .0004884 | .6125973 | .0293375 | .1418941 |
| #2 | 4.381347 | 5.881340 | .0320980 | .0003678 | .7596301 | .0354037 | .1196350 |
| #3 | 4.367530 | 5.897885 | .0331094 | -.000588 | .9411023 | .0299162 | .1463598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.401222 | 3.111689 | -.001776 | .0021203 | .5426012 | 2.300011 | .0075121 |
| Stddev | .092615  | .008528  | .001170  | .0005300 | .0037207 | .015792  | .0023179 |
| %RSD   | 6.609610 | .2740697 | 65.90868 | 24.99846 | .6857107 | .6865861 | 30.85523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.433647 | 3.121310 | -.002444 | .0027045 | .5453958 | 2.315834 | .0100945 |
| #2 | 1.473265 | 3.105059 | -.002458 | .0016701 | .5383779 | 2.299947 | .0068298 |
| #3 | 1.296754 | 3.108699 | -.000424 | .0019863 | .5440299 | 2.284251 | .0056119 |

Sample Name: P5032-18LX5      Acquired: 12/16/2024 20:58:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK72L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1266776 | .0311829 | .0168961 |
| Stddev | .0006813 | .0001817 | .0043977 |
| %RSD   | .5377892 | .5828213 | 26.02775 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1261317 | .0311326 | .0212968 |
| #2 | .1264599 | .0310316 | .0125015 |
| #3 | .1274411 | .0313845 | .0168900 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2245.296 | 27457.88 | 2714.831 | 1909.927 | 2809.697 |
| Stddev    | 1.313    | 68.36    | 9.660    | 10.626   | 2.866    |
| %RSD      | .0584648 | .2489746 | .3558076 | .5563794 | .1020005 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2246.426 | 27536.79 | 2711.087 | 1921.338 | 2807.009 |
| #2 | 2243.856 | 27416.60 | 2707.603 | 1900.315 | 2812.712 |
| #3 | 2245.606 | 27420.25 | 2725.802 | 1908.129 | 2809.371 |

Sample Name: CCV042      Acquired: 12/16/2024 21:02:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV042      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.870073 | 4.562877 | 23.71869 | 4.819964 | 4.962195 | 383.3350 | 9.605434 |
| Stddev | .015017  | .011999  | .04329   | .006091  | .018787  | 1.1558   | .033843  |
| %RSD   | .3083518 | .2629760 | .1825000 | .1263631 | .3785997 | .3015177 | .3523294 |
| #1     | 4.864266 | 4.551008 | 23.68342 | 4.824249 | 4.950723 | 383.5969 | 9.611284 |
| #2     | 4.887126 | 4.562622 | 23.70565 | 4.812992 | 4.951987 | 382.0707 | 9.569047 |
| #3     | 4.858827 | 4.575002 | 23.76700 | 4.822651 | 4.983876 | 384.3374 | 9.635970 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4864048 | 2.399773 | 385.0173 | 15.01541 | 2.457354 | 14.45948 | 381.5376 |
| Stddev | .0011807 | .005374  | 1.1651   | .02540   | .006858  | .06083   | 1.3379   |
| %RSD   | .2427379 | .2239255 | .3026124 | .1691757 | .2790616 | .4206623 | .3506478 |
| #1     | .4861903 | 2.395829 | 385.1318 | 14.98732 | 2.451751 | 14.48722 | 381.0495 |
| #2     | .4853460 | 2.397597 | 383.7992 | 15.02214 | 2.455310 | 14.38973 | 380.5124 |
| #3     | .4876780 | 2.405893 | 386.1210 | 15.03676 | 2.465001 | 14.50148 | 383.0510 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.43771 | 384.1725 | 2.429928 | 1.235388 | 384.4688 | 2.376421 | 14.65350 |
| Stddev | .04661   | 1.5023   | .007963  | .004477  | 2.1928   | .004169  | .04970   |
| %RSD   | .3228530 | .3910459 | .3277156 | .3623990 | .5703528 | .1754353 | .3391439 |
| #1     | 14.43654 | 383.1584 | 2.421398 | 1.230225 | 384.0335 | 2.379342 | 14.59674 |
| #2     | 14.39170 | 383.4608 | 2.431219 | 1.238180 | 382.5263 | 2.371647 | 14.67456 |
| #3     | 14.48490 | 385.8984 | 2.437167 | 1.237761 | 386.8467 | 2.378276 | 14.68920 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 147.8540 | 4.791731 | 4.716735 | 4.508411 | 4.837269 | 4.688136 | 4.808442 |
| Stddev | .6222    | .008633  | .009189  | .017694  | .028976  | .010735  | .007237  |
| %RSD   | .4208472 | .1801602 | .1948232 | .3924699 | .5990126 | .2289845 | .1505114 |
| #1     | 147.5429 | 4.787474 | 4.715447 | 4.499432 | 4.807683 | 4.699277 | 4.811286 |
| #2     | 147.4486 | 4.786053 | 4.708258 | 4.497006 | 4.838530 | 4.677859 | 4.800214 |
| #3     | 148.5704 | 4.801665 | 4.726501 | 4.528794 | 4.865594 | 4.687271 | 4.813825 |

Sample Name: CCV042      Acquired: 12/16/2024 21:02:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV042      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.757754 | 4.617921 | 4.817775 |
| Stddev | .012269  | .016955  | .016624  |
| %RSD   | .2578752 | .3671669 | .3450530 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.754099 | 4.620835 | 4.816820 |
| #2 | 4.747729 | 4.599698 | 4.801648 |
| #3 | 4.771436 | 4.633231 | 4.834855 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1671.164 | 22446.84 | 2363.163 | 1446.414 | 2150.587 |
| Stddev    | 8.324    | 83.80    | 12.442   | 6.055    | 6.623    |
| %RSD      | .4980999 | .3733435 | .5265175 | .4185975 | .3079495 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1670.724 | 22383.87 | 2351.635 | 1439.871 | 2151.676 |
| #2 | 1679.699 | 22541.95 | 2376.353 | 1447.551 | 2156.597 |
| #3 | 1663.068 | 22414.69 | 2361.502 | 1451.819 | 2143.487 |

Sample Name: PB165465BL      Acquired: 12/16/2024 21:09:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS465      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000820 | .0028364 | -.001945 | -.000491 | .0015049 | .0144882 | -.003422 |
| Stddev | .007026  | .0039734 | .002559  | .001700  | .0005883 | .0128864 | .001449  |
| %RSD   | 856.7854 | 140.0846 | 131.5528 | 346.3760 | 39.08993 | 88.94388 | 42.34423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007439 | .0048379 | .000489  | -.001795 | .0015770 | .0072057 | -.001876 |
| #2 | .006551  | .0054110 | -.004612 | .001432  | .0008840 | .0068919 | -.004749 |
| #3 | -.001572 | -.001740 | -.001711 | -.001110 | .0020539 | .0293671 | -.003640 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000058 | -.000064 | .0308929 | -.000631 | .0000580 | .0025983 | -.002972 |
| Stddev | .000111  | .000072  | .0179144 | .000465  | .0003210 | .0052001 | .027176  |
| %RSD   | 191.3738 | 113.3832 | 57.98854 | 73.70999 | 553.5181 | 200.1378 | 914.3394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000029 | -.000112 | .0327915 | -.001141 | -.000150 | -.003317 | .027535  |
| #2 | -.000180 | -.000099 | .0477824 | -.000230 | .000428  | .004664  | -.011863 |
| #3 | .000036  | .000019  | .0121049 | -.000523 | -.000104 | .006449  | -.024589 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000304 | .0184315 | .0002579 | -.001391 | .4296845 | .0048185 | .0022272 |
| Stddev | .002086  | .0282806 | .0001787 | .000523  | .2472476 | .0054403 | .0039244 |
| %RSD   | 685.9167 | 153.4365 | 69.28567 | 37.57120 | 57.54165 | 112.9056 | 176.2041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002712 | .0468835 | .0001554 | -.001987 | .5223123 | -.000476 | .0067574 |
| #2 | .000887  | .0180855 | .0004642 | -.001181 | .1494979 | .004538  | -.000131 |
| #3 | .000913  | -.009675 | .0001541 | -.001007 | .6172433 | .010394  | .000055  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5761800 | .0046129 | -.005027 | -.000319 | -.001639 | .0014109 | -.000431 |
| Stddev | .0292901 | .0012657 | .003002  | .000490  | .002564  | .0006148 | .000928  |
| %RSD   | 5.083501 | 27.43767 | 59.72388 | 153.9317 | 156.4642 | 43.57768 | 215.3858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6099184 | .0033929 | -.003935 | -.000877 | -.001584 | .0009199 | .000354  |
| #2 | .5572607 | .0045259 | -.002724 | -.000118 | .000898  | .0021005 | -.001455 |
| #3 | .5613610 | .0059198 | -.008422 | .000040  | -.004229 | .0012123 | -.000192 |

Sample Name: PB165465BL      Acquired: 12/16/2024 21:09:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS465      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004266 | -.000130 | -.010407 |
| Stddev | .005840  | .000052  | .002480  |
| %RSD   | 136.9001 | 40.16993 | 23.83346 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005345 | -.000150 | -.013211 |
| #2 | .002038  | -.000070 | -.008501 |
| #3 | -.009491 | -.000168 | -.009509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2009.647 | 24648.98 | 2393.549 | 1707.356 | 2643.966 |
| Stddev    | 11.692   | 50.87    | 10.336   | 3.424    | 10.100   |
| %RSD      | .5818099 | .2063602 | .4318458 | .2005244 | .3819931 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2012.762 | 24602.21 | 2405.148 | 1705.277 | 2647.037 |
| #2 | 2019.465 | 24703.13 | 2385.313 | 1711.308 | 2652.174 |
| #3 | 1996.712 | 24641.58 | 2390.188 | 1705.484 | 2632.687 |

Sample Name: CCB042      Acquired: 12/16/2024 21:05:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB042      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001215 | .0030580 | .0000994 | -.000116 | .0016714 | .0019306 | -.003131 |
| Stddev | .000875  | .0020768 | .0023151 | .002750  | .0030048 | .0200561 | .001496  |
| %RSD   | 71.98194 | 67.91440 | 2329.204 | 2377.402 | 179.7722 | 1038.824 | 47.78057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001999 | .0007492 | .0020061 | -.002322 | .0004379 | -.019419 | -.004658 |
| #2 | -.000272 | .0047740 | -.002477 | .002965  | -.000520 | .004834  | -.001667 |
| #3 | -.001374 | .0036509 | .000769  | -.000990 | .005097  | .020377  | -.003069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000018 | -.000075 | .0352102 | -.000127 | -.000113 | .0043983 | -.041589 |
| Stddev | .000065  | .000024  | .0397447 | .000755  | .000276  | .0030244 | .052059  |
| %RSD   | 371.2964 | 31.80913 | 112.8782 | 595.4019 | 245.1415 | 68.76386 | 125.1737 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000084 | -.000079 | .0116849 | -.000983 | .000198  | .0009144 | -.061158 |
| #2 | -.000016 | -.000049 | .0810985 | .000446  | -.000206 | .0059299 | .017418  |
| #3 | .000047  | -.000097 | .0128472 | .000156  | -.000330 | .0063505 | -.081028 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000392 | .0119743 | .0002050 | -.002030 | .6065559 | .0046727 | -.001488 |
| Stddev | .001271  | .1036258 | .0004100 | .000384  | .6700952 | .0030164 | .000984  |
| %RSD   | 324.1687 | 865.4045 | 199.9917 | 18.92194 | 110.4754 | 64.55265 | 66.11129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001857 | .0442217 | .0006718 | -.002076 | 1.343121 | .0016184 | -.000621 |
| #2 | .000260  | .0956422 | .0000400 | -.001625 | .443534  | .0076496 | -.002557 |
| #3 | .000421  | -.103941 | -.000097 | -.002389 | .033013  | .0047501 | -.001286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2451614 | .0039762 | -.000311 | -.000063 | .0033887 | -.000427 | .0003198 |
| Stddev | .1757295 | .0010645 | .001117  | .000171  | .0006085 | .001095  | .0011274 |
| %RSD   | 71.67912 | 26.77108 | 359.3156 | 270.7051 | 17.95772 | 256.5582 | 352.5762 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3361280 | .0047434 | -.000693 | -.000236 | .0031603 | .000633  | .0010373 |
| #2 | .3567599 | .0027609 | .000947  | .000106  | .0029274 | -.000360 | .0009017 |
| #3 | .0425964 | .0044241 | -.001187 | -.000059 | .0040784 | -.001553 | -.000980 |

Sample Name: CCB042      Acquired: 12/16/2024 21:05:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB042      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003874 | -.000052 | -.001912 |
| Stddev | .004897  | .000033  | .002921  |
| %RSD   | 126.4043 | 64.68545 | 152.7397 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001666 | -.000090 | .000478  |
| #2 | -.000470 | -.000032 | -.001046 |
| #3 | -.009486 | -.000033 | -.005168 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2039.877 | 24960.61 | 2438.775 | 1729.003 | 2686.559 |
| Stddev    | 5.195    | 66.93    | 4.923    | 4.633    | 5.754    |
| %RSD      | .2546778 | .2681277 | .2018760 | .2679702 | .2141891 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2039.041 | 25035.56 | 2444.456 | 1731.201 | 2683.855 |
| #2 | 2045.440 | 24906.83 | 2436.128 | 1723.680 | 2693.168 |
| #3 | 2035.151 | 24939.44 | 2435.742 | 1732.129 | 2682.655 |



Sample Name: PB165488BL      Acquired: 12/16/2024 21:17:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS488      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002955 | .0000706 | -.001123 | -.001506 | .0007989 | .0064510 | -.002940 |
| Stddev | .002665  | .0025110 | .000519  | .001759  | .0019770 | .0131988 | .001575  |
| %RSD   | 90.20540 | 3554.870 | 46.23978 | 116.7864 | 247.4732 | 204.6018 | 53.59347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002580 | -.001671 | -.000623 | -.002078 | -.001228 | .0195948 | -.003815 |
| #2 | -.005787 | -.001066 | -.001659 | -.002909 | .002721  | -.006802 | -.003883 |
| #3 | -.000497 | .002949  | -.001086 | .000468  | .000903  | .006560  | -.001121 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000092 | -.000073 | .0175793 | -.000208 | -.000077 | -.001359 | .0034992 |
| Stddev | .000124  | .000053  | .0496093 | .000549  | .000476  | .002531  | .0116694 |
| %RSD   | 135.4458 | 72.77473 | 282.2039 | 263.7672 | 618.4048 | 186.1958 | 333.4913 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000104 | -.000079 | .0739495 | .000331  | .000472  | -.003746 | -.008448 |
| #2 | -.000209 | -.000017 | -.019431 | -.000766 | -.000326 | -.001625 | .014869  |
| #3 | .000038  | -.000123 | -.001781 | -.000189 | -.000378 | .001294  | .004076  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003377 | .0227405 | .0004252 | -.002685 | .1727143 | .0014180 | -.003330 |
| Stddev | .0009926 | .0697061 | .0008687 | .000351  | 1.433192 | .0058237 | .008058  |
| %RSD   | 293.9460 | 306.5289 | 204.3119 | 13.08928 | 829.8053 | 410.7008 | 241.9789 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006662 | .0295633 | .0001004 | -.002779 | -.456692 | .0018504 | -.012598 |
| #2 | -.000778 | -.050126 | .0014095 | -.002981 | -.838074 | .0070134 | .000591  |
| #3 | .001124  | .088784  | -.000234 | -.002297 | 1.812908 | -.004610 | .002017  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5419886 | .0072301 | -.007881 | -.000358 | .0003406 | .0002813 | -.001013 |
| Stddev | .0283894 | .0017042 | .001255  | .000215  | .0062055 | .0003270 | .001485  |
| %RSD   | 5.238004 | 23.57161 | 15.92745 | 60.09152 | 1822.055 | 116.2598 | 146.5972 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5209022 | .0058620 | -.008609 | -.000408 | .0065682 | .0006589 | -.002146 |
| #2 | .5307951 | .0091391 | -.006431 | -.000544 | .0002962 | .0000892 | .000668  |
| #3 | .5742684 | .0066891 | -.008602 | -.000122 | -.005843 | .0000957 | -.001562 |

Sample Name: PB165488BL      Acquired: 12/16/2024 21:17:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: PBS488      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002983 | -.000081 | -.012883 |
| Stddev | .001674  | .000290  | .002234  |
| %RSD   | 56.13619 | 357.3188 | 17.33952 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003871 | .000138  | -.010931 |
| #2 | -.001051 | -.000410 | -.012399 |
| #3 | -.004026 | .000028  | -.015319 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2026.392 | 24675.12 | 2407.876 | 1716.455 | 2653.006 |
| Stddev    | 2.282    | 33.61    | 12.131   | 4.281    | 6.438    |
| %RSD      | .1126232 | .1362116 | .5038170 | .2494027 | .2426697 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2025.627 | 24680.57 | 2396.418 | 1712.153 | 2647.965 |
| #2 | 2028.959 | 24639.11 | 2406.627 | 1716.499 | 2660.258 |
| #3 | 2024.591 | 24705.67 | 2420.584 | 1720.714 | 2650.796 |

Sample Name: PB165465BS      Acquired: 12/16/2024 21:13:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS465      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201807 | .0485538 | .0203959 | .0552153 | .1027099 | .4064611 |
| Stddev | .0015650 | .0013899 | .0024522 | .0004092 | .0025331 | .0013363 |
| %RSD   | 7.754716 | 2.862670 | 12.02283 | .7410824 | 2.466266 | .3287672 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216158 | .0479937 | .0230866 | .0549077 | .1047806 | .4064697 |
| #2 | .0204141 | .0475312 | .0198142 | .0556797 | .0998855 | .4077931 |
| #3 | .0185121 | .0501363 | .0182869 | .0550585 | .1034636 | .4051206 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3906366 | .0100529 | .0094346 | 9.600010 | .0200791 | .1000521 |
| Stddev | .0026685 | .0000975 | .0000580 | .053020  | .0014260 | .0002976 |
| %RSD   | .6831231 | .9694811 | .6150761 | .5522881 | 7.101901 | .2973934 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3878756 | .0100794 | .0094013 | 9.595555 | .0216956 | .0997326 |
| #2 | .3932019 | .0101343 | .0094009 | 9.549359 | .0195426 | .1001023 |
| #3 | .3908322 | .0099449 | .0095016 | 9.655117 | .0189992 | .1003213 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0569850 | .1557932 | .0292093 | 10.04004 | .0774510 | .0189324 |
| Stddev | .0071690 | .0086459 | .0018278 | .08342   | .0003168 | .0013791 |
| %RSD   | 12.58050 | 5.549573 | 6.257498 | .8308970 | .4090897 | 7.284137 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0611526 | .1638720 | .0281971 | 9.96928  | .0770855 | .0187311 |
| #2 | .0487071 | .1568334 | .0313193 | 10.13203 | .0776476 | .0176650 |
| #3 | .0610955 | .1466744 | .0281116 | 10.01881 | .0776199 | .0204010 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.09210 | .1000564 | .1077528 | 9.909582 | .0236976 | F -.007717 |
| Stddev | .28220   | .0116606 | .0076330 | .064124  | .0023489 | .001348    |
| %RSD   | 2.544167 | 11.65401 | 7.083803 | .6470953 | 9.911856 | 17.47028   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.77030 | .0878692 | .0998291 | 9.904565 | .0245992 | -.008976 |
| #2 | 11.29745 | .1011929 | .1150574 | 9.976067 | .0210315 | -.007880 |
| #3 | 11.20853 | .1111071 | .1083719 | 9.848113 | .0254621 | -.006295 |

Sample Name: PB165465BS      Acquired: 12/16/2024 21:13:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS465      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0175347 | .1734322 | F .4879810 | .0125466 | .1895921 | .2048647 |
| Stddev | .0002413 | .0066742 | .0060963   | .0005112 | .0004679 | .0010334 |
| %RSD   | 1.375851 | 3.848275 | 1.249283   | 4.074652 | .2467697 | .5044226 |
| #1     | .0176125 | .1686526 | .4817473   | .0124652 | .1895605 | .2036933 |
| #2     | .0177275 | .1705865 | .4939298   | .0130936 | .1891408 | .2056470 |
| #3     | .0172642 | .1810575 | .4882658   | .0120809 | .1900749 | .2052539 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0163143 |
| Stddev | .0068912   |
| %RSD   | 42.24060   |
| #1     | .0105243   |
| #2     | .0144820   |
| #3     | .0239365   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2030.917 | 24975.43 | 2445.857 | 1732.162 | 2657.101 |
| Stddev    | 1.698    | 169.22   | 18.828   | 14.062   | 2.008    |
| %RSD      | .0835969 | .6775305 | .7697724 | .8118205 | .0755869 |
| #1        | 2031.620 | 24783.23 | 2448.519 | 1715.957 | 2658.825 |
| #2        | 2032.150 | 25102.00 | 2425.840 | 1739.377 | 2654.896 |
| #3        | 2028.980 | 25041.06 | 2463.212 | 1741.152 | 2657.582 |

Sample Name: P5032-20      Acquired: 12/16/2024 21:26:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK72S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1857139 | .1453017 | .9302110 | .1421562 | .1765687 | 76.85651 |
| Stddev | .0014394 | .0006099 | .0019036 | .0022232 | .0034982 | .20282   |
| %RSD   | .7750404 | .4197550 | .2046466 | 1.563916 | 1.981215 | .2638978 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1842124 | .1450755 | .9282734 | .1445196 | .1760899 | 76.93255 |
| #2 | .1858476 | .1448372 | .9302808 | .1401065 | .1802816 | 76.62666 |
| #3 | .1870817 | .1459924 | .9320788 | .1418425 | .1733345 | 77.01033 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.085010 | .0931408 | .1074941 | 152.2732 | .4839857 | 1.155222 |
| Stddev | .020241  | .0008243 | .0004289 | .4867    | .0015521 | .003718  |
| %RSD   | .3980538 | .8850185 | .3990080 | .3196152 | .3206879 | .3218758 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.093171 | .0932087 | .1070502 | 152.6636 | .4855068 | 1.151506 |
| #2 | 5.061962 | .0922847 | .1075258 | 151.7279 | .4824044 | 1.155219 |
| #3 | 5.099897 | .0939291 | .1079063 | 152.4281 | .4840458 | 1.158943 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6125349 | 175.6120 | 20.09062 | 26.18237 | 1.207377 | .0740168 |
| Stddev | .0024178 | .7163    | .06056   | .16081   | .003231  | .0007374 |
| %RSD   | .3947237 | .4078936 | .3014445 | .6141773 | .2676050 | .9962637 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6121567 | 175.9579 | 20.11373 | 26.12797 | 1.204658 | .0732560 |
| #2 | .6151195 | 174.7884 | 20.02191 | 26.05582 | 1.206523 | .0740662 |
| #3 | .6103284 | 176.0898 | 20.13623 | 26.36332 | 1.210949 | .0747283 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9331955 | 1.033403 | 1.407782 | 6.893859 | F 16.20876 | .0372959 |
| Stddev | .4686685 | .009367  | .018705  | .100731  | .01609     | .0022361 |
| %RSD   | 50.22190 | .9063840 | 1.328657 | 1.461165 | .0992529   | 5.995574 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4292001 | 1.038750 | 1.412476 | 6.858626 | 16.19703 | .0359809 |
| #2 | 1.355903 | 1.022588 | 1.423694 | 6.815477 | 16.20214 | .0398777 |
| #3 | 1.014484 | 1.038873 | 1.387178 | 7.007473 | 16.22710 | .0360290 |

Sample Name: P5032-20      Acquired: 12/16/2024 21:26:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK72S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0106731 | 2.830514 | 10.00895 | .0371551 | .5804734 | .1397916 |
| Stddev | .0004606 | .011099  | .06916   | .0010803 | .0057805 | .0012926 |
| %RSD   | 4.315879 | .3921136 | .6910238 | 2.907650 | .9958289 | .9246314 |
| #1     | .0105627 | 2.827594 | 9.98234  | .0382390 | .5831813 | .1392962 |
| #2     | .0111789 | 2.821167 | 9.95705  | .0371481 | .5738359 | .1388200 |
| #3     | .0102776 | 2.842781 | 10.08747 | .0360783 | .5844028 | .1412585 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1097332 |
| Stddev | .0016735 |
| %RSD   | 1.525029 |
| #1     | .1112387 |
| #2     | .1100296 |
| #3     | .1079314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2478.109 | 30460.66 | 3033.007 | 2119.667 | 2590.159 |
| Stddev    | 6.610    | 36.95    | 23.488   | 3.298    | 9.753    |
| %RSD      | .2667458 | .1212994 | .7744003 | .1556059 | .3765416 |
| #1        | 2485.717 | 30429.67 | 3031.462 | 2118.325 | 2601.222 |
| #2        | 2473.772 | 30501.55 | 3057.229 | 2123.425 | 2586.452 |
| #3        | 2474.838 | 30450.78 | 3010.331 | 2117.251 | 2582.804 |

Sample Name: PB165488BS      Acquired: 12/16/2024 21:22:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS488      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204105 | .0492295 | .0176632 | .0536845 | .1009602 | .4020159 |
| Stddev | .0010381 | .0035361 | .0009143 | .0015349 | .0015753 | .0062002 |
| %RSD   | 5.085985 | 7.182818 | 5.176247 | 2.859098 | 1.560361 | 1.542270 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0208483 | .0532077 | .0168414 | .0542692 | .1022813 | .3976751 |
| #2 | .0211580 | .0480367 | .0175003 | .0548411 | .0992167 | .4091168 |
| #3 | .0192253 | .0464441 | .0186480 | .0519432 | .1013826 | .3992557 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3824092 | .0097874 | .0091608 | 9.397830 | .0198702 | .0974322 |
| Stddev | .0008141 | .0001054 | .0000900 | .080694  | .0003561 | .0002993 |
| %RSD   | .2128841 | 1.076583 | .9820166 | .8586474 | 1.791925 | .3072071 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3833477 | .0097487 | .0090853 | 9.402182 | .0201159 | .0973551 |
| #2 | .3818931 | .0099066 | .0091367 | 9.315048 | .0200330 | .0971790 |
| #3 | .3819869 | .0097068 | .0092603 | 9.476261 | .0194619 | .0977626 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0501810 | .1835644 | .0301306 | 9.715331 | .0747970 | .0179225 |
| Stddev | .0017468 | .0133406 | .0012113 | .042649  | .0004915 | .0001563 |
| %RSD   | 3.480930 | 7.267520 | 4.020043 | .4389853 | .6571520 | .8721444 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0518243 | .1684674 | .0304479 | 9.751989 | .0751175 | .0177653 |
| #2 | .0483465 | .1884613 | .0311517 | 9.668523 | .0742311 | .0180779 |
| #3 | .0503722 | .1937646 | .0287923 | 9.725481 | .0750425 | .0179243 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.988161 | .0951585 | .0975845 | 9.756498 | .0236835 | F -.008133 |
| Stddev | 1.095277 | .0059121 | .0056582 | .077536  | .0017684 | .002075    |
| %RSD   | 10.96576 | 6.212861 | 5.798235 | .7947109 | 7.466660 | 25.51012   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.909306 | .0984626 | .1039020 | 9.687769 | .0223083 | -.006660 |
| #2 | 11.09915 | .0883330 | .0958685 | 9.840552 | .0256783 | -.007233 |
| #3 | 9.95602  | .0986799 | .0929829 | 9.741174 | .0230640 | -.010505 |

Sample Name: PB165488BS      Acquired: 12/16/2024 21:22:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: LCS488      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0163018 | .1692922 | F .4735680 | .0123195 | .1859453 | .1999311 |
| Stddev | .0006209 | .0063173 | .0025803   | .0020454 | .0006185 | .0006216 |
| %RSD   | 3.808680 | 3.731604 | .5448587   | 16.60328 | .3326084 | .3109130 |
| #1     | .0168910 | .1626732 | .4706271   | .0124304 | .1852467 | .1999505 |
| #2     | .0156534 | .1752569 | .4754522   | .0102208 | .1861664 | .2005428 |
| #3     | .0163609 | .1699466 | .4746247   | .0143072 | .1864229 | .1993001 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0140058 |
| Stddev | .0010727   |
| %RSD   | 7.659369   |
| #1     | .0129924   |
| #2     | .0151294   |
| #3     | .0138954   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2062.377 | 25119.39 | 2479.074 | 1747.992 | 2702.061 |
| Stddev    | 4.909    | 117.86   | 8.772    | 6.087    | 6.933    |
| %RSD      | .2380304 | .4692182 | .3538454 | .3482182 | .2565757 |
| #1        | 2067.000 | 25160.79 | 2483.248 | 1753.024 | 2707.294 |
| #2        | 2062.905 | 24986.41 | 2468.994 | 1741.227 | 2704.690 |
| #3        | 2057.225 | 25210.97 | 2484.979 | 1749.726 | 2694.198 |



Sample Name: P5038-01      Acquired: 12/16/2024 21:37:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK83      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1112046 | .0155684 | 1.089148 | -.008146 | .0251366 | 70.37986 | .7161551 |
| Stddev | .0087564 | .0004676 | .000682  | .002683  | .0009143 | .12369   | .0012258 |
| %RSD   | 7.874097 | 3.003701 | .0626443 | 32.93977 | 3.637455 | .1757520 | .1711642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1032102 | .0155787 | 1.088361 | -.011012 | .0250394 | 70.37751 | .7159973 |
| #2 | .1098409 | .0160309 | 1.089552 | -.005693 | .0242747 | 70.50471 | .7150158 |
| #3 | .1205629 | .0150958 | 1.089533 | -.007733 | .0260956 | 70.25736 | .7174521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058230 | .0049963 | 72.71135 | .1357785 | .0958292 | .2685250 | 148.5120 |
| Stddev | .0000952 | .0001301 | .19704   | .0006083 | .0002750 | .0068738 | .4094    |
| %RSD   | 1.635214 | 2.604364 | .2709906 | .4480015 | .2870208 | 2.559857 | .2756792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057742 | .0051140 | 72.76025 | .1358451 | .0961247 | .2620499 | 148.0841 |
| #2 | .0059327 | .0048566 | 72.87934 | .1351396 | .0955807 | .2677870 | 148.9000 |
| #3 | .0057621 | .0050182 | 72.49447 | .1363507 | .0957823 | .2757380 | 148.5521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.898829 | 33.27381 | .1544184 | .0014281 | 1.307098 | .1634108 | 1.148505 |
| Stddev | .020178  | .04814   | .0008462 | .0007238 | .665855  | .0034231 | .017989  |
| %RSD   | .3420721 | .1446822 | .5479879 | 50.68461 | 50.94146 | 2.094750 | 1.566289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.885303 | 33.24226 | .1545123 | .0022325 | 1.321195 | .1658732 | 1.150632 |
| #2 | 5.922023 | 33.32923 | .1535291 | .0008291 | .634306  | .1648572 | 1.129547 |
| #3 | 5.889163 | 33.24996 | .1552137 | .0012228 | 1.965792 | .1595019 | 1.165335 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.048353 | 8.096549 | .0365435 | .0048106 | 3.646873 | 5.437393 | .0387986 |
| Stddev | .059614  | .024020  | .0011613 | .0003336 | .011888  | .050722  | .0015856 |
| %RSD   | .9856172 | .2966662 | 3.177720 | 6.934322 | .3259696 | .9328433 | 4.086698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.982977 | 8.099321 | .0354040 | .0050938 | 3.639671 | 5.438411 | .0373828 |
| #2 | 6.099703 | 8.071263 | .0377253 | .0044429 | 3.640355 | 5.487599 | .0385012 |
| #3 | 6.062378 | 8.119062 | .0365012 | .0048952 | 3.660594 | 5.386170 | .0405119 |

Sample Name: P5038-01      Acquired: 12/16/2024 21:37:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK83      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7691698 | .0070663 | .0593448 |
| Stddev | .0030276 | .0003495 | .0004438 |
| %RSD   | .3936262 | 4.945954 | .7478295 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7719468 | .0068460 | .0593288 |
| #2 | .7696208 | .0068836 | .0589093 |
| #3 | .7659420 | .0074693 | .0597964 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2209.702 | 27081.81 | 2658.292 | 1874.540 | 2617.510 |
| Stddev    | 6.170    | 9.70     | 24.799   | 2.726    | 4.775    |
| %RSD      | .2792227 | .0358307 | .9328794 | .1454156 | .1824086 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2210.625 | 27078.71 | 2665.143 | 1877.068 | 2619.746 |
| #2 | 2215.359 | 27092.68 | 2630.788 | 1874.900 | 2620.756 |
| #3 | 2203.123 | 27074.04 | 2678.946 | 1871.652 | 2612.028 |

Sample Name: P5032-22      Acquired: 12/16/2024 21:33:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK74      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0473474 | .0390138 | .1988598 | -.034175 | .0155087 | 61.33410 | 1.138014 |
| Stddev | .0038827 | .0050731 | .0020848 | .003361  | .0020669 | .20880   | .005661  |
| %RSD   | 8.200419 | 13.00344 | 1.048357 | 9.833905 | 13.32737 | .3404349 | .4974255 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0493487 | .0447734 | .1965087 | -.037009 | .0143394 | 61.16401 | 1.132086 |
| #2 | .0498212 | .0352083 | .2004832 | -.035054 | .0142914 | 61.27116 | 1.138593 |
| #3 | .0428724 | .0370597 | .1995874 | -.030463 | .0178952 | 61.56713 | 1.143363 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050430 | .0046102 | 707.0658 | .1111204 | .1036248 | .0869765 | 132.5404 |
| Stddev | .0000832 | .0001237 | 1.8667   | .0007807 | .0003410 | .0066449 | .6207    |
| %RSD   | 1.649088 | 2.683337 | .2640109 | .7025446 | .3290521 | 7.639906 | .4682798 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051017 | .0046716 | 705.7016 | .1116902 | .1036584 | .0893141 | 131.8448 |
| #2 | .0050794 | .0044678 | 706.3026 | .1114405 | .1032683 | .0794786 | 132.7389 |
| #3 | .0049478 | .0046912 | 709.1932 | .1102306 | .1039478 | .0921367 | 133.0375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.170019 | 68.66605 | .1440862 | -.000340 | .8022607 | .1302993 | .3939654 |
| Stddev | .024803  | .37000   | .0004265 | .000596  | .5273136 | .0106287 | .0027532 |
| %RSD   | .4019908 | .5388462 | .2959769 | 175.0325 | 65.72845 | 8.157133 | .6988376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.141496 | 68.25672 | .1443613 | -.000650 | .7715457 | .1186389 | .3931991 |
| #2 | 6.186523 | 68.76467 | .1435950 | .000346  | 1.344260 | .1394454 | .3970206 |
| #3 | 6.182037 | 68.97675 | .1443024 | -.000718 | .290976  | .1328136 | .3916766 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.086305 | 7.830052 | .0285303 | .0012380 | 2.254629 | 8.223654 | .0199766 |
| Stddev | .162395  | .031530  | .0012099 | .0008744 | .006474  | .053419  | .0014758 |
| %RSD   | 5.261787 | .4026810 | 4.240677 | 70.62574 | .2871283 | .6495792 | 7.387874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.124876 | 7.808439 | .0272474 | .0006853 | 2.251223 | 8.180757 | .0188415 |
| #2 | 2.908097 | 7.815484 | .0296507 | .0022461 | 2.250569 | 8.206718 | .0194434 |
| #3 | 3.225942 | 7.866231 | .0286927 | .0007827 | 2.262094 | 8.283489 | .0216450 |

Sample Name: P5032-22      Acquired: 12/16/2024 21:33:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK74      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7007503 | .3475383 | .0873248 |
| Stddev | .0049572 | .0009424 | .0015195 |
| %RSD   | .7074159 | .2711625 | 1.740112 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6957337 | .3465370 | .0871930 |
| #2 | .7008714 | .3476699 | .0889059 |
| #3 | .7056459 | .3484080 | .0858754 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2204.646 | 27030.15 | 2754.091 | 1866.843 | 2337.760 |
| Stddev    | 8.808    | 125.87   | 21.367   | 9.863    | 9.508    |
| %RSD      | .3995071 | .4656806 | .7758306 | .5283334 | .4067289 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2203.267 | 27165.72 | 2776.313 | 1866.013 | 2337.680 |
| #2 | 2214.062 | 26916.99 | 2752.264 | 1857.421 | 2347.309 |
| #3 | 2196.609 | 27007.74 | 2733.696 | 1877.095 | 2328.292 |

Sample Name: P5032-21      Acquired: 12/16/2024 21:29:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK73      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0931402 | .0461946 | .2861264 | .0004417 | .0298088 | 80.31419 |
| Stddev | .0030731 | .0039544 | .0015391 | .0015192 | .0024445 | .21237   |
| %RSD   | 3.299455 | 8.560368 | .5379001 | 343.9077 | 8.200628 | .2644193 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0963405 | .0420004 | .2845251 | .0021883 | .0320189 | 80.07458 |
| #2 | .0928677 | .0498551 | .2862595 | -.000290 | .0271831 | 80.47916 |
| #3 | .0902124 | .0467284 | .2875946 | -.000573 | .0302245 | 80.38883 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.782635 | .0063485 | .0083752 | 97.43579 | .1315206 | .1281970 |
| Stddev | .003713  | .0002172 | .0001230 | .08221   | .0008442 | .0012950 |
| %RSD   | .2083029 | 3.421376 | 1.468848 | .0843740 | .6419153 | 1.010161 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.779289 | .0064313 | .0084774 | 97.39179 | .1305458 | .1280581 |
| #2 | 1.786630 | .0065121 | .0082387 | 97.38494 | .1320202 | .1269770 |
| #3 | 1.781987 | .0061020 | .0084096 | 97.53063 | .1319957 | .1295558 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1573554 | 178.8382 | 19.77775 | 26.15999 | .1888729 | .0053696 |
| Stddev | .0100326 | .4816    | .06972   | .14232   | .0011923 | .0012460 |
| %RSD   | 6.375734 | .2693047 | .3525251 | .5440432 | .6312513 | 23.20531 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1546561 | 178.4972 | 19.73449 | 25.99855 | .1888918 | .0067425 |
| #2 | .1684614 | 179.3892 | 19.85818 | 26.26731 | .1876713 | .0050559 |
| #3 | .1489485 | 178.6283 | 19.74058 | 26.21412 | .1900556 | .0043104 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.372819 | .1598929 | .5256744 | 4.587159 | F 11.95517 | .0371035 |
| Stddev | .480414  | .0096293 | .0126193 | .095452  | .03832     | .0014821 |
| %RSD   | 34.99472 | 6.022336 | 2.400586 | 2.080845 | .3205413   | 3.994400 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.761434 | .1707960 | .5280679 | 4.520351 | 11.94496 | .0387029 |
| #2 | 1.521339 | .1525535 | .5120298 | 4.544644 | 11.92298 | .0357767 |
| #3 | .835683  | .1563291 | .5369256 | 4.696481 | 11.99756 | .0368309 |

Sample Name: P5032-21      Acquired: 12/16/2024 21:29:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK73      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071902 | 2.752586 | 9.023758 | .0211280 | .5323876 | -.000638 |
| Stddev | .0003074 | .006712  | .113008  | .0017078 | .0079651 | .000257  |
| %RSD   | 4.275612 | .2438314 | 1.252342 | 8.083004 | 1.496117 | 40.25797 |
| #1     | .0068362 | 2.757492 | 9.012761 | .0227237 | .5260991 | -.000483 |
| #2     | .0073444 | 2.755330 | 9.141863 | .0213336 | .5297195 | -.000496 |
| #3     | .0073899 | 2.744937 | 8.916650 | .0193268 | .5413443 | -.000934 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1090189 |
| Stddev | .0031981 |
| %RSD   | 2.933539 |
| #1     | .1056023 |
| #2     | .1119408 |
| #3     | .1095135 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2542.943 | 31201.68 | 3111.832 | 2172.785 | 2582.063 |
| Stddev    | 8.247    | 191.92   | 28.736   | 17.286   | 8.104    |
| %RSD      | .3242985 | .6150794 | .9234556 | .7955790 | .3138449 |
| #1        | 2549.908 | 31277.58 | 3127.514 | 2183.053 | 2585.671 |
| #2        | 2545.084 | 31344.04 | 3078.666 | 2182.476 | 2587.736 |
| #3        | 2533.837 | 30983.42 | 3129.315 | 2152.828 | 2572.782 |

Sample Name: P5038-03      Acquired: 12/16/2024 21:45:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1498408 | .0127316 | .8812809 | -.009709 | .0364404 | 92.60959 | .7829498 |
| Stddev | .0028394 | .0035795 | .0046101 | .006914  | .0017148 | .08072   | .0006937 |
| %RSD   | 1.894946 | 28.11531 | .5231148 | 71.21210 | 4.705868 | .0871585 | .0886035 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1530171 | .0091357 | .8829812 | -.011792 | .0346668 | 92.65310 | .7830992 |
| #2 | .1489568 | .0162945 | .8760621 | -.001993 | .0380897 | 92.65923 | .7835567 |
| #3 | .1475486 | .0127645 | .8847993 | -.015341 | .0365648 | 92.51646 | .7821936 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076085 | .0058387 | 82.66992 | .1605771 | .1174429 | .1903917 | 195.1452 |
| Stddev | .0001341 | .0001237 | .17022   | .0018801 | .0012007 | .0084063 | .5784    |
| %RSD   | 1.762999 | 2.118463 | .2059008 | 1.170852 | 1.022375 | 4.415278 | .2964198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077631 | .0057103 | 82.65845 | .1584073 | .1184122 | .1811646 | 195.2071 |
| #2 | .0075400 | .0058487 | 82.84558 | .1616016 | .1160998 | .1923952 | 195.6903 |
| #3 | .0075226 | .0059571 | 82.50572 | .1617225 | .1178169 | .1976152 | 194.5384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.692589 | 51.72805 | .1894601 | .0014412 | 1.814884 | .2275658 | 1.043304 |
| Stddev | .015556  | .14605   | .0004863 | .0007676 | .713536  | .0027504 | .029909  |
| %RSD   | .2324387 | .2823410 | .2566602 | 53.26053 | 39.31578 | 1.208631 | 2.866731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.710283 | 51.60253 | .1895429 | .0018834 | 1.413247 | .2277287 | 1.014139 |
| #2 | 6.686419 | 51.88835 | .1889377 | .0005549 | 1.392686 | .2302312 | 1.073904 |
| #3 | 6.681064 | 51.69326 | .1898996 | .0018855 | 2.638719 | .2247375 | 1.041869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.668712 | 7.769455 | .0367639 | .0050553 | 3.535183 | 6.135231 | .0675287 |
| Stddev | .095881  | .027671  | .0036214 | .0005620 | .014905  | .040509  | .0003994 |
| %RSD   | 1.250292 | .3561531 | 9.850430 | 11.11730 | .4216104 | .6602745 | .5913898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.718535 | 7.763412 | .0325836 | .0045291 | 3.534759 | 6.181783 | .0679527 |
| #2 | 7.729424 | 7.745304 | .0389467 | .0056473 | 3.520495 | 6.107988 | .0674739 |
| #3 | 7.558176 | 7.799648 | .0387613 | .0049895 | 3.550295 | 6.115924 | .0671596 |

Sample Name: P5038-03      Acquired: 12/16/2024 21:45:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.299830 | -.019764 | .0927324 |
| Stddev | .009741  | .000395  | .0067566 |
| %RSD   | .7494318 | 2.000179 | 7.286092 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.301075 | -.020190 | .0994406 |
| #2 | 1.308889 | -.019693 | .0928281 |
| #3 | 1.289526 | -.019409 | .0859285 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2219.704 | 27055.60 | 2698.833 | 1888.105 | 2557.887 |
| Stddev    | 3.911    | 182.51   | 13.996   | 15.463   | 5.671    |
| %RSD      | .1761995 | .6745780 | .5185798 | .8189662 | .2217247 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2217.722 | 27253.49 | 2692.712 | 1905.671 | 2551.962 |
| #2 | 2217.180 | 26893.89 | 2688.940 | 1876.549 | 2558.434 |
| #3 | 2224.209 | 27019.43 | 2714.846 | 1882.096 | 2563.266 |



Sample Name: P5038-02LX5      Acquired: 12/16/2024 21:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0310978 | .0044011 | .1690950 | -.005820 | .0071282 | 20.02843 | .1676353 |
| Stddev | .0023090 | .0006010 | .0023544 | .002098  | .0020630 | .07276   | .0013848 |
| %RSD   | 7.425002 | 13.65545 | 1.392336 | 36.03761 | 28.94097 | .3632771 | .8260794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0315008 | .0044910 | .1664392 | -.007994 | .0070328 | 20.03784 | .1668204 |
| #2 | .0331787 | .0049520 | .1709258 | -.003808 | .0051146 | 19.95142 | .1668512 |
| #3 | .0286138 | .0037602 | .1699202 | -.005659 | .0092373 | 20.09602 | .1692342 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016503 | .0010029 | 18.08310 | .0351948 | .0272070 | .0474123 | 42.72144 |
| Stddev | .0000075 | .0000854 | .07700   | .0010204 | .0002870 | .0099705 | .13767   |
| %RSD   | .4545103 | 8.516754 | .4257886 | 2.899351 | 1.054840 | 21.02948 | .3222564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016524 | .0011015 | 18.07568 | .0360375 | .0271419 | .0375907 | 42.60613 |
| #2 | .0016565 | .0009536 | 18.16353 | .0340602 | .0269581 | .0575254 | 42.68433 |
| #3 | .0016420 | .0009535 | 18.01008 | .0354865 | .0275209 | .0471206 | 42.87387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.467834 | 11.29248 | .0358626 | -.001576 | .2913760 | .0428649 | .2167097 |
| Stddev | .002132  | .06791   | .0002849 | .000526  | .2329035 | .0059682 | .0050028 |
| %RSD   | .1452420 | .6013817 | .7943713 | 33.34948 | 79.93230 | 13.92334 | 2.308550 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.465836 | 11.35454 | .0361117 | -.001411 | .5552707 | .0458150 | .2110370 |
| #2 | 1.470079 | 11.21993 | .0355520 | -.001153 | .2043034 | .0467836 | .2204916 |
| #3 | 1.467586 | 11.30297 | .0359242 | -.002165 | .1145539 | .0359961 | .2186005 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.876062 | 1.482477 | .0007972 | .0005770 | .6759586 | 1.358833 | .0135158 |
| Stddev | .097597  | .005712  | .0034103 | .0003084 | .0085580 | .014986  | .0002055 |
| %RSD   | 5.202235 | .3853037 | 427.7919 | 53.44113 | 1.266052 | 1.102863 | 1.520090 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.927910 | 1.486163 | .0000408 | .0002219 | .6796977 | 1.344337 | .0135123 |
| #2 | 1.936792 | 1.475897 | .0045221 | .0007321 | .6661673 | 1.357897 | .0133122 |
| #3 | 1.763483 | 1.485370 | -.002171 | .0007771 | .6820107 | 1.374265 | .0137230 |

Sample Name: P5038-02LX5      Acquired: 12/16/2024 21:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2801093 | -.004883 | .0073120 |
| Stddev | .0025102 | .000488  | .0009271 |
| %RSD   | .8961564 | 10.00066 | 12.67943 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2774273 | -.004384 | .0062416 |
| #2 | .2804982 | -.005360 | .0078317 |
| #3 | .2824024 | -.004906 | .0078627 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2174.708 | 25357.36 | 2500.072 | 1762.924 | 2766.913 |
| Stddev    | 3.880    | 70.83    | 10.296   | 4.293    | 5.750    |
| %RSD      | .1784161 | .2793368 | .4118097 | .2434883 | .2078287 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2177.854 | 25276.88 | 2505.955 | 1758.378 | 2770.609 |
| #2 | 2175.896 | 25384.96 | 2506.078 | 1766.908 | 2769.843 |
| #3 | 2170.372 | 25410.23 | 2488.184 | 1763.484 | 2760.288 |

Sample Name: P5038-02      Acquired: 12/16/2024 21:41:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1429178 | .0115474 | .8734958 | -.003377 | .0355504 | 91.91825 | .7795184 |
| Stddev | .0022418 | .0013963 | .0053875 | .000810  | .0014195 | .08215   | .0009043 |
| %RSD   | 1.568586 | 12.09194 | .6167791 | 23.99349 | 3.993054 | .0893727 | .1160009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1447410 | .0110707 | .8722536 | -.003932 | .0355569 | 91.91790 | .7785207 |
| #2 | .1404148 | .0104518 | .8688378 | -.002447 | .0341276 | 91.83627 | .7797508 |
| #3 | .1435977 | .0131196 | .8793959 | -.003751 | .0369666 | 92.00057 | .7802838 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076673 | .0057435 | 82.02261 | .1595339 | .1159006 | .1891102 | 193.7371 |
| Stddev | .0000749 | .0000779 | .04925   | .0009141 | .0010620 | .0045179 | .3355    |
| %RSD   | .9763523 | 1.356988 | .0600451 | .5729900 | .9163013 | 2.389006 | .1731781 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075847 | .0056754 | 81.97357 | .1603088 | .1158033 | .1896916 | 193.3909 |
| #2 | .0076866 | .0058285 | 82.07207 | .1585258 | .1148905 | .1933092 | 193.7595 |
| #3 | .0077306 | .0057265 | 82.02219 | .1597670 | .1170078 | .1843298 | 194.0608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.641926 | 51.37784 | .1872336 | .0014313 | 1.762735 | .2247038 | 1.081461 |
| Stddev | .023722  | .04145   | .0017908 | .0007574 | .307691  | .0105429 | .016446  |
| %RSD   | .3571530 | .0806694 | .9564504 | 52.91982 | 17.45535 | 4.691904 | 1.520748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.621994 | 51.34331 | .1866886 | .0022421 | 1.900850 | .2288904 | 1.067248 |
| #2 | 6.635621 | 51.36641 | .1857787 | .0013098 | 1.410186 | .2127107 | 1.077660 |
| #3 | 6.668164 | 51.42380 | .1892336 | .0007419 | 1.977168 | .2325104 | 1.099475 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.563392 | 7.711264 | .0386738 | .0053582 | 3.506230 | 6.043413 | .0689523 |
| Stddev | .093096  | .035902  | .0054113 | .0003042 | .011674  | .056107  | .0013372 |
| %RSD   | 1.230880 | .4655754 | 13.99219 | 5.676840 | .3329517 | .9283940 | 1.939389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.658255 | 7.690524 | .0410879 | .0051583 | 3.514172 | 6.036806 | .0690241 |
| #2 | 7.559753 | 7.690548 | .0324757 | .0052080 | 3.492826 | 6.102531 | .0675806 |
| #3 | 7.472169 | 7.752720 | .0424580 | .0057083 | 3.511692 | 5.990903 | .0702522 |

Sample Name: P5038-02      Acquired: 12/16/2024 21:41:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.291502 | -.019781 | .0872368 |
| Stddev | .006033  | .000216  | .0034761 |
| %RSD   | .4671281 | 1.092662 | 3.984670 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.285254 | -.019893 | .0841473 |
| #2 | 1.291956 | -.019919 | .0910007 |
| #3 | 1.297294 | -.019532 | .0865623 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2229.805 | 27150.46 | 2696.972 | 1883.434 | 2568.997 |
| Stddev    | 5.925    | 56.61    | 17.166   | 3.669    | 4.251    |
| %RSD      | .2657279 | .2085064 | .6364991 | .1948037 | .1654748 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2223.256 | 27125.83 | 2700.792 | 1885.510 | 2564.929 |
| #2 | 2234.793 | 27215.21 | 2678.218 | 1885.594 | 2573.410 |
| #3 | 2231.367 | 27110.33 | 2711.907 | 1879.198 | 2568.654 |

Sample Name: P5038-04      Acquired: 12/16/2024 21:53:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2289297 | .1060640 | .9037268 | .1533330 | .1962895 | 93.89559 | 4.549904 |
| Stddev | .0059688 | .0013394 | .0028244 | .0033277 | .0023798 | .26166   | .012967  |
| %RSD   | 2.607253 | 1.262773 | .3125228 | 2.170261 | 1.212399 | .2786764 | .2849914 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2355198 | .1075910 | .9018050 | .1533489 | .1953170 | 93.97479 | 4.554369 |
| #2 | .2238870 | .1055128 | .9024060 | .1499974 | .1945499 | 94.10850 | 4.560049 |
| #3 | .2273824 | .1050882 | .9069696 | .1566528 | .1990015 | 93.60347 | 4.535295 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1017234 | .1053184 | 80.98183 | .5549270 | 1.141348 | .6373375 | 192.3754 |
| Stddev | .0005389 | .0003495 | .37406   | .0044108 | .003514  | .0059985 | .4721    |
| %RSD   | .5297626 | .3318072 | .4619050 | .7948506 | .3078960 | .9411751 | .2453995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1013649 | .1051491 | 81.24366 | .5579377 | 1.139605 | .6328891 | 192.8298 |
| #2 | .1014622 | .1050859 | 81.14841 | .5498639 | 1.139046 | .6349638 | 192.4091 |
| #3 | .1023431 | .1057203 | 80.55342 | .5569793 | 1.145393 | .6441596 | 191.8874 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.464691 | 50.50798 | 1.219608 | .0757562 | 1.434907 | 1.155317 | 1.885401 |
| Stddev | .037264  | .15129   | .003377  | .0006396 | .397596  | .003825  | .018742  |
| %RSD   | .4991993 | .2995362 | .2768575 | .8442317 | 27.70884 | .3310684 | .9940782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.478833 | 50.58137 | 1.217036 | .0751087 | 1.029020 | 1.151572 | 1.904723 |
| #2 | 7.492814 | 50.60858 | 1.218357 | .0763875 | 1.452043 | 1.159217 | 1.884182 |
| #3 | 7.422426 | 50.33400 | 1.223432 | .0757725 | 1.823658 | 1.155163 | 1.867298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.353334 | 7.593200 | .0358924 | .0045075 | 3.459951 | 5.959176 | .0679179 |
| Stddev | .130318  | .025209  | .0008619 | .0003415 | .009615  | .025362  | .0017995 |
| %RSD   | 1.772233 | .3319967 | 2.401435 | 7.576241 | .2778958 | .4255946 | 2.649471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.364230 | 7.581338 | .0368692 | .0043302 | 3.449900 | 5.930878 | .0660312 |
| #2 | 7.477862 | 7.576110 | .0352386 | .0049012 | 3.460891 | 5.979856 | .0681073 |
| #3 | 7.217910 | 7.622152 | .0355695 | .0042910 | 3.469061 | 5.966793 | .0696152 |

Sample Name: P5038-04      Acquired: 12/16/2024 21:53:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK84S      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.267230 | -.021092 | .0848790 |
| Stddev | .007011  | .000281  | .0047652 |
| %RSD   | .5532456 | 1.332453 | 5.614098 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.271745 | -.021412 | .0819959 |
| #2 | 1.270792 | -.020884 | .0822619 |
| #3 | 1.259154 | -.020981 | .0903792 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2227.404 | 27537.36 | 2745.077 | 1912.896 | 2575.883 |
| Stddev    | 8.703    | 224.81   | 2.189    | 16.916   | 7.404    |
| %RSD      | .3907105 | .8163795 | .0797559 | .8843392 | .2874300 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2227.509 | 27281.61 | 2747.516 | 1893.564 | 2575.477 |
| #2 | 2236.054 | 27703.72 | 2743.281 | 1924.985 | 2583.481 |
| #3 | 2218.649 | 27626.76 | 2744.435 | 1920.139 | 2568.690 |

Sample Name: P5038-05      Acquired: 12/16/2024 21:56:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK85      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1171623 | .0157277 | 1.487446 | -.007257 | .0299436 | 86.98230 | .8734793 |
| Stddev | .0007283 | .0043630 | .005532  | .005514  | .0006890 | .28498   | .0060279 |
| %RSD   | .6215960 | 27.74058 | .3718811 | 75.98879 | 2.300875 | .3276283 | .6901064 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1177561 | .0123387 | 1.481059 | -.010529 | .0307390 | 86.67694 | .8668377 |
| #2 | .1163497 | .0141941 | 1.490721 | -.010351 | .0295335 | 87.02877 | .8749962 |
| #3 | .1173811 | .0206505 | 1.490557 | -.000890 | .0295583 | 87.24118 | .8786038 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072249 | .0058038 | 93.40612 | .1690222 | .1108022 | .2033151 | 178.2024 |
| Stddev | .0000595 | .0000818 | .23720   | .0016083 | .0010209 | .0081672 | .7430    |
| %RSD   | .8236611 | 1.409364 | .2539444 | .9515305 | .9214073 | 4.017042 | .4169166 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072047 | .0058423 | 93.23650 | .1707813 | .1100905 | .2080902 | 177.3891 |
| #2 | .0072919 | .0058593 | 93.30470 | .1686583 | .1103442 | .2079705 | 178.3727 |
| #3 | .0071782 | .0057099 | 93.67717 | .1676271 | .1119720 | .1938846 | 178.8454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.347881 | 43.04214 | .1815201 | .0021423 | 2.001695 | .2052417 | 1.207916 |
| Stddev | .024549  | .27482   | .0008348 | .0011604 | .405541  | .0057190 | .011552  |
| %RSD   | .3867298 | .6384938 | .4598881 | 54.16626 | 20.25987 | 2.786463 | .9563523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.330607 | 42.77925 | .1812497 | .0021057 | 2.104245 | .2031006 | 1.198154 |
| #2 | 6.337053 | 43.01965 | .1808540 | .0010007 | 2.346117 | .2009022 | 1.204925 |
| #3 | 6.375982 | 43.32751 | .1824566 | .0033206 | 1.554723 | .2117223 | 1.220669 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.176648 | 7.251667 | .0343895 | .0053192 | 3.215229 | 10.41229 | .0417035 |
| Stddev | .108564  | .025926  | .0015978 | .0001073 | .015613  | .01590   | .0004150 |
| %RSD   | 2.097184 | .3575134 | 4.646116 | 2.017553 | .4855968 | .1526890 | .9950610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.057395 | 7.231906 | .0338967 | .0053345 | 3.197217 | 10.41316 | .0414315 |
| #2 | 5.269743 | 7.242072 | .0361756 | .0054180 | 3.223568 | 10.39597 | .0421811 |
| #3 | 5.202805 | 7.281022 | .0330962 | .0052050 | 3.224902 | 10.42773 | .0414978 |

Sample Name: P5038-05      Acquired: 12/16/2024 21:56:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK85      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9397753 | .0329364 | .0867683 |
| Stddev | .0063008 | .0008363 | .0018726 |
| %RSD   | .6704591 | 2.539080 | 2.158160 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9358819 | .0327559 | .0871262 |
| #2 | .9363994 | .0322050 | .0884362 |
| #3 | .9470447 | .0338481 | .0847426 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2242.675 | 27392.33 | 2722.205 | 1904.700 | 2565.337 |
| Stddev    | 14.979   | 28.35    | 3.846    | 3.330    | 17.423   |
| %RSD      | .6679242 | .1035026 | .1412715 | .1748461 | .6791892 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2255.151 | 27360.86 | 2722.185 | 1902.487 | 2580.341 |
| #2 | 2246.814 | 27415.87 | 2726.061 | 1903.083 | 2569.443 |
| #3 | 2226.062 | 27400.26 | 2718.369 | 1908.530 | 2546.227 |



Sample Name: P5038-06      Acquired: 12/16/2024 22:00:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK86      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1560492 | .0330488 | 4.730933 | -.021786 | .0314454 | 67.19248 |
| Stddev | .0046438 | .0018628 | .005383  | .004058  | .0011818 | .10522   |
| %RSD   | 2.975847 | 5.636520 | .1137786 | 18.62845 | 3.758257 | .1566010 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1517284 | .0316862 | 4.729720 | -.025047 | .0321482 | 67.30372 |
| #2 | .1609597 | .0322888 | 4.726261 | -.017241 | .0300810 | 67.09453 |
| #3 | .1554596 | .0351715 | 4.736819 | -.023070 | .0321070 | 67.17918 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.478259 | .0066738 | .0117580 | 278.2244 | .2023281 | .1286955 |
| Stddev | .001652  | .0001528 | .0001196 | .6431    | .0013597 | .0007339 |
| %RSD   | .1117736 | 2.289666 | 1.017522 | .2311383 | .6720179 | .5702466 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.477094 | .0068368 | .0116776 | 278.3561 | .2020134 | .1295407 |
| #2 | 1.477532 | .0066506 | .0117009 | 277.5256 | .2011534 | .1282191 |
| #3 | 1.480150 | .0065338 | .0118955 | 278.7914 | .2038176 | .1283268 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5786265 | 185.8638 | 9.599215 | 93.54580 | .2275831 | .0034902 |
| Stddev | .0064155 | .0917    | .010179  | .19449   | .0002828 | .0003390 |
| %RSD   | 1.108755 | .0493583 | .1060369 | .2079086 | .1242802 | 9.711415 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5732337 | 185.7735 | 9.604657 | 93.45113 | .2278853 | .0032493 |
| #2 | .5857214 | 185.8609 | 9.587472 | 93.76950 | .2275394 | .0033436 |
| #3 | .5769244 | 185.9570 | 9.605515 | 93.41677 | .2273247 | .0038778 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6566916 | .1828261 | 3.444113 | 7.359090 | F 10.46299 | .0629647 |
| Stddev | .3617842 | .0078317 | .025195  | .105307  | .02881     | .0036360 |
| %RSD   | 55.09195 | 4.283676 | .7315356 | 1.430983 | .2753632   | 5.774612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6782429 | .1786600 | 3.416624 | 7.246357 | 10.46139 | .0658511 |
| #2 | 1.007218 | .1779579 | 3.466106 | 7.454929 | 10.43502 | .0641618 |
| #3 | .284613  | .1918602 | 3.449609 | 7.375985 | 10.49257 | .0588811 |

Sample Name: P5038-06      Acquired: 12/16/2024 22:00:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK86      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082626 | 4.304172 | 8.693703 | .2563728 | 1.232189 | .3141072 |
| Stddev | .0005044 | .011360  | .034212  | .0016474 | .000960  | .0006681 |
| %RSD   | 6.105094 | .2639206 | .3935241 | .6425952 | .0779454 | .2126979 |
| #1     | .0083303 | 4.314899 | 8.729375 | .2572951 | 1.232029 | .3133588 |
| #2     | .0087298 | 4.292271 | 8.661167 | .2544707 | 1.231318 | .3146436 |
| #3     | .0077278 | 4.305345 | 8.690568 | .2573524 | 1.233219 | .3143192 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0755429 |
| Stddev | .0033035 |
| %RSD   | 4.372975 |
| #1     | .0769260 |
| #2     | .0717727 |
| #3     | .0779300 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2221.205 | 27104.58 | 2739.874 | 1871.154 | 2405.778 |
| Stddev    | 10.864   | 32.37    | 10.747   | 4.278    | 13.188   |
| %RSD      | .4890981 | .1194397 | .3922528 | .2286427 | .5481973 |
| #1        | 2214.380 | 27119.61 | 2728.237 | 1869.088 | 2398.318 |
| #2        | 2215.503 | 27126.70 | 2749.426 | 1868.302 | 2398.011 |
| #3        | 2233.733 | 27067.42 | 2741.959 | 1876.074 | 2421.006 |

Sample Name: P5038-07      Acquired: 12/16/2024 22:04:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK87      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2408306 | .0281554 | 9.058846 | -.008815 | .0516226 | 70.19725 |
| Stddev | .0032657 | .0024855 | .045416  | .002239  | .0012935 | .14566   |
| %RSD   | 1.356013 | 8.827779 | .5013462 | 25.39579 | 2.505579 | .2074941 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2442345 | .0309142 | 9.052487 | -.006451 | .0531132 | 70.33413 |
| #2 | .2405340 | .0260907 | 9.016944 | -.009092 | .0507957 | 70.04418 |
| #3 | .2377233 | .0274614 | 9.107106 | -.010902 | .0509589 | 70.21346 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.443265 | .0086805 | .0228906 | 246.8847 | .3282858 | .1585662 |
| Stddev | .003679  | .0001685 | .0001082 | .8206    | .0006881 | .0008392 |
| %RSD   | .1505805 | 1.940697 | .4725295 | .3323893 | .2095997 | .5292316 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.446994 | .0085945 | .0228563 | 247.1918 | .3276904 | .1595345 |
| #2 | 2.443165 | .0085724 | .0228037 | 245.9548 | .3281279 | .1581141 |
| #3 | 2.439638 | .0088746 | .0230117 | 247.5074 | .3290391 | .1580501 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9196722 | 235.5877 | 10.60687 | 65.72713 | .2881411 | .0104543 |
| Stddev | .0034487 | .8472    | .02431   | .11023   | .0007455 | .0003779 |
| %RSD   | .3749933 | .3596177 | .2292026 | .1677047 | .2587111 | 3.614304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9168919 | 236.5574 | 10.62872 | 65.80437 | .2882801 | .0108842 |
| #2 | .9235314 | 235.2146 | 10.58068 | 65.60090 | .2873360 | .0103039 |
| #3 | .9185934 | 234.9911 | 10.61122 | 65.77612 | .2888073 | .0101748 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.830654 | .2271528 | 7.204467 | 5.938126 | F 15.79040 | .0820695 |
| Stddev | .247851  | .0049811 | .041131  | .007263  | .06693     | .0019331 |
| %RSD   | 13.53895 | 2.192855 | .5709062 | .1223153 | .4238529   | 2.355467 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.089205 | .2325117 | 7.207995 | 5.930531 | 15.79496 | .0798621 |
| #2 | 1.595106 | .2262825 | 7.243721 | 5.945005 | 15.72131 | .0828862 |
| #3 | 1.807651 | .2226641 | 7.161686 | 5.938841 | 15.85493 | .0834603 |

Sample Name: P5038-07      Acquired: 12/16/2024 22:04:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK87      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0117272 | 4.343293 | 7.061620 | .5760510 | .6883800 | .3188350 |
| Stddev | .0002079 | .021975  | .045514  | .0043955 | .0007200 | .0006966 |
| %RSD   | 1.772493 | .5059484 | .6445245 | .7630368 | .1045997 | .2184938 |
| #1     | .0119094 | 4.330948 | 7.079519 | .5781019 | .6879254 | .3195840 |
| #2     | .0115008 | 4.330266 | 7.009878 | .5710049 | .6880045 | .3182065 |
| #3     | .0117715 | 4.368664 | 7.095464 | .5790463 | .6892102 | .3187146 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0814460 |
| Stddev | .0035815 |
| %RSD   | 4.397405 |
| #1     | .0797844 |
| #2     | .0855565 |
| #3     | .0789971 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2395.718 | 29404.58 | 2942.444 | 2033.677 | 2530.735 |
| Stddev    | 7.798    | 80.33    | 20.494   | 3.940    | 12.901   |
| %RSD      | .3255145 | .2731846 | .6965072 | .1937170 | .5097607 |
| #1        | 2401.708 | 29440.38 | 2943.398 | 2036.393 | 2531.387 |
| #2        | 2398.545 | 29460.79 | 2962.444 | 2035.479 | 2543.298 |
| #3        | 2386.900 | 29312.58 | 2921.489 | 2029.158 | 2517.521 |

Sample Name: P5038-08      Acquired: 12/16/2024 22:08:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1295627 | .0471813 | 3.776743 | -.042935 | .0258034 | 35.46746 |
| Stddev | .0067443 | .0014740 | .016657  | .001855  | .0017660 | .08508   |
| %RSD   | 5.205455 | 3.124135 | .4410499 | 4.320581 | 6.844249 | .2398731 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1367016 | .0487235 | 3.764339 | -.041091 | .0240625 | 35.42488 |
| #2 | .1232982 | .0457866 | 3.770215 | -.042913 | .0275936 | 35.41208 |
| #3 | .1286885 | .0470337 | 3.795676 | -.044801 | .0257541 | 35.56542 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.109115 | .0042783 | .0113849 | F 1496.517 | .1606950 | .1207947 |
| Stddev | .002013  | .0000984 | .0001317 | 17.232     | .0009532 | .0006323 |
| %RSD   | .1814839 | 2.300383 | 1.156870 | 1.151458   | .5931606 | .5234617 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.108861 | .0043750 | .0112339 | 1477.017 | .1611401 | .1211280 |
| #2 | 1.107241 | .0042816 | .0114762 | 1509.695 | .1613443 | .1211907 |
| #3 | 1.111242 | .0041782 | .0114446 | 1502.839 | .1596007 | .1200655 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5185995 | 144.1705 | 9.526037 | 159.2403 | .1522134 | .0048624 |
| Stddev | .0060157 | .2437    | .013851  | .2225    | .0004125 | .0007271 |
| %RSD   | 1.159984 | .1690180 | .1454042 | .1397118 | .2710031 | 14.95432 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5254649 | 144.4514 | 9.513568 | 159.4956 | .1524752 | .0040541 |
| #2 | .5160820 | 144.0170 | 9.523597 | 159.1372 | .1517379 | .0050696 |
| #3 | .5142516 | 144.0430 | 9.540947 | 159.0880 | .1524270 | .0054634 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.980146 | .1155725 | 3.259225 | 2.806596 | 9.332961 | .0408799 |
| Stddev | .437235  | .0051108 | .027842  | .131215  | .048031  | .0015481 |
| %RSD   | 22.08097 | 4.422132 | .8542426 | 4.675254 | .5146397 | 3.786922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.385358 | .1149052 | 3.290889 | 2.784083 | 9.291215 | .0417187 |
| #2 | 1.516720 | .1209841 | 3.238575 | 2.947612 | 9.322212 | .0418276 |
| #3 | 2.038360 | .1108281 | 3.248212 | 2.688094 | 9.385456 | .0390935 |

Sample Name: P5038-08      Acquired: 12/16/2024 22:08:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027432 | 2.988929 | 4.679714 | .2483519 | .3916254 | .9451245 |
| Stddev | .0003233 | .014484  | .035852  | .0037859 | .0010479 | .0017583 |
| %RSD   | 11.78589 | .4846028 | .7661164 | 1.524393 | .2675661 | .1860351 |
| #1     | .0025838 | 2.980952 | 4.644113 | .2453433 | .3928353 | .9432903 |
| #2     | .0031152 | 2.980186 | 4.715812 | .2471095 | .3910106 | .9452877 |
| #3     | .0025305 | 3.005648 | 4.679217 | .2526028 | .3910303 | .9467954 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0446246 |
| Stddev | .0023568 |
| %RSD   | 5.281380 |
| #1     | .0436934 |
| #2     | .0473047 |
| #3     | .0428757 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2133.008 | 26305.02 | 2752.023 | 1821.989 | 2191.599 |
| Stddev    | 5.750    | 49.93    | 12.443   | 4.931    | 6.424    |
| %RSD      | .2695815 | .1898169 | .4521401 | .2706382 | .2930969 |
| #1        | 2131.365 | 26256.60 | 2764.148 | 1816.357 | 2195.984 |
| #2        | 2139.401 | 26302.14 | 2739.285 | 1824.082 | 2194.586 |
| #3        | 2128.258 | 26356.33 | 2752.635 | 1825.529 | 2184.226 |

Sample Name: P5038-09      Acquired: 12/16/2024 22:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK89      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1326133 | .0537075 | 2.462582 | -.025479 | .0234068 | 52.97341 | 1.069011 |
| Stddev | .0021545 | .0003322 | .005007  | .001882  | .0025609 | .23307   | .003176  |
| %RSD   | 1.624671 | .6184704 | .2033289 | 7.387122 | 10.94097 | .4399755 | .2971274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1306627 | .0537254 | 2.467167 | -.023375 | .0233593 | 52.96119 | 1.069820 |
| #2 | .1322514 | .0533667 | 2.457239 | -.027002 | .0208700 | 52.74669 | 1.065509 |
| #3 | .1349259 | .0540303 | 2.463339 | -.026061 | .0259912 | 53.21235 | 1.071705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053756 | .0078868 | 470.3480 | .1092712 | .1343187 | .2877316 | 142.9927 |
| Stddev | .0001097 | .0000393 | 1.2402   | .0007754 | .0005621 | .0061359 | .8261    |
| %RSD   | 2.041486 | .4980860 | .2636840 | .7095714 | .4185105 | 2.132516 | .5777294 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055022 | .0078467 | 470.1049 | .1098852 | .1349672 | .2806723 | 143.3477 |
| #2 | .0053178 | .0078884 | 469.2474 | .1083999 | .1339703 | .2917847 | 142.0484 |
| #3 | .0053068 | .0079252 | 471.6918 | .1095286 | .1340187 | .2907379 | 143.5819 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.10860 | 56.56995 | .1368018 | .0043374 | 1.786925 | .1293012 | 1.291361 |
| Stddev | .06098   | .20362   | .0015520 | .0003248 | .423371  | .0013749 | .008684  |
| %RSD   | .4036103 | .3599475 | 1.134480 | 7.489253 | 23.69270 | 1.063363 | .6724536 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.11986 | 56.71126 | .1385825 | .0045095 | 2.230940 | .1307823 | 1.281666 |
| #2 | 15.04277 | 56.33655 | .1357363 | .0039627 | 1.387771 | .1280654 | 1.293993 |
| #3 | 15.16316 | 56.66204 | .1360868 | .0045399 | 1.742065 | .1290560 | 1.298425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.303980 | 9.329809 | .0304438 | .0060043 | 1.660560 | 5.552810 | .1388211 |
| Stddev | .160963  | .029820  | .0012107 | .0000959 | .002100  | .020432  | .0016172 |
| %RSD   | 3.739858 | .3196154 | 3.976708 | 1.597737 | .1264435 | .3679530 | 1.164950 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.220107 | 9.322789 | .0292686 | .0059420 | 1.658786 | 5.566413 | .1390273 |
| #2 | 4.202275 | 9.304125 | .0303757 | .0059562 | 1.660015 | 5.562701 | .1371107 |
| #3 | 4.489559 | 9.362512 | .0316871 | .0061148 | 1.662878 | 5.529314 | .1403254 |

Sample Name: P5038-09      Acquired: 12/16/2024 22:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK89      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3634603 | .2600666 | .0436999 |
| Stddev | .0046521 | .0004593 | .0005443 |
| %RSD   | 1.279945 | .1766072 | 1.245546 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3600237 | .2595794 | .0440856 |
| #2 | .3687541 | .2601288 | .0430773 |
| #3 | .3616032 | .2604916 | .0439368 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2404.393 | 29444.67 | 2978.974 | 2041.333 | 2433.383 |
| Stddev    | 8.963    | 70.01    | 16.275   | 5.347    | 7.215    |
| %RSD      | .3727748 | .2377828 | .5463170 | .2619306 | .2965182 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2394.421 | 29364.28 | 2962.872 | 2035.226 | 2425.796 |
| #2 | 2411.778 | 29492.26 | 2978.634 | 2045.173 | 2440.159 |
| #3 | 2406.980 | 29477.46 | 2995.415 | 2043.599 | 2434.196 |



Sample Name: P5038-10      Acquired: 12/16/2024 22:16:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK90      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1112063 | .0252516 | 2.872805 | -.005113 | .0280937 | 55.67650 |
| Stddev | .0004817 | .0025974 | .008633  | .000412  | .0018407 | .29802   |
| %RSD   | .4331630 | 10.28612 | .3005014 | 8.062113 | 6.551887 | .5352672 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1117457 | .0252226 | 2.875339 | -.004921 | .0287473 | 56.01718 |
| #2 | .1110544 | .0226688 | 2.863188 | -.005587 | .0260154 | 55.54818 |
| #3 | .1108189 | .0278634 | 2.879886 | -.004833 | .0295183 | 55.46414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.653211 | .0057953 | .0110042 | 105.9940 | .1534982 | .1086804 |
| Stddev | .006862  | .0001829 | .0000570 | .4188    | .0004198 | .0005672 |
| %RSD   | .4150654 | 3.155851 | .5180485 | .3951263 | .2735186 | .5219207 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.660689 | .0056432 | .0109467 | 106.3372 | .1530151 | .1082056 |
| #2 | 1.651740 | .0059983 | .0110053 | 106.1175 | .1537750 | .1085270 |
| #3 | 1.647204 | .0057444 | .0110607 | 105.5274 | .1537044 | .1093086 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4617230 | 140.9420 | 9.180574 | 28.90640 | .1879321 | .0058831 |
| Stddev | .0018402 | .3292    | .030779  | .13482   | .0002320 | .0014826 |
| %RSD   | .3985418 | .2335959 | .3352642 | .4664095 | .1234672 | 25.20141 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4615021 | 141.2986 | 9.216067 | 28.96609 | .1878332 | .0075867 |
| #2 | .4600032 | 140.8781 | 9.164409 | 28.75203 | .1877660 | .0051780 |
| #3 | .4636636 | 140.6495 | 9.161245 | 29.00107 | .1881973 | .0048847 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.471356 | .1525444 | 2.297480 | 4.592553 | F 11.89638 | .0420040 |
| Stddev | .448367  | .0052799 | .025564  | .074527  | .04115     | .0018167 |
| %RSD   | 30.47306 | 3.461204 | 1.112693 | 1.622789 | .3459097   | 4.324999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.528448 | .1584450 | 2.272603 | 4.525204 | 11.86533 | .0438808 |
| #2 | .997177  | .1482659 | 2.323680 | 4.579834 | 11.88075 | .0402541 |
| #3 | 1.888443 | .1509221 | 2.296157 | 4.672622 | 11.94305 | .0418772 |

Sample Name: P5038-10      Acquired: 12/16/2024 22:16:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK90      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069623 | 4.385444 | 7.874318 | .1176346 | .6101193 | .1164548 |
| Stddev | .0004217 | .014207  | .053200  | .0014550 | .0037847 | .0005009 |
| %RSD   | 6.057482 | .3239626 | .6756107 | 1.236839 | .6203251 | .4301198 |
| #1     | .0074420 | 4.375311 | 7.931815 | .1172008 | .6131910 | .1169021 |
| #2     | .0066495 | 4.379338 | 7.826840 | .1164459 | .6058913 | .1159136 |
| #3     | .0067954 | 4.401684 | 7.864299 | .1192572 | .6112756 | .1165487 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0600926 |
| Stddev | .0020001 |
| %RSD   | 3.328279 |
| #1     | .0612364 |
| #2     | .0612583 |
| #3     | .0577832 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2317.519 | 28290.58 | 2798.762 | 1969.403 | 2618.550 |
| Stddev    | 10.186   | 89.21    | 21.138   | 7.717    | 12.679   |
| %RSD      | .4395296 | .3153455 | .7552575 | .3918477 | .4842065 |
| #1        | 2315.346 | 28344.21 | 2774.487 | 1977.107 | 2616.511 |
| #2        | 2328.616 | 28187.60 | 2813.101 | 1961.673 | 2632.125 |
| #3        | 2308.595 | 28339.94 | 2808.697 | 1969.430 | 2607.014 |

Sample Name: P5038-11      Acquired: 12/16/2024 22:20:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK91      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1651965 | .0342498 | 6.872897 | -.003325 | .0371008 | 70.95574 |
| Stddev | .0060794 | .0019700 | .012982  | .001704  | .0003490 | .19455   |
| %RSD   | 3.680076 | 5.751831 | .1888862 | 51.23874 | .9405917 | .2741819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1589598 | .0324933 | 6.868105 | -.003899 | .0373039 | 71.02376 |
| #2 | .1711052 | .0363798 | 6.862993 | -.001408 | .0366979 | 71.10715 |
| #3 | .1655244 | .0338762 | 6.887594 | -.004667 | .0373007 | 70.73632 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.310878 | .0076835 | .0154086 | 147.5517 | .1863901 | .1368776 |
| Stddev | .008416  | .0000978 | .0000514 | .1352    | .0004405 | .0007430 |
| %RSD   | .3641789 | 1.272639 | .3339312 | .0916609 | .2363171 | .5427925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.311878 | .0076578 | .0154265 | 147.5060 | .1866589 | .1361531 |
| #2 | 2.318748 | .0077916 | .0154488 | 147.7039 | .1858818 | .1368418 |
| #3 | 2.302006 | .0076011 | .0153506 | 147.4452 | .1866297 | .1376378 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6345684 | 189.4191 | 12.25159 | 35.11335 | .2443450 | .0083025 |
| Stddev | .0045398 | .6841    | .03739   | .05257   | .0008922 | .0007617 |
| %RSD   | .7154203 | .3611731 | .3051683 | .1497140 | .3651375 | 9.173864 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6297246 | 189.0069 | 12.21406 | 35.11097 | .2452865 | .0086166 |
| #2 | .6352543 | 190.2088 | 12.28883 | 35.16707 | .2435120 | .0074340 |
| #3 | .6387262 | 189.0416 | 12.25188 | 35.06201 | .2442364 | .0088569 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.160782 | .2032865 | 3.045027 | 6.547253 | F 15.44264 | .0513343 |
| Stddev | .412089  | .0028835 | .014037  | .147894  | .04600     | .0016983 |
| %RSD   | 35.50099 | 1.418449 | .4609880 | 2.258869 | .2978725   | 3.308217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.220878 | .2040742 | 3.057569 | 6.700380 | 15.41368 | .0525154 |
| #2 | .721944  | .2056943 | 3.029864 | 6.405216 | 15.41856 | .0493881 |
| #3 | 1.539523 | .2000910 | 3.047648 | 6.536164 | 15.49568 | .0520995 |

Sample Name: P5038-11      Acquired: 12/16/2024 22:20:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK91      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097190 | 5.142013 | 8.506708 | .1623859 | .6524012 | .1812637 |
| Stddev | .0003933 | .011047  | .054905  | .0005495 | .0030729 | .0000577 |
| %RSD   | 4.046662 | .2148325 | .6454294 | .3383776 | .4710077 | .0318392 |
| #1     | .0099358 | 5.133430 | 8.475667 | .1626108 | .6533484 | .1812862 |
| #2     | .0099561 | 5.138132 | 8.570102 | .1627872 | .6548889 | .1813067 |
| #3     | .0092650 | 5.154476 | 8.474355 | .1617596 | .6489662 | .1811981 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0840930 |
| Stddev | .0021974 |
| %RSD   | 2.613101 |
| #1     | .0846200 |
| #2     | .0816800 |
| #3     | .0859791 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2392.827 | 29182.57 | 2952.359 | 2036.838 | 2588.450 |
| Stddev    | 4.326    | 62.42    | 12.975   | 6.353    | 3.871    |
| %RSD      | .1807842 | .2138863 | .4394910 | .3119024 | .1495492 |
| #1        | 2394.226 | 29111.86 | 2966.482 | 2037.492 | 2587.874 |
| #2        | 2396.280 | 29230.03 | 2940.967 | 2042.838 | 2592.577 |
| #3        | 2387.975 | 29205.80 | 2949.627 | 2030.183 | 2584.899 |

Sample Name: P5038-12      Acquired: 12/16/2024 22:23:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK92      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1316994 | .0359914 | 2.843124 | -.010626 | .0256559 | 60.00316 |
| Stddev | .0015643 | .0053780 | .020886  | .003473  | .0015049 | .57893   |
| %RSD   | 1.187774 | 14.94238 | .7346197 | 32.68082 | 5.865824 | .9648374 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1299480 | .0377079 | 2.853042 | -.012977 | .0242337 | 59.33982 |
| #2 | .1321923 | .0299647 | 2.857203 | -.006637 | .0272317 | 60.40659 |
| #3 | .1329579 | .0403017 | 2.819127 | -.012265 | .0255021 | 60.26307 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.758816 | .0060395 | .0110613 | 153.4365 | .1430859 | .1153554 |
| Stddev | .015984  | .0001162 | .0002582 | .9778    | .0008005 | .0004883 |
| %RSD   | .9087870 | 1.924175 | 2.333892 | .6372825 | .5594256 | .4232897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.740581 | .0059494 | .0111269 | 152.3148 | .1440092 | .1153370 |
| #2 | 1.770406 | .0059985 | .0112804 | 154.1087 | .1425888 | .1158526 |
| #3 | 1.765460 | .0061707 | .0107767 | 153.8862 | .1426596 | .1148766 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4476979 | 145.0472 | 12.09453 | 30.29667 | .1731233 | .0065629 |
| Stddev | .0104400 | 1.8227   | .11735   | .21203   | .0020665 | .0002403 |
| %RSD   | 2.331930 | 1.256649 | .9702894 | .6998434 | 1.193639 | 3.661385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4374124 | 142.9628 | 11.96368 | 30.05282 | .1736714 | .0068293 |
| #2 | .4473954 | 146.3419 | 12.19045 | 30.43760 | .1748605 | .0064970 |
| #3 | .4582859 | 145.8370 | 12.12946 | 30.39958 | .1708380 | .0063624 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.615825 | .1684157 | 1.978961 | 4.343107 | F 11.76081 | .0382030 |
| Stddev | .581866  | .0151956 | .014796  | .149217  | .09699     | .0007861 |
| %RSD   | 36.01047 | 9.022651 | .7476594 | 3.435729 | .8246766   | 2.057707 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.150188 | .1526771 | 1.975473 | 4.196831 | 11.80088 | .0389041 |
| #2 | 1.429174 | .1695675 | 1.966220 | 4.495102 | 11.83135 | .0383517 |
| #3 | 2.268114 | .1830027 | 1.995189 | 4.337387 | 11.65021 | .0373531 |

Sample Name: P5038-12      Acquired: 12/16/2024 22:23:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK92      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073460 | 2.742444 | 7.099352 | .1386965 | .5590419 | .2026611 |
| Stddev | .0006103 | .021669  | .055985  | .0011796 | .0061911 | .0020217 |
| %RSD   | 8.307595 | .7901213 | .7885911 | .8505142 | 1.107443 | .9975678 |
| #1     | .0080212 | 2.750954 | 7.038403 | .1400402 | .5526860 | .2003823 |
| #2     | .0071829 | 2.758566 | 7.148486 | .1382177 | .5650538 | .2042394 |
| #3     | .0068338 | 2.717812 | 7.111167 | .1378315 | .5593859 | .2033616 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0687110 |
| Stddev | .0042026 |
| %RSD   | 6.116413 |
| #1     | .0660219 |
| #2     | .0665571 |
| #3     | .0735540 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2295.479 | 28116.79 | 2798.648 | 1949.096 | 2548.047 |
| Stddev    | 10.287   | 61.94    | 31.643   | 3.708    | 12.220   |
| %RSD      | .4481417 | .2203063 | 1.130656 | .1902431 | .4795975 |
| #1        | 2287.670 | 28185.58 | 2834.028 | 1951.393 | 2538.511 |
| #2        | 2291.633 | 28099.34 | 2773.053 | 1944.819 | 2543.807 |
| #3        | 2307.135 | 28065.44 | 2788.865 | 1951.077 | 2561.823 |

Sample Name: CCV043      Acquired: 12/16/2024 22:32:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.890097 | 4.552316 | 24.09595 | 4.878355 | 5.060710 | 390.5772 | 9.792449 |
| Stddev | .019731  | .025994  | .11977   | .030045  | .015812  | .3452    | .012003  |
| %RSD   | .4034816 | .5710121 | .4970712 | .6158833 | .3124367 | .0883795 | .1225715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.869930 | 4.531980 | 24.02739 | 4.852066 | 5.047703 | 390.2292 | 9.800994 |
| #2 | 4.909360 | 4.543365 | 24.02622 | 4.871894 | 5.056119 | 390.5828 | 9.778726 |
| #3 | 4.891002 | 4.581603 | 24.23425 | 4.911104 | 5.078310 | 390.9195 | 9.797625 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4955180 | 2.443978 | 388.2962 | 15.13320 | 2.521545 | 14.58267 | 385.7089 |
| Stddev | .0042163 | .011295  | 1.0118   | .03494   | .009554  | .03469   | 1.0712   |
| %RSD   | .8508938 | .4621749 | .2605689 | .2308535 | .3788893 | .2378741 | .2777333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4907989 | 2.438700 | 387.1408 | 15.09411 | 2.516401 | 14.54716 | 386.7286 |
| #2 | .4989144 | 2.436288 | 388.7242 | 15.14410 | 2.515665 | 14.58437 | 384.5927 |
| #3 | .4968407 | 2.456946 | 389.0237 | 15.16138 | 2.532568 | 14.61647 | 385.8055 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.58195 | 390.8086 | 2.477486 | 1.242178 | 395.0291 | 2.405569 | 14.94696 |
| Stddev | .04993   | .5287    | .012181  | .003382  | 2.6943   | .012118  | .05758   |
| %RSD   | .3424284 | .1352892 | .4916737 | .2722671 | .6820488 | .5037365 | .3852452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.60943 | 390.8316 | 2.469238 | 1.239335 | 397.6026 | 2.402584 | 14.97611 |
| #2 | 14.52431 | 390.2688 | 2.471742 | 1.245918 | 392.2284 | 2.395223 | 14.88064 |
| #3 | 14.61211 | 391.3255 | 2.491477 | 1.241281 | 395.2562 | 2.418900 | 14.98414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.8920 | 4.894468 | 4.842731 | 4.570017 | 4.960870 | 4.777899 | 4.898888 |
| Stddev | .2321    | .014703  | .035065  | .020165  | .016258  | .043810  | .019067  |
| %RSD   | .1537993 | .3003915 | .7240652 | .4412427 | .3277311 | .9169363 | .3892112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 150.9598 | 4.888418 | 4.802288 | 4.553912 | 4.946883 | 4.727785 | 4.886332 |
| #2 | 150.6335 | 4.883756 | 4.861280 | 4.563507 | 4.957019 | 4.808939 | 4.889504 |
| #3 | 151.0825 | 4.911231 | 4.864625 | 4.592633 | 4.978708 | 4.796973 | 4.920828 |

Sample Name: CCV043      Acquired: 12/16/2024 22:32:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.832967 | 4.721389 | 4.842001 |
| Stddev | .012460  | .016249  | .009698  |
| %RSD   | .2578199 | .3441619 | .2002926 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.846119 | 4.736486 | 4.837309 |
| #2 | 4.831446 | 4.704192 | 4.835541 |
| #3 | 4.821338 | 4.723488 | 4.853153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1658.896 | 22171.01 | 2330.881 | 1428.088 | 2120.451 |
| Stddev    | 6.041    | 43.56    | 7.155    | 6.169    | 8.868    |
| %RSD      | .3641809 | .1964738 | .3069663 | .4319985 | .4182305 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1658.683 | 22129.16 | 2339.028 | 1432.159 | 2118.632 |
| #2 | 1665.041 | 22216.10 | 2325.618 | 1431.115 | 2130.088 |
| #3 | 1652.964 | 22167.75 | 2327.997 | 1420.990 | 2112.633 |



Sample Name: CCB043      Acquired: 12/16/2024 22:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001866 | .0026090 | .0016530 | -.001753 | .0035971 | .0064574 | -.003450 |
| Stddev | .000979  | .0006136 | .0012609 | .001346  | .0006863 | .0105112 | .001704  |
| %RSD   | 52.48012 | 23.51824 | 76.28387 | 76.77489 | 19.07966 | 162.7780 | 49.38206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002854 | .0019021 | .0029684 | -.001760 | .0041135 | -.000311 | -.003155 |
| #2 | -.000896 | .0029205 | .0015359 | -.000404 | .0038595 | .018567  | -.005282 |
| #3 | -.001849 | .0030043 | .0004547 | -.003096 | .0028183 | .001117  | -.001913 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000067 | -.000086 | .0179216 | .0000973 | .0001155 | -.005412 | -.039799 |
| Stddev | .000084  | .000135  | .0389490 | .0001893 | .0002897 | .007677  | .018626  |
| %RSD   | 126.0293 | 156.5411 | 217.3306 | 194.6076 | 250.8444 | 141.8484 | 46.79923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000101 | -.000008 | .0426073 | .0000932 | .0002039 | .003383  | -.018653 |
| #2 | -.000129 | -.000242 | .0381361 | .0002887 | .0003506 | -.008853 | -.053771 |
| #3 | .000029  | -.000009 | -.026979 | -.000090 | -.000208 | -.010768 | -.046974 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000259 | -.005454 | .0004312 | -.001531 | .4102077 | .0005092 | .0001523 |
| Stddev | .001086  | .053690  | .0003828 | .000714  | .6287777 | .0053679 | .0011818 |
| %RSD   | 419.2777 | 984.3471 | 88.76834 | 46.64415 | 153.2828 | 1054.216 | 775.6978 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000611 | -.018243 | .0007585 | -.001381 | .0655982 | -.002726 | -.001210 |
| #2 | -.001125 | -.051595 | .0000103 | -.000904 | .0290736 | .006705  | .000771  |
| #3 | .000960  | .053475  | .0005248 | -.002308 | 1.135951 | -.002452 | .000897  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3305989 | .0071276 | .0031677 | -.000208 | -.000141 | -.000555 | .0011911 |
| Stddev | .1036598 | .0023107 | .0007849 | .000230  | .002036  | .000604  | .0010655 |
| %RSD   | 31.35517 | 32.41843 | 24.78018 | 110.7063 | 1443.901 | 108.9187 | 89.45075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4439586 | .0097634 | .0038819 | -.000175 | .002202  | -.000753 | .0006605 |
| #2 | .2406392 | .0061683 | .0023273 | .000004  | -.001146 | .000124  | .0024177 |
| #3 | .3071988 | .0054511 | .0032939 | -.000453 | -.001480 | -.001035 | .0004951 |

Sample Name: CCB043      Acquired: 12/16/2024 22:35:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010178 | .0001216 | .0005228 |
| Stddev | .0029354 | .0001179 | .0015910 |
| %RSD   | 288.4066 | 96.89784 | 304.2966 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000760 | .0000998 | .0000151 |
| #2 | -.000592 | .0002489 | .0023057 |
| #3 | .004406  | .0000162 | -.000752 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2033.529 | 24864.40 | 2434.098 | 1724.947 | 2664.176 |
| Stddev    | 9.860    | 54.67    | 22.140   | 7.802    | 10.872   |
| %RSD      | .4848647 | .2198648 | .9095851 | .4523192 | .4080944 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2040.710 | 24905.35 | 2412.645 | 1719.118 | 2672.427 |
| #2 | 2037.589 | 24885.53 | 2456.867 | 1733.811 | 2668.244 |
| #3 | 2022.287 | 24802.32 | 2432.782 | 1721.912 | 2651.856 |

Sample Name: P5038-13      Acquired: 12/16/2024 22:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0515193 | .0134368 | .3493837 | -.013927 | .0372791 | 102.1276 | .9310669 |
| Stddev | .0035133 | .0021560 | .0017379 | .001027  | .0009175 | .2238    | .0033068 |
| %RSD   | 6.819416 | 16.04569 | .4974061 | 7.376993 | 2.461224 | .2190910 | .3551595 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0552956 | .0141368 | .3479635 | -.012971 | .0383385 | 102.1965 | .9323727 |
| #2 | .0483474 | .0151558 | .3488660 | -.013797 | .0367404 | 102.3087 | .9335214 |
| #3 | .0509150 | .0110177 | .3513216 | -.015013 | .0367583 | 101.8775 | .9273066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084534 | .0033418 | 138.9229 | .1482644 | .1137619 | .1145100 | 216.3696 |
| Stddev | .0000940 | .0001246 | .3342    | .0020928 | .0005598 | .0049496 | .5041    |
| %RSD   | 1.112490 | 3.728170 | .2405625 | 1.411538 | .4921071 | 4.322406 | .2329715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0085541 | .0032245 | 139.1996 | .1506198 | .1143418 | .1202211 | 216.4124 |
| #2 | .0084381 | .0034726 | 139.0177 | .1466188 | .1132245 | .1118436 | 216.8509 |
| #3 | .0083679 | .0033284 | 138.5516 | .1475547 | .1137193 | .1114652 | 215.8454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.731389 | 51.62342 | .1841916 | -.000576 | 1.611843 | .2239426 | .4900216 |
| Stddev | .011357  | .23652   | .0006753 | .001136  | .707771  | .0072330 | .0098473 |
| %RSD   | .3043698 | .4581554 | .3666335 | 197.2482 | 43.91068 | 3.229841 | 2.009554 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.728749 | 51.60250 | .1847023 | -.001526 | 1.821623 | .2160848 | .5003937 |
| #2 | 3.743834 | 51.39807 | .1834259 | .000683  | .822896  | .2303225 | .4808004 |
| #3 | 3.721584 | 51.86971 | .1844465 | -.000885 | 2.191010 | .2254207 | .4888706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.816449 | 5.972433 | .0376483 | .0032732 | 2.320911 | 9.744125 | .0296495 |
| Stddev | .066318  | .022621  | .0006399 | .0002742 | .011393  | .049175  | .0022071 |
| %RSD   | 1.737695 | .3787633 | 1.699570 | 8.376930 | .4908695 | .5046675 | 7.443838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.867116 | 5.961943 | .0371709 | .0032904 | 2.310420 | 9.764910 | .0304226 |
| #2 | 3.840844 | 5.956960 | .0373988 | .0035384 | 2.319283 | 9.779496 | .0313661 |
| #3 | 3.741389 | 5.998395 | .0383754 | .0029908 | 2.333030 | 9.687970 | .0271599 |

Sample Name: P5038-13      Acquired: 12/16/2024 22:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7439671 | .0668357 | .1282265 |
| Stddev | .0035303 | .0002938 | .0020779 |
| %RSD   | .4745274 | .4396194 | 1.620475 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7472538 | .0671357 | .1300530 |
| #2 | .7444122 | .0668230 | .1259659 |
| #3 | .7402354 | .0665485 | .1286607 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2246.766 | 27478.63 | 2738.877 | 1911.709 | 2568.491 |
| Stddev    | 6.861    | 130.84   | 5.910    | 3.265    | 7.844    |
| %RSD      | .3053813 | .4761658 | .2157845 | .1707653 | .3054123 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2253.118 | 27559.23 | 2744.161 | 1915.094 | 2577.310 |
| #2 | 2239.490 | 27549.01 | 2732.495 | 1911.453 | 2565.871 |
| #3 | 2247.691 | 27327.66 | 2739.975 | 1908.580 | 2562.292 |

Sample Name: P5038-14      Acquired: 12/16/2024 22:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0420568 | .0142253 | .3484395 | -.018162 | .0264032 | 83.68943 | .7961815 |
| Stddev | .0024445 | .0034049 | .0029579 | .001974  | .0012023 | .01994   | .0017602 |
| %RSD   | 5.812434 | 23.93535 | .8488873 | 10.86974 | 4.553645 | .0238284 | .2210752 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0437435 | .0103406 | .3469919 | -.018692 | .0267659 | 83.71055 | .7948628 |
| #2 | .0431737 | .0156433 | .3518423 | -.015977 | .0250613 | 83.67092 | .7955014 |
| #3 | .0392534 | .0166920 | .3464841 | -.019817 | .0273824 | 83.68683 | .7981802 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068193 | .0028819 | 133.4311 | .1225062 | .0956994 | .1384238 | 166.5471 |
| Stddev | .0001977 | .0000611 | .0862    | .0013385 | .0003273 | .0007261 | .2485    |
| %RSD   | 2.898740 | 2.118317 | .0645965 | 1.092581 | .3420352 | .5245247 | .1491939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067958 | .0029410 | 133.5245 | .1216756 | .0958517 | .1383033 | 166.3007 |
| #2 | .0066344 | .0028191 | 133.3547 | .1217928 | .0953237 | .1392026 | 166.5432 |
| #3 | .0070276 | .0028856 | 133.4139 | .1240503 | .0959228 | .1377655 | 166.7976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.268859 | 54.17631 | .1448136 | -.000915 | .9261421 | .1835830 | .4512245 |
| Stddev | .002225  | .13769   | .0004973 | .001806  | .5110624 | .0111075 | .0125247 |
| %RSD   | .0680643 | .2541434 | .3434052 | 197.4637 | 55.18186 | 6.050369 | 2.775712 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.271428 | 54.33529 | .1449429 | -.002972 | .4276578 | .1867148 | .4587383 |
| #2 | 3.267605 | 54.09648 | .1452336 | .000409  | 1.448916 | .1927884 | .4367660 |
| #3 | 3.267544 | 54.09715 | .1442645 | -.000181 | .901852  | .1712459 | .4581692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.954575 | 5.863173 | .0301715 | .0028873 | 2.681341 | 11.74038 | .0299988 |
| Stddev | .140020  | .025958  | .0034622 | .0001975 | .010358  | .15560   | .0001049 |
| %RSD   | 3.540720 | .4427315 | 11.47520 | 6.839291 | .3862946 | 1.325362 | .3496418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.792905 | 5.859288 | .0339443 | .0030814 | 2.677752 | 11.56623 | .0300184 |
| #2 | 4.037065 | 5.839377 | .0271398 | .0026867 | 2.673255 | 11.86575 | .0298855 |
| #3 | 4.033756 | 5.890855 | .0294304 | .0028938 | 2.693016 | 11.78917 | .0300925 |

Sample Name: P5038-14      Acquired: 12/16/2024 22:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA5      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7031411 | .0737080 | .0934541 |
| Stddev | .0022488 | .0003155 | .0012810 |
| %RSD   | .3198221 | .4280759 | 1.370702 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7049380 | .0735532 | .0936900 |
| #2 | .7038661 | .0740711 | .0946008 |
| #3 | .7006192 | .0734999 | .0920716 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2275.974 | 27260.98 | 2722.577 | 1896.616 | 2627.392 |
| Stddev    | 9.451    | 150.67   | 26.165   | 18.447   | 2.076    |
| %RSD      | .4152646 | .5526834 | .9610271 | .9726381 | .0790164 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2279.304 | 27246.43 | 2749.071 | 1894.708 | 2626.041 |
| #2 | 2283.310 | 27418.39 | 2696.754 | 1915.943 | 2629.783 |
| #3 | 2265.309 | 27118.11 | 2721.905 | 1879.198 | 2626.353 |

Sample Name: P5038-15      Acquired: 12/16/2024 22:47:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0286418 | .0473492 | .9101516 | -.055893 | -.002632 | 25.06029 |
| Stddev | .0042788 | .0025165 | .0074188 | .003818  | .000988  | .06391   |
| %RSD   | 14.93910 | 5.314815 | .8151149 | 6.830211 | 37.53018 | .2550110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0286611 | .0500706 | .9099622 | -.054676 | -.001647 | 25.02329 |
| #2 | .0243534 | .0468709 | .9028293 | -.052833 | -.002628 | 25.13408 |
| #3 | .0329110 | .0451062 | .9176632 | -.060171 | -.003623 | 25.02349 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2477952 | .0022567 | .0079290 | F 1484.423 | .0664829 | .0785040 |
| Stddev | .0013597 | .0001464 | .0001503 | 9.017      | .0015167 | .0009804 |
| %RSD   | .5487055 | 6.486309 | 1.895788 | .6074708   | 2.281322 | 1.248812 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2477233 | .0021959 | .0077763 | 1475.796 | .0664641 | .0775552 |
| #2 | .2491893 | .0021505 | .0079338 | 1493.786 | .0649757 | .0784436 |
| #3 | .2464728 | .0024236 | .0080768 | 1483.686 | .0680089 | .0795132 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0723339 | 79.94681 | 8.044827 | 786.3124 | .0942074 | .0020847 |
| Stddev | .0044399 | .11659   | .028917  | 1.0917   | .0008275 | .0004887 |
| %RSD   | 6.138115 | .1458292 | .3594425 | .1388379 | .8783853 | 23.44087 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0688248 | 80.08087 | 8.061884 | 786.7283 | .0950626 | .0015612 |
| #2 | .0708515 | 79.89047 | 8.061156 | 787.1350 | .0934106 | .0025289 |
| #3 | .0773254 | 79.86910 | 8.011439 | 785.0739 | .0941492 | .0021639 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.805634 | .1198417 | 1.398685 | .8967718 | 2.936327 | .0610095 |
| Stddev | .438532  | .0043205 | .013628  | .0853575 | .004765  | .0012752 |
| %RSD   | 24.28688 | 3.605133 | .9743621 | 9.518309 | .1622691 | 2.090082 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.305119 | .1148741 | 1.414139 | .8154058 | 2.941770 | .0595649 |
| #2 | 1.627981 | .1227234 | 1.393528 | .9856273 | 2.932909 | .0619783 |
| #3 | 1.483803 | .1219276 | 1.388388 | .8892823 | 2.934303 | .0614854 |

Sample Name: P5038-15      Acquired: 12/16/2024 22:47:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000367 | 15.38238 | 5.363015 | .0324005 | .2632308 | .4992989 |
| Stddev | .000948  | .05086   | .054325  | .0028768 | .0009682 | .0011450 |
| %RSD   | 258.3117 | .3306089 | 1.012961 | 8.878715 | .3678046 | .2293261 |
| #1     | -.001386 | 15.41967 | 5.324080 | .0291467 | .2632135 | .4992387 |
| #2     | -.000205 | 15.32445 | 5.425077 | .0334484 | .2642075 | .5004729 |
| #3     | .000490  | 15.40301 | 5.339888 | .0346064 | .2622714 | .4981852 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0286100 |
| Stddev | .0004209 |
| %RSD   | 1.471209 |
| #1     | .0281497 |
| #2     | .0287051 |
| #3     | .0289753 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1938.718 | 24028.17 | 2516.797 | 1632.855 | 2119.688 |
| Stddev    | 13.608   | 50.95    | 18.483   | 6.324    | 11.970   |
| %RSD      | .7018977 | .2120461 | .7343728 | .3872699 | .5646868 |
| #1        | 1952.167 | 23972.44 | 2528.666 | 1625.598 | 2127.394 |
| #2        | 1939.032 | 24072.35 | 2495.502 | 1635.785 | 2125.771 |
| #3        | 1924.956 | 24039.73 | 2526.223 | 1637.183 | 2105.898 |



Sample Name: P5038-16      Acquired: 12/16/2024 22:51:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0198853 | .0390983 | .1728578 | -.053990 | .0016211 | 45.94965 |
| Stddev | .0021344 | .0005948 | .0041341 | .005369  | .0008589 | .07733   |
| %RSD   | 10.73362 | 1.521355 | 2.391614 | 9.944681 | 52.98151 | .1682870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0183612 | .0397352 | .1726727 | -.055898 | .0009452 | 45.86606 |
| #2 | .0189700 | .0385572 | .1770813 | -.058145 | .0025875 | 46.01864 |
| #3 | .0223247 | .0390024 | .1688194 | -.047927 | .0013305 | 45.96425 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3088529 | .0028639 | .0031396 | F 1166.954 | .0666194 | .0760543 |
| Stddev | .0009541 | .0002219 | .0000565 | 1.944      | .0005608 | .0006934 |
| %RSD   | .3089093 | 7.748887 | 1.800869 | .1666232   | .8418469 | .9117640 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3082553 | .0029029 | .0030971 | 1167.197 | .0660205 | .0754018 |
| #2 | .3099532 | .0030638 | .0032038 | 1168.765 | .0667054 | .0767825 |
| #3 | .3083501 | .0026251 | .0031180 | 1164.899 | .0671322 | .0759786 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0784020 | 80.48886 | 4.795434 | 350.7087 | .0948599 | -.000057 |
| Stddev | .0085965 | .19103   | .017203  | .6097    | .0007699 | .001420  |
| %RSD   | 10.96464 | .2373374 | .3587297 | .1738529 | .8116471 | 2477.874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0883282 | 80.41521 | 4.775587 | 350.6692 | .0946577 | .001567  |
| #2 | .0734907 | 80.70575 | 4.806067 | 351.3371 | .0942112 | -.000673 |
| #3 | .0733872 | 80.34561 | 4.804647 | 350.1196 | .0957108 | -.001066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.523606 | .1260463 | .5218932 | -.459978 | 2.221770 | .0914288 |
| Stddev | .174572  | .0134876 | .0068742 | .124287  | .004821  | .0005843 |
| %RSD   | 11.45780 | 10.70051 | 1.317161 | 27.02025 | .2169985 | .6390820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.568841 | .1311845 | .5294619 | -.560697 | 2.221772 | .0917759 |
| #2 | 1.330869 | .1362095 | .5201802 | -.321080 | 2.216948 | .0917562 |
| #3 | 1.671107 | .1107447 | .5160375 | -.498158 | 2.226590 | .0907541 |

Sample Name: P5038-16      Acquired: 12/16/2024 22:51:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0155803 | 20.21344 | 12.48982 | .0184104 | 1.507073 | .7151538 |
| Stddev | .0010178 | .00338   | .04622   | .0002132 | .002362  | .0024053 |
| %RSD   | 6.532799 | .0167141 | .3700282 | 1.157866 | .1567286 | .3363285 |
| #1     | .0144421 | 20.21050 | 12.45198 | .0184097 | 1.507198 | .7134829 |
| #2     | .0158959 | 20.21270 | 12.54133 | .0181976 | 1.504652 | .7179105 |
| #3     | .0164029 | 20.21713 | 12.47616 | .0186239 | 1.509371 | .7140679 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0263428 |
| Stddev | .0030559 |
| %RSD   | 11.60033 |
| #1     | .0295825 |
| #2     | .0259340 |
| #3     | .0235119 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1954.350 | 24039.48 | 2479.673 | 1647.783 | 2179.060 |
| Stddev    | 6.702    | 10.93    | 12.571   | 8.463    | 6.570    |
| %RSD      | .3429125 | .0454607 | .5069821 | .5135943 | .3014983 |
| #1        | 1962.088 | 24041.41 | 2489.415 | 1657.549 | 2186.055 |
| #2        | 1950.425 | 24027.71 | 2465.482 | 1642.600 | 2178.104 |
| #3        | 1950.537 | 24049.31 | 2484.121 | 1643.199 | 2173.020 |

Sample Name: P5038-17      Acquired: 12/16/2024 22:55:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238687 | .0506502 | .4822652 | -.056012 | .0012410 | 18.17104 |
| Stddev | .0016362 | .0009371 | .0039395 | .002921  | .0032506 | .01095   |
| %RSD   | 6.854916 | 1.850126 | .8168776 | 5.214391 | 261.9248 | .0602455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0247563 | .0516916 | .4785385 | -.058877 | .0007737 | 18.18253 |
| #2 | .0219806 | .0498751 | .4818695 | -.053039 | -.001751 | 18.16985 |
| #3 | .0248694 | .0503839 | .4863876 | -.056120 | .004700  | 18.16073 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2363412 | .0022189 | .0068816 | F 1642.423 | .0533512 | .0815979 |
| Stddev | .0009105 | .0001033 | .0001535 | 11.443     | .0011079 | .0003284 |
| %RSD   | .3852309 | 4.654711 | 2.230903 | .6966923   | 2.076683 | .4024899 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2357043 | .0021621 | .0067184 | 1629.211 | .0522196 | .0812979 |
| #2 | .2359354 | .0021564 | .0069031 | 1649.206 | .0534000 | .0815469 |
| #3 | .2373841 | .0023381 | .0070232 | 1648.851 | .0544338 | .0819488 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0591223 | 92.85836 | 7.829542 | F 898.8591 | .1025393 | .0003128 |
| Stddev | .0061052 | .27878   | .022182  | 1.6110     | .0003317 | .0015099 |
| %RSD   | 10.32636 | .3002238 | .2833138 | .1792279   | .3234323 | 482.7176 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0660120 | 93.03168 | 7.854199 | 900.7133 | .1024102 | -.000039 |
| #2 | .0569703 | 92.53678 | 7.823219 | 897.8024 | .1029161 | .001968  |
| #3 | .0543845 | 93.00662 | 7.811208 | 898.0616 | .1022916 | -.000990 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.588535 | .0939327 | 1.217633 | 1.584740 | 2.263822 | .0800513 |
| Stddev | .613120  | .0058499 | .024925  | .072528  | .010599  | .0035770 |
| %RSD   | 23.68598 | 6.227786 | 2.047021 | 4.576663 | .4681939 | 4.468379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.286803 | .0948047 | 1.188855 | 1.511617 | 2.261356 | .0770146 |
| #2 | 2.138249 | .0992976 | 1.232411 | 1.656658 | 2.254673 | .0791449 |
| #3 | 2.340552 | .0876957 | 1.231633 | 1.585946 | 2.275436 | .0839942 |

Sample Name: P5038-17      Acquired: 12/16/2024 22:55:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016228 | 35.58909 | 5.469322 | .0194668 | .1319552 | .7364565 |
| Stddev | .0008860 | .19284   | .024289  | .0023862 | .0011356 | .0010922 |
| %RSD   | 54.59402 | .5418547 | .4441003 | 12.25770 | .8605646 | .1483093 |
| #1     | .0024590 | 35.53891 | 5.480298 | .0193036 | .1308728 | .7377147 |
| #2     | .0006943 | 35.42631 | 5.486186 | .0219303 | .1318555 | .7359026 |
| #3     | .0017151 | 35.80207 | 5.441482 | .0171663 | .1331373 | .7357521 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0216086 |
| Stddev | .0033689 |
| %RSD   | 15.59057 |
| #1     | .0194379 |
| #2     | .0198983 |
| #3     | .0254896 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1865.301 | 23180.94 | 2421.356 | 1566.188 | 2045.800 |
| Stddev    | 2.244    | 19.74    | 12.147   | 6.727    | 5.534    |
| %RSD      | .1202932 | .0851697 | .5016775 | .4295316 | .2705148 |
| #1        | 1864.973 | 23199.99 | 2414.854 | 1567.436 | 2049.171 |
| #2        | 1867.691 | 23160.57 | 2413.844 | 1558.925 | 2048.817 |
| #3        | 1863.239 | 23182.25 | 2435.371 | 1572.205 | 2039.413 |

Sample Name: P5038-18      Acquired: 12/16/2024 22:59:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0618985 | .0433011 | 1.789855 | -.043016 | .0042347 | 28.13452 |
| Stddev | .0026670 | .0042095 | .006233  | .005397  | .0020668 | .10419   |
| %RSD   | 4.308637 | 9.721503 | .3482251 | 12.54567 | 48.80561 | .3703220 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0597833 | .0423057 | 1.790228 | -.043669 | .0018539 | 28.16008 |
| #2 | .0648945 | .0479191 | 1.783444 | -.048056 | .0055677 | 28.01993 |
| #3 | .0610177 | .0396785 | 1.795893 | -.037322 | .0052825 | 28.22355 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7253903 | .0035550 | .0067817 | F 1127.160 | .0666438 | .0882893 |
| Stddev | .0029219 | .0000383 | .0000697 | 7.908      | .0014148 | .0002691 |
| %RSD   | .4028091 | 1.078804 | 1.027618 | .7015670   | 2.122965 | .3048326 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7253146 | .0035771 | .0067674 | 1131.024 | .0682763 | .0884377 |
| #2 | .7225070 | .0035108 | .0067203 | 1118.063 | .0657743 | .0879786 |
| #3 | .7283494 | .0035772 | .0068575 | 1132.393 | .0658807 | .0884516 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2520611 | 91.90242 | 5.851560 | 626.1790 | .1099443 | .0011156 |
| Stddev | .0069467 | .65785   | .042813  | 3.3004   | .0013859 | .0003594 |
| %RSD   | 2.755965 | .7158090 | .7316470 | .5270730 | 1.260567 | 32.21646 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2458921 | 92.14903 | 5.862733 | 626.7036 | .1100645 | .0012865 |
| #2 | .2507054 | 91.15691 | 5.804268 | 622.6477 | .1085022 | .0007027 |
| #3 | .2595857 | 92.40133 | 5.887678 | 629.1857 | .1112663 | .0013578 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.392871 | .0831562 | 1.408723 | 2.711603 | 4.366247 | .0586347 |
| Stddev | .504231  | .0107852 | .013359  | .058368  | .013521  | .0030033 |
| %RSD   | 21.07221 | 12.96977 | .9483000 | 2.152530 | .3096665 | 5.122129 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.966680 | .0744964 | 1.393565 | 2.755695 | 4.366160 | .0559759 |
| #2 | 2.191440 | .0797351 | 1.418780 | 2.645413 | 4.352770 | .0580358 |
| #3 | 2.020492 | .0952369 | 1.413823 | 2.733702 | 4.379811 | .0618924 |

Sample Name: P5038-18      Acquired: 12/16/2024 22:59:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016748 | 23.53422 | 4.986550 | .0657314 | .2498738 | 1.982269 |
| Stddev | .0001509 | .11565   | .027059  | .0013280 | .0035704 | .014522  |
| %RSD   | 9.012912 | .4914115 | .5426488 | 2.020260 | 1.428889 | .7326103 |
| #1     | .0018267 | 23.48915 | 5.017779 | .0666748 | .2538733 | 1.985398 |
| #2     | .0016728 | 23.44789 | 4.971802 | .0642129 | .2487405 | 1.966437 |
| #3     | .0015248 | 23.66562 | 4.970069 | .0663066 | .2470076 | 1.994972 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0329913 |
| Stddev | .0038274 |
| %RSD   | 11.60113 |
| #1     | .0285819 |
| #2     | .0354547 |
| #3     | .0349372 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2083.791 | 25728.59 | 2655.694 | 1748.918 | 2224.816 |
| Stddev    | 4.056    | 106.79   | 17.652   | 13.995   | 7.222    |
| %RSD      | .1946576 | .4150789 | .6646688 | .8001822 | .3246314 |
| #1        | 2079.306 | 25768.75 | 2639.347 | 1753.640 | 2217.861 |
| #2        | 2084.864 | 25809.49 | 2674.411 | 1759.941 | 2232.279 |
| #3        | 2087.203 | 25607.54 | 2653.325 | 1733.174 | 2224.309 |

Sample Name: P5038-19      Acquired: 12/16/2024 23:03:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0453564 | .0157370 | .3833676 | -.013150 | .0196909 | 35.55470 |
| Stddev | .0075296 | .0035412 | .0024572 | .003029  | .0011263 | .27954   |
| %RSD   | 16.60103 | 22.50254 | .6409604 | 23.03229 | 5.719818 | .7862278 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0372447 | .0117257 | .3822610 | -.012129 | .0209573 | 35.23307 |
| #2 | .0521225 | .0170554 | .3861836 | -.010764 | .0193140 | 35.73911 |
| #3 | .0467021 | .0184298 | .3816583 | -.016557 | .0188014 | 35.69194 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4358535 | .0029557 | .0026170 | 105.0084 | .0673836 | .0546188 |
| Stddev | .0038135 | .0000269 | .0001110 | .7256    | .0004475 | .0002072 |
| %RSD   | .8749419 | .9106024 | 4.239898 | .6909991 | .6640366 | .3792915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4314741 | .0029715 | .0025963 | 104.1705 | .0678467 | .0543926 |
| #2 | .4384405 | .0029247 | .0025179 | 105.4339 | .0673505 | .0546643 |
| #3 | .4376459 | .0029710 | .0027369 | 105.4207 | .0669537 | .0547994 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1137365 | 68.71644 | 2.871034 | 18.84103 | .3726350 | -.000538 |
| Stddev | .0081393 | .56377   | .023968  | .16112   | .0017607 | .000770  |
| %RSD   | 7.156266 | .8204267 | .8348296 | .8551791 | .4725103 | 143.1017 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1061570 | 68.07482 | 2.843475 | 18.65730 | .3715915 | .000136  |
| #2 | .1127135 | 69.13253 | 2.882617 | 18.95829 | .3716456 | -.001377 |
| #3 | .1223389 | 68.94197 | 2.887011 | 18.90750 | .3746679 | -.000373 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.565550 | .0851152 | 1.656629 | 4.134317 | F 10.27609 | .0375701 |
| Stddev | .406871  | .0125141 | .031099  | .066178  | .04943     | .0016451 |
| %RSD   | 25.98900 | 14.70256 | 1.877221 | 1.600695 | .4810127   | 4.378685 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.498207 | .0717350 | 1.632564 | 4.201382 | 10.22609 | .0388967 |
| #2 | 1.196552 | .0965308 | 1.691744 | 4.069063 | 10.27726 | .0380842 |
| #3 | 2.001891 | .0870799 | 1.645579 | 4.132507 | 10.32493 | .0357293 |

Sample Name: P5038-19      Acquired: 12/16/2024 23:03:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061550 | 4.552975 | 5.440823 | .0217533 | .6077410 | .2725700 |
| Stddev | .0003825 | .034376  | .009730  | .0003951 | .0044922 | .0019759 |
| %RSD   | 6.214418 | .7550119 | .1788257 | 1.816388 | .7391659 | .7249096 |
| #1     | .0062778 | 4.516674 | 5.434520 | .0221917 | .6047269 | .2702893 |
| #2     | .0064610 | 4.557219 | 5.435919 | .0216435 | .6055920 | .2737628 |
| #3     | .0057262 | 4.585031 | 5.452028 | .0214247 | .6129041 | .2736580 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0094068 |
| Stddev | .0012229 |
| %RSD   | 13.00036 |
| #1     | .0099473 |
| #2     | .0080067 |
| #3     | .0102663 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2201.753 | 27102.08 | 2667.006 | 1878.807 | 2696.618 |
| Stddev    | 4.127    | 175.56   | 14.566   | 12.513   | 8.391    |
| %RSD      | .1874611 | .6477577 | .5461535 | .6659960 | .3111751 |
| #1        | 2205.799 | 27108.86 | 2675.811 | 1883.202 | 2706.307 |
| #2        | 2197.549 | 26923.24 | 2650.193 | 1864.689 | 2691.810 |
| #3        | 2201.910 | 27274.15 | 2675.014 | 1888.529 | 2691.737 |



Sample Name: P5038-20      Acquired: 12/16/2024 23:07:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0979156 | .0147687 | .7809976 | -.000561 | .0324954 | 76.53676 | 1.008793 |
| Stddev | .0011027 | .0023941 | .0055115 | .003410  | .0008828 | .33282   | .004827  |
| %RSD   | 1.126138 | 16.21076 | .7057018 | 607.7807 | 2.716622 | .4348455 | .4784980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0983698 | .0161921 | .7797131 | -.002541 | .0334965 | 76.33270 | 1.012182 |
| #2 | .0966584 | .0120047 | .7762419 | .003376  | .0318283 | 76.35676 | 1.003267 |
| #3 | .0987187 | .0161094 | .7870380 | -.002518 | .0321616 | 76.92081 | 1.010931 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072120 | .0059177 | 48.86993 | .1224622 | .1002454 | .2066751 | 172.6851 |
| Stddev | .0000177 | .0000346 | .30564   | .0005899 | .0001252 | .0031347 | .8969    |
| %RSD   | .2452302 | .5851787 | .6254104 | .4817054 | .1249092 | 1.516725 | .5194060 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071990 | .0058796 | 48.80224 | .1231310 | .1001576 | .2048518 | 172.8641 |
| #2 | .0072050 | .0059265 | 48.60381 | .1220158 | .1001899 | .2102947 | 171.7121 |
| #3 | .0072321 | .0059472 | 49.20374 | .1222398 | .1003888 | .2048789 | 173.4790 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.416233 | 24.90397 | .1762141 | .0023361 | 2.009607 | .1779900 | .8186587 |
| Stddev | .024550  | .11091   | .0004348 | .0019281 | .428443  | .0046553 | .0166513 |
| %RSD   | .2916996 | .4453580 | .2467259 | 82.53399 | 21.31973 | 2.615508 | 2.033978 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.414164 | 24.94161 | .1763031 | .0024370 | 2.182489 | .1789222 | .8136219 |
| #2 | 8.392783 | 24.99117 | .1765975 | .0003596 | 2.324598 | .1729391 | .8051072 |
| #3 | 8.441752 | 24.77914 | .1757418 | .0042118 | 1.521735 | .1821087 | .8372469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.135761 | 7.903687 | .0405103 | .0064916 | 3.659849 | 9.570729 | .0426743 |
| Stddev | .204527  | .024755  | .0036267 | .0005798 | .007077  | .022570  | .0003579 |
| %RSD   | 2.866220 | .3132071 | 8.952564 | 8.931045 | .1933705 | .2358182 | .8387469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.321135 | 7.898463 | .0437684 | .0068569 | 3.662011 | 9.557664 | .0426798 |
| #2 | 6.916352 | 7.881960 | .0366027 | .0058231 | 3.651943 | 9.596790 | .0423136 |
| #3 | 7.169795 | 7.930636 | .0411599 | .0067948 | 3.665592 | 9.557733 | .0430294 |

Sample Name: P5038-20      Acquired: 12/16/2024 23:07:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5993406 | -.034047 | .0673205 |
| Stddev | .0052141 | .000428  | .0023404 |
| %RSD   | .8699730 | 1.255791 | 3.476546 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6012529 | -.034043 | .0699828 |
| #2 | .5934403 | -.033621 | .0663912 |
| #3 | .6033285 | -.034476 | .0655873 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2355.488 | 28791.00 | 2831.496 | 1997.488 | 2648.474 |
| Stddev    | 8.874    | 112.14   | 3.926    | 10.254   | 11.565   |
| %RSD      | .3767497 | .3895060 | .1386409 | .5133234 | .4366794 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2358.436 | 28671.29 | 2827.025 | 1994.682 | 2648.465 |
| #2 | 2362.514 | 28893.61 | 2834.379 | 2008.852 | 2660.043 |
| #3 | 2345.516 | 28808.09 | 2833.083 | 1988.929 | 2636.913 |

Sample Name: P5038-21      Acquired: 12/16/2024 23:10:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1436601 | .0323710 | 1.391415 | -.002578 | .0308464 | 63.22984 | 1.220826 |
| Stddev | .0082737 | .0018688 | .002138  | .005076  | .0023061 | 2.37974  | .044962  |
| %RSD   | 5.759228 | 5.773103 | .1536691 | 196.9173 | 7.476113 | 3.763635 | 3.682955 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1517427 | .0319522 | 1.389454 | .002896  | .0326098 | 65.97545 | 1.272682 |
| #2 | .1440298 | .0307471 | 1.393695 | -.007130 | .0282367 | 61.76021 | 1.192693 |
| #3 | .1352077 | .0344137 | 1.391096 | -.003500 | .0316928 | 61.95386 | 1.197103 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067787 | .0086219 | 81.82378 | .1089968 | .1142553 | .3581672 | 155.4319 |
| Stddev | .0002658 | .0001208 | 2.95020  | .0016776 | .0000982 | .0185576 | 5.3793   |
| %RSD   | 3.920776 | 1.401152 | 3.605554 | 1.539140 | .0859082 | 5.181266 | 3.460879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070521 | .0084903 | 85.21937 | .1073925 | .1143388 | .3793890 | 161.6306 |
| #2 | .0065212 | .0086478 | 79.88902 | .1107391 | .1142800 | .3501281 | 151.9870 |
| #3 | .0067629 | .0087277 | 80.36294 | .1088587 | .1141472 | .3449847 | 152.6782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.56854 | 27.57639 | .1960815 | .0045633 | 1.624102 | .1595083 | 1.123606 |
| Stddev | .46275   | 1.03349  | .0005257 | .0020508 | .262887  | .0021921 | .017023  |
| %RSD   | 3.681781 | 3.747750 | .2681271 | 44.94054 | 16.18662 | 1.374266 | 1.515067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.10234 | 28.76758 | .1960598 | .0069165 | 1.655062 | .1578173 | 1.124918 |
| #2 | 12.28093 | 26.91823 | .1955670 | .0031574 | 1.870137 | .1619849 | 1.139935 |
| #3 | 12.32236 | 27.04337 | .1966178 | .0036161 | 1.347105 | .1587228 | 1.105964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.562680 | 8.248733 | .0454076 | .0060949 | 3.555941 | 7.653815 | .0772516 |
| Stddev | .372648  | .005840  | .0022029 | .0008186 | .007327  | .292128  | .0014145 |
| %RSD   | 6.699079 | .0707966 | 4.851446 | 13.43101 | .2060437 | 3.816757 | 1.831043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.986981 | 8.247271 | .0472899 | .0069765 | 3.549491 | 7.978550 | .0787001 |
| #2 | 5.288537 | 8.243764 | .0459482 | .0053587 | 3.554425 | 7.412396 | .0758738 |
| #3 | 5.412522 | 8.255165 | .0429847 | .0059496 | 3.563907 | 7.570501 | .0771807 |

Sample Name: P5038-21      Acquired: 12/16/2024 23:10:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKB3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6106471 | .0201399 | .0514846 |
| Stddev | .0248236 | .0004971 | .0030514 |
| %RSD   | 4.065130 | 2.468339 | 5.926823 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6391973 | .0207092 | .0531760 |
| #2 | .5985803 | .0199184 | .0479621 |
| #3 | .5941637 | .0197920 | .0533157 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2516.594 | 30753.42 | 3012.029 | 2145.684 | 2714.702 |
| Stddev    | 8.295    | 6.73     | 109.205  | 1.533    | 6.073    |
| %RSD      | .3296013 | .0218680 | 3.625621 | .0714591 | .2237025 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2517.867 | 30750.86 | 2892.143 | 2146.577 | 2715.952 |
| #2 | 2524.179 | 30748.34 | 3105.829 | 2143.914 | 2720.053 |
| #3 | 2507.736 | 30761.04 | 3038.114 | 2146.562 | 2708.102 |

Sample Name: P5030-01      Acquired: 12/16/2024 23:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1208000 | .0108695 | 1.729831 | -.003868 | .0702667 | 95.02204 |
| Stddev | .0044650 | .0041878 | .007972  | .003516  | .0025180 | .25003   |
| %RSD   | 3.696193 | 38.52830 | .4608712 | 90.91451 | 3.583414 | .2631319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1258383 | .0064454 | 1.730673 | -.007769 | .0675580 | 95.14669 |
| #2 | .1192282 | .0147723 | 1.721471 | -.000943 | .0725360 | 94.73419 |
| #3 | .1173334 | .0113907 | 1.737349 | -.002892 | .0707062 | 95.18525 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.067718 | .0114765 | .0075272 | 109.4294 | .1285424 | .1308228 |
| Stddev | .003674  | .0002632 | .0000797 | .3194    | .0007887 | .0013317 |
| %RSD   | .3441236 | 2.293438 | 1.058447 | .2918384 | .6135699 | 1.017964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.071957 | .0116629 | .0074475 | 109.7972 | .1285342 | .1307422 |
| #2 | 1.065457 | .0111754 | .0075271 | 109.2225 | .1293352 | .1295333 |
| #3 | 1.065739 | .0115913 | .0076068 | 109.2684 | .1277578 | .1321931 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1811849 | 378.2007 | 9.679159 | 50.88636 | .2134710 | .0024212 |
| Stddev | .0080013 | .8314    | .045292  | .15612   | .0017645 | .0003736 |
| %RSD   | 4.416088 | .2198399 | .4679345 | .3067952 | .8265839 | 15.42989 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1771988 | 379.0768 | 9.726306 | 51.04163 | .2133794 | .0026493 |
| #2 | .1903962 | 377.4226 | 9.635983 | 50.72941 | .2117541 | .0019901 |
| #3 | .1759596 | 378.1027 | 9.675189 | 50.88804 | .2152795 | .0026243 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.001345 | .2525468 | .8003814 | 10.59291 | F 10.81605 | .0699614 |
| Stddev | .536169  | .0041421 | .0078923 | .14119   | .06374     | .0041653 |
| %RSD   | 26.79043 | 1.640134 | .9860637 | 1.332906 | .5893103   | 5.953683 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.061055 | .2555470 | .7926403 | 10.59933 | 10.80293 | .0653663 |
| #2 | 1.437820 | .2542727 | .8084166 | 10.73078 | 10.75990 | .0710288 |
| #3 | 2.505159 | .2478209 | .8000873 | 10.44861 | 10.88534 | .0734891 |

Sample Name: P5030-01      Acquired: 12/16/2024 23:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060681 | 4.879494 | 10.49383 | .0645098 | .9714067 | -.158801 |
| Stddev | .0003139 | .025005  | .08931   | .0012603 | .0045096 | .000755  |
| %RSD   | 5.172427 | .5124410 | .8511094 | 1.953579 | .4642376 | .4755343 |
| #1     | .0057146 | 4.868352 | 10.59604 | .0638244 | .9733007 | -.159420 |
| #2     | .0063139 | 4.861997 | 10.43082 | .0659642 | .9662589 | -.157959 |
| #3     | .0061759 | 4.908132 | 10.45463 | .0637408 | .9746605 | -.159023 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0925321 |
| Stddev | .0042960 |
| %RSD   | 4.642713 |
| #1     | .0876442 |
| #2     | .0957087 |
| #3     | .0942435 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2302.850 | 28083.64 | 2823.754 | 1957.366 | 2570.032 |
| Stddev    | 9.239    | 18.81    | 18.489   | 6.130    | 14.098   |
| %RSD      | .4011897 | .0669668 | .6547504 | .3131610 | .5485489 |
| #1        | 2300.693 | 28098.55 | 2802.545 | 1950.568 | 2568.520 |
| #2        | 2312.976 | 28089.86 | 2836.470 | 1959.056 | 2584.824 |
| #3        | 2294.881 | 28062.51 | 2832.248 | 1962.473 | 2556.751 |

Sample Name: P5030-02      Acquired: 12/16/2024 23:18:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK42      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1406614 | .0286641 | 3.131099 | -.006040 | .0354054 | 90.94093 | 1.194063 |
| Stddev | .0016922 | .0037026 | .017359  | .005359  | .0021919 | .20245   | .000959  |
| %RSD   | 1.203032 | 12.91720 | .5544069 | 88.73000 | 6.190853 | .2226212 | .0803326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1424411 | .0327860 | 3.120372 | .000128  | .0367555 | 91.16532 | 1.195095 |
| #2 | .1390730 | .0275865 | 3.121799 | -.008689 | .0328763 | 90.88550 | 1.193895 |
| #3 | .1404702 | .0256198 | 3.151127 | -.009559 | .0365843 | 90.77196 | 1.193199 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081627 | .0083300 | 116.8456 | .1534598 | .1380702 | .3118204 | 194.3826 |
| Stddev | .0000290 | .0002167 | .2861    | .0005799 | .0008214 | .0059493 | .2504    |
| %RSD   | .3555547 | 2.601792 | .2448848 | .3778830 | .5948854 | 1.907930 | .1288147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081878 | .0081582 | 117.0808 | .1541050 | .1380092 | .3096271 | 194.5916 |
| #2 | .0081695 | .0082583 | 116.9290 | .1532921 | .1372810 | .3072791 | 194.4512 |
| #3 | .0081309 | .0085735 | 116.5270 | .1529822 | .1389203 | .3185550 | 194.1051 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.72925 | 51.63292 | .2569806 | .0035179 | 1.942914 | .2109007 | 1.166962 |
| Stddev | .01524   | .14110   | .0013048 | .0002550 | .240335  | .0051454 | .008650  |
| %RSD   | .1298991 | .2732725 | .5077589 | 7.249965 | 12.36984 | 2.439726 | .7412142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.74684 | 51.66405 | .2577060 | .0034057 | 1.692367 | .2152865 | 1.176924 |
| #2 | 11.72036 | 51.75585 | .2554743 | .0033381 | 1.964840 | .2052367 | 1.161359 |
| #3 | 11.72055 | 51.47885 | .2577617 | .0038098 | 2.171535 | .2121789 | 1.162603 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.45716 | 9.749147 | .0688533 | .0086886 | 5.098079 | 10.09900 | .0757613 |
| Stddev | .09760   | .052771  | .0021398 | .0000450 | .030522  | .02197   | .0013528 |
| %RSD   | .9333509 | .5412835 | 3.107706 | .5178417 | .5986869 | .2175834 | 1.785609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.54632 | 9.718422 | .0694486 | .0086893 | 5.079031 | 10.08645 | .0759011 |
| #2 | 10.47228 | 9.718939 | .0706323 | .0086432 | 5.081923 | 10.12437 | .0743440 |
| #3 | 10.35288 | 9.810081 | .0664789 | .0087332 | 5.133283 | 10.08618 | .0770387 |

Sample Name: P5030-02      Acquired: 12/16/2024 23:18:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK42      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9957869 | .0371696 | .0938495 |
| Stddev | .0016683 | .0007159 | .0032767 |
| %RSD   | .1675306 | 1.925984 | 3.491461 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9971830 | .0364278 | .0966497 |
| #2 | .9962384 | .0372245 | .0946531 |
| #3 | .9939394 | .0378564 | .0902457 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2359.322 | 28890.65 | 2864.441 | 2005.717 | 2509.821 |
| Stddev    | 6.357    | 113.49   | 12.421   | 11.123   | 7.781    |
| %RSD      | .2694378 | .3928206 | .4336425 | .5545537 | .3100240 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2364.694 | 28760.14 | 2853.581 | 1992.874 | 2512.989 |
| #2 | 2360.968 | 28945.69 | 2861.757 | 2011.993 | 2515.518 |
| #3 | 2352.304 | 28966.12 | 2877.985 | 2012.283 | 2500.956 |



Sample Name: P5030-03      Acquired: 12/16/2024 23:22:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK43      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1918486 | .0311503 | 4.724506 | -.001143 | .0359233 | 81.36083 |
| Stddev | .0060861 | .0013973 | .051726  | .005102  | .0018919 | .07481   |
| %RSD   | 3.172348 | 4.485569 | 1.094849 | 446.3184 | 5.266494 | .0919517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1980305 | .0314940 | 4.684114 | .004714  | .0352226 | 81.33601 |
| #2 | .1858630 | .0296133 | 4.706598 | -.004619 | .0344817 | 81.30158 |
| #3 | .1916522 | .0323437 | 4.782807 | -.003525 | .0380655 | 81.44490 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.238514 | .0076612 | .0113431 | 96.30470 | .1427189 | .1466247 |
| Stddev | .003190  | .0000556 | .0002236 | .27157   | .0009721 | .0018602 |
| %RSD   | .2575596 | .7257592 | 1.971165 | .2819945 | .6811510 | 1.268649 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.241472 | .0076315 | .0112908 | 96.08208 | .1424701 | .1449411 |
| #2 | 1.238936 | .0076268 | .0111503 | 96.22476 | .1418954 | .1463112 |
| #3 | 1.235134 | .0077253 | .0115882 | 96.60728 | .1437913 | .1486216 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4619533 | 190.9968 | 14.03987 | 36.00695 | .2985560 | .0033054 |
| Stddev | .0072223 | .2772    | .03007   | .04407   | .0038003 | .0002437 |
| %RSD   | 1.563415 | .1451142 | .2141825 | .1223932 | 1.272887 | 7.373624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4577236 | 191.3164 | 14.07459 | 36.05034 | .2972952 | .0032111 |
| #2 | .4702925 | 190.8526 | 14.02236 | 35.96223 | .2955464 | .0035822 |
| #3 | .4578437 | 190.8216 | 14.02266 | 36.00827 | .3028265 | .0031229 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.840267 | .2124308 | 1.427106 | 8.696907 | F 10.28915 | .0706463 |
| Stddev | .374544  | .0030985 | .009844  | .133256  | .13495     | .0009082 |
| %RSD   | 20.35267 | 1.458608 | .6898169 | 1.532226 | 1.311564   | 1.285493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.407970 | .2154813 | 1.436412 | 8.562426 | 10.19561 | .0703218 |
| #2 | 2.045369 | .2092864 | 1.416800 | 8.828904 | 10.22800 | .0699450 |
| #3 | 2.067463 | .2125246 | 1.428105 | 8.699393 | 10.44385 | .0716722 |

Sample Name: P5030-03      Acquired: 12/16/2024 23:22:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK43      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092434 | 4.430322 | 9.323539 | .1202284 | .9653238 | .0285325 |
| Stddev | .0004819 | .058651  | .082785  | .0004320 | .0058385 | .0004371 |
| %RSD   | 5.214032 | 1.323850 | .8879103 | .3593080 | .6048206 | 1.531832 |
| #1     | .0094002 | 4.400439 | 9.228959 | .1200469 | .9710985 | .0289882 |
| #2     | .0087026 | 4.392631 | 9.358818 | .1199168 | .9594236 | .0284926 |
| #3     | .0096275 | 4.497896 | 9.382841 | .1207216 | .9654492 | .0281168 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0761816 |
| Stddev | .0020575 |
| %RSD   | 2.700768 |
| #1     | .0785334 |
| #2     | .0747139 |
| #3     | .0752976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2422.787 | 29666.62 | 2980.805 | 2061.400 | 2522.527 |
| Stddev    | 23.101   | 68.17    | 9.099    | 6.310    | 29.057   |
| %RSD      | .9535006 | .2297795 | .3052586 | .3060873 | 1.151889 |
| #1        | 2443.228 | 29588.59 | 2990.031 | 2059.192 | 2546.053 |
| #2        | 2427.409 | 29696.65 | 2980.545 | 2056.491 | 2531.482 |
| #3        | 2397.724 | 29714.61 | 2971.838 | 2068.517 | 2490.047 |

Sample Name: P5030-04      Acquired: 12/16/2024 23:26:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2346344 | .0350821 | 4.825283 | .0022094 | .0430902 | 85.32728 |
| Stddev | .0015198 | .0005214 | .018610  | .0014027 | .0028794 | .10178   |
| %RSD   | .6477289 | 1.486197 | .3856769 | 63.48730 | 6.682352 | .1192830 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2329109 | .0353727 | 4.819222 | .0013213 | .0424933 | 85.40244 |
| #2 | .2352102 | .0344802 | 4.810459 | .0038264 | .0405560 | 85.36795 |
| #3 | .2357823 | .0353934 | 4.846168 | .0014804 | .0462213 | 85.21145 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.298066 | .0085361 | .0124447 | 90.57447 | .1675018 | .1677469 |
| Stddev | .002344  | .0002139 | .0000749 | .15567   | .0015857 | .0000831 |
| %RSD   | .1805907 | 2.506291 | .6019263 | .1718691 | .9466655 | .0495169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.300511 | .0084495 | .0125077 | 90.54386 | .1667828 | .1678134 |
| #2 | 1.295838 | .0083791 | .0123618 | 90.43638 | .1664029 | .1676538 |
| #3 | 1.297848 | .0087798 | .0124645 | 90.74317 | .1693196 | .1677735 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5002624 | 233.9103 | 16.54396 | 32.52851 | .3015423 | .0050291 |
| Stddev | .0055211 | .2463    | .01021   | .03625   | .0018472 | .0003263 |
| %RSD   | 1.103634 | .1052765 | .0617379 | .1114557 | .6125898 | 6.488195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4947065 | 234.0049 | 16.55573 | 32.48839 | .3017454 | .0046590 |
| #2 | .5003328 | 233.6307 | 16.53750 | 32.53821 | .2996019 | .0052754 |
| #3 | .5057479 | 234.0951 | 16.53864 | 32.55893 | .3032795 | .0051528 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.878141 | .2120824 | 1.306278 | 7.110589 | F 11.30983 | .0633867 |
| Stddev | .369958  | .0066806 | .014827  | .140774  | .06579     | .0030788 |
| %RSD   | 19.69811 | 3.149983 | 1.135054 | 1.979784 | .5816792   | 4.857155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.055760 | .2090939 | 1.301574 | 7.192358 | 11.25435 | .0606932 |
| #2 | 1.452868 | .2074177 | 1.294374 | 7.191372 | 11.29264 | .0627240 |
| #3 | 2.125796 | .2197355 | 1.322887 | 6.948038 | 11.38251 | .0667428 |

Sample Name: P5030-04      Acquired: 12/16/2024 23:26:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078939 | 3.588640 | 9.143470 | .0910204 | .7693383 | -.028742 |
| Stddev | .0005991 | .020791  | .059585  | .0029278 | .0013835 | .000334  |
| %RSD   | 7.588824 | .5793520 | .6516659 | 3.216632 | .1798312 | 1.162205 |
| #1     | .0075542 | 3.586979 | 9.175528 | .0876834 | .7703702 | -.028369 |
| #2     | .0085856 | 3.568729 | 9.180163 | .0931584 | .7698785 | -.028843 |
| #3     | .0075419 | 3.610211 | 9.074720 | .0922193 | .7677662 | -.029013 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0723354 |
| Stddev | .0037722 |
| %RSD   | 5.214802 |
| #1     | .0680738 |
| #2     | .0752460 |
| #3     | .0736865 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2526.357 | 30909.88 | 3068.616 | 2150.812 | 2572.425 |
| Stddev    | 2.220    | 71.93    | 16.555   | 12.469   | 4.350    |
| %RSD      | .0878915 | .2327220 | .5394972 | .5797399 | .1690831 |
| #1        | 2528.747 | 30859.24 | 3053.960 | 2136.698 | 2576.922 |
| #2        | 2524.358 | 30992.22 | 3065.316 | 2155.403 | 2572.114 |
| #3        | 2525.967 | 30878.17 | 3086.573 | 2160.334 | 2568.240 |

Sample Name: P5030-05      Acquired: 12/16/2024 23:29:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2364220 | .0358794 | 4.840179 | -.000691 | .0434236 | 85.52264 |
| Stddev | .0026816 | .0018868 | .023139  | .001769  | .0004813 | .17743   |
| %RSD   | 1.134230 | 5.258605 | .4780643 | 256.0049 | 1.108390 | .2074635 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2359656 | .0380580 | 4.826265 | -.002610 | .0430128 | 85.51783 |
| #2 | .2393025 | .0348060 | 4.827381 | -.000335 | .0439532 | 85.70243 |
| #3 | .2339979 | .0347743 | 4.866890 | .000873  | .0433047 | 85.34767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.306700 | .0083953 | .0123958 | 91.22050 | .1668107 | .1680370 |
| Stddev | .005558  | .0000793 | .0001316 | .18404   | .0021483 | .0007144 |
| %RSD   | .4253215 | .9445196 | 1.061817 | .2017564 | 1.287877 | .4251612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.300864 | .0083316 | .0123443 | 91.23574 | .1646415 | .1680635 |
| #2 | 1.311930 | .0084841 | .0122978 | 91.39645 | .1668532 | .1673098 |
| #3 | 1.307305 | .0083703 | .0125454 | 91.02931 | .1689375 | .1687379 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5009895 | 234.6224 | 16.60449 | 32.60411 | .3002887 | .0047277 |
| Stddev | .0043154 | .5694    | .05490   | .13834   | .0016289 | .0007211 |
| %RSD   | .8613682 | .2426711 | .3306213 | .4243108 | .5424371 | 15.25232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5043626 | 234.0549 | 16.54772 | 32.47231 | .2991120 | .0053537 |
| #2 | .5024793 | 235.1936 | 16.65730 | 32.59184 | .2996064 | .0039393 |
| #3 | .4961266 | 234.6189 | 16.60844 | 32.74818 | .3021478 | .0048902 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.725685 | .2113963 | 1.297293 | 7.150744 | F 11.34447 | .0611544 |
| Stddev | .606496  | .0042708 | .013890  | .101610  | .04477     | .0021456 |
| %RSD   | 35.14522 | 2.020295 | 1.070708 | 1.420968 | .3946466   | 3.508470 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.274658 | .2065114 | 1.281265 | 7.036897 | 11.31267 | .0588537 |
| #2 | 1.827775 | .2132531 | 1.304793 | 7.232239 | 11.32506 | .0615086 |
| #3 | 1.074624 | .2144245 | 1.305822 | 7.183095 | 11.39567 | .0631008 |

Sample Name: P5030-05      Acquired: 12/16/2024 23:29:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079601 | 3.585618 | 9.262667 | .0914592 | .7793810 | -.028551 |
| Stddev | .0001208 | .023335  | .071284  | .0012360 | .0033763 | .000571  |
| %RSD   | 1.517593 | .6508079 | .7695887 | 1.351402 | .4332013 | 2.000445 |
| #1     | .0080782 | 3.571245 | 9.205096 | .0908020 | .7807264 | -.029206 |
| #2     | .0078367 | 3.573066 | 9.342400 | .0928849 | .7755394 | -.028290 |
| #3     | .0079655 | 3.612543 | 9.240504 | .0906905 | .7818772 | -.028157 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0723985 |
| Stddev | .0029300 |
| %RSD   | 4.047104 |
| #1     | .0696576 |
| #2     | .0754867 |
| #3     | .0720511 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2530.692 | 31082.06 | 3074.715 | 2161.634 | 2574.293 |
| Stddev    | 8.396    | 139.76   | 19.458   | 11.422   | 10.311   |
| %RSD      | .3317517 | .4496618 | .6328244 | .5283865 | .4005385 |
| #1        | 2536.007 | 31215.45 | 3073.753 | 2168.691 | 2579.614 |
| #2        | 2535.057 | 30936.69 | 3055.756 | 2148.456 | 2580.857 |
| #3        | 2521.014 | 31094.02 | 3094.636 | 2167.754 | 2562.408 |

Sample Name: P5030-04LX5      Acquired: 12/16/2024 23:33:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0479160 | .0103056 | .9340341 | -.002710 | .0084968 | 19.33877 | .2945031 |
| Stddev | .0028592 | .0033574 | .0051615 | .003798  | .0013977 | .07246   | .0004595 |
| %RSD   | 5.967082 | 32.57856 | .5526034 | 140.1542 | 16.45013 | .3747112 | .1560132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0449989 | .0096518 | .9310944 | -.000713 | .0079536 | 19.41330 | .2941428 |
| #2 | .0480356 | .0139419 | .9310140 | -.007090 | .0100845 | 19.26856 | .2943460 |
| #3 | .0507136 | .0073232 | .9399939 | -.000327 | .0074522 | 19.33445 | .2950205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019636 | .0022307 | 20.85669 | .0391539 | .0386422 | .1175915 | 53.71544 |
| Stddev | .0001818 | .0000194 | .03866   | .0009931 | .0003066 | .0035728 | .18605   |
| %RSD   | 9.260304 | .8718391 | .1853399 | 2.536317 | .7933431 | 3.038271 | .3463588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021299 | .0022263 | 20.88035 | .0402943 | .0386257 | .1153362 | 53.90642 |
| #2 | .0017694 | .0022519 | 20.87765 | .0386874 | .0389566 | .1217107 | 53.53475 |
| #3 | .0019915 | .0022137 | 20.81209 | .0384799 | .0383442 | .1157275 | 53.70516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.834656 | 7.458480 | .0564345 | -.000336 | 1.226051 | .0507058 | .2938275 |
| Stddev | .012167  | .049024  | .0002862 | .000173  | .258905  | .0013361 | .0064772 |
| %RSD   | .3172998 | .6572966 | .5071170 | 51.51986 | 21.11697 | 2.635001 | 2.204409 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.844439 | 7.427809 | .0561069 | -.000247 | 1.295795 | .0499761 | .2910856 |
| #2 | 3.821032 | 7.432609 | .0565607 | -.000226 | .939419  | .0522479 | .2891722 |
| #3 | 3.838499 | 7.515020 | .0566359 | -.000536 | 1.442941 | .0498934 | .3012246 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.694710 | 2.176816 | .0064053 | .0013460 | .6866678 | 2.142112 | .0180560 |
| Stddev | .143032  | .010721  | .0009256 | .0007942 | .0043669 | .011316  | .0005746 |
| %RSD   | 8.439888 | .4924894 | 14.45066 | 59.00298 | .6359476 | .5282797 | 3.182319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.859433 | 2.165131 | .0074257 | .0004377 | .6817910 | 2.155108 | .0182584 |
| #2 | 1.622735 | 2.179121 | .0061705 | .0019096 | .6902162 | 2.136798 | .0185020 |
| #3 | 1.601963 | 2.186197 | .0056197 | .0016907 | .6879962 | 2.134431 | .0174076 |

Sample Name: P5030-04LX5      Acquired: 12/16/2024 23:33:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1712185 | -.006883 | .0013551 |
| Stddev | .0014766 | .000434  | .0020970 |
| %RSD   | .8624257 | 6.305357 | 154.7512 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1726192 | -.007333 | -.001014 |
| #2 | .1713601 | -.006466 | .002107  |
| #3 | .1696762 | -.006850 | .002972  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2226.287 | 27209.90 | 2667.708 | 1888.195 | 2738.109 |
| Stddev    | 6.084    | 55.59    | 14.690   | 6.680    | 2.996    |
| %RSD      | .2732694 | .2042829 | .5506584 | .3538004 | .1094025 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2222.227 | 27237.73 | 2653.787 | 1892.111 | 2735.068 |
| #2 | 2223.352 | 27246.07 | 2683.062 | 1891.992 | 2738.204 |
| #3 | 2233.282 | 27145.89 | 2666.276 | 1880.481 | 2741.056 |



Sample Name: P5030-06      Acquired: 12/16/2024 23:37:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3218916 | .1254504 | 4.796126 | .1372019 | .1837821 | 87.09694 |
| Stddev | .0061998 | .0007292 | .011489  | .0018162 | .0032881 | .06789   |
| %RSD   | 1.926068 | .5812874 | .2395398 | 1.323732 | 1.789128 | .0779529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3287980 | .1255691 | 4.796044 | .1387725 | .1799857 | 87.15412 |
| #2 | .3200706 | .1246692 | 4.807656 | .1376202 | .1857271 | 87.02190 |
| #3 | .3168061 | .1261131 | 4.784679 | .1352131 | .1856334 | 87.11479 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.599723 | .0912786 | .1094982 | 89.73720 | .5136527 | 1.173051 |
| Stddev | .004639  | .0004487 | .0002473 | .21448   | .0003790 | .002066  |
| %RSD   | .1008433 | .4915463 | .2258738 | .2390105 | .0737785 | .1761539 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.596500 | .0910069 | .1094915 | 89.97933 | .5138175 | 1.172699 |
| #2 | 4.597631 | .0917965 | .1097488 | 89.57106 | .5139214 | 1.175270 |
| #3 | 4.605040 | .0910324 | .1092543 | 89.66121 | .5132193 | 1.171183 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8871500 | 232.8662 | 17.15184 | 32.02305 | 1.307020 | .0690753 |
| Stddev | .0060178 | .1834    | .02282   | .10283   | .001966  | .0004311 |
| %RSD   | .6783277 | .0787374 | .1330403 | .3211126 | .1503834 | .6241061 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8855300 | 232.7769 | 17.14253 | 31.90459 | 1.307342 | .0688759 |
| #2 | .8821081 | 232.7446 | 17.13515 | 32.07532 | 1.308805 | .0687800 |
| #3 | .8938120 | 233.0771 | 17.17784 | 32.08924 | 1.304913 | .0695700 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.969262 | 1.026149 | 2.017998 | 6.997023 | F 11.16431 | .0614156 |
| Stddev | .463631  | .010008  | .019807  | .151318  | .02249     | .0018378 |
| %RSD   | 23.54339 | .9753232 | .9815313 | 2.162603 | .2014497   | 2.992321 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.041554 | 1.033928 | 2.040828 | 7.163039 | 11.17265 | .0632471 |
| #2 | 2.392501 | 1.014858 | 2.005390 | 6.961198 | 11.18145 | .0595717 |
| #3 | 1.473732 | 1.029661 | 2.007776 | 6.866833 | 11.13885 | .0614280 |

Sample Name: P5030-06      Acquired: 12/16/2024 23:37:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK44S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075231 | 3.545248 | 8.991518 | .0907704 | .7511735 | -.029937 |
| Stddev | .0001830 | .009945  | .040655  | .0019675 | .0083440 | .000134  |
| %RSD   | 2.432117 | .2805147 | .4521445 | 2.167593 | 1.110792 | .4476955 |
| #1     | .0076301 | 3.545531 | 8.951792 | .0889341 | .7459490 | -.029994 |
| #2     | .0076274 | 3.555049 | 9.033042 | .0905302 | .7467750 | -.030033 |
| #3     | .0073119 | 3.535165 | 8.989719 | .0928471 | .7607964 | -.029783 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0728079 |
| Stddev | .0044717 |
| %RSD   | 6.141769 |
| #1     | .0680777 |
| #2     | .0733800 |
| #3     | .0769660 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2554.810 | 31173.39 | 3101.338 | 2165.904 | 2613.216 |
| Stddev    | 3.401    | 73.17    | 5.282    | 11.001   | 4.150    |
| %RSD      | .1331310 | .2347165 | .1703006 | .5079065 | .1588016 |
| #1        | 2552.105 | 31109.62 | 3106.893 | 2158.039 | 2609.264 |
| #2        | 2553.697 | 31253.27 | 3096.381 | 2178.475 | 2612.846 |
| #3        | 2558.628 | 31157.27 | 3100.739 | 2161.199 | 2617.539 |

Sample Name: P5030-07      Acquired: 12/16/2024 23:41:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK45      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2066152 | .0371524 | 3.289889 | .0025757 | .0381989 | 86.44076 | 1.136680 |
| Stddev | .0072002 | .0028736 | .004124  | .0046666 | .0003942 | .17912   | .002059  |
| %RSD   | 3.484837 | 7.734753 | .1253395 | 181.1821 | 1.032038 | .2072126 | .1811068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2148708 | .0404661 | 3.292361 | -.002726 | .0384601 | 86.23478 | 1.134976 |
| #2 | .2033394 | .0353476 | 3.285129 | .004394  | .0383912 | 86.55991 | 1.138968 |
| #3 | .2016353 | .0356433 | 3.292177 | .006059  | .0377454 | 86.52761 | 1.136097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082324 | .0109471 | 98.25653 | .1365889 | .1595235 | .3490876 | 203.0434 |
| Stddev | .0000634 | .0000909 | .17992   | .0007539 | .0008489 | .0061578 | .5300    |
| %RSD   | .7697842 | .8303422 | .1831136 | .5519148 | .5321323 | 1.763975 | .2610278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081598 | .0108426 | 98.14970 | .1357184 | .1604664 | .3463493 | 202.5388 |
| #2 | .0082614 | .0110080 | 98.46425 | .1370294 | .1588200 | .3447737 | 203.5956 |
| #3 | .0082762 | .0109906 | 98.15563 | .1370187 | .1592842 | .3561396 | 202.9957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.68941 | 31.85732 | .2522914 | .0039114 | 2.141285 | .2081328 | 1.026405 |
| Stddev | .02976   | .06326   | .0011534 | .0004744 | .325203  | .0014410 | .009084  |
| %RSD   | .1896755 | .1985821 | .4571837 | 12.12776 | 15.18728 | .6923324 | .8850158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.67460 | 31.80211 | .2527164 | .0033830 | 2.391638 | .2076635 | 1.036266 |
| #2 | 15.72366 | 31.84350 | .2509857 | .0040509 | 1.773725 | .2097499 | 1.018378 |
| #3 | 15.66995 | 31.92635 | .2531719 | .0043005 | 2.258491 | .2069850 | 1.024571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.195809 | 8.319393 | .0617158 | .0069200 | 3.642841 | 9.020568 | .0761240 |
| Stddev | .067825  | .033949  | .0016561 | .0006026 | .020472  | .030651  | .0021188 |
| %RSD   | .9425634 | .4080728 | 2.683361 | 8.708408 | .5619744 | .3397929 | 2.783290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.273927 | 8.357957 | .0632962 | .0070845 | 3.662019 | 9.047662 | .0785409 |
| #2 | 7.151915 | 8.294014 | .0599933 | .0074232 | 3.621283 | 8.987300 | .0752445 |
| #3 | 7.161584 | 8.306207 | .0618578 | .0062522 | 3.645220 | 9.026742 | .0745867 |

Sample Name: P5030-07      Acquired: 12/16/2024 23:41:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK45      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8254615 | .0143664 | .0717433 |
| Stddev | .0034461 | .0004668 | .0045487 |
| %RSD   | .4174756 | 3.249483 | 6.340316 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8222174 | .0143871 | .0689282 |
| #2 | .8290791 | .0148226 | .0769911 |
| #3 | .8250879 | .0138896 | .0693106 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2584.326 | 31703.12 | 3145.806 | 2199.148 | 2527.939 |
| Stddev    | 17.692   | 117.95   | 3.744    | 2.577    | 4.030    |
| %RSD      | .6846005 | .3720319 | .1190203 | .1171873 | .1594179 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2603.133 | 31747.96 | 3144.313 | 2200.270 | 2530.885 |
| #2 | 2581.832 | 31569.33 | 3143.039 | 2196.200 | 2529.585 |
| #3 | 2568.013 | 31792.07 | 3150.067 | 2200.974 | 2523.346 |

Sample Name: P5030-08      Acquired: 12/16/2024 23:45:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1894674 | .0279651 | 2.074166 | -.012169 | .0326825 | 78.30134 | 1.065839 |
| Stddev | .0008696 | .0044456 | .011107  | .002198  | .0019445 | .20778   | .003771  |
| %RSD   | .4589528 | 15.89688 | .5354868 | 18.06053 | 5.949711 | .2653555 | .3537586 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1897847 | .0257903 | 2.074280 | -.009698 | .0347961 | 78.51571 | 1.068832 |
| #2 | .1884838 | .0250257 | 2.063003 | -.013906 | .0309694 | 78.10085 | 1.061604 |
| #3 | .1901338 | .0330794 | 2.085216 | -.012904 | .0322822 | 78.28745 | 1.067080 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086094 | .0080454 | 142.0391 | .1181239 | .1391477 | .3200742 | 195.0645 |
| Stddev | .0000911 | .0000382 | .3358    | .0001117 | .0013116 | .0028349 | .5582    |
| %RSD   | 1.058243 | .4752031 | .2364207 | .0945831 | .9426058 | .8857043 | .2861600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0085821 | .0080018 | 142.1956 | .1181461 | .1391995 | .3233386 | 195.1500 |
| #2 | .0085351 | .0080610 | 141.6536 | .1180027 | .1378110 | .3186528 | 194.4685 |
| #3 | .0087110 | .0080733 | 142.2681 | .1182228 | .1404327 | .3182311 | 195.5750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.87541 | 34.32762 | .2041933 | .0039859 | 2.647878 | .1870665 | .8832501 |
| Stddev | .04282   | .21565   | .0008808 | .0003340 | .131977  | .0091812 | .0167990 |
| %RSD   | .3605614 | .6282041 | .4313408 | 8.379273 | 4.984245 | 4.907962 | 1.901954 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.88614 | 34.33422 | .2048314 | .0043711 | 2.605042 | .1972633 | .8665311 |
| #2 | 11.82824 | 34.10875 | .2031884 | .0038096 | 2.795952 | .1794557 | .8830912 |
| #3 | 11.91184 | 34.53990 | .2045602 | .0037771 | 2.542641 | .1844803 | .9001280 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.000273 | 7.684851 | .0743740 | .0066392 | 4.424829 | 8.558390 | .0685182 |
| Stddev | .232493  | .035507  | .0036844 | .0002452 | .027294  | .041701  | .0017181 |
| %RSD   | 2.906069 | .4620364 | 4.953902 | 3.692566 | .6168401 | .4872566 | 2.507485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.268583 | 7.664922 | .0701942 | .0063739 | 4.401443 | 8.603385 | .0704937 |
| #2 | 7.858333 | 7.663786 | .0771511 | .0068574 | 4.418224 | 8.550747 | .0676885 |
| #3 | 7.873902 | 7.725845 | .0757765 | .0066862 | 4.454819 | 8.521039 | .0673725 |

Sample Name: P5030-08      Acquired: 12/16/2024 23:45:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9041710 | .1121811 | .0663283 |
| Stddev | .0015371 | .0004613 | .0027522 |
| %RSD   | .1699984 | .4112289 | 4.149344 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9059095 | .1122585 | .0672294 |
| #2 | .9029920 | .1125988 | .0685169 |
| #3 | .9036117 | .1116860 | .0632385 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2401.613 | 29415.62 | 2930.823 | 2037.126 | 2507.616 |
| Stddev    | 10.213   | 53.84    | 17.443   | 3.373    | 12.695   |
| %RSD      | .4252690 | .1830267 | .5951633 | .1655549 | .5062405 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2399.140 | 29366.56 | 2910.696 | 2035.280 | 2507.600 |
| #2 | 2412.836 | 29473.22 | 2941.557 | 2041.018 | 2520.318 |
| #3 | 2392.864 | 29407.08 | 2940.215 | 2035.079 | 2494.929 |

Sample Name: P5030-09      Acquired: 12/16/2024 23:48:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1549134 | .0373023 | 1.426322 | -.014513 | .0310096 | 80.13370 | 1.047853 |
| Stddev | .0021829 | .0010438 | .012354  | .005846  | .0024534 | .23398   | .002247  |
| %RSD   | 1.409099 | 2.798281 | .8661191 | 40.28030 | 7.911684 | .2919853 | .2144709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1560730 | .0382477 | 1.421489 | -.018654 | .0337642 | 79.86370 | 1.045831 |
| #2 | .1562717 | .0361821 | 1.417116 | -.007826 | .0290593 | 80.26011 | 1.047454 |
| #3 | .1523954 | .0374769 | 1.440362 | -.017060 | .0302053 | 80.27727 | 1.050273 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077118 | .0068939 | 188.2572 | .1109904 | .1490429 | .3033262 | 186.3001 |
| Stddev | .0001091 | .0001874 | .4162    | .0005514 | .0010411 | .0041894 | .7544    |
| %RSD   | 1.415173 | 2.718879 | .2210829 | .4968187 | .6985436 | 1.381171 | .4049423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078006 | .0070509 | 187.8349 | .1109353 | .1482027 | .3060996 | 185.4439 |
| #2 | .0075900 | .0066864 | 188.2696 | .1104685 | .1487183 | .2985069 | 186.5890 |
| #3 | .0077449 | .0069443 | 188.6670 | .1115673 | .1502076 | .3053721 | 186.8673 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.35378 | 39.05247 | .1906737 | .0036717 | 1.800509 | .1859425 | .7206379 |
| Stddev | .04424   | .11988   | .0007824 | .0009611 | .389936  | .0027939 | .0102441 |
| %RSD   | .3312934 | .3069612 | .4103191 | 26.17557 | 21.65701 | 1.502556 | 1.421530 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.30403 | 38.92170 | .1897745 | .0026680 | 1.899504 | .1864001 | .7097136 |
| #2 | 13.38872 | 39.15716 | .1911988 | .0045836 | 1.370616 | .1829481 | .7300290 |
| #3 | 13.36857 | 39.07854 | .1910479 | .0037636 | 2.131406 | .1884794 | .7221712 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.341346 | 7.417631 | .0638552 | .0061513 | 2.924792 | 8.524054 | .0543422 |
| Stddev | .027368  | .034577  | .0007821 | .0004217 | .013227  | .046024  | .0023173 |
| %RSD   | .3281054 | .4661464 | 1.224743 | 6.855068 | .4522474 | .5399290 | 4.264338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.361113 | 7.391490 | .0629650 | .0063973 | 2.909701 | 8.573546 | .0552549 |
| #2 | 8.310109 | 7.404566 | .0644318 | .0063922 | 2.930296 | 8.516074 | .0517075 |
| #3 | 8.352817 | 7.456837 | .0641688 | .0056644 | 2.934379 | 8.482542 | .0560642 |

Sample Name: P5030-09      Acquired: 12/16/2024 23:48:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7618837 | .1283294 | .0714577 |
| Stddev | .0048417 | .0008348 | .0017404 |
| %RSD   | .6354888 | .6504817 | 2.435502 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7580495 | .1278000 | .0704718 |
| #2 | .7673244 | .1278965 | .0734672 |
| #3 | .7602770 | .1292917 | .0704342 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2388.230 | 29259.61 | 2916.477 | 2018.148 | 2451.282 |
| Stddev    | 13.351   | 192.46   | 13.996   | 10.062   | 14.220   |
| %RSD      | .5590335 | .6577506 | .4798844 | .4985942 | .5801097 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2391.005 | 29444.20 | 2924.738 | 2029.259 | 2453.597 |
| #2 | 2399.975 | 29060.15 | 2900.318 | 2009.650 | 2464.203 |
| #3 | 2373.709 | 29274.46 | 2924.377 | 2015.535 | 2436.047 |



Sample Name: P5030-10      Acquired: 12/16/2024 23:52:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK48      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0351393 | .0483784 | .2239383 | -.050610 | -.000116 | 25.16309 |
| Stddev | .0064904 | .0049028 | .0047279 | .000204  | .002239  | .06316   |
| %RSD   | 18.47049 | 10.13418 | 2.111262 | .4023956 | 1929.825 | .2510135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0276628 | .0493364 | .2293976 | -.050819 | .000284  | 25.14061 |
| #2 | .0393269 | .0527315 | .2211936 | -.050412 | .001896  | 25.23441 |
| #3 | .0384281 | .0430674 | .2212237 | -.050599 | -.002528 | 25.11423 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0730004 | .0033305 | .0022243 | F 1215.513 | .0532377 | .0953345 |
| Stddev | .0006888 | .0000817 | .0001381 | 3.015      | .0004160 | .0008110 |
| %RSD   | .9436138 | 2.452318 | 6.206880 | .2480441   | .7813845 | .8507225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0737185 | .0033376 | .0022325 | 1212.441 | .0534094 | .0958473 |
| #2 | .0729376 | .0032454 | .0020823 | 1215.629 | .0535403 | .0943994 |
| #3 | .0723451 | .0034083 | .0023581 | 1218.468 | .0527633 | .0957566 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0509773 | 79.28870 | 5.068466 | 658.1999 | .1015304 | .0001211 |
| Stddev | .0103100 | .26885   | .017493  | 1.0886   | .0004114 | .0004903 |
| %RSD   | 20.22467 | .3390731 | .3451319 | .1653858 | .4051521 | 404.8999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0500510 | 79.01317 | 5.048287 | 656.9670 | .1017684 | .0005032 |
| #2 | .0617191 | 79.55033 | 5.077772 | 659.0281 | .1017673 | -.000432 |
| #3 | .0411617 | 79.30258 | 5.079338 | 658.6046 | .1010554 | .000292  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.676000 | .0495294 | .4724043 | 13.78730 | 1.788174 | .1613274 |
| Stddev | .762456  | .0101672 | .0106052 | .03982   | .002378  | .0015558 |
| %RSD   | 28.49239 | 20.52761 | 2.244940 | .2888468 | .1330027 | .9643926 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.837110 | .0379703 | .4646591 | 13.80398 | 1.785560 | .1599078 |
| #2 | 2.864066 | .0570873 | .4680622 | 13.74185 | 1.790210 | .1610836 |
| #3 | 3.326825 | .0535306 | .4844914 | 13.81607 | 1.788751 | .1629907 |

Sample Name: P5030-10      Acquired: 12/16/2024 23:52:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK48      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001203 | 29.51788 | 4.607679 | .0157802 | .0527891 | .6367201 |
| Stddev | .000644  | .01956   | .011011  | .0006332 | .0025910 | .0024502 |
| %RSD   | 53.57376 | .0662786 | .2389774 | 4.012886 | 4.908150 | .3848111 |
| #1     | -.000740 | 29.52573 | 4.597638 | .0163436 | .0526417 | .6339013 |
| #2     | -.001939 | 29.49561 | 4.619454 | .0150948 | .0502750 | .6383396 |
| #3     | -.000929 | 29.53229 | 4.605945 | .0159021 | .0554506 | .6379194 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0619936 |
| Stddev | .0003198 |
| %RSD   | .5158172 |
| #1     | .0620385 |
| #2     | .0622886 |
| #3     | .0616538 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1962.153 | 24283.25 | 2521.760 | 1646.706 | 2112.615 |
| Stddev    | 1.369    | 81.11    | 3.610    | 6.494    | 3.411    |
| %RSD      | .0697950 | .3340171 | .1431465 | .3943484 | .1614799 |
| #1        | 1960.598 | 24278.29 | 2517.755 | 1642.486 | 2108.706 |
| #2        | 1962.684 | 24366.72 | 2524.764 | 1654.184 | 2114.988 |
| #3        | 1963.178 | 24204.73 | 2522.760 | 1643.449 | 2114.151 |

Sample Name: CCV044      Acquired: 12/17/2024 0:00:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.944169 | 4.555549 | 24.01620 | 4.868248 | 5.039055 | 390.9414 | 9.818755 |
| Stddev | .023611  | .022094  | .04711   | .013715  | .007752  | 1.4505   | .052152  |
| %RSD   | .4775613 | .4849837 | .1961655 | .2817204 | .1538472 | .3710332 | .5311432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.939750 | 4.532961 | 23.98829 | 4.863324 | 5.030738 | 389.2777 | 9.760404 |
| #2 | 4.923079 | 4.556575 | 23.98973 | 4.857675 | 5.040347 | 391.6056 | 9.835041 |
| #3 | 4.969677 | 4.577112 | 24.07060 | 4.883745 | 5.046080 | 391.9409 | 9.860820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4952383 | 2.435674 | 388.9641 | 15.04317 | 2.501207 | 14.53183 | 385.7989 |
| Stddev | .0026204 | .004683  | .8650    | .03951   | .002250  | .03016   | 1.7433   |
| %RSD   | .5291249 | .1922591 | .2223913 | .2626477 | .0899529 | .2075507 | .4518779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4922153 | 2.433649 | 388.0897 | 15.01335 | 2.500033 | 14.49746 | 383.8694 |
| #2 | .4968615 | 2.432345 | 388.9831 | 15.02818 | 2.499787 | 14.55389 | 386.2667 |
| #3 | .4966383 | 2.441029 | 389.8194 | 15.08798 | 2.503801 | 14.54413 | 387.2606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.60359 | 390.5549 | 2.465741 | 1.232594 | 397.2202 | 2.416265 | 14.79488 |
| Stddev | .06134   | 1.4731   | .001837  | .004389  | 2.9680   | .010565  | .06040   |
| %RSD   | .4200612 | .3771757 | .0745081 | .3560951 | .7471809 | .4372439 | .4082682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.53376 | 389.0407 | 2.463974 | 1.227774 | 393.8051 | 2.405176 | 14.76639 |
| #2 | 14.62820 | 390.6410 | 2.465608 | 1.233645 | 398.6804 | 2.426213 | 14.75399 |
| #3 | 14.64881 | 391.9831 | 2.467641 | 1.236361 | 399.1753 | 2.417406 | 14.86425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 149.7454 | 4.875633 | 4.840260 | 4.551965 | 4.956012 | 4.782720 | 4.884530 |
| Stddev | .8615    | .008592  | .033275  | .016717  | .006266  | .022989  | .009151  |
| %RSD   | .5752955 | .1762211 | .6874616 | .3672563 | .1264230 | .4806733 | .1873562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 148.9079 | 4.866153 | 4.804033 | 4.540569 | 4.949144 | 4.756212 | 4.876724 |
| #2 | 149.6995 | 4.882906 | 4.869461 | 4.544169 | 4.961415 | 4.797186 | 4.882265 |
| #3 | 150.6290 | 4.877841 | 4.847285 | 4.571156 | 4.957478 | 4.794764 | 4.894601 |

Sample Name: CCV044      Acquired: 12/17/2024 0:00:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.855677 | 4.750724 | 4.836259 |
| Stddev | .018624  | .022343  | .017989  |
| %RSD   | .3835543 | .4703106 | .3719528 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.835433 | 4.725943 | 4.817550 |
| #2 | 4.859512 | 4.756899 | 4.837798 |
| #3 | 4.872085 | 4.769331 | 4.853428 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1679.632 | 22401.83 | 2339.823 | 1445.665 | 2149.757 |
| Stddev    | 4.117    | 57.83    | 12.917   | 3.894    | 6.159    |
| %RSD      | .2451142 | .2581568 | .5520711 | .2693747 | .2864946 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1683.929 | 22466.40 | 2353.764 | 1447.382 | 2153.283 |
| #2 | 1675.722 | 22384.31 | 2328.259 | 1441.207 | 2142.645 |
| #3 | 1679.245 | 22354.78 | 2337.446 | 1448.406 | 2153.342 |

Sample Name: CCB044      Acquired: 12/17/2024 0:03:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000512 | .0027188 | -.000164 | .0000987 | .0030740 | .0072270 | -.003855 |
| Stddev | .003271  | .0019921 | .002045  | .0029785 | .0015649 | .0174614 | .000445  |
| %RSD   | 639.4552 | 73.27364 | 1246.094 | 3018.712 | 50.90782 | 241.6124 | 11.54256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002777 | .0050026 | .001545  | .0020030 | .0048587 | .0124391 | -.004216 |
| #2 | .003239  | .0018151 | -.002430 | -.003334 | .0019367 | .0214889 | -.003358 |
| #3 | -.001996 | .0013386 | .000393  | .001627  | .0024265 | -.012247 | -.003991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000087 | -.000073 | .0123583 | .0006814 | .0000273 | -.001418 | -.001584 |
| Stddev | .000068  | .000041  | .0295939 | .0006930 | .0002328 | .001784  | .003073  |
| %RSD   | 78.29030 | 56.51501 | 239.4654 | 101.7080 | 853.7052 | 125.8611 | 194.0228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000092 | -.000102 | .0394495 | .0014700 | -.000240 | -.001709 | .001250  |
| #2 | -.000017 | -.000090 | -.019225 | .0001689 | .000187  | -.003038 | -.001152 |
| #3 | -.000153 | -.000026 | .016850  | .0004053 | .000135  | .000495  | -.004850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000922 | -.014815 | .0005463 | -.000972 | 1.452142 | -.000464 | -.006359 |
| Stddev | .000843  | .051483  | .0004171 | .000687  | .229133  | .000441  | .006472  |
| %RSD   | 91.41056 | 347.5155 | 76.34441 | 70.61849 | 15.77897 | 95.11926 | 101.7638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000156 | .006991  | .0002819 | -.000595 | 1.311358 | -.000541 | -.000732 |
| #2 | -.001825 | .022177  | .0010271 | -.001765 | 1.716536 | .000011  | -.004915 |
| #3 | -.000786 | -.073612 | .0003299 | -.000558 | 1.328531 | -.000862 | -.013431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1854575 | .0052187 | .0066033 | .0001108 | .0023160 | -.000373 | .0006334 |
| Stddev | .1163987 | .0014553 | .0021353 | .0002869 | .0030828 | .000805  | .0009587 |
| %RSD   | 62.76302 | 27.88701 | 32.33709 | 258.8262 | 133.1095 | 215.8275 | 151.3669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3180155 | .0056268 | .0085353 | .0004373 | .0034060 | .000539  | .0011760 |
| #2 | .0999442 | .0064263 | .0069639 | -.000101 | -.001164 | -.000987 | .0011978 |
| #3 | .1384129 | .0036028 | .0043106 | -.000004 | .004706  | -.000671 | -.000474 |

Sample Name: CCB044      Acquired: 12/17/2024 0:03:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003629 | .0000289 | -.011099 |
| Stddev | .003095  | .0001359 | .003207  |
| %RSD   | 85.28050 | 471.0851 | 28.89621 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001519 | .0001566 | -.008175 |
| #2 | -.007182 | -.000114 | -.010592 |
| #3 | -.002186 | .000044  | -.014529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2089.378 | 25581.42 | 2498.998 | 1773.989 | 2737.842 |
| Stddev    | 6.422    | 100.41   | 7.486    | 2.764    | 6.127    |
| %RSD      | .3073874 | .3924954 | .2995412 | .1558140 | .2237830 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2091.701 | 25597.20 | 2494.012 | 1771.726 | 2742.633 |
| #2 | 2082.118 | 25673.01 | 2507.606 | 1777.070 | 2730.939 |
| #3 | 2094.316 | 25474.07 | 2495.378 | 1773.170 | 2739.955 |

Sample Name: P5030-12      Acquired: 12/17/2024 0:11:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK50      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0371109 | .0580397 | 2.491177 | -.055234 | .0031428 | 13.21642 |
| Stddev | .0065419 | .0020004 | .014415  | .008136  | .0028442 | .02954   |
| %RSD   | 17.62800 | 3.446514 | .5786300 | 14.73044 | 90.50018 | .2235305 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0445829 | .0600761 | 2.502275 | -.048601 | .0036318 | 13.22878 |
| #2 | .0343362 | .0579655 | 2.474885 | -.052787 | .0000857 | 13.23778 |
| #3 | .0324136 | .0560775 | 2.496370 | -.064312 | .0057107 | 13.18270 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1561297 | .0026069 | .0286763 | F 2115.140 | .0461179 | .0911477 |
| Stddev | .0004707 | .0001984 | .0001241 | 20.204     | .0007160 | .0005068 |
| %RSD   | .3015064 | 7.612037 | .4328598 | .9552125   | 1.552472 | .5560595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1566681 | .0023907 | .0288147 | 2092.361 | .0460809 | .0909481 |
| #2 | .1559255 | .0027807 | .0286392 | 2122.168 | .0454212 | .0917240 |
| #3 | .1557956 | .0026493 | .0285749 | 2130.892 | .0468517 | .0907711 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0307936 | 114.3762 | 7.360708 | F 1200.758 | .0905682 | .0007921 |
| Stddev | .0067650 | .9866    | .047759  | 8.322      | .0011780 | .0006340 |
| %RSD   | 21.96876 | .8626106 | .6488368 | .6930389   | 1.300643 | 80.04028 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0241933 | 115.2673 | 7.408249 | 1209.327 | .0903284 | .0014707 |
| #2 | .0377120 | 114.5452 | 7.361142 | 1200.238 | .0918476 | .0006905 |
| #3 | .0304753 | 113.3159 | 7.312734 | 1192.708 | .0895286 | .0002150 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.514913 | .0573491 | 5.234031 | 6.997250 | 1.048526 | .1286263 |
| Stddev | .373966  | .0080663 | .033733  | .235915  | .005053  | .0009289 |
| %RSD   | 10.63940 | 14.06524 | .6444860 | 3.371541 | .4818710 | .7221482 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.905551 | .0483122 | 5.228919 | 7.116649 | 1.054341 | .1296818 |
| #2 | 3.478973 | .0638210 | 5.270028 | 7.149598 | 1.045213 | .1279337 |
| #3 | 3.160215 | .0599141 | 5.203146 | 6.725504 | 1.046023 | .1282633 |

Sample Name: P5030-12      Acquired: 12/17/2024 0:11:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK50      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010809 | 91.96397 | 4.232570 | .0195531 | -.015635 | .7539869 |
| Stddev | .0005508 | .37220   | .035589  | .0038356 | .004979  | .0049026 |
| %RSD   | 50.95463 | .4047195 | .8408378 | 19.61616 | 31.84706 | .6502301 |
| #1     | .0014846 | 92.33637 | 4.270278 | .0234515 | -.016699 | .7583394 |
| #2     | .0013046 | 91.59198 | 4.199568 | .0194242 | -.019997 | .7549455 |
| #3     | .0004535 | 91.96356 | 4.227865 | .0157836 | -.010210 | .7486757 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0333756 |
| Stddev | .0037606 |
| %RSD   | 11.26756 |
| #1     | .0361034 |
| #2     | .0349377 |
| #3     | .0290857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1888.600 | 23675.84 | 2510.414 | 1600.451 | 2018.357 |
| Stddev    | 6.963    | 134.47   | 13.360   | 7.244    | 7.838    |
| %RSD      | .3687049 | .5679553 | .5321974 | .4526131 | .3883252 |
| #1        | 1881.652 | 23627.05 | 2495.674 | 1602.918 | 2010.350 |
| #2        | 1895.578 | 23572.57 | 2521.726 | 1592.296 | 2026.014 |
| #3        | 1888.570 | 23827.89 | 2513.843 | 1606.139 | 2018.708 |



Sample Name: P5030-11      Acquired: 12/17/2024 0:07:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK49      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0354520 | .0502213 | .7881576 | -.053470 | .0019605 | 20.40311 |
| Stddev | .0026953 | .0087072 | .0041147 | .003634  | .0033956 | .05075   |
| %RSD   | 7.602674 | 17.33765 | .5220656 | 6.796466 | 173.2022 | .2487206 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0384462 | .0424120 | .7834153 | -.054181 | -.000454 | 20.35638 |
| #2 | .0346905 | .0486418 | .7902758 | -.056696 | .000492  | 20.45709 |
| #3 | .0332194 | .0596101 | .7907816 | -.049533 | .005843  | 20.39585 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1415598 | .0029628 | .0088923 | F 1764.210 | .0709846 | .0930652 |
| Stddev | .0008316 | .0000880 | .0000106 | 14.822     | .0007182 | .0007840 |
| %RSD   | .5874304 | 2.970545 | .1191798 | .8401586   | 1.011747 | .8424311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1406397 | .0029171 | .0088805 | 1776.827 | .0702727 | .0932297 |
| #2 | .1422577 | .0029069 | .0089011 | 1747.886 | .0717089 | .0937539 |
| #3 | .1417820 | .0030642 | .0088953 | 1767.917 | .0709723 | .0922120 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0651463 | 88.98579 | 6.125261 | F 1010.474 | .0960484 | .0005098 |
| Stddev | .0001642 | .10354   | .015449  | 1.158      | .0013980 | .0010771 |
| %RSD   | .2519917 | .1163593 | .2522125 | .1145927   | 1.455545 | 211.3056 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0649991 | 88.91013 | 6.108774 | 1010.257 | .0950613 | -.000308 |
| #2 | .0651163 | 88.94345 | 6.127606 | 1009.439 | .0954356 | .000107  |
| #3 | .0653233 | 89.10380 | 6.139403 | 1011.725 | .0976481 | .001730  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.020642 | .0570706 | 1.940144 | 9.996562 | 1.920732 | .1440966 |
| Stddev | .382547  | .0097987 | .003404  | .029782  | .002568  | .0013085 |
| %RSD   | 9.514563 | 17.16934 | .1754716 | .2979240 | .1337196 | .9080894 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.853814 | .0458555 | 1.936461 | 9.963298 | 1.921718 | .1455883 |
| #2 | 4.458271 | .0613824 | 1.943176 | 10.00564 | 1.917817 | .1435591 |
| #3 | 3.749842 | .0639739 | 1.940795 | 10.02075 | 1.922661 | .1431424 |

Sample Name: P5030-11      Acquired: 12/17/2024 0:07:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK49      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000623 | 45.79720 | 4.915012 | .0194759 | .0768463 | .7748406 |
| Stddev | .000718  | .13917   | .004202  | .0030593 | .0049777 | .0016682 |
| %RSD   | 115.3152 | .3038842 | .0854889 | 15.70802 | 6.477520 | .2153008 |
| #1     | .000176  | 45.73547 | 4.917484 | .0166058 | .0819379 | .7736570 |
| #2     | -.001214 | 45.69958 | 4.910161 | .0191275 | .0719909 | .7741161 |
| #3     | -.000830 | 45.95656 | 4.917393 | .0226945 | .0766100 | .7767486 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0510474 |
| Stddev | .0023727 |
| %RSD   | 4.648025 |
| #1     | .0511833 |
| #2     | .0533493 |
| #3     | .0486097 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1927.134 | 23956.85 | 2517.735 | 1619.088 | 2053.323 |
| Stddev    | 4.978    | 76.30    | 10.158   | 6.586    | 5.387    |
| %RSD      | .2583019 | .3184953 | .4034396 | .4067458 | .2623447 |
| #1        | 1927.698 | 23874.17 | 2507.075 | 1613.384 | 2051.396 |
| #2        | 1931.806 | 23971.84 | 2527.301 | 1626.296 | 2059.408 |
| #3        | 1921.899 | 24024.55 | 2518.829 | 1617.585 | 2049.164 |

Sample Name: P5030-13      Acquired: 12/17/2024 0:15:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1988079 | .0362979 | .5909275 | .0097632 | .0400085 | 84.87373 | .6110309 |
| Stddev | .0045341 | .0015888 | .0040777 | .0031606 | .0011883 | .17113   | .0009615 |
| %RSD   | 2.280660 | 4.377229 | .6900421 | 32.37222 | 2.970061 | .2016312 | .1573636 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1953467 | .0364704 | .5926513 | .0105971 | .0397364 | 84.68549 | .6101296 |
| #2 | .1971365 | .0346299 | .5862711 | .0062693 | .0413092 | 85.01990 | .6109200 |
| #3 | .2039405 | .0377935 | .5938603 | .0124232 | .0389798 | 84.91582 | .6120430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071685 | .0039470 | 27.57055 | .1147807 | .1667834 | .3876864 | 208.8662 |
| Stddev | .0001117 | .0000612 | .13575   | .0003090 | .0002456 | .0040039 | .7181    |
| %RSD   | 1.558657 | 1.550618 | .4923877 | .2692161 | .1472820 | 1.032766 | .3438081 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072613 | .0038822 | 27.43262 | .1144792 | .1666340 | .3843320 | 208.1365 |
| #2 | .0070444 | .0040038 | 27.70402 | .1150967 | .1666492 | .3866080 | 209.5721 |
| #3 | .0071997 | .0039549 | 27.57501 | .1147660 | .1670668 | .3921190 | 208.8901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.56138 | 20.08863 | .1847408 | .0039059 | 2.303383 | .1648248 | .5720787 |
| Stddev | .07574   | .02721   | .0005276 | .0004125 | .452456  | .0034919 | .0071462 |
| %RSD   | .3871726 | .1354588 | .2855861 | 10.56001 | 19.64308 | 2.118552 | 1.249165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.50445 | 20.08548 | .1853473 | .0034385 | 2.755485 | .1688481 | .5681194 |
| #2 | 19.64734 | 20.11728 | .1844875 | .0042189 | 1.850575 | .1625820 | .5677885 |
| #3 | 19.53234 | 20.06313 | .1843876 | .0040604 | 2.304090 | .1630445 | .5803282 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.124824 | 2.494909 | .0431481 | .0081459 | .7563746 | 7.991838 | .0233778 |
| Stddev | .031398  | .009170  | .0013457 | .0002273 | .0099510 | .044360  | .0017926 |
| %RSD   | .5126426 | .3675531 | 3.118824 | 2.790825 | 1.315618 | .5550628 | 7.667748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.096904 | 2.494581 | .0415947 | .0084071 | .7658540 | 7.985450 | .0224582 |
| #2 | 6.118755 | 2.485907 | .0439573 | .0079922 | .7460110 | 8.039046 | .0254435 |
| #3 | 6.158815 | 2.504239 | .0438924 | .0080385 | .7572588 | 7.951019 | .0222316 |

Sample Name: P5030-13      Acquired: 12/17/2024 0:15:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4824287 | -.064211 | .0560049 |
| Stddev | .0033202 | .000618  | .0005890 |
| %RSD   | .6882272 | .9625527 | 1.051661 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4802136 | -.063553 | .0555728 |
| #2 | .4862462 | -.064780 | .0566758 |
| #3 | .4808263 | -.064299 | .0557661 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2731.954 | 33493.33 | 3286.834 | 2322.039 | 2688.593 |
| Stddev    | 7.666    | 101.05   | 9.404    | 6.186    | 9.034    |
| %RSD      | .2805886 | .3016978 | .2861133 | .2664217 | .3360132 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2724.145 | 33397.89 | 3288.285 | 2314.909 | 2678.340 |
| #2 | 2732.249 | 33482.93 | 3276.789 | 2325.979 | 2695.382 |
| #3 | 2739.468 | 33599.18 | 3295.429 | 2325.230 | 2692.058 |

Sample Name: P5030-14      Acquired: 12/17/2024 0:19:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1107670 | .0187156 | 6.180614 | -.006476 | .0307419 | 74.41506 |
| Stddev | .0030942 | .0027015 | .044765  | .001299  | .0020010 | .16417   |
| %RSD   | 2.793403 | 14.43438 | .7242857 | 20.06210 | 6.509194 | .2206110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1134237 | .0195772 | 6.134527 | -.004979 | .0284386 | 74.38038 |
| #2 | .1073697 | .0156884 | 6.183386 | -.007137 | .0317341 | 74.27100 |
| #3 | .1115075 | .0208811 | 6.223928 | -.007312 | .0320530 | 74.59380 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.299812 | .0075848 | .0161167 | 77.25455 | .2119802 | .1054613 |
| Stddev | .010842  | .0002177 | .0001677 | .10698   | .0006963 | .0011134 |
| %RSD   | .3285611 | 2.870330 | 1.040721 | .1384776 | .3284565 | 1.055714 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.293498 | .0078336 | .0160006 | 77.37784 | .2119515 | .1044755 |
| #2 | 3.293608 | .0074918 | .0160405 | 77.18626 | .2126903 | .1052395 |
| #3 | 3.312331 | .0074291 | .0163090 | 77.19955 | .2112987 | .1066689 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7169962 | 153.2291 | 6.308467 | 23.83477 | .2221469 | .0053519 |
| Stddev | .0090162 | .1792    | .009638  | .14846   | .0023357 | .0005120 |
| %RSD   | 1.257489 | .1169369 | .1527866 | .6228775 | 1.051428 | 9.567423 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7254394 | 153.2209 | 6.307310 | 23.88823 | .2197400 | .0049922 |
| #2 | .7074997 | 153.0542 | 6.299459 | 23.66698 | .2222963 | .0059381 |
| #3 | .7180494 | 153.4122 | 6.318632 | 23.94910 | .2244042 | .0051254 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.260887 | .2061403 | 4.278201 | 6.133355 | F 15.57642 | .0593000 |
| Stddev | .194307  | .0010226 | .013175  | .051389  | .11349     | .0013847 |
| %RSD   | 8.594271 | .4960532 | .3079454 | .8378657 | .7285886   | 2.334992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.039432 | .2064084 | 4.288293 | 6.185387 | 15.46573 | .0586304 |
| #2 | 2.340415 | .2050104 | 4.263297 | 6.132045 | 15.57101 | .0583773 |
| #3 | 2.402814 | .2070021 | 4.283014 | 6.082633 | 15.69251 | .0608921 |

Sample Name: P5030-14      Acquired: 12/17/2024 0:19:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088288 | 4.731028 | 8.458609 | .1654400 | 1.025944 | .2271060 |
| Stddev | .0001419 | .045646  | .032707  | .0015912 | .004806  | .0004380 |
| %RSD   | 1.607184 | .9648161 | .3866737 | .9618232 | .4684289 | .1928418 |
| #1     | .0088473 | 4.680874 | 8.496046 | .1636212 | 1.020395 | .2268600 |
| #2     | .0086786 | 4.742070 | 8.435575 | .1661238 | 1.028696 | .2268463 |
| #3     | .0089606 | 4.770140 | 8.444206 | .1665751 | 1.028742 | .2276116 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0961686 |
| Stddev | .0019302 |
| %RSD   | 2.007054 |
| #1     | .0980007 |
| #2     | .0963516 |
| #3     | .0941534 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2386.600 | 29448.87 | 2860.229 | 2031.803 | 2678.237 |
| Stddev    | 17.058   | 123.19   | 9.925    | 8.538    | 22.360   |
| %RSD      | .7147535 | .4183164 | .3470056 | .4202057 | .8348830 |
| #1        | 2404.331 | 29403.83 | 2858.951 | 2023.099 | 2700.610 |
| #2        | 2385.166 | 29354.54 | 2851.005 | 2032.146 | 2678.211 |
| #3        | 2370.305 | 29588.24 | 2870.731 | 2040.164 | 2655.889 |

Sample Name: P5030-15      Acquired: 12/17/2024 0:23:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1997050 | .0140063 | 8.355792 | -.008005 | .0618966 | 83.30507 |
| Stddev | .0010521 | .0030471 | .020849  | .006206  | .0040223 | .10084   |
| %RSD   | .5268359 | 21.75549 | .2495134 | 77.52935 | 6.498395 | .1210518 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1986778 | .0156531 | 8.349898 | -.001195 | .0585080 | 83.24911 |
| #2 | .2007804 | .0158757 | 8.338525 | -.013344 | .0608401 | 83.24462 |
| #3 | .1996566 | .0104901 | 8.378954 | -.009476 | .0663417 | 83.42148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.435676 | .0094883 | .0244145 | 111.1279 | .2328316 | .1375558 |
| Stddev | .010227  | .0002954 | .0000449 | .1281    | .0003934 | .0008215 |
| %RSD   | .2305592 | 3.112761 | .1840297 | .1152841 | .1689704 | .5972368 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.427664 | .0093950 | .0244546 | 111.0228 | .2323779 | .1375447 |
| #2 | 4.432170 | .0092508 | .0243660 | 111.0903 | .2330781 | .1367398 |
| #3 | 4.447196 | .0098190 | .0244228 | 111.2706 | .2330388 | .1383828 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9160763 | 248.5510 | 7.456435 | 26.00265 | .2810539 | .0065172 |
| Stddev | .0049662 | .7827    | .035293  | .14422   | .0011048 | .0005897 |
| %RSD   | .5421134 | .3148979 | .4733295 | .5546525 | .3931041 | 9.047957 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9218035 | 247.8832 | 7.433244 | 25.89851 | .2815414 | .0068236 |
| #2 | .9134613 | 248.3574 | 7.439009 | 25.94219 | .2797892 | .0068907 |
| #3 | .9129640 | 249.4123 | 7.497052 | 26.16727 | .2818311 | .0058375 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.158557 | .2570119 | 5.801633 | 6.957416 | F 19.75482 | .0691440 |
| Stddev | .647443  | .0015921 | .033671  | .106943  | .05349     | .0042542 |
| %RSD   | 20.49806 | .6194584 | .5803759 | 1.537108 | .2707484   | 6.152720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.796670 | .2567454 | 5.827878 | 7.074215 | 19.72042 | .0643310 |
| #2 | 2.772966 | .2555699 | 5.813352 | 6.933733 | 19.72761 | .0724020 |
| #3 | 3.906035 | .2587204 | 5.763668 | 6.864299 | 19.81644 | .0706989 |

Sample Name: P5030-15      Acquired: 12/17/2024 0:23:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124382 | 4.213783 | 8.415487 | .9112496 | 1.189211 | .3165237 |
| Stddev | .0004205 | .010779  | .031662  | .0027594 | .002439  | .0018475 |
| %RSD   | 3.380293 | .2557944 | .3762403 | .3028197 | .2050977 | .5836850 |
| #1     | .0129152 | 4.214792 | 8.388892 | .9109549 | 1.187979 | .3166493 |
| #2     | .0122778 | 4.202535 | 8.407058 | .9086493 | 1.187635 | .3146167 |
| #3     | .0121216 | 4.224022 | 8.450511 | .9141445 | 1.192021 | .3183053 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1183218 |
| Stddev | .0033134 |
| %RSD   | 2.800321 |
| #1     | .1156560 |
| #2     | .1172779 |
| #3     | .1220314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2301.816 | 28368.57 | 2792.909 | 1968.169 | 2554.154 |
| Stddev    | 6.844    | 74.50    | 8.930    | 6.449    | 6.431    |
| %RSD      | .2973165 | .2626047 | .3197426 | .3276477 | .2517765 |
| #1        | 2302.668 | 28307.62 | 2799.650 | 1960.761 | 2557.359 |
| #2        | 2308.193 | 28346.47 | 2796.298 | 1972.530 | 2558.353 |
| #3        | 2294.585 | 28451.61 | 2782.781 | 1971.215 | 2546.751 |



Sample Name: P5030-16      Acquired: 12/17/2024 0:27:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBH KC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1417219 | .0264765 | 2.766707 | -.001079 | .0387172 | 92.42877 |
| Stddev | .0046689 | .0047666 | .011070  | .004517  | .0006489 | .23695   |
| %RSD   | 3.294447 | 18.00333 | .4001290 | 418.7752 | 1.675989 | .2563608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1428669 | .0225940 | 2.758407 | -.005563 | .0387713 | 92.37535 |
| #2 | .1457118 | .0250390 | 2.762438 | .003471  | .0380429 | 92.22309 |
| #3 | .1365869 | .0317964 | 2.779277 | -.001144 | .0393373 | 92.68787 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.301954 | .0081903 | .0117343 | 73.28238 | .1787503 | .1294888 |
| Stddev | .006377  | .0001242 | .0001522 | .40267   | .0004037 | .0009236 |
| %RSD   | .2770468 | 1.515889 | 1.296587 | .5494790 | .2258218 | .7132605 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.300718 | .0081446 | .0116731 | 73.42271 | .1784314 | .1288703 |
| #2 | 2.296284 | .0083308 | .0116224 | 72.82832 | .1792042 | .1290455 |
| #3 | 2.308859 | .0080954 | .0119075 | 73.59611 | .1786153 | .1305505 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3969485 | 189.4387 | 11.42809 | 26.60056 | .2155693 | .0060171 |
| Stddev | .0087829 | .5370    | .04187   | .16047   | .0004627 | .0001013 |
| %RSD   | 2.212611 | .2834430 | .3663574 | .6032641 | .2146544 | 1.683878 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4069760 | 189.2463 | 11.41371 | 26.72344 | .2160746 | .0059762 |
| #2 | .3906207 | 189.0245 | 11.39531 | 26.41901 | .2154669 | .0061325 |
| #3 | .3932488 | 190.0454 | 11.47525 | 26.65922 | .2151663 | .0059427 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.669095 | .2453268 | 2.101301 | 6.516102 | F 13.63480 | .0433272 |
| Stddev | .664913  | .0055959 | .023164  | .092664  | .04220     | .0004284 |
| %RSD   | 24.91155 | 2.280976 | 1.102384 | 1.422077 | .3094792   | .9888332 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.745962 | .2470386 | 2.125752 | 6.504419 | 13.61099 | .0435650 |
| #2 | 3.292234 | .2390750 | 2.098467 | 6.429833 | 13.60988 | .0428326 |
| #3 | 1.969089 | .2498668 | 2.079684 | 6.614053 | 13.68352 | .0435841 |

Sample Name: P5030-16      Acquired: 12/17/2024 0:27:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBH KC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097549 | 2.920521 | 9.719127 | .1170622 | .9680355 | .1418481 |
| Stddev | .0003423 | .010677  | .101756  | .0009321 | .0045898 | .0002578 |
| %RSD   | 3.508558 | .3655766 | 1.046968 | .7962795 | .4741377 | .1817277 |
| #1     | .0098384 | 2.928225 | 9.653212 | .1167833 | .9646127 | .1415767 |
| #2     | .0100476 | 2.908334 | 9.667848 | .1163013 | .9662426 | .1418779 |
| #3     | .0093786 | 2.925005 | 9.836320 | .1181019 | .9732511 | .1420897 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1359721 |
| Stddev | .0019194 |
| %RSD   | 1.411577 |
| #1     | .1343258 |
| #2     | .1380802 |
| #3     | .1355101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2438.911 | 30051.08 | 2965.766 | 2082.198 | 2577.087 |
| Stddev    | 5.297    | 136.72   | 19.113   | 5.551    | 9.914    |
| %RSD      | .2172000 | .4549697 | .6444428 | .2666014 | .3847057 |
| #1        | 2443.865 | 29915.42 | 2973.124 | 2076.935 | 2587.738 |
| #2        | 2439.541 | 30049.00 | 2980.106 | 2081.662 | 2575.397 |
| #3        | 2433.326 | 30188.84 | 2944.068 | 2087.998 | 2568.127 |

Sample Name: P5030-17      Acquired: 12/17/2024 0:31:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0844983 | .0267327 | .7104740 | -.025142 | .0318771 | 104.7699 |
| Stddev | .0087856 | .0025477 | .0050747 | .005115  | .0032492 | .2167    |
| %RSD   | 10.39740 | 9.530370 | .7142719 | 20.34631 | 10.19298 | .2068572 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0772278 | .0268919 | .7096169 | -.019243 | .0342151 | 105.0200 |
| #2 | .0820063 | .0241091 | .7058825 | -.027826 | .0332493 | 104.6361 |
| #3 | .0942607 | .0291971 | .7159227 | -.028356 | .0281669 | 104.6537 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.453763 | .0082958 | .0079087 | 392.8351 | .2013053 | .1334605 |
| Stddev | .002813  | .0001660 | .0000946 | .8493    | .0010150 | .0010282 |
| %RSD   | .1934899 | 2.000702 | 1.195805 | .2161917 | .5042222 | .7704078 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.457007 | .0084842 | .0079446 | 393.5607 | .2007586 | .1334464 |
| #2 | 1.452001 | .0082317 | .0078014 | 391.9010 | .2006808 | .1324394 |
| #3 | 1.452281 | .0081714 | .0079800 | 393.0436 | .2024765 | .1344956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1552335 | 201.8030 | 6.323196 | 54.87952 | .2215739 | .0021914 |
| Stddev | .0038515 | .5400    | .011750  | .29527   | .0021166 | .0012167 |
| %RSD   | 2.481089 | .2675643 | .1858208 | .5380413 | .9552697 | 55.52267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1593811 | 202.4172 | 6.336504 | 55.20753 | .2192592 | .0011476 |
| #2 | .1545498 | 201.5891 | 6.318829 | 54.79610 | .2220516 | .0018988 |
| #3 | .1517697 | 201.4028 | 6.314255 | 54.63492 | .2234108 | .0035277 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.018990 | .2400907 | .7898654 | 6.454996 | F 12.07764 | .0443141 |
| Stddev | .409888  | .0078941 | .0084320 | .205036  | .07070     | .0014439 |
| %RSD   | 20.30165 | 3.287961 | 1.067524 | 3.176396 | .5853432   | 3.258358 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.469703 | .2310913 | .7853726 | 6.593172 | 12.03695 | .0457809 |
| #2 | 1.668526 | .2433352 | .7995925 | 6.219414 | 12.03671 | .0428942 |
| #3 | 1.918741 | .2458455 | .7846313 | 6.552403 | 12.15927 | .0442674 |

Sample Name: P5030-17      Acquired: 12/17/2024 0:31:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055670 | 2.728504 | 8.193925 | .0447015 | 1.108835 | .1637332 |
| Stddev | .0001394 | .017076  | .026941  | .0001979 | .006422  | .0002924 |
| %RSD   | 2.503041 | .6258365 | .3287897 | .4426992 | .5791914 | .1785575 |
| #1     | .0055159 | 2.714361 | 8.207988 | .0447483 | 1.115098 | .1633982 |
| #2     | .0057248 | 2.723677 | 8.162863 | .0448718 | 1.109141 | .1639369 |
| #3     | .0054605 | 2.747474 | 8.210924 | .0444844 | 1.102265 | .1638645 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1629924 |
| Stddev | .0015677 |
| %RSD   | .9618336 |
| #1     | .1613218 |
| #2     | .1632238 |
| #3     | .1644315 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2402.916 | 29454.51 | 2985.709 | 2040.972 | 2419.540 |
| Stddev    | 3.092    | 114.20   | 10.126   | 13.678   | 5.444    |
| %RSD      | .1286576 | .3877161 | .3391390 | .6701932 | .2250031 |
| #1        | 2406.121 | 29497.08 | 2978.924 | 2047.790 | 2420.087 |
| #2        | 2402.677 | 29325.14 | 2980.855 | 2025.224 | 2424.690 |
| #3        | 2399.951 | 29541.31 | 2997.348 | 2049.900 | 2413.843 |

Sample Name: P5030-18      Acquired: 12/17/2024 0:34:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0527912 | .0339918 | .2738677 | -.034011 | .0261310 | 74.62482 | .8794207 |
| Stddev | .0011762 | .0022272 | .0015903 | .003952  | .0026973 | .33314   | .0036833 |
| %RSD   | 2.228016 | 6.552145 | .5806749 | 11.61853 | 10.32215 | .4464231 | .4188284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0514496 | .0338941 | .2734438 | -.034512 | .0291032 | 74.98821 | .8822776 |
| #2 | .0532792 | .0318151 | .2756269 | -.029833 | .0254514 | 74.55241 | .8807209 |
| #3 | .0536449 | .0362662 | .2725323 | -.037688 | .0238386 | 74.33384 | .8752637 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057188 | .0041911 | 618.8682 | .1159812 | .1315622 | .1418470 | 185.1231 |
| Stddev | .0001661 | .0000963 | 3.2480   | .0010048 | .0003478 | .0064413 | 1.1726   |
| %RSD   | 2.904660 | 2.298703 | .5248257 | .8663687 | .2643349 | 4.541024 | .6333952 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058714 | .0041869 | 621.5559 | .1148644 | .1312127 | .1492590 | 186.2562 |
| #2 | .0057430 | .0042894 | 619.7895 | .1168121 | .1315657 | .1386772 | 185.1984 |
| #3 | .0055419 | .0040969 | 615.2590 | .1162670 | .1319083 | .1376049 | 183.9147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.703922 | 127.7394 | .2192615 | -.000393 | 1.944881 | .1673013 | .4565451 |
| Stddev | .028912  | .8827    | .0012851 | .000042  | .347398  | .0022396 | .0010136 |
| %RSD   | .4312646 | .6910512 | .5861121 | 10.78780 | 17.86217 | 1.338677 | .2220184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.728486 | 128.4880 | .2199955 | -.000405 | 1.712598 | .1689366 | .4557283 |
| #2 | 6.711219 | 127.9641 | .2177776 | -.000428 | 2.344252 | .1682185 | .4576795 |
| #3 | 6.672061 | 126.7660 | .2200115 | -.000346 | 1.777793 | .1647486 | .4562276 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.474213 | 7.633366 | .0445654 | .0044724 | 1.082492 | 8.079674 | .0282775 |
| Stddev | .176263  | .009034  | .0015159 | .0004179 | .006177  | .087214  | .0017999 |
| %RSD   | 2.722545 | .1183442 | 3.401429 | 9.343686 | .5706274 | 1.079427 | 6.365248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.548895 | 7.628931 | .0461006 | .0043175 | 1.076191 | 8.155694 | .0293676 |
| #2 | 6.600840 | 7.627407 | .0430696 | .0049456 | 1.082750 | 8.098864 | .0292650 |
| #3 | 6.272903 | 7.643760 | .0445260 | .0041541 | 1.088537 | 7.984462 | .0262000 |

Sample Name: P5030-18      Acquired: 12/17/2024 0:34:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.331057 | .5360160 | .1162915 |
| Stddev | .009800  | .0019483 | .0027032 |
| %RSD   | .7362318 | .3634699 | 2.324478 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.328071 | .5379528 | .1183445 |
| #2 | 1.342002 | .5360386 | .1132289 |
| #3 | 1.323098 | .5340565 | .1173013 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2220.007 | 27267.66 | 2773.075 | 1881.881 | 2319.812 |
| Stddev    | 4.433    | 22.67    | 26.732   | .943     | 3.210    |
| %RSD      | .1996796 | .0831216 | .9639858 | .0501234 | .1383813 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2222.033 | 27290.94 | 2749.153 | 1881.815 | 2321.718 |
| #2 | 2223.064 | 27245.66 | 2768.144 | 1882.855 | 2321.613 |
| #3 | 2214.923 | 27266.38 | 2801.930 | 1880.971 | 2316.106 |

Sample Name: P5030-19      Acquired: 12/17/2024 0:38:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0412416 | .0348198 | .1198143 | -.026056 | .0246401 | 66.01115 | .6404907 |
| Stddev | .0014202 | .0015791 | .0042016 | .001039  | .0029761 | .02847   | .0025654 |
| %RSD   | 3.443580 | 4.534957 | 3.506749 | 3.986921 | 12.07847 | .0431274 | .4005310 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0425372 | .0352342 | .1151955 | -.026094 | .0273221 | 65.97829 | .6396074 |
| #2 | .0397232 | .0361504 | .1234096 | -.027076 | .0214383 | 66.02713 | .6433810 |
| #3 | .0414645 | .0330749 | .1208378 | -.024999 | .0251600 | 66.02805 | .6384837 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050354 | .0029818 | 469.9204 | .0999194 | .1298364 | .1281685 | 164.8012 |
| Stddev | .0000738 | .0001392 | .6810    | .0006759 | .0010699 | .0037198 | .3478    |
| %RSD   | 1.464930 | 4.667152 | .1449150 | .6764252 | .8240023 | 2.902275 | .2110589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051105 | .0031059 | 469.1429 | .1004293 | .1287821 | .1318943 | 164.7653 |
| #2 | .0049630 | .0028313 | 470.4110 | .1001762 | .1298061 | .1281566 | 165.1656 |
| #3 | .0050327 | .0030081 | 470.2074 | .0991528 | .1309211 | .1244547 | 164.4727 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.626314 | 114.5991 | .2121544 | .0001102 | 1.687370 | .1580496 | .3302140 |
| Stddev | .010441  | .3177    | .0011864 | .0003477 | .311099  | .0079653 | .0134149 |
| %RSD   | .1575747 | .2772333 | .5592321 | 315.5392 | 18.43690 | 5.039734 | 4.062497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.620548 | 114.4597 | .2108970 | .0002243 | 1.985655 | .1533315 | .3322767 |
| #2 | 6.638367 | 114.9626 | .2132541 | -.000280 | 1.711583 | .1535712 | .3158872 |
| #3 | 6.620027 | 114.3748 | .2123122 | .000387  | 1.364873 | .1672460 | .3424781 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.086609 | 6.849196 | .0389956 | .0040844 | .6125130 | 4.771398 | .0190837 |
| Stddev | .149847  | .016951  | .0022401 | .0005713 | .0034255 | .047786  | .0005419 |
| %RSD   | 2.461915 | .2474842 | 5.744410 | 13.98618 | .5592473 | 1.001506 | 2.839592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.187238 | 6.832052 | .0415716 | .0043816 | .6085645 | 4.717225 | .0192141 |
| #2 | 5.914395 | 6.865946 | .0375045 | .0034258 | .6142848 | 4.789405 | .0195485 |
| #3 | 6.158195 | 6.849590 | .0379108 | .0044458 | .6146896 | 4.807565 | .0184885 |

Sample Name: P5030-19      Acquired: 12/17/2024 0:38:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.260498 | .4897410 | .1001146 |
| Stddev | .006482  | .0006076 | .0032383 |
| %RSD   | .5142308 | .1240558 | 3.234576 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.263604 | .4891021 | .1034767 |
| #2 | 1.253048 | .4903115 | .0970162 |
| #3 | 1.264843 | .4898093 | .0998509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2229.302 | 27516.03 | 2784.576 | 1898.261 | 2386.740 |
| Stddev    | 10.738   | 194.94   | 32.126   | 17.263   | 4.712    |
| %RSD      | .4816896 | .7084739 | 1.153706 | .9094361 | .1974048 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2232.241 | 27436.52 | 2821.482 | 1886.059 | 2390.322 |
| #2 | 2238.265 | 27373.40 | 2762.879 | 1890.709 | 2388.494 |
| #3 | 2217.400 | 27738.16 | 2769.367 | 1918.013 | 2381.402 |



Sample Name: P5030-20      Acquired: 12/17/2024 0:42:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0686686 | .0304643 | .1226484 | -.032088 | .0228517 | 73.87927 | .6259236 |
| Stddev | .0041820 | .0039729 | .0015948 | .003090  | .0008859 | .20108   | .0026705 |
| %RSD   | 6.090192 | 13.04113 | 1.300317 | 9.629711 | 3.876808 | .2721689 | .4266528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0733165 | .0345384 | .1244898 | -.031850 | .0218297 | 73.76032 | .6241059 |
| #2 | .0652099 | .0266010 | .1217083 | -.029123 | .0233234 | 74.11143 | .6289897 |
| #3 | .0674796 | .0302534 | .1217471 | -.035290 | .0234019 | 73.76605 | .6246752 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055617 | .0027958 | 523.6022 | .1104611 | .1381713 | .1382425 | 165.3936 |
| Stddev | .0001746 | .0000803 | 1.6346   | .0008839 | .0010967 | .0020598 | .6732    |
| %RSD   | 3.139197 | 2.872850 | .3121900 | .8001457 | .7937304 | 1.489970 | .4070057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057599 | .0028317 | 522.6987 | .1094450 | .1379349 | .1404295 | 164.8927 |
| #2 | .0054944 | .0027038 | 525.4892 | .1108866 | .1372120 | .1379586 | 166.1588 |
| #3 | .0054307 | .0028519 | 522.6188 | .1110517 | .1393669 | .1363394 | 165.1293 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.645630 | 111.8506 | .2251169 | -.000444 | 2.243802 | .1681734 | .3592807 |
| Stddev | .024322  | .2808    | .0016043 | .000361  | .594348  | .0061727 | .0036591 |
| %RSD   | .4308167 | .2510884 | .7126643 | 81.33562 | 26.48842 | 3.670448 | 1.018462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.626007 | 111.5463 | .2244709 | -.000698 | 2.858932 | .1749769 | .3559151 |
| #2 | 5.672842 | 112.0998 | .2239363 | -.000031 | 2.199790 | .1666122 | .3587514 |
| #3 | 5.638042 | 111.9058 | .2269435 | -.000603 | 1.672683 | .1629313 | .3631757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.711938 | 7.153513 | .0348393 | .0025030 | .6792322 | 9.294110 | .0220190 |
| Stddev | .137412  | .053395  | .0034605 | .0006322 | .0082736 | .058353  | .0011084 |
| %RSD   | 2.047284 | .7464207 | 9.932736 | 25.25611 | 1.218084 | .6278509 | 5.033807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.844415 | 7.107489 | .0309547 | .0025250 | .6830149 | 9.322963 | .0212441 |
| #2 | 6.721328 | 7.140996 | .0359705 | .0018601 | .6697434 | 9.332417 | .0215244 |
| #3 | 6.570072 | 7.212055 | .0375925 | .0031238 | .6849383 | 9.226951 | .0232886 |

Sample Name: P5030-20      Acquired: 12/17/2024 0:42:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.352381 | .5806321 | .1179994 |
| Stddev | .002648  | .0016172 | .0009136 |
| %RSD   | .1958255 | .2785242 | .7742167 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.354512 | .5798482 | .1174479 |
| #2 | 1.353216 | .5824918 | .1190539 |
| #3 | 1.349417 | .5795562 | .1174964 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2223.205 | 27347.40 | 2789.200 | 1883.185 | 2344.653 |
| Stddev    | 7.369    | 262.79   | 9.512    | 22.099   | 8.935    |
| %RSD      | .3314362 | .9609407 | .3410415 | 1.173502 | .3810954 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2228.134 | 27646.31 | 2794.951 | 1907.579 | 2350.843 |
| #2 | 2226.747 | 27152.67 | 2778.221 | 1864.502 | 2348.708 |
| #3 | 2214.735 | 27243.21 | 2794.430 | 1877.474 | 2334.410 |

Sample Name: P5030-21      Acquired: 12/17/2024 0:46:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0637734 | .0251645 | .1205740 | -.032802 | .0223665 | 72.36861 | .5935711 |
| Stddev | .0011728 | .0018531 | .0035388 | .007107  | .0013724 | .25486   | .0030982 |
| %RSD   | 1.839082 | 7.364125 | 2.934980 | 21.66694 | 6.136107 | .3521644 | .5219653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0626538 | .0266987 | .1182591 | -.028272 | .0216477 | 72.66164 | .5971073 |
| #2 | .0649930 | .0231055 | .1188153 | -.029141 | .0215027 | 72.19861 | .5913337 |
| #3 | .0636733 | .0256891 | .1246477 | -.040993 | .0239490 | 72.24558 | .5922722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054606 | .0025941 | 455.2577 | .1053537 | .1303628 | .1289207 | 166.4064 |
| Stddev | .0001537 | .0001079 | 1.2248   | .0005262 | .0007037 | .0046466 | .4188    |
| %RSD   | 2.814671 | 4.158250 | .2690301 | .4994949 | .5398234 | 3.604232 | .2516887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055322 | .0027162 | 456.3495 | .1058005 | .1308310 | .1291117 | 166.8427 |
| #2 | .0055655 | .0025118 | 455.4904 | .1054870 | .1295535 | .1334688 | 166.0075 |
| #3 | .0052842 | .0025545 | 453.9333 | .1047737 | .1307040 | .1241815 | 166.3690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.797326 | 105.3134 | .2074963 | .0000738 | 2.144384 | .1727965 | .3469151 |
| Stddev | .019788  | .3911    | .0001696 | .0012242 | .150419  | .0046468 | .0062440 |
| %RSD   | .4124881 | .3713282 | .0817487 | 1658.278 | 7.014545 | 2.689175 | 1.799860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.820025 | 105.7349 | .2073787 | -.001021 | 2.184603 | .1720389 | .3536823 |
| #2 | 4.788249 | 105.2428 | .2076908 | -.000153 | 2.270604 | .1777755 | .3456857 |
| #3 | 4.783705 | 104.9624 | .2074196 | .001396  | 1.977943 | .1685750 | .3413772 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.184093 | 6.755525 | .0356635 | .0023575 | .5946421 | 7.673923 | .0200584 |
| Stddev | .045525  | .006002  | .0026386 | .0010683 | .0038193 | .081028  | .0011872 |
| %RSD   | .6336861 | .0888410 | 7.398590 | 45.31528 | .6422853 | 1.055883 | 5.918927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.173032 | 6.755423 | .0384553 | .0011261 | .5987249 | 7.711910 | .0214103 |
| #2 | 7.145118 | 6.761578 | .0353244 | .0030368 | .5940447 | 7.580881 | .0195792 |
| #3 | 7.234129 | 6.749576 | .0332109 | .0029094 | .5911567 | 7.728979 | .0191857 |

Sample Name: P5030-21      Acquired: 12/17/2024 0:46:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.411522 | .5114023 | .1091219 |
| Stddev | .011609  | .0027395 | .0040891 |
| %RSD   | .8224749 | .5356914 | 3.747278 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.424860 | .5143591 | .1108520 |
| #2 | 1.403690 | .5108974 | .1044521 |
| #3 | 1.406016 | .5089503 | .1120615 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2243.004 | 27518.44 | 2770.054 | 1895.763 | 2399.957 |
| Stddev    | 4.506    | 127.84   | 11.834   | 4.927    | 4.882    |
| %RSD      | .2009082 | .4645690 | .4272194 | .2599102 | .2034203 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2244.633 | 27516.28 | 2761.004 | 1891.270 | 2400.156 |
| #2 | 2246.470 | 27391.69 | 2783.446 | 1894.988 | 2404.736 |
| #3 | 2237.910 | 27647.35 | 2765.711 | 1901.032 | 2394.978 |

Sample Name: P5036-01      Acquired: 12/17/2024 0:53:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK343      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1505245 | .0541185 | .6108124 | .0007088 | .0328520 | 69.86452 | .9523392 |
| Stddev | .0010787 | .0008778 | .0047357 | .0049254 | .0020031 | .51508   | .0067538 |
| %RSD   | .7165950 | 1.621947 | .7753085 | 694.9059 | 6.097284 | .7372551 | .7091816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1508352 | .0551293 | .6103079 | .0018200 | .0345990 | 69.82869 | .9485156 |
| #2 | .1514137 | .0535488 | .6063492 | -.004677 | .0332913 | 69.36828 | .9483647 |
| #3 | .1493246 | .0536773 | .6157801 | .004984  | .0306657 | 70.39657 | .9601374 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059736 | .0147562 | 79.76552 | .0938322 | .1451450 | .1842998 | 188.1134 |
| Stddev | .0000932 | .0000203 | .70499   | .0013240 | .0005160 | .0051706 | 1.6737   |
| %RSD   | 1.560173 | .1377025 | .8838268 | 1.410995 | .3555187 | 2.805511 | .8897031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059528 | .0147512 | 79.78999 | .0928600 | .1447817 | .1820506 | 187.0606 |
| #2 | .0058927 | .0147388 | 79.04861 | .0953401 | .1449176 | .1806349 | 187.2363 |
| #3 | .0060755 | .0147785 | 80.45795 | .0932965 | .1457356 | .1902141 | 190.0433 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.09522 | 30.57002 | .1907289 | .0040866 | 5.756460 | .1454957 | .9252883 |
| Stddev | .18180   | .20179   | .0006368 | .0005753 | .321755  | .0032151 | .0100239 |
| %RSD   | .8228127 | .6601022 | .3338632 | 14.07752 | 5.589460 | 2.209732 | 1.083329 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.99768 | 30.40339 | .1905931 | .0041150 | 5.707100 | .1428206 | .9194096 |
| #2 | 21.98301 | 30.51227 | .1901709 | .0034977 | 5.462236 | .1446040 | .9195929 |
| #3 | 22.30498 | 30.79439 | .1914226 | .0046472 | 6.100042 | .1490625 | .9368624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.046623 | 3.880170 | .0362193 | .0041018 | 3.391253 | 7.961973 | .0243006 |
| Stddev | .106243  | .008214  | .0016568 | .0003053 | .015173  | .099070  | .0008296 |
| %RSD   | 2.105225 | .2117025 | 4.574263 | 7.444218 | .4474186 | 1.244287 | 3.413883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.984173 | 3.879360 | .0369526 | .0039736 | 3.377482 | 7.927015 | .0251360 |
| #2 | 4.986401 | 3.872390 | .0373828 | .0044503 | 3.388758 | 7.885121 | .0234769 |
| #3 | 5.169295 | 3.888759 | .0343224 | .0038814 | 3.407519 | 8.073783 | .0242889 |

Sample Name: P5036-01      Acquired: 12/17/2024 0:53:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK343      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4081259 | -.037228 | .0299927 |
| Stddev | .0049849 | .000261  | .0016901 |
| %RSD   | 1.221413 | .7006250 | 5.635031 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4054429 | -.036949 | .0288672 |
| #2 | .4050571 | -.037271 | .0319362 |
| #3 | .4138777 | -.037465 | .0291748 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2776.423 | 34043.70 | 3341.596 | 2359.611 | 2635.701 |
| Stddev    | 5.202    | 137.51   | 33.060   | 6.132    | 3.741    |
| %RSD      | .1873660 | .4039114 | .9893610 | .2598648 | .1419499 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2779.399 | 33921.60 | 3340.958 | 2353.324 | 2640.005 |
| #2 | 2770.416 | 34016.86 | 3374.970 | 2359.934 | 2633.219 |
| #3 | 2779.454 | 34192.65 | 3308.858 | 2365.575 | 2633.881 |

Sample Name: P5036-02      Acquired: 12/17/2024 0:57:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0845093 | .0173735 | .8873507 | -.011826 | .0292065 | 64.46580 |
| Stddev | .0027237 | .0033165 | .0024623 | .003670  | .0018591 | .17860   |
| %RSD   | 3.222969 | 19.08955 | .2774863 | 31.02942 | 6.365307 | .2770519 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0855605 | .0208148 | .8875222 | -.015614 | .0273356 | 64.67016 |
| #2 | .0865508 | .0171081 | .8848072 | -.011577 | .0310535 | 64.33957 |
| #3 | .0814167 | .0141977 | .8897228 | -.008288 | .0292304 | 64.38768 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.212177 | .0063447 | .0060253 | 108.0910 | .1230516 | .0958473 |
| Stddev | .002465  | .0001330 | .0000916 | .1512    | .0003086 | .0009982 |
| %RSD   | .2033749 | 2.096557 | 1.520890 | .1398806 | .2507753 | 1.041468 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.214112 | .0061919 | .0060631 | 108.2466 | .1232403 | .0963783 |
| #2 | 1.213018 | .0064354 | .0059208 | 107.9446 | .1232191 | .0946959 |
| #3 | 1.209402 | .0064066 | .0060919 | 108.0817 | .1226955 | .0964679 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2232493 | 163.8533 | 7.102898 | 35.54490 | .1670300 | .0017056 |
| Stddev | .0099429 | .2896    | .006153  | .07643   | .0007597 | .0004179 |
| %RSD   | 4.453726 | .1767420 | .0866274 | .2150253 | .4548554 | 24.50288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2161449 | 164.1715 | 7.099396 | 35.58092 | .1669789 | .0020352 |
| #2 | .2189909 | 163.6052 | 7.099296 | 35.45712 | .1662971 | .0018459 |
| #3 | .2346122 | 163.7832 | 7.110003 | 35.59668 | .1678140 | .0012355 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.619811 | .1710283 | 1.214607 | 6.169964 | F 10.62165 | .0399010 |
| Stddev | .625394  | .0038454 | .014086  | .149640  | .04448     | .0031363 |
| %RSD   | 23.87173 | 2.248377 | 1.159741 | 2.425305 | .4188116   | 7.860279 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.637438 | .1708242 | 1.213522 | 6.017443 | 10.59551 | .0428768 |
| #2 | 1.985789 | .1672891 | 1.229205 | 6.175903 | 10.59642 | .0402006 |
| #3 | 3.236205 | .1749717 | 1.201095 | 6.316547 | 10.67301 | .0366256 |

Sample Name: P5036-02      Acquired: 12/17/2024 0:57:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060714 | 3.564850 | 8.927510 | .0728625 | .8179787 | .0343910 |
| Stddev | .0005172 | .017082  | .079992  | .0014692 | .0027945 | .0007346 |
| %RSD   | 8.519341 | .4791820 | .8960137 | 2.016341 | .3416316 | 2.136100 |
| #1     | .0055972 | 3.559960 | 8.881732 | .0734609 | .8201754 | .0335621 |
| #2     | .0059939 | 3.550747 | 8.880923 | .0711885 | .8189274 | .0346495 |
| #3     | .0066230 | 3.583844 | 9.019875 | .0739380 | .8148334 | .0349615 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0741597 |
| Stddev | .0048499 |
| %RSD   | 6.539746 |
| #1     | .0770731 |
| #2     | .0768448 |
| #3     | .0685611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2292.565 | 28150.33 | 2755.187 | 1950.584 | 2574.259 |
| Stddev    | .729     | 113.39   | 10.630   | 13.635   | 3.781    |
| %RSD      | .0318184 | .4027921 | .3858071 | .6990274 | .1468737 |
| #1        | 2293.408 | 28044.64 | 2757.212 | 1949.297 | 2577.022 |
| #2        | 2292.132 | 28136.25 | 2764.659 | 1937.637 | 2575.804 |
| #3        | 2292.157 | 28270.10 | 2743.691 | 1964.817 | 2569.950 |



Sample Name: P5036-03      Acquired: 12/17/2024 1:01:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0810136 | .0236433 | .9333927 | -.012280 | .0220905 | 59.00537 |
| Stddev | .0014818 | .0040373 | .0070852 | .001569  | .0012424 | .13472   |
| %RSD   | 1.829127 | 17.07604 | .7590749 | 12.77972 | 5.624133 | .2283260 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0812139 | .0280791 | .9276385 | -.011651 | .0227945 | 59.14059 |
| #2 | .0794417 | .0201833 | .9312334 | -.014067 | .0206559 | 58.87114 |
| #3 | .0823850 | .0226675 | .9413063 | -.011123 | .0228209 | 59.00437 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.132890 | .0055604 | .0066386 | 113.3946 | .1119510 | .0906344 |
| Stddev | .000688  | .0001404 | .0001180 | .3033    | .0000651 | .0005503 |
| %RSD   | .0607097 | 2.524948 | 1.777262 | .2674599 | .0581180 | .6071438 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.132349 | .0055770 | .0066060 | 113.7096 | .1120251 | .0901504 |
| #2 | 1.132657 | .0056918 | .0065402 | 113.1046 | .1119244 | .0905198 |
| #3 | 1.133664 | .0054124 | .0067694 | 113.3696 | .1119035 | .0912329 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1989959 | 132.6627 | 6.572541 | 31.45866 | .1540993 | .0007730 |
| Stddev | .0106385 | .1997    | .001449  | .07786   | .0006499 | .0003089 |
| %RSD   | 5.346081 | .1505494 | .0220475 | .2474870 | .4217371 | 39.95657 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2052422 | 132.7459 | 6.572315 | 31.48765 | .1533898 | .0011159 |
| #2 | .2050332 | 132.4349 | 6.571219 | 31.51787 | .1546659 | .0005164 |
| #3 | .1867122 | 132.8074 | 6.574090 | 31.37047 | .1542420 | .0006869 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.312222 | .1513246 | 1.181918 | 3.617540 | F 14.13666 | .0311950 |
| Stddev | .561950  | .0021254 | .011365  | .067231  | .07382     | .0004000 |
| %RSD   | 24.30349 | 1.404510 | .9615619 | 1.858477 | .5222061   | 1.282272 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.858888 | .1505912 | 1.171221 | 3.591136 | 14.06849 | .0311472 |
| #2 | 2.341634 | .1496630 | 1.180684 | 3.567519 | 14.12643 | .0308210 |
| #3 | 1.736142 | .1537195 | 1.193850 | 3.693965 | 14.21507 | .0316167 |

Sample Name: P5036-03      Acquired: 12/17/2024 1:01:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046264 | 2.861460 | 8.200965 | .1710685 | .5372568 | .0931851 |
| Stddev | .0005560 | .018536  | .047064  | .0007200 | .0027504 | .0003364 |
| %RSD   | 12.01843 | .6477839 | .5738896 | .4208855 | .5119280 | .3610448 |
| #1     | .0051929 | 2.855193 | 8.255293 | .1711859 | .5388029 | .0933617 |
| #2     | .0040815 | 2.846869 | 8.172615 | .1702971 | .5340813 | .0933965 |
| #3     | .0046048 | 2.882317 | 8.174987 | .1717227 | .5388861 | .0927971 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0658698 |
| Stddev | .0052081 |
| %RSD   | 7.906699 |
| #1     | .0655291 |
| #2     | .0608404 |
| #3     | .0712399 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2425.713 | 29742.49 | 2950.590 | 2069.900 | 2647.115 |
| Stddev    | 9.668    | 101.88   | 22.187   | 9.927    | 12.350   |
| %RSD      | .3985468 | .3425312 | .7519620 | .4796020 | .4665542 |
| #1        | 2433.575 | 29746.55 | 2939.929 | 2066.773 | 2656.300 |
| #2        | 2428.644 | 29842.28 | 2976.096 | 2081.014 | 2651.969 |
| #3        | 2414.919 | 29638.64 | 2935.746 | 2061.913 | 2633.075 |

Sample Name: P5036-04      Acquired: 12/17/2024 1:05:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0952276 | .0295307 | .6415720 | -.016677 | .0256473 | 71.76738 | 1.307925 |
| Stddev | .0082438 | .0028976 | .0032863 | .001447  | .0012599 | .19440   | .001773  |
| %RSD   | 8.656970 | 9.812016 | .5122183 | 8.675604 | 4.912414 | .2708692 | .1355559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1044215 | .0272943 | .6407345 | -.017427 | .0268854 | 71.98087 | 1.309915 |
| #2 | .0927671 | .0284937 | .6387855 | -.017596 | .0256898 | 71.72066 | 1.306514 |
| #3 | .0884942 | .0328041 | .6451960 | -.015010 | .0243667 | 71.60059 | 1.307347 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063480 | .0058988 | 177.6124 | .1214058 | .1027827 | .1882927 | 153.9646 |
| Stddev | .0000384 | .0000581 | .2759    | .0011324 | .0011578 | .0040536 | .0282    |
| %RSD   | .6045488 | .9849809 | .1553343 | .9326944 | 1.126416 | 2.152841 | .0183355 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063534 | .0059351 | 177.8729 | .1227122 | .1017035 | .1837609 | 153.9972 |
| #2 | .0063072 | .0058318 | 177.6410 | .1207047 | .1026389 | .1915731 | 153.9488 |
| #3 | .0063834 | .0059294 | 177.3234 | .1208006 | .1040056 | .1895441 | 153.9477 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.299672 | 37.27355 | .1595444 | .0018022 | 1.800020 | .1779296 | .8423289 |
| Stddev | .014891  | .08455   | .0011333 | .0007861 | .250930  | .0035935 | .0004959 |
| %RSD   | .1794206 | .2268491 | .7103543 | 43.62008 | 13.94040 | 2.019589 | .0588779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.308676 | 37.26572 | .1591424 | .0019656 | 1.542488 | .1759824 | .8419119 |
| #2 | 8.282484 | 37.19318 | .1586668 | .0009472 | 1.813792 | .1757300 | .8421975 |
| #3 | 8.307856 | 37.36174 | .1608239 | .0024938 | 2.043781 | .1820764 | .8428773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.361235 | 9.128819 | .0321207 | .0043740 | 2.264723 | 9.451224 | .0554999 |
| Stddev | .181217  | .046203  | .0017664 | .0003732 | .004932  | .054941  | .0008042 |
| %RSD   | 4.155183 | .5061260 | 5.499225 | 8.531838 | .2177559 | .5813123 | 1.449012 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.318643 | 9.095859 | .0317160 | .0046409 | 2.259846 | 9.471152 | .0564098 |
| #2 | 4.205107 | 9.108967 | .0340543 | .0039476 | 2.264615 | 9.389100 | .0548842 |
| #3 | 4.559955 | 9.181630 | .0305917 | .0045335 | 2.269707 | 9.493420 | .0552058 |

Sample Name: P5036-04      Acquired: 12/17/2024 1:05:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7431154 | .1042696 | .0912661 |
| Stddev | .0003506 | .0006665 | .0013166 |
| %RSD   | .0471850 | .6392102 | 1.442537 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7428932 | .1043999 | .0918705 |
| #2 | .7429335 | .1035476 | .0897559 |
| #3 | .7435196 | .1048614 | .0921720 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2331.829 | 28568.45 | 2832.540 | 1981.758 | 2556.737 |
| Stddev    | 8.587    | 112.60   | 6.807    | 14.597   | 10.183   |
| %RSD      | .3682604 | .3941344 | .2403016 | .7365833 | .3982721 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2331.698 | 28591.18 | 2832.540 | 1983.823 | 2559.335 |
| #2 | 2340.481 | 28446.23 | 2839.346 | 1966.238 | 2565.370 |
| #3 | 2323.308 | 28667.95 | 2825.733 | 1995.212 | 2545.508 |

Sample Name: P5036-06      Acquired: 12/17/2024 1:13:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0283517 | .0295664 | .0954599 | -.033157 | .0105332 | 53.42175 | .5273392 |
| Stddev | .0031244 | .0015643 | .0038483 | .002023  | .0018768 | .10905   | .0026896 |
| %RSD   | 11.02017 | 5.290736 | 4.031301 | 6.100944 | 17.81812 | .2041295 | .5100286 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0255515 | .0312870 | .0963174 | -.031115 | .0088579 | 53.54278 | .5304420 |
| #2 | .0317219 | .0282300 | .0912551 | -.033196 | .0101802 | 53.39135 | .5256732 |
| #3 | .0277818 | .0291823 | .0988070 | -.035160 | .0125615 | 53.33113 | .5259023 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041305 | .0018222 | 535.5236 | .0862513 | .0950315 | .0804451 | 116.8720 |
| Stddev | .0001053 | .0000738 | .1446    | .0003143 | .0004148 | .0010026 | .3397    |
| %RSD   | 2.550297 | 4.048264 | .0269955 | .3644022 | .4365361 | 1.246260 | .2906633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041486 | .0018854 | 535.6665 | .0860324 | .0946285 | .0814788 | 116.4891 |
| #2 | .0042257 | .0017411 | 535.3775 | .0861100 | .0950087 | .0794769 | 116.9899 |
| #3 | .0040173 | .0018402 | 535.5269 | .0866115 | .0954572 | .0803795 | 117.1370 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.212527 | 86.55273 | .1359803 | -.000706 | 1.917085 | .1353271 | .2087432 |
| Stddev | .004990  | .13718   | .0006231 | .000653  | .477714  | .0128852 | .0041648 |
| %RSD   | .1553244 | .1584917 | .4582542 | 92.46031 | 24.91876 | 9.521529 | 1.995160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.208184 | 86.50043 | .1365750 | -.001438 | 1.891722 | .1260942 | .2105210 |
| #2 | 3.211418 | 86.44940 | .1360338 | -.000182 | 1.452558 | .1298393 | .2039846 |
| #3 | 3.217977 | 86.70837 | .1353322 | -.000499 | 2.406975 | .1500477 | .2117240 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.158687 | 7.057541 | .0266512 | .0015968 | .9779718 | 7.881827 | .0218682 |
| Stddev | .080923  | .026474  | .0019889 | .0003601 | .0022435 | .020049  | .0023534 |
| %RSD   | 2.561911 | .3751160 | 7.462795 | 22.55266 | .2294079 | .2543669 | 10.76184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.193102 | 7.044590 | .0277462 | .0014854 | .9785279 | 7.902834 | .0232333 |
| #2 | 3.066245 | 7.040035 | .0278520 | .0019995 | .9755025 | 7.862899 | .0191507 |
| #3 | 3.216714 | 7.087997 | .0243554 | .0013055 | .9798851 | 7.879748 | .0232206 |

Sample Name: P5036-06      Acquired: 12/17/2024 1:13:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8964011 | .4951372 | .0714589 |
| Stddev | .0069080 | .0014767 | .0033968 |
| %RSD   | .7706328 | .2982370 | 4.753552 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8941239 | .4938709 | .0679317 |
| #2 | .8909193 | .4947815 | .0717366 |
| #3 | .9041602 | .4967593 | .0747083 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2186.981 | 26783.23 | 2708.245 | 1845.817 | 2353.127 |
| Stddev    | 6.159    | 117.57   | 4.609    | 13.930   | 3.577    |
| %RSD      | .2816106 | .4389818 | .1701950 | .7547048 | .1520277 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2193.394 | 26903.57 | 2713.150 | 1861.161 | 2355.443 |
| #2 | 2186.436 | 26668.64 | 2704.004 | 1833.964 | 2354.932 |
| #3 | 2181.112 | 26777.47 | 2707.580 | 1842.325 | 2349.007 |

Sample Name: P5036-08      Acquired: 12/17/2024 1:20:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0451316 | .0431714 | .1235140 | -.036539 | .0094823 | 40.39872 | .4578411 |
| Stddev | .0019248 | .0030427 | .0034757 | .006059  | .0027315 | .09040   | .0026956 |
| %RSD   | 4.264821 | 7.047989 | 2.814011 | 16.58146 | 28.80686 | .2237726 | .5887728 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0439797 | .0421981 | .1225027 | -.041617 | .0125934 | 40.33687 | .4572100 |
| #2 | .0473537 | .0407344 | .1206561 | -.029832 | .0083762 | 40.35682 | .4555170 |
| #3 | .0440615 | .0465817 | .1273832 | -.038168 | .0074772 | 40.50247 | .4607963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035275 | .0024254 | 714.6805 | .0590145 | .0989522 | .1481589 | 120.6877 |
| Stddev | .0000616 | .0002143 | .7801    | .0011874 | .0005449 | .0018991 | .4347    |
| %RSD   | 1.746772 | 8.836892 | .1091566 | 2.012110 | .5506534 | 1.281788 | .3601998 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035325 | .0023831 | 714.9079 | .0600483 | .0995550 | .1494065 | 120.8450 |
| #2 | .0034635 | .0026577 | 713.8119 | .0592776 | .0988070 | .1459734 | 120.1962 |
| #3 | .0035865 | .0022354 | 715.3216 | .0577175 | .0984947 | .1490970 | 121.0219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.734783 | 135.7740 | .1212854 | .0004607 | 2.457290 | .1021077 | .2618493 |
| Stddev | .027790  | .4043    | .0009058 | .0006103 | .391462  | .0092855 | .0029864 |
| %RSD   | .3592832 | .2977619 | .7468377 | 132.4832 | 15.93064 | 9.093875 | 1.140490 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.741598 | 135.8043 | .1222721 | .0007925 | 2.117733 | .1043241 | .2633341 |
| #2 | 7.704220 | 135.3554 | .1204915 | .0008332 | 2.885464 | .0919144 | .2638023 |
| #3 | 7.758532 | 136.1623 | .1210926 | -.000244 | 2.368673 | .1100844 | .2584116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.204136 | 8.276692 | .0331014 | .0036417 | .7654214 | 6.777854 | .0203704 |
| Stddev | .009249  | .026203  | .0012598 | .0003440 | .0029735 | .039795  | .0010037 |
| %RSD   | .4196183 | .3165836 | 3.805898 | 9.446222 | .3884805 | .5871371 | 4.927070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.208909 | 8.254972 | .0319479 | .0040124 | .7678428 | 6.822249 | .0198865 |
| #2 | 2.210023 | 8.269310 | .0344457 | .0035799 | .7621026 | 6.745386 | .0197005 |
| #3 | 2.193475 | 8.305793 | .0329105 | .0033328 | .7663190 | 6.765928 | .0215244 |

Sample Name: P5036-08      Acquired: 12/17/2024 1:20:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5649534 | .6883833 | .0477330 |
| Stddev | .0052888 | .0025867 | .0014349 |
| %RSD   | .9361468 | .3757672 | 3.006007 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5592755 | .6871907 | .0465627 |
| #2 | .5658452 | .6866081 | .0473026 |
| #3 | .5697397 | .6913512 | .0493339 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2146.249 | 26391.29 | 2681.538 | 1825.957 | 2316.349 |
| Stddev    | 6.101    | 53.35    | 11.365   | 8.357    | 6.106    |
| %RSD      | .2842581 | .2021405 | .4238362 | .4576863 | .2636129 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2152.004 | 26447.93 | 2670.291 | 1831.272 | 2323.344 |
| #2 | 2146.888 | 26342.00 | 2693.018 | 1816.324 | 2313.623 |
| #3 | 2139.853 | 26383.94 | 2681.307 | 1830.275 | 2312.081 |



Sample Name: P5036-07      Acquired: 12/17/2024 1:16:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0424497 | .0424710 | .1211987 | -.032388 | .0128278 | 40.28875 | .4539539 |
| Stddev | .0067310 | .0021937 | .0017707 | .002616  | .0028821 | .06648   | .0006532 |
| %RSD   | 15.85650 | 5.165226 | 1.460981 | 8.077608 | 22.46766 | .1649966 | .1439028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0393766 | .0428678 | .1195921 | -.029479 | .0133833 | 40.21849 | .4544122 |
| #2 | .0378038 | .0401060 | .1209068 | -.033140 | .0153918 | 40.35066 | .4542437 |
| #3 | .0501689 | .0444393 | .1230972 | -.034547 | .0097084 | 40.29711 | .4532059 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030992 | .0024799 | 710.9824 | .0591193 | .0980189 | .1466774 | 120.0854 |
| Stddev | .0000800 | .0000245 | 1.1141   | .0005767 | .0009669 | .0092695 | .1454    |
| %RSD   | 2.581426 | .9859417 | .1566926 | .9754430 | .9864082 | 6.319681 | .1210528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030380 | .0024757 | 711.4931 | .0596698 | .0971846 | .1367311 | 120.0117 |
| #2 | .0030698 | .0024579 | 709.7046 | .0591685 | .0977936 | .1482259 | 119.9917 |
| #3 | .0031897 | .0025062 | 711.7496 | .0585196 | .0990786 | .1550752 | 120.2529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.703487 | 134.9346 | .1212511 | .0010439 | 2.661083 | .1056248 | .2604047 |
| Stddev | .006338  | .3289    | .0009346 | .0016621 | .486322  | .0077692 | .0126376 |
| %RSD   | .0822702 | .2437510 | .7707522 | 159.2231 | 18.27534 | 7.355440 | 4.853072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.702068 | 135.3126 | .1207819 | -.000815 | 2.267697 | .1145340 | .2576970 |
| #2 | 7.697980 | 134.7779 | .1206441 | .002387  | 3.204827 | .1002595 | .2493404 |
| #3 | 7.710414 | 134.7134 | .1223272 | .001560  | 2.510725 | .1020809 | .2741768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.148799 | 8.274433 | .0350903 | .0035711 | .7742856 | 6.625285 | .0210855 |
| Stddev | .031381  | .035377  | .0017620 | .0003903 | .0094036 | .052368  | .0007264 |
| %RSD   | 1.460405 | .4275464 | 5.021304 | 10.93057 | 1.214489 | .7904286 | 3.444905 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.173971 | 8.254975 | .0354194 | .0038916 | .7711842 | 6.592676 | .0203960 |
| #2 | 2.113640 | 8.253056 | .0331870 | .0036855 | .7668245 | 6.685691 | .0210165 |
| #3 | 2.158785 | 8.315268 | .0366646 | .0031364 | .7848482 | 6.597488 | .0218439 |

Sample Name: P5036-07      Acquired: 12/17/2024 1:16:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5559810 | .6859641 | .0462204 |
| Stddev | .0030685 | .0008280 | .0024558 |
| %RSD   | .5519134 | .1207056 | 5.313316 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5593552 | .6862189 | .0444932 |
| #2 | .5552305 | .6850387 | .0490317 |
| #3 | .5533574 | .6866348 | .0451362 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2157.805 | 26462.47 | 2707.111 | 1831.797 | 2329.476 |
| Stddev    | 7.405    | 154.27   | 10.527   | 6.911    | 9.540    |
| %RSD      | .3431948 | .5829670 | .3888750 | .3772833 | .4095288 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2161.226 | 26288.50 | 2710.027 | 1825.739 | 2332.977 |
| #2 | 2162.882 | 26582.61 | 2695.433 | 1839.325 | 2336.771 |
| #3 | 2149.308 | 26516.31 | 2715.873 | 1830.327 | 2318.680 |

Sample Name: CCV045      Acquired: 12/17/2024 1:24:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.913418 | 4.602814 | 24.26642 | 4.915844 | 5.107209 | 396.9255 | 10.01147 |
| Stddev | .021234  | .001810  | .07167   | .021501  | .021663  | .0945    | .01289   |
| %RSD   | .4321664 | .0393205 | .2953284 | .4373816 | .4241681 | .0238069 | .1287783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.920666 | 4.604787 | 24.28558 | 4.891369 | 5.109294 | 396.8931 | 10.02126 |
| #2 | 4.889509 | 4.601231 | 24.18712 | 4.924472 | 5.084578 | 397.0320 | 9.99686  |
| #3 | 4.930079 | 4.602424 | 24.32656 | 4.931690 | 5.127753 | 396.8515 | 10.01630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5015254 | 2.458743 | 392.7420 | 15.25145 | 2.526298 | 14.71728 | 390.9340 |
| Stddev | .0026449 | .006381  | .2057    | .00824   | .010330  | .06412   | .3700    |
| %RSD   | .5273712 | .2595047 | .0523787 | .0540144 | .4088989 | .4356942 | .0946497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5032659 | 2.458408 | 392.9168 | 15.26091 | 2.526369 | 14.66836 | 391.3049 |
| #2 | .5028285 | 2.452536 | 392.5153 | 15.24760 | 2.515933 | 14.78988 | 390.5649 |
| #3 | .4984818 | 2.465284 | 392.7939 | 15.24584 | 2.536593 | 14.69362 | 390.9324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.82362 | 396.6231 | 2.490383 | 1.251362 | 409.9425 | 2.454728 | 14.86426 |
| Stddev | .03206   | .4155    | .008684  | .000280  | .6319    | .008853  | .12005   |
| %RSD   | .2162621 | .1047675 | .3487216 | .0223686 | .1541512 | .3606336 | .8076267 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.85109 | 397.0219 | 2.492830 | 1.251684 | 410.5434 | 2.451594 | 14.78780 |
| #2 | 14.78839 | 396.1926 | 2.480737 | 1.251179 | 409.2835 | 2.464722 | 14.80234 |
| #3 | 14.83137 | 396.6547 | 2.497581 | 1.251223 | 410.0005 | 2.447870 | 15.00262 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.0325 | 4.917321 | 4.925946 | 4.618080 | 4.999297 | 4.877958 | 4.929239 |
| Stddev | .3037    | .023420  | .016191  | .017624  | .018270  | .026223  | .012321  |
| %RSD   | .1997737 | .4762719 | .3286887 | .3816407 | .3654466 | .5375714 | .2499621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.8386 | 4.915570 | 4.944465 | 4.611856 | 4.999168 | 4.902522 | 4.934284 |
| #2 | 151.8764 | 4.894826 | 4.918908 | 4.604411 | 4.981092 | 4.881009 | 4.915195 |
| #3 | 152.3826 | 4.941567 | 4.914465 | 4.637972 | 5.017631 | 4.850344 | 4.938236 |

Sample Name: CCV045      Acquired: 12/17/2024 1:24:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV045      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.965109 | 4.867394 | 4.898183 |
| Stddev | .006889  | .007012  | .004653  |
| %RSD   | .1387558 | .1440631 | .0949884 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.971108 | 4.872822 | 4.895179 |
| #2 | 4.957585 | 4.859477 | 4.895827 |
| #3 | 4.966635 | 4.869883 | 4.903542 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1651.254 | 22020.75 | 2308.809 | 1418.775 | 2118.007 |
| Stddev    | 3.075    | 51.54    | 3.803    | 9.130    | 2.021    |
| %RSD      | .1861995 | .2340339 | .1647331 | .6435035 | .0954365 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1654.016 | 22052.65 | 2306.310 | 1424.796 | 2117.920 |
| #2 | 1651.804 | 22048.32 | 2306.931 | 1423.259 | 2120.071 |
| #3 | 1647.941 | 21961.30 | 2313.186 | 1408.270 | 2116.031 |

Sample Name: P5036-07LX5      Acquired: 12/17/2024 1:35:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047425 | .0243260 | .0347405 | -.029391 | -.003771 | 8.776038 | .0949474 |
| Stddev | .0028403 | .0014213 | .0013226 | .005180  | .000023  | .042197  | .0006447 |
| %RSD   | 59.89066 | 5.842839 | 3.806998 | 17.62357 | .6155591 | .4808196 | .6790184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025992 | .0226949 | .0349495 | -.029663 | -.003793 | 8.821837 | .0947562 |
| #2 | .0036643 | .0252995 | .0359461 | -.034430 | -.003747 | 8.738736 | .0944200 |
| #3 | .0079641 | .0249835 | .0333259 | -.024081 | -.003773 | 8.767542 | .0956661 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006871 | .0004653 | 157.0522 | .0140530 | .0422682 | .0364411 | 26.81270 |
| Stddev | .0001184 | .0001044 | .6380    | .0006162 | .0002520 | .0101540 | .12034   |
| %RSD   | 17.22404 | 22.44254 | .4062610 | 4.384574 | .5961238 | 27.86413 | .4488179 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006893 | .0004147 | 157.3511 | .0133712 | .0425255 | .0247670 | 26.94078 |
| #2 | .0005677 | .0003958 | 156.3195 | .0145702 | .0420219 | .0413347 | 26.70198 |
| #3 | .0008044 | .0005854 | 157.4859 | .0142175 | .0422572 | .0432215 | 26.79533 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.729152 | 30.41346 | .0219533 | -.001180 | 1.874492 | .0239230 | .0436406 |
| Stddev | .013692  | .27383   | .0005240 | .000893  | 1.175066 | .0039367 | .0108304 |
| %RSD   | .7918401 | .9003695 | 2.387104 | 75.63821 | 62.68719 | 16.45567 | 24.81714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.738886 | 30.62605 | .0225021 | -.000710 | .625429  | .0282840 | .0395934 |
| #2 | 1.713495 | 30.10446 | .0218996 | -.000621 | 2.040043 | .0228533 | .0354168 |
| #3 | 1.735075 | 30.50986 | .0214581 | -.002209 | 2.958003 | .0206317 | .0559118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6212293 | 1.620275 | .0076010 | .0013764 | .1675540 | 1.503362 | .0044525 |
| Stddev | .0635079 | .007386  | .0012865 | .0002708 | .0034112 | .026719  | .0010701 |
| %RSD   | 10.22294 | .4558678 | 16.92555 | 19.67199 | 2.035886 | 1.777264 | 24.03300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5773020 | 1.614946 | .0062782 | .0014941 | .1641814 | 1.533912 | .0041536 |
| #2 | .5923397 | 1.617173 | .0088479 | .0010667 | .1710026 | 1.491814 | .0035637 |
| #3 | .6940461 | 1.628707 | .0076769 | .0015684 | .1674780 | 1.484360 | .0056403 |

Sample Name: P5036-07LX5      Acquired: 12/17/2024 1:35:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1205547 | .1493015 | -.002256 |
| Stddev | .0025392 | .0010520 | .003206  |
| %RSD   | 2.106228 | .7046169 | 142.0828 |
| #1     | .1226019 | .1503731 | -.003788 |
| #2     | .1213487 | .1482702 | .001428  |
| #3     | .1177134 | .1492613 | -.004408 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2026.493 | 24836.42 | 2471.551 | 1710.131 | 2488.305 |
| Stddev    | 7.557    | 203.75   | 22.087   | 16.321   | 7.970    |
| %RSD      | .3729327 | .8203768 | .8936664 | .9543721 | .3202877 |
| #1        | 2020.648 | 25064.01 | 2446.396 | 1726.864 | 2488.947 |
| #2        | 2035.027 | 24774.30 | 2487.773 | 1709.272 | 2495.934 |
| #3        | 2023.804 | 24670.96 | 2480.483 | 1694.256 | 2480.033 |

Sample Name: CCB045      Acquired: 12/17/2024 1:31:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015239 | .0033652 | .0015100 | .0006770 | .0012768 | .0012161 | -.004737 |
| Stddev | .0009253 | .0008046 | .0006505 | .0004438 | .0009465 | .0179039 | .000996  |
| %RSD   | 60.71565 | 23.90950 | 43.08270 | 65.54514 | 74.13408 | 1472.281 | 21.02222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018011 | .0024377 | .0022600 | .0010212 | .0016056 | -.008529 | -.003931 |
| #2 | .0022789 | .0037824 | .0010986 | .0001762 | .0020150 | -.009701 | -.004430 |
| #3 | .0004917 | .0038756 | .0011714 | .0008337 | .0002097 | .021879  | -.005850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000071 | -.000025 | .0024478 | .0008987 | -.000036 | -.003643 | -.004532 |
| Stddev | .000136  | .000025  | .0480201 | .0011716 | .000028  | .004231  | .004832  |
| %RSD   | 192.4623 | 99.38127 | 1961.779 | 130.3660 | 77.31436 | 116.1252 | 106.6242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000115 | -.000053 | -.051033 | -.000274 | -.000004 | -.007105 | -.003379 |
| #2 | -.000178 | -.000019 | .016510  | .000900  | -.000052 | -.004898 | -.009835 |
| #3 | .000082  | -.000004 | .041867  | .002070  | -.000053 | .001073  | -.000380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000630 | .0246511 | .0003316 | -.001903 | 2.613751 | -.001911 | -.014649 |
| Stddev | .0022112 | .0594177 | .0007506 | .000697  | 1.190447 | .003419  | .007779  |
| %RSD   | 3507.960 | 241.0351 | 226.3982 | 36.62044 | 45.54555 | 178.9306 | 53.10078 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001702 | .0765247 | -.000033 | -.001987 | 3.414566 | .001098  | -.023548 |
| #2 | -.000652 | -.040174 | -.000167 | -.002553 | 1.245777 | -.005629 | -.011256 |
| #3 | .002543  | .037603  | .001195  | -.001168 | 3.180910 | -.001201 | -.009143 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6542945 | .0059309 | .0069556 | -.000311 | -.000260 | .0001196 | .0019343 |
| Stddev | .1555192 | .0012824 | .0009534 | .000298  | .002712  | .0004415 | .0010566 |
| %RSD   | 23.76900 | 21.62316 | 13.70655 | 95.84105 | 1042.413 | 369.0526 | 54.62472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7670940 | .0044510 | .0073249 | -.000010 | -.000187 | .0005512 | .0010191 |
| #2 | .7189047 | .0067175 | .0058729 | -.000607 | .002414  | .0001388 | .0030907 |
| #3 | .4768847 | .0066241 | .0076692 | -.000317 | -.003008 | -.000331 | .0016933 |

Sample Name: CCB045      Acquired: 12/17/2024 1:31:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000308 | .0001249 | -.011425 |
| Stddev | .004973  | .0001652 | .002997  |
| %RSD   | 1613.818 | 132.3189 | 26.23197 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004751 | -.000034 | -.014886 |
| #2 | .005064  | .000296  | -.009691 |
| #3 | -.001237 | .000112  | -.009698 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1965.758 | 24055.54 | 2339.090 | 1666.874 | 2576.959 |
| Stddev    | 6.432    | 211.99   | 11.813   | 11.404   | 8.811    |
| %RSD      | .3272179 | .8812490 | .5050387 | .6841611 | .3419325 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1967.660 | 23843.97 | 2347.677 | 1657.016 | 2584.382 |
| #2 | 1958.589 | 24054.70 | 2325.618 | 1664.242 | 2567.221 |
| #3 | 1971.025 | 24267.95 | 2343.974 | 1679.364 | 2579.273 |



Sample Name: P5036-09      Acquired: 12/17/2024 1:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1265974 | .1301493 | .1609532 | .1082848 | .1674770 | 42.85633 | 4.085224 |
| Stddev | .0012669 | .0023007 | .0010297 | .0013094 | .0026967 | .14705   | .003610  |
| %RSD   | 1.000754 | 1.767726 | .6397387 | 1.209217 | 1.610176 | .3431226 | .0883701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1255736 | .1280208 | .1604484 | .1067811 | .1647871 | 42.98412 | 4.089350 |
| #2 | .1280142 | .1325902 | .1602733 | .1088999 | .1674636 | 42.88927 | 4.083674 |
| #3 | .1262043 | .1298370 | .1621379 | .1091734 | .1701804 | 42.69561 | 4.082648 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0943725 | .1002060 | 691.9975 | .4311621 | 1.099587 | .5540810 | 118.3500 |
| Stddev | .0003714 | .0002473 | .3434    | .0017276 | .001460  | .0040218 | .1718    |
| %RSD   | .3935061 | .2467946 | .0496210 | .4006925 | .1328126 | .7258505 | .1451521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0941112 | .1001752 | 691.9647 | .4326861 | 1.099494 | .5563421 | 118.5343 |
| #2 | .0947976 | .0999755 | 691.6717 | .4292853 | 1.098175 | .5564634 | 118.1942 |
| #3 | .0942087 | .1004672 | 692.3561 | .4315150 | 1.101091 | .5494376 | 118.3215 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.325862 | 131.8153 | 1.112539 | .0702864 | 2.213031 | 1.002796 | 1.078863 |
| Stddev | .006782  | .2468    | .003289  | .0006527 | .317843  | .004746  | .013195  |
| %RSD   | .0814577 | .1872365 | .2956668 | .9286358 | 14.36234 | .4733061 | 1.223073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.320604 | 131.8163 | 1.115336 | .0698428 | 1.857449 | 1.006971 | 1.085390 |
| #2 | 8.323466 | 131.5680 | 1.108915 | .0710358 | 2.469532 | 1.003783 | 1.063677 |
| #3 | 8.333517 | 132.0616 | 1.113367 | .0699805 | 2.312112 | .997633  | 1.087523 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.162608 | 7.996225 | .0426824 | .0033886 | .7460405 | 6.573629 | .0184648 |
| Stddev | .072259  | .008823  | .0027641 | .0006433 | .0057804 | .013495  | .0011328 |
| %RSD   | 3.341281 | .1103342 | 6.475916 | 18.98528 | .7748082 | .2052939 | 6.135046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.161026 | 8.006305 | .0410809 | .0034487 | .7501484 | 6.559252 | .0190913 |
| #2 | 2.091153 | 7.989912 | .0458741 | .0027173 | .7394306 | 6.575614 | .0171571 |
| #3 | 2.235644 | 7.992456 | .0410922 | .0039998 | .7485425 | 6.586022 | .0191460 |

Sample Name: P5036-09      Acquired: 12/17/2024 1:39:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF8S      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5440508 | .6631816 | .0482255 |
| Stddev | .0033049 | .0005100 | .0014995 |
| %RSD   | .6074696 | .0769031 | 3.109250 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5477133 | .6637095 | .0490800 |
| #2 | .5431483 | .6626917 | .0491024 |
| #3 | .5412910 | .6631436 | .0464941 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2169.320 | 26830.16 | 2718.414 | 1842.634 | 2347.214 |
| Stddev    | 3.437    | 152.70   | 2.217    | 4.935    | 6.229    |
| %RSD      | .1584499 | .5691532 | .0815540 | .2678143 | .2653886 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2165.361 | 26688.86 | 2720.410 | 1841.848 | 2342.221 |
| #2 | 2171.067 | 26992.16 | 2718.804 | 1847.915 | 2345.227 |
| #3 | 2171.534 | 26809.47 | 2716.028 | 1838.140 | 2354.194 |

Sample Name: P5036-10      Acquired: 12/17/2024 1:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0342318 | .0307696 | .0877633 | -.031758 | .0145147 | 47.39659 | .4442548 |
| Stddev | .0022867 | .0011385 | .0005408 | .004708  | .0021954 | .27408   | .0025895 |
| %RSD   | 6.680069 | 3.699946 | .6161751 | 14.82312 | 15.12523 | .5782770 | .5828824 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0320732 | .0308224 | .0875112 | -.026335 | .0167031 | 47.08136 | .4412921 |
| #2 | .0366280 | .0318807 | .0883841 | -.034794 | .0145285 | 47.52987 | .4460858 |
| #3 | .0339942 | .0296056 | .0873946 | -.034144 | .0123124 | 47.57855 | .4453864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037119 | .0019031 | 417.6116 | .0691135 | .1020491 | .1177994 | 123.0214 |
| Stddev | .0000995 | .0000094 | 2.4434   | .0002995 | .0005256 | .0123869 | .9164    |
| %RSD   | 2.679598 | .4951499 | .5850927 | .4333755 | .5150169 | 10.51528 | .7449096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036126 | .0018923 | 414.7948 | .0688036 | .1025388 | .1040496 | 122.0093 |
| #2 | .0038115 | .0019097 | 419.1587 | .0691353 | .1014938 | .1280867 | 123.7949 |
| #3 | .0037117 | .0019074 | 418.8815 | .0694015 | .1021148 | .1212618 | 123.2600 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.930622 | 93.63042 | .1439201 | .0002806 | 2.405886 | .1188436 | .2351441 |
| Stddev | .028623  | .84174   | .0010059 | .0003251 | .790100  | .0016700 | .0096246 |
| %RSD   | .5805217 | .8990053 | .6989192 | 115.8318 | 32.84027 | 1.405193 | 4.093052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.897918 | 92.67886 | .1448873 | .0003094 | 2.274507 | .1194766 | .2462346 |
| #2 | 4.942840 | 94.27773 | .1428795 | .0005904 | 3.253441 | .1169496 | .2302169 |
| #3 | 4.951109 | 93.93469 | .1439935 | -.000058 | 1.689712 | .1201045 | .2289807 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.911461 | 5.330298 | .0293689 | .0013633 | .4876845 | 6.543043 | .0183101 |
| Stddev | .070635  | .013543  | .0018891 | .0004402 | .0020281 | .095992  | .0006310 |
| %RSD   | 3.695359 | .2540710 | 6.432327 | 32.29194 | .4158668 | 1.467083 | 3.446331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.844340 | 5.339240 | .0304478 | .0012793 | .4892343 | 6.442132 | .0178983 |
| #2 | 1.904892 | 5.314717 | .0271876 | .0009712 | .4884302 | 6.553787 | .0190366 |
| #3 | 1.985152 | 5.336937 | .0304712 | .0018396 | .4853892 | 6.633212 | .0179955 |

Sample Name: P5036-10      Acquired: 12/17/2024 1:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7265189 | .4699849 | .0554263 |
| Stddev | .0043718 | .0026664 | .0047971 |
| %RSD   | .6017436 | .5673296 | 8.654865 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7231414 | .4670537 | .0608026 |
| #2 | .7314568 | .4722663 | .0515835 |
| #3 | .7249584 | .4706348 | .0538928 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2184.477 | 26947.91 | 2692.759 | 1858.617 | 2449.870 |
| Stddev    | 8.363    | 175.30   | 24.708   | 10.553   | 8.436    |
| %RSD      | .3828290 | .6505006 | .9175895 | .5678123 | .3443612 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2175.613 | 26783.52 | 2719.465 | 1846.505 | 2440.526 |
| #2 | 2192.227 | 26927.83 | 2688.103 | 1865.831 | 2456.928 |
| #3 | 2185.591 | 27132.38 | 2670.710 | 1863.516 | 2452.156 |

Sample Name: P5036-12      Acquired: 12/17/2024 1:51:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1434918 | .0730206 | 1.626659 | -.014406 | .0267631 | 80.82833 |
| Stddev | .0022875 | .0012285 | .007536  | .001039  | .0040135 | .09293   |
| %RSD   | 1.594147 | 1.682371 | .4632810 | 7.211368 | 14.99641 | .1149738 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1461184 | .0741995 | 1.621678 | -.015560 | .0290059 | 80.81060 |
| #2 | .1419373 | .0717479 | 1.622971 | -.013546 | .0291538 | 80.92885 |
| #3 | .1424196 | .0731146 | 1.635329 | -.014111 | .0221294 | 80.74554 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.667700 | .0064791 | .0088000 | 436.3511 | .1039582 | .1571606 |
| Stddev | .002258  | .0000956 | .0000907 | .9923    | .0004896 | .0008800 |
| %RSD   | .0846319 | 1.475024 | 1.031087 | .2274123 | .4709738 | .5599246 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.670153 | .0063893 | .0089036 | 436.4461 | .1042260 | .1563246 |
| #2 | 2.667237 | .0064685 | .0087347 | 437.2926 | .1033931 | .1580788 |
| #3 | 2.665710 | .0065796 | .0087616 | 435.3147 | .1042555 | .1570784 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2853040 | 178.5380 | 25.05776 | 58.26837 | .1821697 | .0050787 |
| Stddev | .0030317 | .2798    | .01563   | .10559   | .0014946 | .0011485 |
| %RSD   | 1.062618 | .1566965 | .0623830 | .1812139 | .8204373 | 22.61319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2873198 | 178.5857 | 25.07578 | 58.37969 | .1820529 | .0037962 |
| #2 | .2867748 | 178.2375 | 25.04968 | 58.25578 | .1807369 | .0060120 |
| #3 | .2818175 | 178.7909 | 25.04783 | 58.16964 | .1837192 | .0054278 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 10.05266 | .1644880 | .7391581 | 5.975039 | F 16.79648 | .1031586 |
| Stddev | .65569   | .0031932 | .0038580 | .071137  | .07620     | .0013945 |
| %RSD   | 6.522598 | 1.941266 | .5219432 | 1.190577 | .4536796   | 1.351831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.31414  | .1608914 | .7434365 | 5.902778 | 16.74939 | .1030019 |
| #2 | 10.56641 | .1669896 | .7359440 | 5.977343 | 16.75565 | .1018491 |
| #3 | 10.27743 | .1655830 | .7380937 | 6.044997 | 16.88440 | .1046249 |

Sample Name: P5036-12      Acquired: 12/17/2024 1:51:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068511 | 7.883433 | 7.535479 | .0476163 | .4148692 | 1.023407 |
| Stddev | .0002118 | .032137  | .032389  | .0000727 | .0024143 | .001118  |
| %RSD   | 3.091861 | .4076504 | .4298258 | .1526670 | .5819337 | .1092211 |
| #1     | .0067029 | 7.854946 | 7.504923 | .0476800 | .4166807 | 1.024680 |
| #2     | .0070937 | 7.877083 | 7.532081 | .0475371 | .4157985 | 1.022957 |
| #3     | .0067566 | 7.918271 | 7.569434 | .0476317 | .4121283 | 1.022585 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0362155 |
| Stddev | .0015447 |
| %RSD   | 4.265226 |
| #1     | .0379216 |
| #2     | .0358131 |
| #3     | .0349119 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2432.891 | 29758.30 | 3008.884 | 2063.829 | 2438.553 |
| Stddev    | 8.972    | 112.77   | 6.218    | 5.840    | 14.967   |
| %RSD      | .3687728 | .3789650 | .2066437 | .2829803 | .6137499 |
| #1        | 2439.625 | 29661.30 | 3010.423 | 2059.841 | 2450.290 |
| #2        | 2436.342 | 29882.04 | 3014.188 | 2070.533 | 2443.671 |
| #3        | 2422.706 | 29731.55 | 3002.041 | 2061.113 | 2421.699 |

Sample Name: P5036-11      Acquired: 12/17/2024 1:47:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1163846 | .0183369 | 2.766356 | .0004399 | .0327255 | 63.38096 | 1.775008 |
| Stddev | .0037900 | .0013864 | .009477  | .0025923 | .0020824 | .26548   | .007845  |
| %RSD   | 3.256482 | 7.560963 | .3425906 | 589.3164 | 6.363356 | .4188670 | .4419658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1179118 | .0167457 | 2.757003 | -.002439 | .0349914 | 63.21817 | 1.771899 |
| #2 | .1120692 | .0189800 | 2.766112 | .002590  | .0322896 | 63.68731 | 1.783931 |
| #3 | .1191727 | .0192850 | 2.775953 | .001168  | .0308955 | 63.23740 | 1.769194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064046 | .0094789 | 52.16209 | .1350192 | .1028372 | .4503805 | 161.1315 |
| Stddev | .0000975 | .0001908 | .13622   | .0003722 | .0007466 | .0044551 | .8562    |
| %RSD   | 1.522919 | 2.012631 | .2611538 | .2756868 | .7259784 | .9891977 | .5313366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065145 | .0093398 | 52.09724 | .1350846 | .1021671 | .4452367 | 160.3726 |
| #2 | .0063283 | .0094005 | 52.31862 | .1353543 | .1027025 | .4530131 | 162.0596 |
| #3 | .0063711 | .0096964 | 52.07041 | .1346185 | .1036419 | .4528919 | 160.9622 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.101323 | 21.39266 | .1795228 | .0044354 | 2.251242 | .1974436 | 2.174845 |
| Stddev | .037367  | .09709   | .0014497 | .0003907 | .333093  | .0041940 | .014961  |
| %RSD   | .4105638 | .4538674 | .8075383 | 8.809372 | 14.79596 | 2.124168 | .6879141 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.098247 | 21.37798 | .1803983 | .0047146 | 2.435257 | .2007621 | 2.190105 |
| #2 | 9.140133 | 21.49626 | .1778494 | .0039889 | 2.451733 | .1988389 | 2.174228 |
| #3 | 9.065590 | 21.30374 | .1803207 | .0046027 | 1.866737 | .1927297 | 2.160202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.024680 | 8.163707 | .0407425 | .0056834 | 4.501374 | 8.055828 | .1804227 |
| Stddev | .116020  | .032725  | .0011259 | .0003070 | .020217  | .022019  | .0008408 |
| %RSD   | 3.835764 | .4008645 | 2.763472 | 5.400946 | .4491396 | .2733267 | .4660280 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.893854 | 8.144123 | .0395365 | .0060228 | 4.494176 | 8.036813 | .1813927 |
| #2 | 3.065116 | 8.145512 | .0417660 | .0054251 | 4.485740 | 8.050721 | .1799732 |
| #3 | 3.115071 | 8.201487 | .0409251 | .0056024 | 4.524205 | 8.079952 | .1799022 |

Sample Name: P5036-11      Acquired: 12/17/2024 1:47:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7680757 | .0088201 | .0591815 |
| Stddev | .0011814 | .0005221 | .0038531 |
| %RSD   | .1538128 | 5.919526 | 6.510649 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7680697 | .0094202 | .0607754 |
| #2 | .7668974 | .0084699 | .0547872 |
| #3 | .7692601 | .0085702 | .0619820 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2360.286 | 28709.66 | 2819.703 | 1995.482 | 2656.170 |
| Stddev    | 3.397    | 131.08   | 8.058    | 1.176    | 5.407    |
| %RSD      | .1439302 | .4565884 | .2857792 | .0589152 | .2035745 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2362.363 | 28645.37 | 2826.373 | 1996.655 | 2658.927 |
| #2 | 2362.129 | 28623.13 | 2810.750 | 1995.487 | 2659.644 |
| #3 | 2356.365 | 28860.48 | 2821.987 | 1994.303 | 2649.940 |



Sample Name: P5036-13      Acquired: 12/17/2024 1:55:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0717653 | .0296658 | .4959024 | -.023074 | .0199752 | 70.14256 |
| Stddev | .0013318 | .0009918 | .0021990 | .002584  | .0024960 | .05332   |
| %RSD   | 1.855830 | 3.343338 | .4434348 | 11.19933 | 12.49557 | .0760224 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0705332 | .0307683 | .4984386 | -.020265 | .0197930 | 70.12550 |
| #2 | .0731784 | .0293829 | .4947411 | -.025350 | .0175753 | 70.20232 |
| #3 | .0715844 | .0288461 | .4945276 | -.023607 | .0225574 | 70.09985 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.015291 | .0059609 | .0049749 | 205.9095 | .1190065 | .0961186 |
| Stddev | .001503  | .0000963 | .0002393 | .1723    | .0003711 | .0007113 |
| %RSD   | .1480197 | 1.616176 | 4.809827 | .0836750 | .3118358 | .7400638 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.013914 | .0060634 | .0049219 | 205.8304 | .1193109 | .0960566 |
| #2 | 1.016894 | .0059471 | .0047666 | 205.7909 | .1185931 | .0954403 |
| #3 | 1.015065 | .0058721 | .0052363 | 206.1071 | .1191154 | .0968589 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1460292 | 137.8614 | 6.547373 | 47.01658 | .1429810 | .0015084 |
| Stddev | .0186041 | .3467    | .001964  | .05314   | .0013100 | .0009528 |
| %RSD   | 12.73997 | .2514659 | .0300028 | .1130296 | .9162262 | 63.16602 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1674355 | 137.4841 | 6.545242 | 46.97581 | .1424615 | .0025274 |
| #2 | .1337635 | 138.1658 | 6.549112 | 46.99724 | .1420103 | .0006396 |
| #3 | .1368887 | 137.9344 | 6.547765 | 47.07668 | .1444710 | .0013582 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.754907 | .1830247 | .5852490 | 4.643784 | F 12.72671 | .0364613 |
| Stddev | .237898  | .0082276 | .0122063 | .092616  | .05940     | .0020879 |
| %RSD   | 8.635423 | 4.495356 | 2.085664 | 1.994412 | .4667053   | 5.726487 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.806749 | .1776224 | .5729268 | 4.721103 | 12.70384 | .0341787 |
| #2 | 2.495363 | .1924938 | .5854842 | 4.669109 | 12.68215 | .0382749 |
| #3 | 2.962608 | .1789580 | .5973360 | 4.541139 | 12.79415 | .0369303 |

Sample Name: P5036-13      Acquired: 12/17/2024 1:55:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048232 | 2.244875 | 8.924334 | .1007522 | .7109147 | .2728914 |
| Stddev | .0004803 | .009373  | .055333  | .0009855 | .0044979 | .0005569 |
| %RSD   | 9.957230 | .4175420 | .6200189 | .9781770 | .6326853 | .2040907 |
| #1     | .0047533 | 2.237865 | 8.949542 | .0996597 | .7057241 | .2727550 |
| #2     | .0053346 | 2.241240 | 8.962574 | .1010225 | .7133556 | .2735039 |
| #3     | .0043818 | 2.255522 | 8.860886 | .1015744 | .7136645 | .2724154 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1013117 |
| Stddev | .0046620 |
| %RSD   | 4.601647 |
| #1     | .1051687 |
| #2     | .1026354 |
| #3     | .0961309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2313.258 | 28361.72 | 2848.479 | 1974.726 | 2534.231 |
| Stddev    | 10.900   | 64.43    | 16.304   | 5.285    | 13.698   |
| %RSD      | .4712115 | .2271883 | .5723609 | .2676207 | .5405136 |
| #1        | 2323.630 | 28431.07 | 2845.909 | 1978.398 | 2544.346 |
| #2        | 2314.247 | 28303.70 | 2833.612 | 1968.669 | 2539.705 |
| #3        | 2301.896 | 28350.39 | 2865.914 | 1977.110 | 2518.643 |

Sample Name: P5036-14      Acquired: 12/17/2024 1:59:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0558762 | .0357310 | .2859832 | -.027116 | .0180506 | 56.47417 | .7647292 |
| Stddev | .0023882 | .0038456 | .0021912 | .008362  | .0031052 | .91502   | .0118001 |
| %RSD   | 4.274078 | 10.76272 | .7661969 | 30.83804 | 17.20305 | 1.620243 | 1.543044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0585742 | .0329631 | .2839794 | -.028054 | .0183264 | 57.35574 | .7768563 |
| #2 | .0550212 | .0401221 | .2856471 | -.018325 | .0210087 | 55.52902 | .7532859 |
| #3 | .0540332 | .0341078 | .2883230 | -.034970 | .0148166 | 56.53774 | .7640455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045183 | .0036973 | 445.6696 | .0909858 | .1201397 | .1650357 | 140.2146 |
| Stddev | .0001116 | .0000895 | 6.4671   | .0003375 | .0016391 | .0057178 | 2.2946   |
| %RSD   | 2.470412 | 2.419235 | 1.451103 | .3708888 | 1.364344 | 3.464565 | 1.636499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045980 | .0036018 | 452.0887 | .0909597 | .1188485 | .1605460 | 142.5314 |
| #2 | .0043907 | .0037108 | 439.1555 | .0913356 | .1195868 | .1630883 | 137.9428 |
| #3 | .0045662 | .0037791 | 445.7648 | .0906622 | .1219837 | .1714728 | 140.1697 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.567996 | 105.0917 | .1707999 | .0001245 | 2.536917 | .1558216 | .4472356 |
| Stddev | .136298  | 1.8488   | .0016107 | .0006883 | .247484  | .0058977 | .0045039 |
| %RSD   | 1.800982 | 1.759214 | .9430209 | 552.9952 | 9.755303 | 3.784878 | 1.007063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.713999 | 107.0156 | .1702104 | .0008978 | 2.252265 | .1543469 | .4427555 |
| #2 | 7.444106 | 103.3285 | .1695671 | -.000421 | 2.701112 | .1508012 | .4517630 |
| #3 | 7.545883 | 104.9311 | .1726223 | -.000103 | 2.657374 | .1623166 | .4471883 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.369928 | 7.852150 | .0328160 | .0045597 | 1.060464 | 7.520333 | .0297959 |
| Stddev | .138745  | .041715  | .0007498 | .0003171 | .003485  | .162651  | .0012293 |
| %RSD   | 4.117152 | .5312613 | 2.284867 | 6.953412 | .3286504 | 2.162816 | 4.125596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.431892 | 7.818415 | .0336459 | .0045561 | 1.060321 | 7.695105 | .0288062 |
| #2 | 3.210999 | 7.839240 | .0326148 | .0042445 | 1.057053 | 7.373396 | .0294096 |
| #3 | 3.466893 | 7.898794 | .0321874 | .0048786 | 1.064019 | 7.492497 | .0311719 |

Sample Name: P5036-14      Acquired: 12/17/2024 1:59:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8042663 | .4871651 | .0808736 |
| Stddev | .0138109 | .0077353 | .0066271 |
| %RSD   | 1.717206 | 1.587820 | 8.194349 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8172917 | .4949889 | .0856080 |
| #2 | .7897852 | .4795214 | .0733000 |
| #3 | .8057221 | .4869851 | .0837129 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2204.418 | 27170.47 | 2736.665 | 1872.451 | 2416.538 |
| Stddev    | 7.832    | 63.70    | 45.491   | 6.514    | 12.656   |
| %RSD      | .3552967 | .2344607 | 1.662293 | .3479004 | .5237175 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2212.675 | 27239.70 | 2693.417 | 1879.793 | 2429.921 |
| #2 | 2203.483 | 27157.40 | 2784.109 | 1867.365 | 2414.930 |
| #3 | 2197.095 | 27114.32 | 2732.469 | 1870.193 | 2404.764 |

Sample Name: P5036-15      Acquired: 12/17/2024 2:02:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0364095 | .0248808 | .1776774 | -.035464 | .0120571 | 47.30623 | .4889787 |
| Stddev | .0032475 | .0015665 | .0016824 | .004897  | .0029834 | .24076   | .0019042 |
| %RSD   | 8.919347 | 6.295895 | .9468539 | 13.80916 | 24.74399 | .5089413 | .3894311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0391223 | .0255810 | .1758593 | -.032949 | .0152068 | 47.37754 | .4887702 |
| #2 | .0372950 | .0230864 | .1791791 | -.032336 | .0116907 | 47.50328 | .4909785 |
| #3 | .0328111 | .0259751 | .1779937 | -.041108 | .0092739 | 47.03787 | .4871872 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039851 | .0021931 | 474.2395 | .0749828 | .0916916 | .1238855 | 116.1218 |
| Stddev | .0000638 | .0001281 | 2.2704   | .0003529 | .0002113 | .0066399 | .5191    |
| %RSD   | 1.600564 | 5.841966 | .4787530 | .4705847 | .2304012 | 5.359737 | .4470287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039277 | .0022933 | 476.6176 | .0749057 | .0919025 | .1265864 | 116.6141 |
| #2 | .0039739 | .0020488 | 474.0062 | .0746748 | .0916923 | .1287493 | 116.1718 |
| #3 | .0040538 | .0022373 | 472.0947 | .0753678 | .0914800 | .1163207 | 115.5795 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.409417 | 79.11599 | .1252490 | -.000681 | 2.087318 | .1200286 | .3482027 |
| Stddev | .009298  | .41782   | .0004214 | .000572  | .742651  | .0025370 | .0136924 |
| %RSD   | .2727278 | .5281060 | .3364140 | 83.96901 | 35.57922 | 2.113667 | 3.932309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.415702 | 79.40170 | .1247874 | -.000138 | 1.518727 | .1190863 | .3610420 |
| #2 | 3.413813 | 79.30980 | .1256129 | -.000628 | 2.927544 | .1180975 | .3497735 |
| #3 | 3.398736 | 78.63646 | .1253466 | -.001278 | 1.815682 | .1229019 | .3337927 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.190041 | 6.553194 | .0315287 | .0026241 | 1.005255 | 6.497222 | .0218747 |
| Stddev | .247847  | .030205  | .0025688 | .0004350 | .007136  | .079584  | .0020272 |
| %RSD   | 11.31699 | .4609242 | 8.147441 | 16.57726 | .7098433 | 1.224895 | 9.267377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.916594 | 6.544507 | .0316670 | .0023229 | 1.001893 | 6.423234 | .0195674 |
| #2 | 2.253634 | 6.528284 | .0288936 | .0031228 | 1.000421 | 6.581418 | .0226868 |
| #3 | 2.399894 | 6.586791 | .0340256 | .0024267 | 1.013451 | 6.487015 | .0233699 |

Sample Name: P5036-15      Acquired: 12/17/2024 2:02:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7055400 | .6090290 | .0614697 |
| Stddev | .0035855 | .0025448 | .0017249 |
| %RSD   | .5081973 | .4178505 | 2.806026 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7070243 | .6092443 | .0597864 |
| #2 | .7081451 | .6114593 | .0613896 |
| #3 | .7014507 | .6063833 | .0632333 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2182.591 | 26631.10 | 2657.351 | 1836.188 | 2448.853 |
| Stddev    | 5.974    | 150.21   | 18.002   | 11.702   | 8.130    |
| %RSD      | .2737297 | .5640376 | .6774452 | .6372812 | .3319930 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2182.139 | 26464.74 | 2656.880 | 1823.370 | 2448.638 |
| #2 | 2188.779 | 26671.77 | 2639.589 | 1838.898 | 2457.088 |
| #3 | 2176.856 | 26756.79 | 2675.584 | 1846.298 | 2440.832 |

Sample Name: P5036-16      Acquired: 12/17/2024 2:06:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0641479 | .0126390 | 1.052111 | -.003421 | .0228333   | 59.94564 |
| Stddev | .0030605 | .0016373 | .003295  | .002577  | .0007164   | .24997   |
| %RSD   | 4.771016 | 12.95445 | .3131395 | 75.33351 | 3.137405   | .4170002 |
| #1     | .0645922 | .0111441 | 1.049834 | -.006344 | .0220470   | 59.87849 |
| #2     | .0669620 | .0143888 | 1.055889 | -.002436 | .0230040   | 60.22234 |
| #3     | .0608896 | .0123841 | 1.050610 | -.001481 | .0234490   | 59.73611 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.024734 | .0055195 | .0049982 | 62.49978 | .1202694   | .0821993 |
| Stddev | .003290  | .0000694 | .0000240 | .22606   | .0005048   | .0002960 |
| %RSD   | .3210716 | 1.257571 | .4812539 | .3616930 | .4197267   | .3600424 |
| #1     | 1.026330 | .0054506 | .0049767 | 62.33377 | .1198663   | .0820906 |
| #2     | 1.026922 | .0055184 | .0050242 | 62.75723 | .1201063   | .0825343 |
| #3     | 1.020950 | .0055894 | .0049938 | 62.40834 | .1208356   | .0819731 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2391544 | 129.5336 | 4.613188 | 24.87081 | .1544804   | .0007713 |
| Stddev | .0014280 | .6353    | .023382  | .13970   | .0010087   | .0006078 |
| %RSD   | .5970976 | .4904444 | .5068453 | .5617117 | .6529700   | 78.80014 |
| #1     | .2394661 | 129.3629 | 4.608240 | 24.80370 | .1545596   | .0013101 |
| #2     | .2375963 | 130.2368 | 4.638648 | 25.03140 | .1554472   | .0001124 |
| #3     | .2404008 | 129.0010 | 4.592677 | 24.77733 | .1534344   | .0008915 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.274960 | .1620590 | 1.134211 | 5.920966 | F 11.53295 | .0420593 |
| Stddev | .488458  | .0029448 | .011011  | .061624  | .01973     | .0022186 |
| %RSD   | 21.47107 | 1.817132 | .9708140 | 1.040772 | .1710372   | 5.275030 |
| #1     | 2.332862 | .1586588 | 1.128257 | 5.964303 | 11.51258   | .0436482 |
| #2     | 1.760131 | .1637331 | 1.127458 | 5.948174 | 11.55196   | .0395245 |
| #3     | 2.731886 | .1637852 | 1.146917 | 5.850421 | 11.53431   | .0430053 |

Sample Name: P5036-16      Acquired: 12/17/2024 2:06:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047922 | 3.112351 | 7.697926 | .0643657 | .7168351 | .0414187 |
| Stddev | .0003827 | .004912  | .093456  | .0004470 | .0058461 | .0000499 |
| %RSD   | 7.986536 | .1578204 | 1.214043 | .6945386 | .8155439 | .1204147 |
| #1     | .0045260 | 3.113240 | 7.623214 | .0648741 | .7153811 | .0414747 |
| #2     | .0052308 | 3.116758 | 7.802718 | .0640342 | .7232710 | .0413789 |
| #3     | .0046197 | 3.107056 | 7.667846 | .0641887 | .7118532 | .0414025 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0687090 |
| Stddev | .0031699 |
| %RSD   | 4.613535 |
| #1     | .0689760 |
| #2     | .0717369 |
| #3     | .0654140 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2278.902 | 27844.76 | 2736.039 | 1932.234 | 2620.300 |
| Stddev    | 2.325    | 35.72    | 20.171   | 2.979    | 5.137    |
| %RSD      | .1020140 | .1282891 | .7372439 | .1541944 | .1960310 |
| #1        | 2280.523 | 27805.13 | 2753.139 | 1928.942 | 2622.502 |
| #2        | 2276.238 | 27854.68 | 2713.794 | 1934.745 | 2614.429 |
| #3        | 2279.944 | 27874.48 | 2741.185 | 1933.015 | 2623.968 |



Sample Name: P5036-17      Acquired: 12/17/2024 2:10:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1547891 | .0494723 | 1.158281 | .0027869 | .0509733 | 61.60146 |
| Stddev | .0033363 | .0033372 | .006718  | .0025690 | .0034851 | .08051   |
| %RSD   | 2.155404 | 6.745563 | .5800164 | 92.18372 | 6.837150 | .1307018 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1523528 | .0530974 | 1.155417 | -.000176 | .0549084 | 61.61688 |
| #2 | .1534227 | .0465282 | 1.153469 | .004146  | .0497355 | 61.51434 |
| #3 | .1585917 | .0487912 | 1.165956 | .004391  | .0482761 | 61.67314 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.065619 | .0070640 | .0114296 | 119.7821 | .1293090 | .1306843 |
| Stddev | .005196  | .0002222 | .0000371 | .2573    | .0004558 | .0010116 |
| %RSD   | .1278111 | 3.144973 | .3247119 | .2147686 | .3524780 | .7740640 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.071443 | .0071913 | .0114631 | 119.9564 | .1290815 | .1297077 |
| #2 | 4.061457 | .0071932 | .0114359 | 119.4866 | .1298337 | .1306176 |
| #3 | 4.063956 | .0068075 | .0113897 | 119.9033 | .1290117 | .1317276 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3256388 | 276.3087 | 23.88871 | 59.08982 | .1927195 | .0045498 |
| Stddev | .0109094 | .6898    | .02613   | .09978   | .0016866 | .0003452 |
| %RSD   | 3.350159 | .2496337 | .1093897 | .1688559 | .8751604 | 7.586690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3204965 | 277.1002 | 23.91260 | 59.20468 | .1946554 | .0045476 |
| #2 | .3182508 | 275.8360 | 23.86080 | 59.04021 | .1915679 | .0048961 |
| #3 | .3381690 | 275.9899 | 23.89274 | 59.02457 | .1919351 | .0042057 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.597832 | .2399185 | 1.182997 | 4.562526 | F 12.32368 | .0489670 |
| Stddev | .211118  | .0094638 | .006031  | .144489  | .03705     | .0035607 |
| %RSD   | 8.126707 | 3.944609 | .5097722 | 3.166862 | .3006226   | 7.271649 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.359384 | .2451171 | 1.189256 | 4.441266 | 12.29869 | .0513263 |
| #2 | 2.673147 | .2289948 | 1.177224 | 4.722399 | 12.30610 | .0448712 |
| #3 | 2.760964 | .2456436 | 1.182513 | 4.523915 | 12.36624 | .0507035 |

Sample Name: P5036-17      Acquired: 12/17/2024 2:10:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147281 | 2.962108 | 8.585440 | .3281972 | .5964400 | -.070976 |
| Stddev | .0005011 | .020156  | .001047  | .0022554 | .0034628 | .000561  |
| %RSD   | 3.402249 | .6804568 | .0121899 | .6872062 | .5805760 | .7910778 |
| #1     | .0143348 | 2.946826 | 8.584429 | .3258592 | .6001347 | -.071371 |
| #2     | .0152923 | 2.954546 | 8.586519 | .3283727 | .5932687 | -.071224 |
| #3     | .0145572 | 2.984951 | 8.585371 | .3303597 | .5959166 | -.070333 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0654365 |
| Stddev | .0023771 |
| %RSD   | 3.632644 |
| #1     | .0681779 |
| #2     | .0641844 |
| #3     | .0639472 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2295.381 | 28239.24 | 2765.543 | 1961.254 | 2552.410 |
| Stddev    | 8.591    | 4.27     | 1.293    | 6.434    | 11.732   |
| %RSD      | .3742797 | .0151336 | .0467689 | .3280752 | .4596556 |
| #1        | 2295.645 | 28243.03 | 2764.058 | 1955.875 | 2552.782 |
| #2        | 2303.838 | 28234.61 | 2766.150 | 1968.382 | 2563.951 |
| #3        | 2286.662 | 28240.08 | 2766.422 | 1959.505 | 2540.495 |

Sample Name: P5036-18      Acquired: 12/17/2024 2:14:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0790451 | .0129682 | 1.089964 | -.001392 | .0288736 | 71.61328 |
| Stddev | .0008969 | .0020951 | .002301  | .004069  | .0012224 | .25527   |
| %RSD   | 1.134654 | 16.15559 | .2111366 | 292.4132 | 4.233768 | .3564583 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0780104 | .0125948 | 1.088996 | .002809  | .0283112 | 71.76522 |
| #2 | .0796004 | .0110849 | 1.088304 | -.005316 | .0302761 | 71.75605 |
| #3 | .0795245 | .0152249 | 1.092591 | -.001669 | .0280336 | 71.31856 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.281191 | .0062375 | .0059402 | 57.52962 | .1327559 | .0933175 |
| Stddev | .003584  | .0001349 | .0001417 | .18236   | .0006304 | .0010786 |
| %RSD   | .2797616 | 2.163301 | 2.385844 | .3169930 | .4748400 | 1.155824 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.281987 | .0060898 | .0058254 | 57.73946 | .1327477 | .0928684 |
| #2 | 1.284311 | .0062684 | .0058965 | 57.43994 | .1333904 | .0925360 |
| #3 | 1.277276 | .0063543 | .0060986 | 57.40945 | .1321297 | .0945480 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2248201 | 149.3322 | 6.299675 | 27.62663 | .1748046 | .0007418 |
| Stddev | .0023411 | .5715    | .020613  | .03784   | .0008363 | .0008196 |
| %RSD   | 1.041317 | .3826740 | .3272007 | .1369746 | .4784067 | 110.4776 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2221172 | 149.3777 | 6.312258 | 27.64608 | .1755164 | .0001806 |
| #2 | .2262080 | 149.8796 | 6.310881 | 27.65080 | .1738836 | .0003625 |
| #3 | .2261352 | 148.7394 | 6.275887 | 27.58302 | .1750139 | .0016823 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.248212 | .1889155 | 1.016241 | 5.955590 | F 10.66622 | .0385728 |
| Stddev | .621619  | .0039796 | .008590  | .236706  | .04619     | .0014233 |
| %RSD   | 19.13727 | 2.106565 | .8452304 | 3.974512 | .4330503   | 3.689815 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.227443 | .1887682 | 1.011620 | 5.767548 | 10.63138 | .0369313 |
| #2 | 2.637237 | .1850116 | 1.026152 | 6.221395 | 10.64867 | .0394633 |
| #3 | 3.879955 | .1929668 | 1.010950 | 5.877828 | 10.71861 | .0393237 |

Sample Name: P5036-18      Acquired: 12/17/2024 2:14:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049911 | 2.588710 | 9.360678 | .0689323 | .8055779 | .0396443 |
| Stddev | .0000789 | .008299  | .030306  | .0012192 | .0042134 | .0001037 |
| %RSD   | 1.581526 | .3205816 | .3237609 | 1.768694 | .5230253 | .2615919 |
| #1     | .0049086 | 2.587592 | 9.366146 | .0702202 | .8010934 | .0395349 |
| #2     | .0050659 | 2.581027 | 9.328010 | .0687808 | .8061862 | .0396567 |
| #3     | .0049988 | 2.597512 | 9.387878 | .0677959 | .8094540 | .0397412 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0811646 |
| Stddev | .0022561 |
| %RSD   | 2.779626 |
| #1     | .0823085 |
| #2     | .0826195 |
| #3     | .0785657 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2297.244 | 28008.15 | 2760.533 | 1946.727 | 2584.095 |
| Stddev    | 6.675    | 55.51    | 6.799    | 6.893    | 10.304   |
| %RSD      | .2905550 | .1981902 | .2463089 | .3541064 | .3987611 |
| #1        | 2297.533 | 27995.08 | 2759.274 | 1949.472 | 2583.425 |
| #2        | 2303.770 | 27960.34 | 2767.874 | 1938.884 | 2594.718 |
| #3        | 2290.430 | 28069.03 | 2754.452 | 1951.825 | 2574.142 |

Sample Name: P5036-19      Acquired: 12/17/2024 2:18:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0631942 | .0133604 | .4104624 | -.006195 | .0266353 | 68.42993 | .9838140 |
| Stddev | .0037826 | .0004154 | .0015320 | .003634  | .0026755 | .17202   | .0031528 |
| %RSD   | 5.985696 | 3.109007 | .3732259 | 58.65795 | 10.04494 | .2513816 | .3204636 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0631149 | .0129720 | .4099540 | -.002691 | .0243364 | 68.35646 | .9804232 |
| #2 | .0670158 | .0133107 | .4092494 | -.005948 | .0295721 | 68.30685 | .9843620 |
| #3 | .0594518 | .0137983 | .4121840 | -.009946 | .0259975 | 68.62649 | .9866568 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060577 | .0037948 | 57.29208 | .1053971 | .0848435 | .1116454 | 145.0219 |
| Stddev | .0000939 | .0000404 | .21626   | .0003024 | .0001812 | .0062527 | .1299    |
| %RSD   | 1.549337 | 1.065076 | .3774646 | .2869416 | .2135144 | 5.600470 | .0895928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060476 | .0038105 | 57.21087 | .1057460 | .0850524 | .1119918 | 144.9158 |
| #2 | .0061561 | .0038250 | 57.12818 | .1052357 | .0847287 | .1177177 | 144.9831 |
| #3 | .0059692 | .0037489 | 57.53718 | .1052096 | .0847495 | .1052268 | 145.1668 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.625032 | 30.04198 | .1369670 | .0005829 | 2.624005 | .1672700 | .4790204 |
| Stddev | .005346  | .03465   | .0006456 | .0004832 | .397612  | .0075101 | .0083585 |
| %RSD   | .1155816 | .1153388 | .4713349 | 82.90089 | 15.15286 | 4.489820 | 1.744920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.623231 | 30.00373 | .1375489 | .0000279 | 2.842486 | .1753939 | .4838855 |
| #2 | 4.620819 | 30.07127 | .1362725 | .0008106 | 2.864471 | .1605807 | .4693689 |
| #3 | 4.631046 | 30.05094 | .1370795 | .0009102 | 2.165058 | .1658353 | .4838067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.011249 | 7.912725 | .0334788 | .0033973 | 2.009683 | 9.146901 | .0351786 |
| Stddev | .067378  | .027104  | .0018196 | .0007162 | .001382  | .065221  | .0005227 |
| %RSD   | 3.350048 | .3425383 | 5.435182 | 21.08148 | .0687685 | .7130427 | 1.485903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.019392 | 7.907100 | .0315620 | .0041665 | 2.008284 | 9.220728 | .0357033 |
| #2 | 2.074186 | 7.888874 | .0336920 | .0032759 | 2.009719 | 9.122871 | .0346579 |
| #3 | 1.940170 | 7.942200 | .0351824 | .0027496 | 2.011047 | 9.097103 | .0351745 |

Sample Name: P5036-19      Acquired: 12/17/2024 2:18:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7012132 | -.003264 | .0773853 |
| Stddev | .0028464 | .000458  | .0060985 |
| %RSD   | .4059309 | 14.04189 | 7.880690 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6990890 | -.003255 | .0729397 |
| #2 | .7044474 | -.003727 | .0748786 |
| #3 | .7001033 | -.002811 | .0843377 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2299.351 | 28103.96 | 2768.535 | 1953.487 | 2578.573 |
| Stddev    | 5.629    | 237.57   | 8.625    | 18.895   | 6.914    |
| %RSD      | .2448105 | .8453280 | .3115493 | .9672557 | .2681209 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2301.739 | 28343.95 | 2775.451 | 1974.985 | 2582.605 |
| #2 | 2303.392 | 28099.04 | 2771.284 | 1945.966 | 2582.523 |
| #3 | 2292.921 | 27868.88 | 2758.870 | 1939.511 | 2570.590 |

Sample Name: P5036-20      Acquired: 12/17/2024 2:22:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0509404 | .0206767 | .1889613 | -.008775 | .0255532 | 63.37802 | .8816687 |
| Stddev | .0020443 | .0030677 | .0051846 | .003392  | .0007295 | .11101   | .0021407 |
| %RSD   | 4.013068 | 14.83645 | 2.743756 | 38.65267 | 2.855000 | .1751506 | .2428043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0487165 | .0188375 | .1865999 | -.012234 | .0247214 | 63.48989 | .8818661 |
| #2 | .0513669 | .0189746 | .1853777 | -.005454 | .0260843 | 63.26790 | .8794361 |
| #3 | .0527378 | .0242181 | .1949063 | -.008638 | .0258539 | 63.37627 | .8837039 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049850 | .0027623 | 106.7678 | .0993542 | .1063098 | .1087136 | 153.7904 |
| Stddev | .0001412 | .0001821 | .2515    | .0003193 | .0008299 | .0028470 | .0497    |
| %RSD   | 2.831699 | 6.593501 | .2355802 | .3213795 | .7806147 | 2.618772 | .0323055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048806 | .0025821 | 107.0423 | .0993114 | .1054934 | .1119812 | 153.7743 |
| #2 | .0049288 | .0027586 | 106.7129 | .0990584 | .1062836 | .1067677 | 153.8461 |
| #3 | .0051456 | .0029463 | 106.5483 | .0996927 | .1071525 | .1073918 | 153.7507 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.948666 | 48.14600 | .1710113 | -.000158 | 2.792175 | .1584295 | .3079790 |
| Stddev | .005592  | .17503   | .0016425 | .001342  | .201112  | .0070369 | .0135018 |
| %RSD   | .0804809 | .3635497 | .9604379 | 849.0050 | 7.202710 | 4.441644 | 4.383985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.943492 | 48.06087 | .1703580 | -.001300 | 3.011903 | .1594927 | .3064471 |
| #2 | 6.954599 | 48.02981 | .1697960 | -.000494 | 2.747396 | .1509215 | .2953085 |
| #3 | 6.947909 | 48.34732 | .1728799 | .001319  | 2.617227 | .1648743 | .3221813 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.732824 | 7.156971 | .0280183 | .0039752 | .7942823 | 7.998244 | .0216599 |
| Stddev | .083833  | .049987  | .0026895 | .0000913 | .0055461 | .040193  | .0018874 |
| %RSD   | 4.837919 | .6984387 | 9.599125 | 2.296143 | .6982550 | .5025211 | 8.713610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.751916 | 7.119496 | .0296768 | .0040660 | .7879743 | 7.952224 | .0201025 |
| #2 | 1.805464 | 7.137690 | .0294630 | .0039762 | .7964790 | 8.026459 | .0237588 |
| #3 | 1.641092 | 7.213727 | .0249152 | .0038835 | .7983935 | 8.016049 | .0211184 |

Sample Name: P5036-20      Acquired: 12/17/2024 2:22:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE3      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8244989 | .0181779 | .0687961 |
| Stddev | .0053072 | .0003877 | .0018294 |
| %RSD   | .6436855 | 2.132551 | 2.659205 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8200951 | .0182764 | .0671853 |
| #2 | .8230102 | .0185068 | .0707851 |
| #3 | .8303914 | .0177505 | .0684180 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2301.068 | 28198.50 | 2777.642 | 1954.766 | 2543.223 |
| Stddev    | 4.809    | 91.61    | 12.060   | 6.387    | 10.241   |
| %RSD      | .2090052 | .3248899 | .4341865 | .3267147 | .4026769 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2303.507 | 28109.53 | 2789.783 | 1949.121 | 2549.220 |
| #2 | 2304.170 | 28193.43 | 2765.664 | 1953.478 | 2549.051 |
| #3 | 2295.528 | 28292.54 | 2777.480 | 1961.698 | 2531.398 |



Sample Name: P5036-21      Acquired: 12/17/2024 2:25:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0400114 | .0199776 | .1478226 | -.019785 | .0207927 | 60.41540 | .5478517 |
| Stddev | .0058715 | .0029502 | .0018277 | .006599  | .0015189 | .20109   | .0009154 |
| %RSD   | 14.67466 | 14.76756 | 1.236409 | 33.35430 | 7.304832 | .3328446 | .1670849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0459665 | .0167156 | .1458927 | -.013352 | .0195712 | 60.42645 | .5478160 |
| #2 | .0342272 | .0207582 | .1495272 | -.026538 | .0203137 | 60.61073 | .5487844 |
| #3 | .0398405 | .0224590 | .1480478 | -.019463 | .0224934 | 60.20901 | .5469547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048987 | .0020044 | 194.9910 | .0925215 | .1012229 | .1534549 | 139.0288 |
| Stddev | .0000688 | .0000736 | .6870    | .0004073 | .0003032 | .0061250 | .2320    |
| %RSD   | 1.403470 | 3.671847 | .3523277 | .4402584 | .2995658 | 3.991423 | .1668704 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049679 | .0020837 | 194.6663 | .0929760 | .1009102 | .1496699 | 138.9420 |
| #2 | .0048304 | .0019913 | 195.7802 | .0921893 | .1012428 | .1501732 | 139.2916 |
| #3 | .0048977 | .0019382 | 194.5265 | .0923993 | .1015157 | .1605215 | 138.8527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.043890 | 68.81114 | .1615992 | .0004049 | 2.323658 | .1486815 | .3119117 |
| Stddev | .006676  | .45116   | .0011880 | .0009589 | .512315  | .0035787 | .0036875 |
| %RSD   | .2193250 | .6556494 | .7351668 | 236.8189 | 22.04777 | 2.406968 | 1.182236 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.046799 | 68.75064 | .1617296 | -.000700 | 2.619628 | .1447020 | .3131382 |
| #2 | 3.048619 | 69.28950 | .1603513 | .001021  | 2.619259 | .1516356 | .3148297 |
| #3 | 3.036254 | 68.39328 | .1627166 | .000893  | 1.732088 | .1497070 | .3077672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.530293 | 7.075366 | .0216318 | .0022714 | .6097509 | 7.604632 | .0208971 |
| Stddev | .055196  | .041602  | .0022270 | .0001545 | .0027697 | .065709  | .0005425 |
| %RSD   | 3.606862 | .5879827 | 10.29480 | 6.801450 | .4542325 | .8640718 | 2.595863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.489163 | 7.047920 | .0234000 | .0023703 | .6065606 | 7.619840 | .0206589 |
| #2 | 1.508693 | 7.054944 | .0223645 | .0023506 | .6111515 | 7.661404 | .0215180 |
| #3 | 1.593022 | 7.123232 | .0191307 | .0020934 | .6115405 | 7.532652 | .0205146 |

Sample Name: P5036-21      Acquired: 12/17/2024 2:25:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKE4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8152036 | .1167847 | .0777439 |
| Stddev | .0021634 | .0001939 | .0013328 |
| %RSD   | .2653844 | .1660398 | 1.714280 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8176981 | .1169912 | .0787291 |
| #2 | .8138410 | .1167564 | .0762274 |
| #3 | .8140716 | .1166065 | .0782751 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2345.757 | 28789.15 | 2846.029 | 2000.190 | 2589.348 |
| Stddev    | 2.689    | 123.46   | 6.624    | 2.883    | 7.136    |
| %RSD      | .1146302 | .4288500 | .2327421 | .1441447 | .2755770 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2348.459 | 28735.22 | 2839.013 | 2002.566 | 2595.697 |
| #2 | 2345.731 | 28930.40 | 2846.899 | 2001.022 | 2590.721 |
| #3 | 2343.081 | 28701.82 | 2852.174 | 1996.983 | 2581.625 |

Sample Name: P5036-22      Acquired: 12/17/2024 2:29:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK51      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1104599 | .0438136 | 3.080743 | -.033913 | .0201588 | 50.69197 | .9426084 |
| Stddev | .0001988 | .0029773 | .002336  | .002885  | .0016691 | .12662   | .0009253 |
| %RSD   | .1800072 | 6.795418 | .0758272 | 8.505599 | 8.279721 | .2497824 | .0981648 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1105753 | .0462782 | 3.082251 | -.037244 | .0216367 | 50.65271 | .9422744 |
| #2 | .1102303 | .0446571 | 3.078052 | -.032244 | .0183485 | 50.83357 | .9436543 |
| #3 | .1105741 | .0405056 | 3.081925 | -.032252 | .0204910 | 50.58963 | .9418965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055082 | .0117242 | 536.2237 | .1178929 | .1177388 | .2378664 | 139.4750 |
| Stddev | .0001033 | .0001565 | 1.0917   | .0011703 | .0012412 | .0073682 | .5236    |
| %RSD   | 1.874948 | 1.335054 | .2035949 | .9927214 | 1.054245 | 3.097637 | .3753878 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055109 | .0116755 | 535.7178 | .1192345 | .1179122 | .2302888 | 139.2806 |
| #2 | .0056101 | .0115977 | 537.4766 | .1170811 | .1164199 | .2450057 | 140.0680 |
| #3 | .0054036 | .0118992 | 535.4768 | .1173631 | .1188841 | .2383048 | 139.0765 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.25632 | 289.2821 | .1980177 | .0021967 | 6.162256 | .1401213 | 1.864992 |
| Stddev | .03424   | .5346    | .0012697 | .0004845 | .265820  | .0064704 | .007267  |
| %RSD   | .3042272 | .1847993 | .6412199 | 22.05688 | 4.313687 | 4.617738 | .3896719 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.26485 | 289.1765 | .1994584 | .0016969 | 6.054502 | .1326606 | 1.861421 |
| #2 | 11.28549 | 289.8615 | .1975333 | .0022289 | 6.465035 | .1441986 | 1.860201 |
| #3 | 11.21861 | 288.8081 | .1970615 | .0026644 | 5.967230 | .1435045 | 1.873354 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.489593 | 6.404726 | .0669894 | .0090591 | 22.30427 | 6.751480 | .0547089 |
| Stddev | .080023  | .008025  | .0014468 | .0005253 | .04584   | .008838  | .0013356 |
| %RSD   | 1.457722 | .1252958 | 2.159745 | 5.799068 | .2055085 | .1309096 | 2.441322 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.579100 | 6.403806 | .0679561 | .0086485 | 22.30334 | 6.748252 | .0536425 |
| #2 | 5.424963 | 6.397201 | .0653261 | .0088776 | 22.25891 | 6.761478 | .0542772 |
| #3 | 5.464716 | 6.413172 | .0676861 | .0096511 | 22.35057 | 6.744709 | .0562069 |

Sample Name: P5036-22      Acquired: 12/17/2024 2:29:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHK51      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6258106 | .6774314 | .0465680 |
| Stddev | .0017549 | .0016913 | .0029193 |
| %RSD   | .2804133 | .2496608 | 6.268836 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6253810 | .6756506 | .0462319 |
| #2 | .6277404 | .6790160 | .0496408 |
| #3 | .6243104 | .6776276 | .0438314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2183.746 | 26875.67 | 2747.793 | 1851.919 | 2337.920 |
| Stddev    | 11.179   | 20.69    | 4.837    | 1.590    | 9.801    |
| %RSD      | .5119036 | .0769905 | .1760294 | .0858374 | .4192130 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2190.547 | 26875.82 | 2748.994 | 1850.609 | 2340.722 |
| #2 | 2189.847 | 26854.91 | 2742.469 | 1853.688 | 2346.014 |
| #3 | 2170.844 | 26896.29 | 2751.916 | 1851.461 | 2327.023 |

Sample Name: P5054-01      Acquired: 12/17/2024 2:33:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1559245 | .0362001 | 1.325309 | -.005447 | .1219529 | 68.86928 |
| Stddev | .0045067 | .0026493 | .004555  | .001899  | .0025522 | .20135   |
| %RSD   | 2.890306 | 7.318545 | .3436811 | 34.86203 | 2.092786 | .2923722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1608318 | .0380696 | 1.326596 | -.006403 | .1207234 | 69.02404 |
| #2 | .1549705 | .0331683 | 1.320249 | -.006677 | .1202482 | 68.64163 |
| #3 | .1519712 | .0373625 | 1.329082 | -.003260 | .1248872 | 68.94218 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.508533 | .0074891 | .0079217 | 143.2938 | .1288085 | .1704622 |
| Stddev | .000953  | .0001384 | .0000464 | .2032    | .0003551 | .0006156 |
| %RSD   | .0631465 | 1.847442 | .5860283 | .1417934 | .2756977 | .3611574 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.508697 | .0073518 | .0079710 | 143.4359 | .1289131 | .1711290 |
| #2 | 1.507509 | .0074871 | .0079153 | 143.0611 | .1290997 | .1703424 |
| #3 | 1.509393 | .0076285 | .0078788 | 143.3844 | .1284129 | .1699153 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3171801 | 158.7578 | 14.81126 | 43.26442 | .2377925 | .0035941 |
| Stddev | .0081242 | .2718    | .01767   | .12023   | .0009721 | .0008557 |
| %RSD   | 2.561397 | .1712020 | .1193043 | .2778920 | .4087941 | 23.80899 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3141731 | 158.5906 | 14.79663 | 43.34637 | .2383141 | .0031564 |
| #2 | .3109880 | 158.6114 | 14.80627 | 43.32049 | .2366710 | .0030459 |
| #3 | .3263792 | 159.0714 | 14.83089 | 43.12640 | .2383926 | .0045802 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 6.051575 | .2031438 | 1.800265 | 10.37442 | F 12.84224 | .6071670 |
| Stddev | .732669  | .0011693 | .008494  | .01844   | .02013     | .0017678 |
| %RSD   | 12.10708 | .5755941 | .4718410 | .1777638 | .1567626   | .2911553 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.871890 | .2038077 | 1.806896 | 10.38499 | 12.84453 | .6086677 |
| #2 | 5.820629 | .2038300 | 1.803209 | 10.35313 | 12.82107 | .6052183 |
| #3 | 5.462207 | .2017937 | 1.790690 | 10.38515 | 12.86113 | .6076149 |

Sample Name: P5054-01      Acquired: 12/17/2024 2:33:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141740 | 6.016512 | 7.565486 | .3144451 | 1.028509 | .1626286 |
| Stddev | .0002090 | .005992  | .014010  | .0035419 | .003615  | .0003095 |
| %RSD   | 1.474175 | .0996006 | .1851801 | 1.126398 | .3514930 | .1902779 |
| #1     | .0141639 | 6.015795 | 7.552580 | .3180652 | 1.028051 | .1623444 |
| #2     | .0143878 | 6.010910 | 7.563491 | .3142833 | 1.032331 | .1629583 |
| #3     | .0139703 | 6.022831 | 7.580386 | .3109869 | 1.025145 | .1625831 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0776030 |
| Stddev | .0003924 |
| %RSD   | .5056651 |
| #1     | .0771662 |
| #2     | .0777169 |
| #3     | .0779259 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2288.361 | 28154.22 | 2802.344 | 1961.377 | 2494.926 |
| Stddev    | 4.254    | 79.08    | 15.461   | 6.856    | 4.616    |
| %RSD      | .1858759 | .2808654 | .5517228 | .3495459 | .1850227 |
| #1        | 2291.010 | 28185.89 | 2810.856 | 1963.519 | 2496.578 |
| #2        | 2283.455 | 28212.54 | 2811.679 | 1966.906 | 2489.711 |
| #3        | 2290.619 | 28064.21 | 2784.498 | 1953.706 | 2498.488 |

Sample Name: P5054-02      Acquired: 12/17/2024 2:37:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1622492 | .0257424 | 1.453045 | -.014052 | .0247129 | 72.99955 |
| Stddev | .0048883 | .0004549 | .003957  | .000602  | .0014306 | .26691   |
| %RSD   | 3.012832 | 1.767005 | .2723432 | 4.280925 | 5.789029 | .3656335 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1619935 | .0255544 | 1.448888 | -.013594 | .0230716 | 73.23522 |
| #2 | .1672603 | .0262611 | 1.453481 | -.014733 | .0256958 | 73.05372 |
| #3 | .1574938 | .0254116 | 1.456766 | -.013829 | .0253714 | 72.70971 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.258167 | .0089558 | .0065208 | 151.3249 | .1138142 | .1248356 |
| Stddev | .004153  | .0001771 | .0001484 | .8972    | .0002206 | .0004350 |
| %RSD   | .3300531 | 1.977572 | 2.275645 | .5928707 | .1938362 | .3484428 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.261604 | .0087827 | .0065247 | 152.1120 | .1136273 | .1243604 |
| #2 | 1.259344 | .0089479 | .0063705 | 151.5147 | .1137578 | .1249323 |
| #3 | 1.253553 | .0091367 | .0066672 | 150.3481 | .1140575 | .1252140 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2996752 | 145.5222 | 8.722064 | 35.00500 | .2332484 | .0021660 |
| Stddev | .0049636 | .4256    | .035322  | .13571   | .0010732 | .0008829 |
| %RSD   | 1.656324 | .2924560 | .4049695 | .3876756 | .4601010 | 40.76359 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3049282 | 145.9882 | 8.737788 | 35.10802 | .2320376 | .0019041 |
| #2 | .2950634 | 145.4243 | 8.746793 | 35.05574 | .2336254 | .0031503 |
| #3 | .2990341 | 145.1541 | 8.681611 | 34.85123 | .2340822 | .0014437 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.412013 | .2039526 | 1.140763 | 9.054030 | F 11.19307 | .0819049 |
| Stddev | .809594  | .0085937 | .017889  | .034167  | .04400     | .0030928 |
| %RSD   | 23.72776 | 4.213568 | 1.568203 | .3773664 | .3930646   | 3.776067 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.571428 | .2104358 | 1.120598 | 9.014673 | 11.16293 | .0834885 |
| #2 | 4.186573 | .2072169 | 1.146965 | 9.071331 | 11.17272 | .0838851 |
| #3 | 3.478039 | .1942050 | 1.154727 | 9.076086 | 11.24355 | .0783410 |

Sample Name: P5054-02      Acquired: 12/17/2024 2:37:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0129884 | 5.379995 | 7.739274 | .0636170 | .9859326 | .2496796 |
| Stddev | .0007497 | .037283  | .049867  | .0020322 | .0053299 | .0010539 |
| %RSD   | 5.772290 | .6929869 | .6443409 | 3.194438 | .5405958 | .4221064 |
| #1     | .0122189 | 5.355966 | 7.770407 | .0658316 | .9871246 | .2502179 |
| #2     | .0137166 | 5.361074 | 7.765659 | .0618377 | .9905656 | .2503555 |
| #3     | .0130298 | 5.422944 | 7.681758 | .0631816 | .9801076 | .2484652 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0776220 |
| Stddev | .0019490 |
| %RSD   | 2.510816 |
| #1     | .0770989 |
| #2     | .0759880 |
| #3     | .0797791 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2330.346 | 28689.16 | 2861.847 | 1980.072 | 2512.845 |
| Stddev    | .116     | 54.13    | 18.761   | 11.082   | 3.746    |
| %RSD      | .0049986 | .1886932 | .6555397 | .5596883 | .1490681 |
| #1        | 2330.374 | 28738.17 | 2852.256 | 1992.860 | 2511.817 |
| #2        | 2330.218 | 28698.26 | 2849.822 | 1974.091 | 2516.997 |
| #3        | 2330.445 | 28631.05 | 2883.464 | 1973.266 | 2509.720 |



Sample Name: P5054-03      Acquired: 12/17/2024 2:41:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHCR2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2018227 | .0239572 | 3.192503 | -.019956 | .0276273 | 87.92182 | 1.293194 |
| Stddev | .0009845 | .0018013 | .010085  | .003935  | .0006633 | .12487   | .000959  |
| %RSD   | .4878017 | 7.518716 | .3158827 | 19.71657 | 2.400798 | .1420273 | .0741500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2029014 | .0223453 | 3.186584 | -.021758 | .0269200 | 87.96034 | 1.293351 |
| #2 | .2015941 | .0259015 | 3.186777 | -.015443 | .0277268 | 87.78222 | 1.294065 |
| #3 | .2009727 | .0236248 | 3.204147 | -.022666 | .0282353 | 88.02289 | 1.292166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0103181 | .0074122 | 182.4635 | .1412061 | .1889114 | .3948487 | 149.9180 |
| Stddev | .0000721 | .0000707 | .3424    | .0008874 | .0010429 | .0061628 | .2756    |
| %RSD   | .6987262 | .9543358 | .1876623 | .6284727 | .5520412 | 1.560791 | .1838407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103983 | .0074222 | 182.4444 | .1410050 | .1881458 | .3894438 | 149.6796 |
| #2 | .0102587 | .0073370 | 182.1310 | .1421768 | .1884892 | .4015599 | 149.8546 |
| #3 | .0102973 | .0074774 | 182.8151 | .1404365 | .1900992 | .3935425 | 150.2198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.512054 | 37.11956 | .2998194 | .0022353 | 4.307309 | .2807890 | 1.670289 |
| Stddev | .009830  | .06723   | .0010794 | .0006301 | .557708  | .0090907 | .013293  |
| %RSD   | .1783292 | .1811242 | .3600286 | 28.18888 | 12.94794 | 3.237539 | .7958323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.510740 | 37.19718 | .2987216 | .0026191 | 4.784919 | .2820075 | 1.675740 |
| #2 | 5.522474 | 37.07962 | .2998573 | .0025786 | 4.442608 | .2892090 | 1.679989 |
| #3 | 5.502947 | 37.08188 | .3008794 | .0015081 | 3.694399 | .2711506 | 1.655137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.826839 | 7.816996 | .0705040 | .0185550 | 3.848018 | 7.023541 | .0642975 |
| Stddev | .079142  | .022201  | .0001872 | .0005472 | .016371  | .047002  | .0020737 |
| %RSD   | .8053610 | .2840031 | .2654667 | 2.949218 | .4254449 | .6692045 | 3.225127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.894605 | 7.811089 | .0706295 | .0180361 | 3.834830 | 7.061993 | .0626081 |
| #2 | 9.739860 | 7.798347 | .0702889 | .0185023 | 3.842881 | 6.971145 | .0636726 |
| #3 | 9.846052 | 7.841553 | .0705936 | .0191267 | 3.866341 | 7.037484 | .0666117 |

Sample Name: P5054-03      Acquired: 12/17/2024 2:41:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7967287 | .3368513 | .1863183 |
| Stddev | .0032125 | .0010982 | .0043509 |
| %RSD   | .4032095 | .3260237 | 2.335192 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7930588 | .3364828 | .1813657 |
| #2 | .7990318 | .3380864 | .1895254 |
| #3 | .7980954 | .3359847 | .1880638 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2284.405 | 28132.45 | 2791.524 | 1943.576 | 2466.971 |
| Stddev    | 5.890    | 74.41    | 20.072   | 6.396    | 7.582    |
| %RSD      | .2578215 | .2644825 | .7190178 | .3290987 | .3073565 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2283.565 | 28077.18 | 2771.442 | 1936.239 | 2463.689 |
| #2 | 2290.670 | 28103.11 | 2811.585 | 1947.981 | 2475.641 |
| #3 | 2278.981 | 28217.05 | 2791.544 | 1946.507 | 2461.582 |

Sample Name: P5054-04      Acquired: 12/17/2024 2:44:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2000920 | .0268068 | 3.244952 | -.015335 | .0288958 | 88.77844 | 1.300631 |
| Stddev | .0015227 | .0059035 | .020987  | .004166  | .0029159 | .18435   | .004149  |
| %RSD   | .7610218 | 22.02258 | .6467538 | 27.16441 | 10.09104 | .2076485 | .3190323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1999712 | .0290521 | 3.234812 | -.013513 | .0320694 | 88.71993 | 1.296097 |
| #2 | .1986333 | .0201101 | 3.230960 | -.012390 | .0282831 | 88.98495 | 1.304239 |
| #3 | .2016716 | .0312583 | 3.269083 | -.020101 | .0263350 | 88.63046 | 1.301557 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104365 | .0075345 | 185.1809 | .1436669 | .1912157 | .3974646 | 150.8571 |
| Stddev | .0000588 | .0000610 | .4326    | .0008105 | .0008548 | .0063737 | .1634    |
| %RSD   | .5631245 | .8100376 | .2335833 | .5641703 | .4470257 | 1.603600 | .1083248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103726 | .0074923 | 185.0777 | .1427649 | .1902445 | .3916455 | 150.6900 |
| #2 | .0104487 | .0075066 | 185.6557 | .1439016 | .1915488 | .4042765 | 151.0166 |
| #3 | .0104882 | .0076045 | 184.8092 | .1443341 | .1918537 | .3964717 | 150.8647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.565976 | 37.25743 | .3050470 | .0020127 | 3.867129 | .2771448 | 1.681533 |
| Stddev | .018914  | .13144   | .0004114 | .0005847 | .500642  | .0107194 | .010998  |
| %RSD   | .3398190 | .3527853 | .1348535 | 29.04971 | 12.94608 | 3.867779 | .6540306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.552963 | 37.10854 | .3045886 | .0013619 | 4.436196 | .2789878 | 1.690825 |
| #2 | 5.587673 | 37.35737 | .3051683 | .0024937 | 3.670711 | .2868232 | 1.684384 |
| #3 | 5.557292 | 37.30638 | .3053841 | .0021824 | 3.494481 | .2656235 | 1.669391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.912688 | 7.939002 | .0693696 | .0194388 | 3.901656 | 7.103794 | .0635076 |
| Stddev | .080762  | .040379  | .0012977 | .0005039 | .020922  | .048215  | .0012217 |
| %RSD   | .8147292 | .5086129 | 1.870724 | 2.592410 | .5362216 | .6787226 | 1.923743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.881702 | 7.902919 | .0708300 | .0189440 | 3.893098 | 7.048217 | .0640546 |
| #2 | 9.852009 | 7.931471 | .0689303 | .0194210 | 3.886371 | 7.128729 | .0621080 |
| #3 | 10.00435 | 7.982616 | .0683486 | .0199514 | 3.925500 | 7.134435 | .0643603 |

Sample Name: P5054-04      Acquired: 12/17/2024 2:44:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7995126 | .3379893 | .1858452 |
| Stddev | .0039543 | .0009574 | .0004289 |
| %RSD   | .4945901 | .2832552 | .2308048 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8017966 | .3375001 | .1862832 |
| #2 | .7949466 | .3390924 | .1854260 |
| #3 | .8017948 | .3373754 | .1858265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2277.570 | 28022.79 | 2778.252 | 1939.833 | 2454.204 |
| Stddev    | 8.517    | 66.37    | 14.493   | 8.056    | 8.652    |
| %RSD      | .3739506 | .2368398 | .5216729 | .4153071 | .3525260 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2286.852 | 27961.05 | 2794.800 | 1931.408 | 2462.197 |
| #2 | 2275.745 | 28014.35 | 2772.145 | 1940.629 | 2455.398 |
| #3 | 2270.113 | 28092.98 | 2767.812 | 1947.462 | 2445.018 |

Sample Name: CCV046      Acquired: 12/17/2024 2:52:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV046      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.933406 | 4.507293 | 23.87508 | 4.836519 | 5.014506 | 388.9885 | 9.810450 |
| Stddev | .015421  | .025070  | .13234   | .035547  | .037512  | .3538    | .028524  |
| %RSD   | .3125806 | .5562076 | .5542885 | .7349730 | .7480764 | .0909609 | .2907521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.918294 | 4.489422 | 23.77737 | 4.806094 | 4.988753 | 388.5817 | 9.777526 |
| #2 | 4.932806 | 4.496506 | 23.82220 | 4.827871 | 4.997221 | 389.2244 | 9.827690 |
| #3 | 4.949118 | 4.535951 | 24.02569 | 4.875592 | 5.057545 | 389.1595 | 9.826135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4923348 | 2.422845 | 386.1087 | 14.93004 | 2.492965 | 14.40720 | 380.1063 |
| Stddev | .0034585 | .010081  | .3075    | .01740   | .008659  | .03174   | 1.0451   |
| %RSD   | .7024715 | .4160775 | .0796350 | .1165221 | .3473290 | .2203336 | .2749545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4923783 | 2.415298 | 385.8683 | 14.94183 | 2.485971 | 14.44374 | 379.2006 |
| #2 | .4888548 | 2.418945 | 386.0027 | 14.91006 | 2.490275 | 14.38646 | 381.2498 |
| #3 | .4957714 | 2.434294 | 386.4552 | 14.93823 | 2.502650 | 14.39139 | 379.8686 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.42539 | 387.0825 | 2.450453 | 1.225384 | 399.8800 | 2.386702 | 14.52963 |
| Stddev | .03281   | 1.1835   | .008993  | .003427  | 3.1172   | .009910  | .08560   |
| %RSD   | .2274509 | .3057449 | .3669746 | .2796478 | .7795244 | .4152209 | .5891199 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.39047 | 385.7160 | 2.443277 | 1.226034 | 397.0429 | 2.376849 | 14.53372 |
| #2 | 14.45557 | 387.7533 | 2.447541 | 1.221679 | 403.2168 | 2.386589 | 14.61311 |
| #3 | 14.43014 | 387.7781 | 2.460541 | 1.228439 | 399.3803 | 2.396668 | 14.44206 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 148.9612 | 4.839070 | 4.823681 | 4.511681 | 4.949019 | 4.762508 | 4.837782 |
| Stddev | .2574    | .022077  | .035671  | .031927  | .022594  | .040786  | .018100  |
| %RSD   | .1728300 | .4562318 | .7394909 | .7076503 | .4565347 | .8563922 | .3741429 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 148.8357 | 4.815908 | 4.813965 | 4.487146 | 4.937468 | 4.760156 | 4.825247 |
| #2 | 149.2574 | 4.841429 | 4.793875 | 4.500118 | 4.934536 | 4.722949 | 4.829566 |
| #3 | 148.7906 | 4.859874 | 4.863203 | 4.547778 | 4.975053 | 4.804419 | 4.858533 |

Sample Name: CCV046      Acquired: 12/17/2024 2:52:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV046      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.834552 | 4.754805 | 4.781091 |
| Stddev | .018195  | .014073  | .007878  |
| %RSD   | .3763562 | .2959659 | .1647702 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.814366 | 4.740034 | 4.773922 |
| #2 | 4.849691 | 4.768056 | 4.789525 |
| #3 | 4.839598 | 4.756323 | 4.779826 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1694.712 | 22567.45 | 2362.919 | 1458.377 | 2162.818 |
| Stddev    | 9.355    | 160.03   | 6.779    | 11.898   | 7.110    |
| %RSD      | .5520103 | .7091255 | .2869023 | .8158510 | .3287328 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1700.071 | 22482.80 | 2355.349 | 1449.083 | 2164.562 |
| #2 | 1700.157 | 22467.52 | 2364.978 | 1454.260 | 2168.893 |
| #3 | 1683.910 | 22752.03 | 2368.430 | 1471.786 | 2154.998 |

Sample Name: P5054-03LX5      Acquired: 12/17/2024 2:48:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0385725 | .0096948 | .6305644 | -.013519 | .0067544 | 19.25399 | .2799275 |
| Stddev | .0030170 | .0046568 | .0061893 | .001601  | .0014459 | .04281   | .0014082 |
| %RSD   | 7.821623 | 48.03353 | .9815439 | 11.84442 | 21.40716 | .2223690 | .5030611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0402353 | .0122051 | .6305048 | -.014847 | .0063013 | 19.30191 | .2810902 |
| #2 | .0350899 | .0043215 | .6244052 | -.013969 | .0083725 | 19.24058 | .2783617 |
| #3 | .0403922 | .0125579 | .6367833 | -.011741 | .0055892 | 19.21949 | .2803306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022420 | .0013682 | 40.62354 | .0315359 | .0480246 | .0947945 | 33.25289 |
| Stddev | .0001083 | .0000598 | .02421   | .0006775 | .0004482 | .0022832 | .10498   |
| %RSD   | 4.830003 | 4.373017 | .0595918 | 2.148439 | .9333543 | 2.408541 | .3156944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023036 | .0013955 | 40.62238 | .0309261 | .0476945 | .0941975 | 33.37038 |
| #2 | .0021170 | .0012996 | 40.64831 | .0314164 | .0478445 | .0973168 | 33.21996 |
| #3 | .0023055 | .0014096 | 40.59993 | .0322653 | .0485349 | .0928691 | 33.16833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.225758 | 8.222089 | .0566475 | -.000856 | 2.977959 | .0644139 | .3629250 |
| Stddev | .004742  | .064264  | .0001980 | .000578  | .433500  | .0064009 | .0041091 |
| %RSD   | .3868648 | .7816040 | .3495411 | 67.48365 | 14.55695 | 9.937206 | 1.132226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.226378 | 8.172864 | .0564779 | -.001499 | 3.433783 | .0582357 | .3587870 |
| #2 | 1.230159 | 8.198612 | .0568651 | -.000378 | 2.570908 | .0639895 | .3670046 |
| #3 | 1.220736 | 8.294791 | .0565996 | -.000692 | 2.929186 | .0710165 | .3629833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.022748 | 1.515844 | .0082327 | .0041892 | .7500870 | 1.587765 | .0124159 |
| Stddev | .090988  | .010800  | .0009897 | .0006048 | .0057885 | .017738  | .0009850 |
| %RSD   | 4.498241 | .7124491 | 12.02191 | 14.43632 | .7717053 | 1.117156 | 7.933651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.086328 | 1.509739 | .0081246 | .0040165 | .7508523 | 1.607879 | .0134168 |
| #2 | 1.918522 | 1.509480 | .0092721 | .0036896 | .7439540 | 1.574361 | .0114475 |
| #3 | 2.063395 | 1.528313 | .0073015 | .0048615 | .7554548 | 1.581055 | .0123835 |

Sample Name: P5054-03LX5      Acquired: 12/17/2024 2:48:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1715717 | .0734534 | .0171329 |
| Stddev | .0016698 | .0002995 | .0034075 |
| %RSD   | .9732390 | .4076836 | 19.88867 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1708911 | .0737410 | .0132129 |
| #2 | .1734743 | .0731433 | .0187982 |
| #3 | .1703496 | .0734759 | .0193875 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2157.634 | 26247.98 | 2557.365 | 1810.538 | 2692.603 |
| Stddev    | 10.946   | 198.39   | 16.594   | 19.707   | 14.158   |
| %RSD      | .5072968 | .7558162 | .6488685 | 1.088485 | .5258122 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2161.217 | 26464.57 | 2538.217 | 1827.374 | 2697.989 |
| #2 | 2166.339 | 26075.09 | 2567.549 | 1788.861 | 2703.278 |
| #3 | 2145.346 | 26204.26 | 2566.328 | 1815.379 | 2676.542 |



Sample Name: CCB046      Acquired: 12/17/2024 2:59:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB046      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000757 | .0019215 | .0021773 | -.000354 | .0029627 | .0079720 | -.003448 |
| Stddev | .003320  | .0003649 | .0039723 | .005326  | .0025679 | .0082673 | .001567  |
| %RSD   | 438.4527 | 18.99180 | 182.4417 | 1504.525 | 86.67125 | 103.7034 | 45.45512 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002070 | .0019754 | .0014843 | .001595  | .0001469 | .0090951 | -.005173 |
| #2 | .003019  | .0022565 | -.001403 | .003723  | .0035661 | .0156204 | -.003061 |
| #3 | -.003221 | .0015326 | .006450  | -.006380 | .0051752 | -.000799 | -.002111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000083 | -.000006 | -.023891 | .0000650 | .0000148 | .0106568 | .0092536 |
| Stddev | .000103  | .000112  | .047521  | .0005150 | .0001031 | .0036498 | .0299203 |
| %RSD   | 123.3561 | 1966.066 | 198.9057 | 792.0731 | 695.0555 | 34.24852 | 323.3355 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000174 | -.000024 | .030612  | .0003806 | .0001337 | .0064666 | .0416936 |
| #2 | -.000105 | -.000107 | -.045640 | .0003438 | -.000050 | .0131425 | .0033273 |
| #3 | .000028  | .000114  | -.056646 | -.000529 | -.000039 | .0123612 | -.017260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000331 | .0145939 | .0002360 | -.000861 | 2.394685 | .0012631 | -.008001 |
| Stddev | .000202  | .0353107 | .0010645 | .001184  | .532536  | .0062968 | .002589  |
| %RSD   | 60.87520 | 241.9553 | 451.0519 | 137.5264 | 22.23823 | 498.5152 | 32.36389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000103 | -.019661 | .0008078 | .000344  | 2.565170 | .0078209 | -.010074 |
| #2 | -.000486 | .012568  | .0008925 | -.000903 | 1.797783 | .0007038 | -.008829 |
| #3 | -.000405 | .050874  | -.000992 | -.002023 | 2.821102 | -.004735 | -.005098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2123576 | .0062840 | .0056611 | -.000081 | -.000747 | .0004774 | .0020806 |
| Stddev | .0743271 | .0008558 | .0027938 | .000220  | .001437  | .0005151 | .0006350 |
| %RSD   | 35.00091 | 13.61890 | 49.35001 | 270.7115 | 192.2605 | 107.8852 | 30.52271 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2363831 | .0055960 | .0059720 | -.000125 | -.000507 | .0009353 | .0025982 |
| #2 | .1289894 | .0060137 | .0082865 | .000157  | .000554  | .0005773 | .0013719 |
| #3 | .2717003 | .0072423 | .0027249 | -.000276 | -.002290 | -.000080 | .0022717 |

Sample Name: CCB046      Acquired: 12/17/2024 2:59:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB046      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707     |
|--------|----------|----------|------------|
| Units  | ppm      | ppm      | ppm        |
| Avg    | -.007596 | .0001749 | F -.017326 |
| Stddev | .001286  | .0003547 | .006451    |
| %RSD   | 16.92393 | 202.7562 | 37.23484   |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.008965 | -.000234 | -.024775 |
| #2 | -.007409 | .000405  | -.013573 |
| #3 | -.006414 | .000354  | -.013630 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2004.740 | 24517.43 | 2383.732 | 1699.805 | 2617.521 |
| Stddev    | 6.076    | 69.59    | 3.464    | 2.501    | 7.632    |
| %RSD      | .3030759 | .2838401 | .1453033 | .1471594 | .2915572 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2008.543 | 24443.02 | 2380.849 | 1696.924 | 2621.910 |
| #2 | 2007.944 | 24580.91 | 2387.574 | 1701.432 | 2621.944 |
| #3 | 1997.732 | 24528.36 | 2382.773 | 1701.058 | 2608.709 |

Sample Name: P5054-06      Acquired: 12/17/2024 3:07:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1375555 | .0491724 | .7384956 | -.026358 | .0286745 | 69.57672 |
| Stddev | .0038651 | .0002288 | .0015639 | .000932  | .0010581 | .29858   |
| %RSD   | 2.809845 | .4652059 | .2117644 | 3.535651 | 3.690081 | .4291445 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1407019 | .0492205 | .7399082 | -.025777 | .0287669 | 69.23214 |
| #2 | .1387234 | .0493733 | .7368151 | -.025864 | .0296833 | 69.73908 |
| #3 | .1332411 | .0489234 | .7387635 | -.027433 | .0275732 | 69.75895 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9360641 | .0069649 | .0082542 | 489.3740 | .1164904 | .1578270 |
| Stddev | .0029873 | .0000884 | .0001729 | 1.6494   | .0002077 | .0002134 |
| %RSD   | .3191349 | 1.268971 | 2.094815 | .3370503 | .1783349 | .1352181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9328417 | .0069500 | .0081558 | 487.6628 | .1162840 | .1578143 |
| #2 | .9366094 | .0070598 | .0081529 | 489.5054 | .1166994 | .1576202 |
| #3 | .9387412 | .0068849 | .0084538 | 490.9538 | .1164878 | .1580464 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2964719 | 178.7350 | 13.43329 | 78.83753 | .1990368 | .0020767 |
| Stddev | .0074158 | .5350    | .04735   | .31219   | .0002729 | .0020050 |
| %RSD   | 2.501357 | .2993480 | .3524790 | .3959924 | .1371357 | 96.54687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3042477 | 178.2207 | 13.39094 | 78.51448 | .1987346 | -.000234 |
| #2 | .2956901 | 178.6957 | 13.42451 | 78.86052 | .1991104 | .003358  |
| #3 | .2894780 | 179.2886 | 13.48441 | 79.13759 | .1992654 | .003106  |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.752049 | .1707209 | 1.421564 | 8.359471 | F 11.40540 | .0589979 |
| Stddev | .467204  | .0076306 | .029499  | .035191  | .03725     | .0017541 |
| %RSD   | 16.97657 | 4.469621 | 2.075080 | .4209743 | .3265671   | 2.973096 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.330263 | .1731314 | 1.426729 | 8.398722 | 11.38821 | .0606650 |
| #2 | 3.254235 | .1768551 | 1.389824 | 8.330738 | 11.37984 | .0571682 |
| #3 | 2.671650 | .1621762 | 1.448139 | 8.348954 | 11.44813 | .0591604 |

Sample Name: P5054-06      Acquired: 12/17/2024 3:07:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083187 | 2.346042 | 7.768692 | .0648033 | .7712782 | .2823344 |
| Stddev | .0001513 | .010377  | .097199  | .0004450 | .0055628 | .0005238 |
| %RSD   | 1.818642 | .4423074 | 1.251160 | .6867166 | .7212461 | .1855189 |
| #1     | .0081813 | 2.340320 | 7.689038 | .0649950 | .7654890 | .2823355 |
| #2     | .0084808 | 2.339785 | 7.876996 | .0642946 | .7765830 | .2818101 |
| #3     | .0082940 | 2.358020 | 7.740044 | .0651204 | .7717627 | .2828577 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0892665 |
| Stddev | .0026404 |
| %RSD   | 2.957900 |
| #1     | .0874255 |
| #2     | .0922917 |
| #3     | .0880823 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2381.934 | 29395.18 | 2977.118 | 2021.984 | 2294.758 |
| Stddev    | 6.898    | 94.34    | 22.559   | 2.659    | 9.319    |
| %RSD      | .2895931 | .3209518 | .7577406 | .1314978 | .4061104 |
| #1        | 2384.240 | 29297.43 | 2997.458 | 2019.573 | 2301.986 |
| #2        | 2387.383 | 29485.70 | 2952.855 | 2024.835 | 2298.047 |
| #3        | 2374.178 | 29402.40 | 2981.042 | 2021.544 | 2284.240 |

Sample Name: P5054-07      Acquired: 12/17/2024 3:11:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1314330 | .0437514 | 1.504267 | -.011359 | .0316741 | 79.42856 | 1.270479 |
| Stddev | .0033243 | .0023688 | .014541  | .006676  | .0031793 | .06628   | .001572  |
| %RSD   | 2.529266 | 5.414158 | .9666211 | 58.77105 | 10.03762 | .0834421 | .1237120 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1306921 | .0456938 | 1.508803 | -.004350 | .0295653 | 79.47544 | 1.272291 |
| #2 | .1285417 | .0411124 | 1.487999 | -.012086 | .0301260 | 79.35274 | 1.269662 |
| #3 | .1350652 | .0444479 | 1.515999 | -.017642 | .0353309 | 79.45751 | 1.269485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072180 | .0071196 | 198.6428 | .1972742 | .1593111 | .2383127 | 191.6547 |
| Stddev | .0001139 | .0002040 | .3496    | .0005694 | .0016644 | .0039890 | .6094    |
| %RSD   | 1.577506 | 2.864845 | .1759944 | .2886500 | 1.044738 | 1.673851 | .3179705 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073042 | .0070847 | 198.9605 | .1977572 | .1588560 | .2349147 | 191.2342 |
| #2 | .0070889 | .0069353 | 198.2683 | .1974191 | .1579215 | .2427047 | 191.3764 |
| #3 | .0072608 | .0073387 | 198.6997 | .1966463 | .1611557 | .2373188 | 192.3536 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.80718 | 42.73762 | .2243430 | .0027590 | 2.599536 | .1818731 | .8037941 |
| Stddev | .04436   | .16142   | .0011964 | .0001830 | .226928  | .0056030 | .0051178 |
| %RSD   | .2806088 | .3777060 | .5333087 | 6.633885 | 8.729568 | 3.080734 | .6367049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.80636 | 42.69314 | .2239135 | .0029702 | 2.850788 | .1755728 | .8071075 |
| #2 | 15.76323 | 42.60310 | .2234206 | .0026467 | 2.538336 | .1862973 | .7978997 |
| #3 | 15.85193 | 42.91662 | .2256949 | .0026601 | 2.409484 | .1837493 | .8063751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.843200 | 7.463884 | .0489756 | .0072213 | 1.995341 | 8.129039 | .0399547 |
| Stddev | .049107  | .045059  | .0028470 | .0002600 | .016107  | .044864  | .0025795 |
| %RSD   | .6261041 | .6036896 | 5.813014 | 3.600807 | .8072371 | .5518995 | 6.456099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.812398 | 7.450812 | .0460796 | .0069271 | 1.990755 | 8.080928 | .0369763 |
| #2 | 7.817372 | 7.426807 | .0490764 | .0073164 | 1.982024 | 8.169731 | .0414694 |
| #3 | 7.899831 | 7.514034 | .0517708 | .0074204 | 2.013243 | 8.136459 | .0414184 |

Sample Name: P5054-07      Acquired: 12/17/2024 3:11:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR4      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7134371 | .1113070 | .0583401 |
| Stddev | .0072004 | .0004322 | .0040030 |
| %RSD   | 1.009262 | .3882800 | 6.861447 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7182381 | .1116619 | .0566056 |
| #2 | .7051579 | .1108257 | .0629178 |
| #3 | .7169154 | .1114333 | .0554969 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2451.382 | 29849.33 | 2977.008 | 2060.078 | 2438.653 |
| Stddev    | 9.974    | 28.98    | 7.754    | 7.189    | 13.981   |
| %RSD      | .4068601 | .0970827 | .2604624 | .3489573 | .5733232 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2447.434 | 29818.03 | 2985.838 | 2065.837 | 2439.535 |
| #2 | 2462.725 | 29854.75 | 2971.311 | 2062.375 | 2452.172 |
| #3 | 2443.986 | 29875.22 | 2973.874 | 2052.021 | 2424.251 |

Sample Name: P5054-08      Acquired: 12/17/2024 3:15:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0937369 | .0291069 | .3258116 | -.001963 | .0294688 | 73.17507 | .8211736 |
| Stddev | .0020665 | .0041098 | .0027058 | .002691  | .0004997 | .05873   | .0033006 |
| %RSD   | 2.204620 | 14.11956 | .8304684 | 137.1258 | 1.695584 | .0802549 | .4019314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0945889 | .0338257 | .3231243 | -.000062 | .0295126 | 73.23135 | .8243345 |
| #2 | .0952412 | .0263110 | .3257750 | -.000784 | .0299452 | 73.17969 | .8214370 |
| #3 | .0913805 | .0271842 | .3285354 | -.005042 | .0289487 | 73.11417 | .8177492 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062377 | .0047806 | 57.33805 | .0976738 | .1264393 | .1678251 | 165.9755 |
| Stddev | .0000441 | .0000986 | .07047   | .0005113 | .0010947 | .0048875 | .3382    |
| %RSD   | .7073113 | 2.061918 | .1229047 | .5234947 | .8658075 | 2.912278 | .2037900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061925 | .0046710 | 57.41941 | .0973017 | .1255302 | .1734293 | 166.2222 |
| #2 | .0062399 | .0048619 | 57.29818 | .0982568 | .1261332 | .1655999 | 166.1144 |
| #3 | .0062807 | .0048088 | 57.29655 | .0974628 | .1276545 | .1644461 | 165.5899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.69212 | 20.96624 | .1294528 | .0033214 | 2.318935 | .1655805 | .4326293 |
| Stddev | .02748   | .01204   | .0007759 | .0007155 | .817557  | .0059142 | .0035052 |
| %RSD   | .1870511 | .0574118 | .5993285 | 21.54317 | 35.25572 | 3.571774 | .8102010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.71503 | 20.95722 | .1293092 | .0041248 | 3.144661 | .1711060 | .4358220 |
| #2 | 14.69967 | 20.96160 | .1302904 | .0027528 | 2.302343 | .1593423 | .4331874 |
| #3 | 14.66165 | 20.97991 | .1287588 | .0030866 | 1.509800 | .1662932 | .4288786 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.166418 | 4.569447 | .0358948 | .0050766 | 1.319734 | 8.107269 | .0243653 |
| Stddev | .179012  | .018442  | .0006543 | .0002497 | .015806  | .075477  | .0010390 |
| %RSD   | 4.296542 | .4035835 | 1.822801 | 4.918637 | 1.197684 | .9309746 | 4.264434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.081243 | 4.561329 | .0364693 | .0051681 | 1.322803 | 8.041364 | .0252399 |
| #2 | 4.372114 | 4.556457 | .0351826 | .0052676 | 1.302618 | 8.189608 | .0246394 |
| #3 | 4.045898 | 4.590555 | .0360325 | .0047940 | 1.333781 | 8.090833 | .0232168 |

Sample Name: P5054-08      Acquired: 12/17/2024 3:15:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7040408 | -.017157 | .0354741 |
| Stddev | .0023228 | .000231  | .0041903 |
| %RSD   | .3299248 | 1.346581 | 11.81224 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7059011 | -.017232 | .0393921 |
| #2 | .7047839 | -.017340 | .0359739 |
| #3 | .7014374 | -.016897 | .0310564 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2338.019 | 28678.55 | 2800.054 | 1988.215 | 2587.680 |
| Stddev    | 5.125    | 145.66   | 10.382   | 16.242   | 8.358    |
| %RSD      | .2191920 | .5079065 | .3707820 | .8168925 | .3229898 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2338.977 | 28517.03 | 2808.680 | 1971.989 | 2588.829 |
| #2 | 2342.597 | 28799.93 | 2788.531 | 2004.472 | 2595.404 |
| #3 | 2332.483 | 28718.68 | 2802.953 | 1988.182 | 2578.807 |



Sample Name: P5054-09      Acquired: 12/17/2024 3:19:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0702084 | .0244159 | .2782609 | -.000546 | .0266613 | 59.98184 | .8133205 |
| Stddev | .0013426 | .0013013 | .0031759 | .004006  | .0027581 | .13474   | .0003981 |
| %RSD   | 1.912345 | 5.329825 | 1.141333 | 734.2989 | 10.34493 | .2246271 | .0489438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0717587 | .0244474 | .2750567 | .002950  | .0235295 | 60.06260 | .8132624 |
| #2 | .0694484 | .0257012 | .2783182 | .000330  | .0287283 | 59.82630 | .8129547 |
| #3 | .0694182 | .0230991 | .2814077 | -.004917 | .0277261 | 60.05662 | .8137444 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055701 | .0045594 | 57.99880 | .0982089 | .1100149 | .1294126 | 152.8044 |
| Stddev | .0000584 | .0001128 | .08777   | .0006117 | .0013578 | .0012209 | .4094    |
| %RSD   | 1.048481 | 2.473529 | .1513250 | .6228928 | 1.234179 | .9433888 | .2679378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055652 | .0046462 | 57.94870 | .0985802 | .1090717 | .1296567 | 152.9180 |
| #2 | .0055142 | .0044319 | 57.94756 | .0975028 | .1094019 | .1304930 | 152.3502 |
| #3 | .0056307 | .0046001 | 58.10014 | .0985436 | .1115711 | .1280881 | 153.1451 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.45710 | 15.49306 | .1029925 | .0015843 | 2.290952 | .1496642 | .3870263 |
| Stddev | .04243   | .13013   | .0008626 | .0006585 | .379817  | .0042454 | .0082978 |
| %RSD   | .3153200 | .8399279 | .8375180 | 41.56354 | 16.57901 | 2.836649 | 2.143991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.44083 | 15.63955 | .1021606 | .0009527 | 1.857318 | .1488898 | .3845812 |
| #2 | 13.42521 | 15.39083 | .1038828 | .0015335 | 2.564622 | .1458592 | .3962720 |
| #3 | 13.50526 | 15.44881 | .1029341 | .0022667 | 2.450916 | .1542435 | .3802258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.386840 | 7.832624 | .0373140 | .0064982 | 1.222055 | 7.461826 | .0229561 |
| Stddev | .102034  | .062426  | .0011256 | .0001361 | .004883  | .053605  | .0015823 |
| %RSD   | 4.274861 | .7970016 | 3.016566 | 2.093997 | .3995593 | .7183853 | 6.892787 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.277723 | 7.773194 | .0379760 | .0063710 | 1.217930 | 7.448108 | .0236332 |
| #2 | 2.479883 | 7.827012 | .0379516 | .0064818 | 1.220787 | 7.416414 | .0211479 |
| #3 | 2.402913 | 7.897667 | .0360143 | .0066417 | 1.227446 | 7.520957 | .0240872 |

Sample Name: P5054-09      Acquired: 12/17/2024 3:19:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7839029 | -.009459 | .0219363 |
| Stddev | .0008626 | .000156  | .0037061 |
| %RSD   | .1100368 | 1.651671 | 16.89481 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7829280 | -.009562 | .0218758 |
| #2 | .7845668 | -.009537 | .0182609 |
| #3 | .7842140 | -.009279 | .0256724 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2345.208 | 28794.96 | 2788.599 | 1988.957 | 2583.008 |
| Stddev    | 10.211   | 104.99   | 5.993    | 15.525   | 16.897   |
| %RSD      | .4353941 | .3646278 | .2149213 | .7805490 | .6541623 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2352.521 | 28754.13 | 2786.047 | 1988.167 | 2597.561 |
| #2 | 2349.562 | 28716.51 | 2795.445 | 1973.843 | 2586.987 |
| #3 | 2333.542 | 28914.23 | 2784.303 | 2004.862 | 2564.477 |

Sample Name: P5054-10      Acquired: 12/17/2024 3:23:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1204875 | .0238458 | 1.930182 | -.005793 | .0298348 | 67.35967 |
| Stddev | .0044081 | .0015215 | .005174  | .005700  | .0016639 | .22248   |
| %RSD   | 3.658563 | 6.380578 | .2680435 | 98.39465 | 5.577073 | .3302933 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1191314 | .0222119 | 1.933126 | -.007488 | .0304556 | 67.48683 |
| #2 | .1254143 | .0252219 | 1.924208 | -.010452 | .0279497 | 67.10277 |
| #3 | .1169168 | .0241036 | 1.933212 | .000562  | .0310990 | 67.48941 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.604347 | .0073609 | .0088692 | 102.4879 | .1376337 | .1106359 |
| Stddev | .006953  | .0001032 | .0000790 | .3881    | .0007446 | .0002531 |
| %RSD   | .4333622 | 1.402543 | .8903185 | .3786900 | .5410219 | .2287388 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.611469 | .0073615 | .0087817 | 102.8449 | .1384179 | .1109249 |
| #2 | 1.597578 | .0072573 | .0088907 | 102.0748 | .1375469 | .1104537 |
| #3 | 1.603995 | .0074638 | .0089351 | 102.5441 | .1369363 | .1105291 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3600120 | 149.2130 | 7.890664 | 32.57384 | .2285590 | .0031686 |
| Stddev | .0034765 | .3864    | .020005  | .11544   | .0007092 | .0006616 |
| %RSD   | .9656538 | .2589284 | .2535269 | .3543884 | .3102921 | 20.88146 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3632752 | 149.3864 | 7.893787 | 32.68236 | .2283459 | .0024323 |
| #2 | .3563557 | 148.7704 | 7.869281 | 32.45255 | .2293503 | .0033603 |
| #3 | .3604053 | 149.4824 | 7.908924 | 32.58661 | .2279808 | .0037133 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.649244 | .2026998 | 1.864428 | 8.021063 | F 16.09532 | .0642080 |
| Stddev | .435833  | .0021771 | .005058  | .144279  | .03053     | .0023823 |
| %RSD   | 16.45121 | 1.074040 | .2713023 | 1.798751 | .1897076   | 3.710224 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.830821 | .2044438 | 1.869790 | 7.871468 | 16.07293 | .0663044 |
| #2 | 2.151980 | .2002598 | 1.859741 | 8.159361 | 16.08293 | .0616174 |
| #3 | 2.964931 | .2033958 | 1.863754 | 8.032361 | 16.13010 | .0647023 |

Sample Name: P5054-10      Acquired: 12/17/2024 3:23:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083407 | 5.040244 | 7.987406 | .1166594 | .9585441 | .1331727 |
| Stddev | .0005350 | .011511  | .011202  | .0014243 | .0055739 | .0008144 |
| %RSD   | 6.413982 | .2283870 | .1402452 | 1.220928 | .5814987 | .6114974 |
| #1     | .0089504 | 5.028997 | 7.991646 | .1180149 | .9625559 | .1339133 |
| #2     | .0079500 | 5.039734 | 7.995868 | .1151750 | .9521795 | .1323006 |
| #3     | .0081216 | 5.052002 | 7.974703 | .1167882 | .9608967 | .1333042 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0796291 |
| Stddev | .0039755 |
| %RSD   | 4.992585 |
| #1     | .0761290 |
| #2     | .0839514 |
| #3     | .0788068 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2395.174 | 29400.61 | 2916.571 | 2025.150 | 2537.814 |
| Stddev    | 8.827    | 104.54   | 5.379    | 10.229   | 9.048    |
| %RSD      | .3685382 | .3555692 | .1844385 | .5050915 | .3565466 |
| #1        | 2385.499 | 29375.20 | 2915.429 | 2019.633 | 2527.856 |
| #2        | 2402.788 | 29515.51 | 2922.430 | 2036.953 | 2545.532 |
| #3        | 2397.236 | 29311.11 | 2911.854 | 2018.864 | 2540.053 |

Sample Name: P5054-11      Acquired: 12/17/2024 3:26:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1961690 | .0289549 | 2.159489 | -.012659 | .0330724 | 78.32073 |
| Stddev | .0002364 | .0020826 | .006851  | .001841  | .0033975 | .15407   |
| %RSD   | .1204922 | 7.192608 | .3172728 | 14.54397 | 10.27302 | .1967191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1962341 | .0289648 | 2.154363 | -.010691 | .0313380 | 78.25799 |
| #2 | .1963660 | .0268673 | 2.156833 | -.012945 | .0308922 | 78.20793 |
| #3 | .1959069 | .0310325 | 2.167271 | -.014340 | .0369871 | 78.49628 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.834277 | .0085682 | .0094499 | 132.9850 | .1432106 | .1348675 |
| Stddev | .006793  | .0000794 | .0001897 | .2005    | .0022425 | .0006516 |
| %RSD   | .3703429 | .9263340 | 2.007198 | .1507665 | 1.565900 | .4831343 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.831964 | .0085069 | .0096648 | 132.7544 | .1412631 | .1345433 |
| #2 | 1.828943 | .0086579 | .0093059 | 133.0826 | .1427064 | .1344416 |
| #3 | 1.841925 | .0085398 | .0093790 | 133.1181 | .1456623 | .1356176 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4552569 | 180.0840 | 11.19922 | 32.15864 | .2396235 | .0034212 |
| Stddev | .0040982 | .4707    | .03252   | .17517   | .0015130 | .0014802 |
| %RSD   | .9002045 | .2613505 | .2904183 | .5447193 | .6314297 | 43.26709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4523045 | 179.8795 | 11.18200 | 32.05536 | .2381629 | .0049494 |
| #2 | .4599359 | 179.7502 | 11.17892 | 32.05967 | .2395237 | .0033199 |
| #3 | .4535303 | 180.6223 | 11.23673 | 32.36090 | .2411840 | .0019942 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.825935 | .2656610 | 1.260402 | 6.961209 | F 16.77944 | .0562002 |
| Stddev | .323103  | .0056918 | .029229  | .153436  | .07113     | .0018565 |
| %RSD   | 11.43350 | 2.142510 | 2.319048 | 2.204164 | .4238946   | 3.303380 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.936181 | .2593398 | 1.264419 | 6.827242 | 16.72084 | .0577461 |
| #2 | 2.462137 | .2672631 | 1.229372 | 6.927780 | 16.75890 | .0541411 |
| #3 | 3.079487 | .2703800 | 1.287415 | 7.128604 | 16.85857 | .0567133 |

Sample Name: P5054-11      Acquired: 12/17/2024 3:26:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKR9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083619 | 3.857746 | 8.261427 | .1465394 | .9278585 | .2282252 |
| Stddev | .0003540 | .016481  | .059862  | .0024270 | .0055480 | .0002365 |
| %RSD   | 4.232923 | .4272197 | .7245904 | 1.656214 | .5979343 | .1036312 |
| #1     | .0086807 | 3.844824 | 8.192566 | .1444038 | .9242268 | .2281161 |
| #2     | .0079810 | 3.852107 | 8.301051 | .1460357 | .9251039 | .2280630 |
| #3     | .0084241 | 3.876306 | 8.290665 | .1491787 | .9342447 | .2284966 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1049225 |
| Stddev | .0019068 |
| %RSD   | 1.817376 |
| #1     | .1034400 |
| #2     | .1070736 |
| #3     | .1042539 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2431.321 | 29571.82 | 2960.868 | 2042.607 | 2516.965 |
| Stddev    | 2.532    | 233.78   | 13.970   | 18.963   | 3.737    |
| %RSD      | .1041414 | .7905330 | .4718241 | .9283678 | .1484717 |
| #1        | 2429.188 | 29685.12 | 2972.945 | 2052.227 | 2517.303 |
| #2        | 2434.119 | 29727.36 | 2945.568 | 2054.832 | 2520.522 |
| #3        | 2430.655 | 29302.98 | 2964.090 | 2020.763 | 2513.071 |

Sample Name: P5054-12      Acquired: 12/17/2024 3:30:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1942663 | .0322134 | 1.547280 | -.007634 | .0294776 | 69.87321 |
| Stddev | .0039584 | .0015213 | .019981  | .001276  | .0011959 | .12503   |
| %RSD   | 2.037643 | 4.722431 | 1.291348 | 16.71365 | 4.056942 | .1789372 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1987089 | .0339682 | 1.524598 | -.007928 | .0284369 | 69.75402 |
| #2 | .1911138 | .0314045 | 1.554963 | -.006237 | .0307840 | 70.00335 |
| #3 | .1929764 | .0312675 | 1.562278 | -.008738 | .0292119 | 69.86227 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.653673 | .0071830 | .0080677 | 112.5199 | .1441154 | .1229294 |
| Stddev | .002548  | .0002201 | .0000829 | .2091    | .0008278 | .0017028 |
| %RSD   | .1540643 | 3.064419 | 1.027372 | .1858263 | .5744368 | 1.385202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.650874 | .0069873 | .0079959 | 112.2888 | .1432190 | .1209738 |
| #2 | 1.655858 | .0074213 | .0081584 | 112.5749 | .1442759 | .1240839 |
| #3 | 1.654285 | .0071404 | .0080489 | 112.6960 | .1448512 | .1237306 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5034784 | 179.3595 | 12.82967 | 23.86388 | .1831238 | .0042336 |
| Stddev | .0069836 | .0985    | .01404   | .12745   | .0025571 | .0001409 |
| %RSD   | 1.387064 | .0549090 | .1093974 | .5340761 | 1.396366 | 3.328800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4959699 | 179.3088 | 12.82897 | 23.71861 | .1802377 | .0040883 |
| #2 | .5046856 | 179.2967 | 12.81599 | 23.91609 | .1851069 | .0042427 |
| #3 | .5097797 | 179.4730 | 12.84404 | 23.95693 | .1840266 | .0043698 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.792036 | .2122027 | 1.007736 | 6.980129 | F 11.57699 | .0511772 |
| Stddev | .574638  | .0026600 | .015800  | .107761  | .13459     | .0010276 |
| %RSD   | 20.58133 | 1.253525 | 1.567874 | 1.543829 | 1.162593   | 2.007839 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.805028 | .2130638 | 1.016887 | 6.857637 | 11.42237 | .0520179 |
| #2 | 2.211013 | .2092188 | .989492  | 7.022424 | 11.64071 | .0500317 |
| #3 | 3.360069 | .2143254 | 1.016830 | 7.060327 | 11.66789 | .0514819 |

Sample Name: P5054-12      Acquired: 12/17/2024 3:30:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091507 | 2.915318 | 8.311773 | .4145824 | .8139835 | .1245126 |
| Stddev | .0002712 | .034651  | .034042  | .0044424 | .0019082 | .0004293 |
| %RSD   | 2.963520 | 1.188593 | .4095599 | 1.071524 | .2344299 | .3447698 |
| #1     | .0091183 | 2.875447 | 8.287408 | .4097770 | .8117834 | .1248769 |
| #2     | .0088972 | 2.932342 | 8.350669 | .4185394 | .8149787 | .1246217 |
| #3     | .0094366 | 2.938164 | 8.297242 | .4154308 | .8151884 | .1240394 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0821938 |
| Stddev | .0039684 |
| %RSD   | 4.828060 |
| #1     | .0818122 |
| #2     | .0784300 |
| #3     | .0863392 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2426.955 | 29708.80 | 2953.261 | 2060.588 | 2546.359 |
| Stddev    | 14.901   | 100.29   | 12.298   | 3.769    | 17.985   |
| %RSD      | .6139706 | .3375879 | .4164366 | .1829212 | .7062983 |
| #1        | 2443.304 | 29804.58 | 2967.094 | 2064.580 | 2566.136 |
| #2        | 2423.426 | 29717.30 | 2943.564 | 2057.091 | 2541.957 |
| #3        | 2414.136 | 29604.53 | 2949.124 | 2060.094 | 2530.983 |



Sample Name: P5054-13      Acquired: 12/17/2024 3:34:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1570822 | .0516677 | .9884463 | .0066120 | .0355732 | 82.61529 |
| Stddev | .0032337 | .0008989 | .0055924 | .0045128 | .0011495 | .12099   |
| %RSD   | 2.058590 | 1.739808 | .5657806 | 68.25177 | 3.231453 | .1464542 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1552026 | .0508915 | .9835611 | .0104344 | .0344490 | 82.54635 |
| #2 | .1552280 | .0514591 | .9872315 | .0016336 | .0355241 | 82.75500 |
| #3 | .1608161 | .0526526 | .9945463 | .0077680 | .0367465 | 82.54452 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.016294 | .0076710 | .0102973 | 75.67228 | .1318249 | .1538559 |
| Stddev | .001374  | .0001775 | .0000539 | .20203   | .0003517 | .0003486 |
| %RSD   | .0681207 | 2.313761 | .5233803 | .2669823 | .2667763 | .2265487 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.014928 | .0077623 | .0103433 | 75.60975 | .1317648 | .1535361 |
| #2 | 2.017675 | .0074665 | .0102380 | 75.89818 | .1315072 | .1538041 |
| #3 | 2.016278 | .0077842 | .0103106 | 75.50890 | .1322028 | .1542274 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3723516 | 200.1299 | 22.44546 | 26.67789 | .1980159 | .0065982 |
| Stddev | .0080021 | .1273    | .02475   | .15226   | .0012352 | .0003700 |
| %RSD   | 2.149061 | .0636093 | .1102848 | .5707300 | .6237666 | 5.607950 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3764231 | 200.0654 | 22.43791 | 26.65233 | .1972018 | .0065348 |
| #2 | .3774991 | 200.0477 | 22.42537 | 26.54004 | .1974087 | .0069959 |
| #3 | .3631325 | 200.2765 | 22.47311 | 26.84132 | .1994371 | .0062640 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.967129 | .1879172 | .8024189 | 7.392764 | F 10.80226 | .0473644 |
| Stddev | .771173  | .0026558 | .0066522 | .092340  | .04340     | .0022019 |
| %RSD   | 25.99053 | 1.413301 | .8290216 | 1.249055 | .4017577   | 4.648897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.705690 | .1884525 | .8055511 | 7.316748 | 10.76697 | .0494863 |
| #2 | 3.028666 | .1902646 | .8069268 | 7.366020 | 10.78908 | .0475164 |
| #3 | 2.167032 | .1850345 | .7947787 | 7.495524 | 10.85071 | .0450904 |

Sample Name: P5054-13      Acquired: 12/17/2024 3:34:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140918 | 2.730656 | 6.625178 | .1066743 | .6329895 | .0153508 |
| Stddev | .0004079 | .005032  | .052580  | .0007370 | .0053522 | .0003318 |
| %RSD   | 2.894772 | .1842700 | .7936400 | .6908570 | .8455488 | 2.161375 |
| #1     | .0139038 | 2.733547 | 6.628269 | .1060485 | .6269895 | .0150003 |
| #2     | .0145598 | 2.724846 | 6.571120 | .1064877 | .6347066 | .0156600 |
| #3     | .0138117 | 2.733576 | 6.676144 | .1074866 | .6372725 | .0153921 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0866921 |
| Stddev | .0010960 |
| %RSD   | 1.264275 |
| #1     | .0854841 |
| #2     | .0869694 |
| #3     | .0876229 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2618.298 | 32063.37 | 3183.898 | 2222.073 | 2532.062 |
| Stddev    | 11.551   | 58.73    | 13.894   | 5.117    | 11.457   |
| %RSD      | .4411773 | .1831700 | .4363953 | .2302871 | .4524868 |
| #1        | 2631.429 | 32014.66 | 3175.736 | 2217.610 | 2543.066 |
| #2        | 2613.760 | 32046.85 | 3199.941 | 2220.950 | 2532.920 |
| #3        | 2609.705 | 32128.59 | 3176.017 | 2227.658 | 2520.200 |

Sample Name: P5054-14      Acquired: 12/17/2024 3:38:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1446413 | .0492291 | .4992538 | .0034758 | .0319002 | 78.86649 | 1.647795 |
| Stddev | .0038424 | .0035084 | .0013646 | .0027557 | .0018723 | .23412   | .003880  |
| %RSD   | 2.656480 | 7.126708 | .2733350 | 79.28332 | 5.869290 | .2968511 | .2354528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1489027 | .0460694 | .4988868 | .0012933 | .0322586 | 79.05664 | 1.648017 |
| #2 | .1414410 | .0530047 | .4981101 | .0065724 | .0335675 | 78.60500 | 1.643809 |
| #3 | .1435802 | .0486134 | .5007643 | .0025616 | .0298746 | 78.93782 | 1.651559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071286 | .0090257 | 50.73548 | .1141835 | .1328090 | .2678492 | 179.9467 |
| Stddev | .0000198 | .0000859 | .17878   | .0011048 | .0001979 | .0057123 | .7994    |
| %RSD   | .2775905 | .9514845 | .3523816 | .9675525 | .1489899 | 2.132659 | .4442226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071480 | .0090038 | 50.78526 | .1129087 | .1329835 | .2661420 | 180.0440 |
| #2 | .0071084 | .0091203 | 50.53709 | .1148629 | .1325940 | .2742205 | 179.1032 |
| #3 | .0071293 | .0089528 | 50.88410 | .1147788 | .1328495 | .2631852 | 180.6930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.52508 | 21.11173 | .1802500 | .0062432 | 3.151588 | .1618180 | .5833572 |
| Stddev | .09272   | .12604   | .0011935 | .0003014 | .249036  | .0036535 | .0062514 |
| %RSD   | .4116408 | .5970260 | .6621251 | 4.827710 | 7.901923 | 2.257806 | 1.071622 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.51503 | 21.06291 | .1789204 | .0059418 | 2.876052 | .1656516 | .5766354 |
| #2 | 22.43780 | 21.01741 | .1812287 | .0062432 | 3.218092 | .1614262 | .5889970 |
| #3 | 22.62242 | 21.25489 | .1806008 | .0065446 | 3.360622 | .1583761 | .5844392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.262187 | 8.936265 | .0425465 | .0150919 | 2.155968 | 8.507203 | .0586649 |
| Stddev | .121251  | .033357  | .0006946 | .0006592 | .007694  | .068485  | .0015019 |
| %RSD   | 1.936241 | .3732729 | 1.632587 | 4.368025 | .3568499 | .8050248 | 2.560162 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.229090 | 8.947198 | .0432517 | .0143539 | 2.162720 | 8.581258 | .0590910 |
| #2 | 6.160921 | 8.898814 | .0418630 | .0156226 | 2.147592 | 8.446152 | .0599077 |
| #3 | 6.396550 | 8.962784 | .0425250 | .0152991 | 2.157590 | 8.494199 | .0569959 |

Sample Name: P5054-14      Acquired: 12/17/2024 3:38:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5490606 | -.008693 | .0707463 |
| Stddev | .0074554 | .000264  | .0004667 |
| %RSD   | 1.357841 | 3.033285 | .6596874 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5450225 | -.008886 | .0704253 |
| #2 | .5444953 | -.008393 | .0712817 |
| #3 | .5576639 | -.008801 | .0705320 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | ln2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2599.397 | 31957.07 | 3140.122 | 2211.528 | 2526.381 |
| Stddev    | 12.413   | 56.80    | 25.331   | 10.006   | 8.057    |
| %RSD      | .4775447 | .1777392 | .8067036 | .4524500 | .3189054 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2598.968 | 32020.91 | 3113.808 | 2215.199 | 2526.891 |
| #2 | 2612.019 | 31912.11 | 3164.341 | 2219.180 | 2534.171 |
| #3 | 2587.204 | 31938.20 | 3142.217 | 2200.205 | 2518.081 |

Sample Name: P5054-15      Acquired: 12/17/2024 3:42:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0757882 | .0336588 | .2415366 | -.015695 | .0201465 | 49.50011 | 1.023390 |
| Stddev | .0021022 | .0028395 | .0005729 | .003163  | .0007024 | .12240   | .002747  |
| %RSD   | 2.773785 | 8.436184 | .2372030 | 20.15047 | 3.486194 | .2472660 | .2684645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0772190 | .0322509 | .2421870 | -.015187 | .0193406 | 49.60527 | 1.022957 |
| #2 | .0733746 | .0369271 | .2411065 | -.012817 | .0206277 | 49.52930 | 1.026328 |
| #3 | .0767709 | .0317983 | .2413164 | -.019080 | .0204714 | 49.36576 | 1.020885 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045575 | .0030771 | 146.4998 | .0778970 | .0986236 | .1494114 | 127.3185 |
| Stddev | .0000753 | .0000125 | .2456    | .0005862 | .0007348 | .0062580 | .1785    |
| %RSD   | 1.652485 | .4053369 | .1676687 | .7525101 | .7450957 | 4.188428 | .1402190 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046119 | .0030662 | 146.7442 | .0775205 | .0989108 | .1523018 | 127.2412 |
| #2 | .0044716 | .0030745 | 146.5024 | .0785724 | .0977885 | .1422306 | 127.5227 |
| #3 | .0045891 | .0030907 | 146.2529 | .0775983 | .0991714 | .1537017 | 127.1917 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.320065 | 46.29136 | .1191321 | .0020339 | 2.452117 | .1207930 | .3240513 |
| Stddev | .017371  | .08181   | .0010446 | .0007453 | .524435  | .0024799 | .0127909 |
| %RSD   | .1863880 | .1767364 | .8768474 | 36.64594 | 21.38704 | 2.053061 | 3.947174 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.324566 | 46.35749 | .1203131 | .0020963 | 2.817377 | .1208136 | .3093280 |
| #2 | 9.334744 | 46.31671 | .1183292 | .0012594 | 1.851192 | .1183028 | .3304001 |
| #3 | 9.300886 | 46.19987 | .1187539 | .0027462 | 2.687784 | .1232626 | .3324257 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.424930 | 6.129039 | .0318160 | .0034717 | .9349785 | 6.844197 | .0257753 |
| Stddev | .030644  | .018550  | .0014878 | .0003029 | .0108547 | .026066  | .0018890 |
| %RSD   | .8947215 | .3026640 | 4.676200 | 8.723649 | 1.160959 | .3808451 | 7.328837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.445583 | 6.130085 | .0334375 | .0032197 | .9462930 | 6.848501 | .0260275 |
| #2 | 3.439486 | 6.109987 | .0305137 | .0033876 | .9339917 | 6.867843 | .0237728 |
| #3 | 3.389721 | 6.147044 | .0314969 | .0038077 | .9246509 | 6.816247 | .0275256 |

Sample Name: P5054-15      Acquired: 12/17/2024 3:42:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKS3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6724907 | .0375832 | .0371333 |
| Stddev | .0020532 | .0001290 | .0044181 |
| %RSD   | .3053155 | .3432689 | 11.89790 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6723904 | .0376782 | .0344836 |
| #2 | .6745923 | .0374364 | .0346827 |
| #3 | .6704895 | .0376352 | .0422335 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2417.394 | 29640.57 | 2914.039 | 2041.623 | 2580.479 |
| Stddev    | 5.622    | 75.48    | 13.765   | 8.257    | 5.432    |
| %RSD      | .2325778 | .2546565 | .4723834 | .4044389 | .2105022 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2414.556 | 29559.60 | 2905.475 | 2032.174 | 2578.598 |
| #2 | 2423.870 | 29653.10 | 2906.725 | 2045.244 | 2586.602 |
| #3 | 2413.757 | 29709.00 | 2929.918 | 2047.452 | 2576.238 |

Sample Name: P5054-16      Acquired: 12/17/2024 3:45:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0947252 | .0288636 | 1.253870 | -.016162 | .0219096 | 54.74347 |
| Stddev | .0037585 | .0038976 | .007816  | .004942  | .0025956 | .03038   |
| %RSD   | 3.967808 | 13.50370 | .6233696 | 30.57927 | 11.84708 | .0554936 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0947340 | .0289118 | 1.251183 | -.020739 | .0224606 | 54.71713 |
| #2 | .0909623 | .0327369 | 1.247752 | -.016825 | .0241855 | 54.77670 |
| #3 | .0984793 | .0249421 | 1.262676 | -.010921 | .0190827 | 54.73657 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.244590 | .0058106 | .0075426 | 153.5925 | .1418392 | .0989587 |
| Stddev | .003577  | .0001296 | .0001123 | .2356    | .0006148 | .0005740 |
| %RSD   | .2874292 | 2.230536 | 1.488332 | .1533705 | .4334747 | .5800428 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.242305 | .0057308 | .0075853 | 153.4311 | .1422950 | .0993895 |
| #2 | 1.248713 | .0057408 | .0074152 | 153.4836 | .1411399 | .0983071 |
| #3 | 1.242752 | .0059601 | .0076272 | 153.8628 | .1420827 | .0991795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3076065 | 135.5948 | 7.329461 | 32.65597 | .1535733 | .0035292 |
| Stddev | .0115715 | .1912    | .013864  | .09198   | .0004334 | .0010485 |
| %RSD   | 3.761781 | .1409841 | .1891589 | .2816619 | .2822313 | 29.70998 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3170652 | 135.4407 | 7.320376 | 32.55741 | .1538902 | .0047399 |
| #2 | .2947041 | 135.8087 | 7.345419 | 32.67099 | .1530794 | .0029182 |
| #3 | .3110504 | 135.5349 | 7.322588 | 32.73952 | .1537503 | .0029294 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.673798 | .1431882 | 1.419197 | 10.44499 | F 14.46146 | .0590550 |
| Stddev | .400968  | .0063159 | .014751  | .06730   | .06154     | .0013132 |
| %RSD   | 14.99622 | 4.410927 | 1.039416 | .6443669 | .4255407   | 2.223670 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.380697 | .1377137 | 1.428020 | 10.51971 | 14.42565 | .0602822 |
| #2 | 2.509954 | .1500983 | 1.402167 | 10.42616 | 14.42622 | .0592129 |
| #3 | 3.130743 | .1417525 | 1.427403 | 10.38911 | 14.53252 | .0576701 |

Sample Name: P5054-16      Acquired: 12/17/2024 3:45:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069641 | 4.385328 | 7.750724 | .1173256 | .8097838 | .1211039 |
| Stddev | .0000699 | .021601  | .016571  | .0012841 | .0083267 | .0003196 |
| %RSD   | 1.004258 | .4925653 | .2137983 | 1.094480 | 1.028266 | .2638771 |
| #1     | .0069247 | 4.390284 | 7.736885 | .1160318 | .8067320 | .1208173 |
| #2     | .0069229 | 4.361680 | 7.769087 | .1173454 | .8192059 | .1210460 |
| #3     | .0070449 | 4.404020 | 7.746201 | .1185998 | .8034136 | .1214485 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0448252 |
| Stddev | .0034929 |
| %RSD   | 7.792201 |
| #1     | .0423557 |
| #2     | .0488216 |
| #3     | .0432984 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2320.359 | 28540.42 | 2804.954 | 1974.388 | 2546.327 |
| Stddev    | 1.292    | 112.20   | 11.755   | 8.518    | .676     |
| %RSD      | .0556874 | .3931245 | .4190930 | .4314137 | .0265428 |
| #1        | 2320.938 | 28411.76 | 2796.058 | 1964.699 | 2546.422 |
| #2        | 2318.879 | 28617.90 | 2800.524 | 1977.763 | 2546.950 |
| #3        | 2321.260 | 28591.61 | 2818.281 | 1980.700 | 2545.609 |



Sample Name: P5054-17      Acquired: 12/17/2024 3:49:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1252206 | .0272166 | 1.612685 | -.011175 | .0253244 | 63.67617 |
| Stddev | .0055416 | .0022534 | .007464  | .003101  | .0006401 | .17679   |
| %RSD   | 4.425487 | 8.279450 | .4628430 | 27.74737 | 2.527686 | .2776433 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1283766 | .0268621 | 1.612979 | -.012116 | .0252365 | 63.61849 |
| #2 | .1284633 | .0251616 | 1.605078 | -.007713 | .0260039 | 63.87460 |
| #3 | .1188219 | .0296263 | 1.619997 | -.013696 | .0247327 | 63.53543 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.469128 | .0069111 | .0091795 | 155.0283 | .1773010 | .1128865 |
| Stddev | .003178  | .0001351 | .0001586 | .5899    | .0006586 | .0002847 |
| %RSD   | .2162856 | 1.954708 | 1.727403 | .3805394 | .3714641 | .2521744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.466249 | .0069627 | .0092879 | 155.2032 | .1772447 | .1131743 |
| #2 | 1.472537 | .0070129 | .0089975 | 155.5110 | .1766724 | .1126050 |
| #3 | 1.468598 | .0067579 | .0092530 | 154.3706 | .1779860 | .1128801 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3820008 | 153.9329 | 8.290493 | 37.37887 | .1975815 | .0035598 |
| Stddev | .0046595 | .2440    | .015388  | .10137   | .0001348 | .0008912 |
| %RSD   | 1.219754 | .1585053 | .1856153 | .2712089 | .0682052 | 25.03542 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3855232 | 153.7554 | 8.285275 | 37.28370 | .1974649 | .0029168 |
| #2 | .3837617 | 154.2111 | 8.307811 | 37.48548 | .1975505 | .0031854 |
| #3 | .3767175 | 153.8321 | 8.278391 | 37.36742 | .1977290 | .0045771 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.772231 | .1737439 | 1.611694 | 10.53052 | F 18.09050 | .0614282 |
| Stddev | .399484  | .0066168 | .011881  | .13943   | .06428     | .0013850 |
| %RSD   | 14.41021 | 3.808345 | .7371903 | 1.324102 | .3553164   | 2.254728 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.374573 | .1800903 | 1.608679 | 10.38815 | 18.06304 | .0603348 |
| #2 | 2.768603 | .1742548 | 1.601611 | 10.66682 | 18.04451 | .0629857 |
| #3 | 3.173516 | .1668864 | 1.624792 | 10.53658 | 18.16395 | .0609641 |

Sample Name: P5054-17      Acquired: 12/17/2024 3:49:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068945 | 4.157149 | 8.196394 | .1445623 | .8808696 | .1454180 |
| Stddev | .0002875 | .014208  | .041501  | .0004318 | .0042630 | .0005916 |
| %RSD   | 4.170510 | .3417766 | .5063321 | .2986667 | .4839507 | .4067965 |
| #1     | .0070121 | 4.149402 | 8.168514 | .1449715 | .8771631 | .1454508 |
| #2     | .0071046 | 4.148499 | 8.244088 | .1441110 | .8799175 | .1459924 |
| #3     | .0065668 | 4.173547 | 8.176579 | .1446044 | .8855281 | .1448107 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0594034 |
| Stddev | .0021386 |
| %RSD   | 3.600129 |
| #1     | .0606050 |
| #2     | .0606710 |
| #3     | .0569343 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2359.632 | 28995.73 | 2871.757 | 2003.956 | 2517.727 |
| Stddev    | .324     | 59.94    | 18.052   | 4.443    | 1.908    |
| %RSD      | .0137312 | .2067040 | .6286127 | .2216901 | .0757938 |
| #1        | 2359.499 | 29055.83 | 2890.784 | 2006.449 | 2518.609 |
| #2        | 2360.001 | 28995.39 | 2854.871 | 2006.592 | 2519.034 |
| #3        | 2359.396 | 28935.97 | 2869.616 | 1998.827 | 2515.537 |

Sample Name: P5054-19      Acquired: 12/17/2024 3:57:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1191116 | .0351508 | .3943908 | -.023846 | .0301387 | 72.79640 |
| Stddev | .0014633 | .0042801 | .0024283 | .000417  | .0015764 | .11087   |
| %RSD   | 1.228482 | 12.17641 | .6157081 | 1.748425 | 5.230553 | .1523040 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1208008 | .0304487 | .3969458 | -.023807 | .0308698 | 72.84827 |
| #2 | .1182360 | .0388198 | .3921130 | -.023451 | .0283295 | 72.87183 |
| #3 | .1182978 | .0361839 | .3941134 | -.024282 | .0312169 | 72.66910 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.174478 | .0070506 | .0053318 | 353.0031 | .1246375 | .1330014 |
| Stddev | .001458  | .0000374 | .0002251 | .9082    | .0003170 | .0001651 |
| %RSD   | .1241049 | .5300087 | 4.221094 | .2572664 | .2543562 | .1241190 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.175641 | .0070636 | .0053283 | 353.7893 | .1247723 | .1329342 |
| #2 | 1.174950 | .0070798 | .0051085 | 353.2109 | .1242753 | .1328805 |
| #3 | 1.172843 | .0070085 | .0055586 | 352.0090 | .1248649 | .1331895 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1766294 | 189.0095 | 9.839233 | 87.20721 | .1675558 | .0018743 |
| Stddev | .0033465 | .4837    | .028341  | .45690   | .0003188 | .0003009 |
| %RSD   | 1.894668 | .2559126 | .2880423 | .5239290 | .1902352 | 16.05544 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1781723 | 189.0204 | 9.835503 | 87.47688 | .1679188 | .0015336 |
| #2 | .1727897 | 189.4877 | 9.869255 | 87.46508 | .1674270 | .0021040 |
| #3 | .1789261 | 188.5205 | 9.812942 | 86.67967 | .1673216 | .0019852 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.904514 | .1939056 | .4678492 | 7.556560 | F 10.11521 | .0470327 |
| Stddev | .328655  | .0031694 | .0080530 | .056435  | .02444     | .0020380 |
| %RSD   | 17.25666 | 1.634490 | 1.721272 | .7468337 | .2416413   | 4.333228 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.086347 | .1944791 | .4698771 | 7.614797 | 10.09556 | .0485659 |
| #2 | 1.525124 | .1904886 | .4589761 | 7.552763 | 10.10749 | .0447200 |
| #3 | 2.102071 | .1967490 | .4746944 | 7.502119 | 10.14258 | .0478123 |

Sample Name: P5054-19      Acquired: 12/17/2024 3:57:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036810 | 1.498724 | 7.990407 | .0777063 | .9919757 | .1069381 |
| Stddev | .0003077 | .013788  | .081134  | .0010518 | .0052921 | .0007730 |
| %RSD   | 8.360370 | .9199605 | 1.015387 | 1.353514 | .5334963 | .7228902 |
| #1     | .0036334 | 1.483051 | 8.016634 | .0789203 | .9870764 | .1075932 |
| #2     | .0040098 | 1.504138 | 8.055183 | .0771282 | .9975883 | .1071358 |
| #3     | .0033998 | 1.508983 | 7.899404 | .0770703 | .9912624 | .1060855 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0807232 |
| Stddev | .0011591 |
| %RSD   | 1.435828 |
| #1     | .0819917 |
| #2     | .0797194 |
| #3     | .0804584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2380.715 | 29223.49 | 2942.688 | 2014.175 | 2352.729 |
| Stddev    | 6.831    | 105.24   | 21.539   | 9.129    | 8.514    |
| %RSD      | .2869427 | .3601126 | .7319512 | .4532451 | .3618672 |
| #1        | 2381.159 | 29216.17 | 2928.693 | 2014.825 | 2352.479 |
| #2        | 2387.314 | 29332.20 | 2931.879 | 2022.961 | 2361.366 |
| #3        | 2373.673 | 29122.10 | 2967.491 | 2004.738 | 2344.344 |

Sample Name: P5056-01      Acquired: 12/17/2024 4:09:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1092857 | .0146530 | 1.235549 | -.010199 | .0251115 | 51.68244 |
| Stddev | .0026406 | .0024663 | .007634  | .000638  | .0010224 | .65500   |
| %RSD   | 2.416257 | 16.83106 | .6178406 | 6.258267 | 4.071381 | 1.267360 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1123206 | .0138289 | 1.237251 | -.010935 | .0251681 | 52.39505 |
| #2 | .1075134 | .0127043 | 1.227209 | -.009857 | .0261045 | 51.10665 |
| #3 | .1080230 | .0174258 | 1.242189 | -.009804 | .0240620 | 51.54562 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.207278 | .0063231 | .0063693 | 78.00653 | .1019736 | .0903086 |
| Stddev | .015690  | .0000569 | .0000406 | 1.05916  | .0013803 | .0005683 |
| %RSD   | 1.299610 | .8996882 | .6372268 | 1.357779 | 1.353603 | .6292429 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.223150 | .0063498 | .0063979 | 79.12972 | .1019872 | .0909590 |
| #2 | 1.191777 | .0062578 | .0063228 | 77.02583 | .1033470 | .0900586 |
| #3 | 1.206906 | .0063618 | .0063871 | 77.86403 | .1005865 | .0899083 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2605993 | 149.2843 | 5.645756 | 27.97549 | .1617117 | .0017829 |
| Stddev | .0056038 | 1.7905   | .071095  | .32441   | .0004762 | .0003548 |
| %RSD   | 2.150365 | 1.199396 | 1.259257 | 1.159617 | .2944662 | 19.89866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2664025 | 151.1183 | 5.721764 | 28.31940 | .1611645 | .0021685 |
| #2 | .2552188 | 147.5407 | 5.580890 | 27.67494 | .1620323 | .0017098 |
| #3 | .2601766 | 149.1938 | 5.634616 | 27.93213 | .1619382 | .0014703 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.668593 | .1534425 | 1.093041 | 6.703575 | F 13.22928 | .0426291 |
| Stddev | .310663  | .0035883 | .009275  | .135962  | .03274     | .0013686 |
| %RSD   | 11.64144 | 2.338520 | .8485937 | 2.028204 | .2474853   | 3.210556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.002146 | .1497156 | 1.087130 | 6.784473 | 13.21201 | .0439295 |
| #2 | 2.616132 | .1568739 | 1.088262 | 6.546604 | 13.20879 | .0412012 |
| #3 | 2.387501 | .1537379 | 1.103732 | 6.779648 | 13.26704 | .0427565 |

Sample Name: P5056-01      Acquired: 12/17/2024 4:09:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081135 | 4.289707 | 7.343843 | .0659171 | .6622412 | .0713755 |
| Stddev | .0005130 | .019133  | .099886  | .0006408 | .0044140 | .0007078 |
| %RSD   | 6.322717 | .4460146 | 1.360134 | .9722014 | .6665274 | .9916384 |
| #1     | .0076915 | 4.280667 | 7.456617 | .0666441 | .6672888 | .0720191 |
| #2     | .0079644 | 4.276768 | 7.266510 | .0656731 | .6591051 | .0706175 |
| #3     | .0086845 | 4.311684 | 7.308403 | .0654340 | .6603298 | .0714901 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0437960 |
| Stddev | .0051792 |
| %RSD   | 11.82573 |
| #1     | .0470192 |
| #2     | .0378218 |
| #3     | .0465470 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2379.936 | 29265.25 | 2902.379 | 2037.739 | 2640.079 |
| Stddev    | 7.260    | 148.64   | 44.700   | 4.458    | 7.365    |
| %RSD      | .3050389 | .5078976 | 1.540128 | .2187912 | .2789652 |
| #1        | 2383.544 | 29096.60 | 2850.775 | 2034.652 | 2643.476 |
| #2        | 2384.686 | 29321.98 | 2927.262 | 2042.850 | 2645.132 |
| #3        | 2371.579 | 29377.17 | 2929.102 | 2035.714 | 2631.629 |

Sample Name: P5054-20      Acquired: 12/17/2024 4:01:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0834386 | .0561994 | .3295215 | -.049934 | .0117878 | 40.47384 |
| Stddev | .0024439 | .0018812 | .0011444 | .002602  | .0012484 | .20539   |
| %RSD   | 2.928944 | 3.347294 | .3472837 | 5.211090 | 10.59060 | .5074520 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0815416 | .0540679 | .3282647 | -.052668 | .0131486 | 40.36558 |
| #2 | .0861964 | .0576277 | .3305033 | -.049647 | .0106953 | 40.71071 |
| #3 | .0825778 | .0569025 | .3297967 | -.047488 | .0115196 | 40.34524 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7069909 | .0040750 | .0043738 | F 1710.807 | .0700195 | .1218639 |
| Stddev | .0025421 | .0001159 | .0002129 | 14.778     | .0005361 | .0003777 |
| %RSD   | .3595692 | 2.844346 | 4.866602 | .8638224   | .7655804 | .3099597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7058852 | .0040662 | .0042398 | 1715.169 | .0705365 | .1214598 |
| #2 | .7098986 | .0041950 | .0042624 | 1722.914 | .0694662 | .1222081 |
| #3 | .7051889 | .0039637 | .0046193 | 1694.339 | .0700559 | .1219239 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2269994 | 134.8011 | 10.21261 | 235.3292 | .1409534 | -.001344 |
| Stddev | .0030992 | .7257    | .03931   | 1.0769   | .0003926 | .000696  |
| %RSD   | 1.365280 | .5383120 | .3848692 | .4576068 | .2785383 | 51.81577 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2234274 | 134.4383 | 10.20295 | 235.4809 | .1412316 | -.000893 |
| #2 | .2285969 | 135.6366 | 10.25585 | 236.3221 | .1411244 | -.002145 |
| #3 | .2289738 | 134.3285 | 10.17904 | 234.1844 | .1405043 | -.000993 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.292982 | .1184799 | .4818228 | 6.917110 | 6.346703 | .0686024 |
| Stddev | .450157  | .0072649 | .0048211 | .092905  | .015434  | .0041929 |
| %RSD   | 13.67018 | 6.131775 | 1.000587 | 1.343122 | .2431866 | 6.111947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.670845 | .1126824 | .4850288 | 6.912328 | 6.328894 | .0714903 |
| #2 | 3.413172 | .1266294 | .4762785 | 7.012314 | 6.356178 | .0705237 |
| #3 | 2.794930 | .1161278 | .4841610 | 6.826689 | 6.355039 | .0637930 |

Sample Name: P5054-20      Acquired: 12/17/2024 4:01:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006350 | 2.217859 | 5.781212 | .0380137 | .4022763 | 1.192586 |
| Stddev | .0000981 | .007757  | .025209  | .0005002 | .0081113 | .003777  |
| %RSD   | 15.45420 | .3497381 | .4360455 | 1.315853 | 2.016355 | .3167246 |
| #1     | .0007449 | 2.212354 | 5.752865 | .0383406 | .4039963 | 1.193770 |
| #2     | .0006041 | 2.214493 | 5.789657 | .0382625 | .3934429 | 1.195629 |
| #3     | .0005561 | 2.226730 | 5.801114 | .0374378 | .4093896 | 1.188359 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0573195 |
| Stddev | .0043055 |
| %RSD   | 7.511373 |
| #1     | .0541789 |
| #2     | .0555521 |
| #3     | .0622274 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2082.557 | 25602.00 | 2671.069 | 1759.685 | 2107.575 |
| Stddev    | 12.786   | 73.77    | 18.017   | 10.930   | 8.921    |
| %RSD      | .6139497 | .2881508 | .6745216 | .6211523 | .4232884 |
| #1        | 2082.155 | 25626.35 | 2689.682 | 1770.933 | 2107.738 |
| #2        | 2095.539 | 25519.12 | 2653.714 | 1749.103 | 2116.414 |
| #3        | 2069.977 | 25660.51 | 2669.812 | 1759.019 | 2098.574 |



Sample Name: P5056-02      Acquired: 12/17/2024 4:13:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1096710 | .0232620 | 1.305322 | -.011348 | .0267919 | 54.98614 |
| Stddev | .0037986 | .0045037 | .007978  | .006657  | .0026936 | .11382   |
| %RSD   | 3.463646 | 19.36063 | .6111966 | 58.66758 | 10.05379 | .2069904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1128305 | .0196510 | 1.299392 | -.005301 | .0291964 | 55.05881 |
| #2 | .1107261 | .0218266 | 1.302183 | -.010259 | .0272983 | 54.85497 |
| #3 | .1054563 | .0283084 | 1.314393 | -.018482 | .0238811 | 55.04464 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.484421 | .0062146 | .0064201 | 84.48583 | .1042383 | .0994888 |
| Stddev | .003666  | .0000985 | .0000663 | .21172   | .0010325 | .0005204 |
| %RSD   | .2469594 | 1.584675 | 1.032169 | .2506010 | .9905106 | .5230532 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.487149 | .0061761 | .0064941 | 84.72609 | .1031405 | .0990431 |
| #2 | 1.480254 | .0061412 | .0063662 | 84.32653 | .1051900 | .0993625 |
| #3 | 1.485861 | .0063265 | .0063999 | 84.40488 | .1043844 | .1000607 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2498271 | 147.6251 | 6.830696 | 33.09982 | .1639648 | .0008663 |
| Stddev | .0073540 | .3874    | .023256  | .09843   | .0005650 | .0007266 |
| %RSD   | 2.943637 | .2624304 | .3404653 | .2973676 | .3445567 | 83.87381 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2512748 | 147.7913 | 6.844351 | 33.13360 | .1634757 | .0010155 |
| #2 | .2418569 | 147.1823 | 6.803843 | 33.17691 | .1638355 | .0015066 |
| #3 | .2563496 | 147.9017 | 6.843893 | 32.98895 | .1645832 | .0000767 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.805308 | .1642280 | 1.230894 | 6.306209 | F 11.11504 | .0367293 |
| Stddev | .557290  | .0051570 | .017047  | .007009  | .05149     | .0006356 |
| %RSD   | 19.86554 | 3.140170 | 1.384893 | .1111514 | .4632736   | 1.730486 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.280708 | .1700740 | 1.219353 | 6.298208 | 11.08140 | .0362197 |
| #2 | 3.390358 | .1622863 | 1.222855 | 6.311270 | 11.08940 | .0374415 |
| #3 | 2.744859 | .1603237 | 1.250473 | 6.309149 | 11.17432 | .0365267 |

Sample Name: P5056-02      Acquired: 12/17/2024 4:13:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065699 | 2.890614 | 7.466608 | .0687089 | .6469611 | .0768520 |
| Stddev | .0000361 | .014299  | .056627  | .0015331 | .0014847 | .0002696 |
| %RSD   | .5498657 | .4946542 | .7584097 | 2.231344 | .2294890 | .3508082 |
| #1     | .0066105 | 2.879782 | 7.508181 | .0681259 | .6485469 | .0770059 |
| #2     | .0065580 | 2.885240 | 7.402113 | .0675527 | .6456040 | .0765407 |
| #3     | .0065413 | 2.906821 | 7.489529 | .0704480 | .6467324 | .0770094 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0540966 |
| Stddev | .0052561 |
| %RSD   | 9.716121 |
| #1     | .0586792 |
| #2     | .0483591 |
| #3     | .0552515 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2344.652 | 28744.55 | 2818.047 | 1995.473 | 2581.073 |
| Stddev    | 11.350   | 54.53    | 17.756   | 3.957    | 14.016   |
| %RSD      | .4840595 | .1897101 | .6300671 | .1983124 | .5430338 |
| #1        | 2354.489 | 28794.58 | 2802.036 | 1993.900 | 2593.868 |
| #2        | 2347.232 | 28686.43 | 2837.143 | 1999.975 | 2583.258 |
| #3        | 2332.235 | 28752.64 | 2814.961 | 1992.544 | 2566.093 |

Sample Name: P5056-03      Acquired: 12/17/2024 4:16:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1170754 | .0181073 | 1.060935 | -.008544 | .0267325 | 64.18122 |
| Stddev | .0012566 | .0007333 | .003777  | .001479  | .0006600 | .12181   |
| %RSD   | 1.073362 | 4.049644 | .3559734 | 17.31634 | 2.469066 | .1897905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1168426 | .0175926 | 1.058098 | -.007081 | .0266438 | 64.22830 |
| #2 | .1184321 | .0177824 | 1.059484 | -.008512 | .0274324 | 64.27247 |
| #3 | .1159514 | .0189469 | 1.065221 | -.010039 | .0261213 | 64.04290 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.264031 | .0064317 | .0050251 | 74.04092 | .1099946 | .0974598 |
| Stddev | .003286  | .0001787 | .0001427 | .05624   | .0003378 | .0002918 |
| %RSD   | .2599737 | 2.778844 | 2.840109 | .0759613 | .3070992 | .2994154 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.267635 | .0064475 | .0051600 | 73.98871 | .1096465 | .0974239 |
| #2 | 1.263255 | .0066020 | .0048757 | 74.10047 | .1100160 | .0971875 |
| #3 | 1.261201 | .0062456 | .0050397 | 74.03359 | .1103211 | .0977679 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2037177 | 149.8191 | 5.833180 | 28.09411 | .1445597 | .0009089 |
| Stddev | .0094856 | .2720    | .014639  | .11442   | .0010774 | .0007344 |
| %RSD   | 4.656225 | .1815759 | .2509606 | .4072626 | .7453173 | 80.80261 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1956518 | 150.0523 | 5.844414 | 27.98826 | .1458005 | .0004166 |
| #2 | .2141679 | 149.8847 | 5.838500 | 28.21551 | .1438603 | .0017530 |
| #3 | .2013333 | 149.5202 | 5.816624 | 28.07858 | .1440184 | .0005570 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.002833 | .1793825 | .8214211 | 5.273428 | F 10.28696 | .0398215 |
| Stddev | .218386  | .0037417 | .0062684 | .029182  | .05499     | .0016333 |
| %RSD   | 7.272666 | 2.085872 | .7631192 | .5533713 | .5345292   | 4.101628 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.984944 | .1837031 | .8233151 | 5.240219 | 10.25799 | .0404939 |
| #2 | 3.229613 | .1772213 | .8144241 | 5.285088 | 10.25251 | .0410114 |
| #3 | 2.793941 | .1772232 | .8265242 | 5.294976 | 10.35038 | .0379594 |

Sample Name: P5056-03      Acquired: 12/17/2024 4:16:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049142 | 2.326109 | 8.147237 | .0571876 | .6603628 | .0777540 |
| Stddev | .0003120 | .022854  | .038168  | .0019516 | .0008757 | .0005483 |
| %RSD   | 6.348978 | .9824985 | .4684825 | 3.412557 | .1326140 | .7051347 |
| #1     | .0052736 | 2.315253 | 8.180469 | .0556104 | .6613728 | .0782398 |
| #2     | .0047562 | 2.310706 | 8.155693 | .0565823 | .6598150 | .0778625 |
| #3     | .0047127 | 2.352367 | 8.105550 | .0593701 | .6599005 | .0771595 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0803944 |
| Stddev | .0008364 |
| %RSD   | 1.040304 |
| #1     | .0803135 |
| #2     | .0812683 |
| #3     | .0796015 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2393.620 | 29175.02 | 2854.936 | 2021.109 | 2575.579 |
| Stddev    | 5.457    | 43.80    | 14.874   | 7.330    | 5.237    |
| %RSD      | .2279809 | .1501368 | .5209828 | .3626483 | .2033314 |
| #1        | 2398.937 | 29149.60 | 2843.598 | 2018.662 | 2581.278 |
| #2        | 2388.033 | 29149.87 | 2849.432 | 2015.316 | 2574.479 |
| #3        | 2393.891 | 29225.60 | 2871.777 | 2029.349 | 2570.979 |

Sample Name: CCB047      Acquired: 12/17/2024 4:27:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002033 | .0034139 | .0028103 | .0008440 | .0024002 | .0214558 | -.003114 |
| Stddev | .001061  | .0020629 | .0012832 | .0011438 | .0014885 | .0184695 | .000597  |
| %RSD   | 52.17304 | 60.42767 | 45.66051 | 135.5317 | 62.01765 | 86.08155 | 19.16236 |
| #1     | -.001110 | .0013721 | .0018144 | -.000199 | .0026074 | .0140931 | -.003769 |
| #2     | -.003191 | .0054973 | .0023581 | .000664  | .0008189 | .0424712 | -.002971 |
| #3     | -.001798 | .0033722 | .0042584 | .002067  | .0037742 | .0078033 | -.002602 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000001 | -.000100 | -.000453 | -.000060 | -.000169 | .0123620 | -.037635 |
| Stddev | .000089  | .000054  | .019773  | .000611  | .000418  | .0053668 | .026148  |
| %RSD   | 9284.940 | 54.10137 | 4365.549 | 1016.358 | 247.1734 | 43.41376 | 69.47803 |
| #1     | -.000038 | -.000077 | .022157  | -.000685 | -.000310 | .0144914 | -.008437 |
| #2     | -.000066 | -.000061 | -.009008 | -.000029 | -.000498 | .0163374 | -.058891 |
| #3     | .000101  | -.000162 | -.014508 | .000535  | .000301  | .0062573 | -.045576 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000960 | -.004998 | .0003237 | -.001665 | 2.566785 | -.006281 | -.007415 |
| Stddev | .001640  | .070096  | .0010559 | .001359  | .404188  | .006436  | .004576  |
| %RSD   | 170.7765 | 1402.572 | 326.1774 | 81.62148 | 15.74684 | 102.4725 | 61.71150 |
| #1     | .000584  | -.076794 | .0013540 | -.002202 | 3.016891 | -.011463 | -.005470 |
| #2     | -.002681 | .063264  | .0003734 | -.002675 | 2.448602 | -.008304 | -.004134 |
| #3     | -.000784 | -.001464 | -.000756 | -.000120 | 2.234862 | .000924  | -.012643 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3890695 | .0055141 | .0050123 | .0003665 | .0013688 | .0006695 | .0016637 |
| Stddev | .1030379 | .0015466 | .0022042 | .0003535 | .0044888 | .0002813 | .0011778 |
| %RSD   | 26.48316 | 28.04703 | 43.97557 | 96.45271 | 327.9362 | 42.01731 | 70.79674 |
| #1     | .4534526 | .0044892 | .0052348 | .0002297 | .0038519 | .0004799 | .0021818 |
| #2     | .4435262 | .0047602 | .0070969 | .0007680 | .0040675 | .0005359 | .0024937 |
| #3     | .2702297 | .0072931 | .0027054 | .0001019 | -.003813 | .0009927 | .0003156 |

Sample Name: CCB047      Acquired: 12/17/2024 4:27:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB047      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707     |
|--------|----------|----------|------------|
| Units  | ppm      | ppm      | ppm        |
| Avg    | -.002539 | .0001126 | F -.015634 |
| Stddev | .002315  | .0000651 | .002578    |
| %RSD   | 91.15400 | 57.86960 | 16.49183   |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000092  | .0001348 | -.013330 |
| #2 | -.004262 | .0001637 | -.018419 |
| #3 | -.003448 | .0000392 | -.015155 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1995.116 | 24461.84 | 2390.350 | 1689.013 | 2604.154 |
| Stddev    | 6.180    | 142.67   | 3.319    | 5.924    | 9.537    |
| %RSD      | .3097723 | .5832373 | .1388304 | .3507543 | .3662390 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1997.576 | 24609.66 | 2389.543 | 1690.577 | 2604.873 |
| #2 | 1999.687 | 24324.95 | 2387.509 | 1682.463 | 2613.312 |
| #3 | 1988.084 | 24450.90 | 2393.997 | 1693.998 | 2594.277 |

Sample Name: CCV047      Acquired: 12/17/2024 4:24:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.911306 | 4.528697 | 24.20637 | 4.894955 | 5.094451 | 396.5370 | 10.02225 |
| Stddev | .016482  | .033713  | .13296   | .027432  | .025490  | .3134    | .01052   |
| %RSD   | .3355864 | .7444245 | .5492650 | .5604180 | .5003543 | .0790457 | .1049831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.905982 | 4.515631 | 24.10751 | 4.870790 | 5.075463 | 396.8956 | 10.03439 |
| #2 | 4.898144 | 4.503473 | 24.15408 | 4.889302 | 5.084468 | 396.4003 | 10.01663 |
| #3 | 4.929791 | 4.566987 | 24.35753 | 4.924773 | 5.123422 | 396.3152 | 10.01573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5062059 | 2.458456 | 392.5403 | 15.19155 | 2.537507 | 14.63130 | 385.5849 |
| Stddev | .0017727 | .011528  | .2604    | .09340   | .010071  | .01989   | .7866    |
| %RSD   | .3501886 | .4689173 | .0663438 | .6148166 | .3968680 | .1359089 | .2039890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5073033 | 2.451484 | 392.7990 | 15.14411 | 2.530809 | 14.63796 | 386.4931 |
| #2 | .5071537 | 2.452122 | 392.5437 | 15.13139 | 2.532624 | 14.64700 | 385.1306 |
| #3 | .5041608 | 2.471763 | 392.2782 | 15.29915 | 2.549088 | 14.60894 | 385.1310 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.61181 | 394.4135 | 2.491774 | 1.246415 | 410.6169 | 2.441752 | 14.93956 |
| Stddev | .03378   | .9685    | .010754  | .007515  | 1.2443   | .019476  | .13533   |
| %RSD   | .2311576 | .2455500 | .4315851 | .6029359 | .3030317 | .7976402 | .9058782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.65064 | 395.4591 | 2.487869 | 1.243061 | 411.3249 | 2.462809 | 14.87481 |
| #2 | 14.59560 | 394.2342 | 2.483519 | 1.241160 | 411.3457 | 2.424383 | 14.84876 |
| #3 | 14.58919 | 393.5472 | 2.503935 | 1.255023 | 409.1802 | 2.438064 | 15.09510 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.8787 | 4.915057 | 4.966733 | 4.586814 | 5.014544 | 4.893457 | 4.910032 |
| Stddev | .1713    | .027473  | .026985  | .023116  | .013671  | .023189  | .020054  |
| %RSD   | .1128090 | .5589562 | .5433138 | .5039592 | .2726303 | .4738762 | .4084359 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.6808 | 4.897534 | 4.977795 | 4.569844 | 5.013326 | 4.903186 | 4.892506 |
| #2 | 151.9792 | 4.900917 | 4.986429 | 4.577457 | 5.001523 | 4.910197 | 4.905689 |
| #3 | 151.9760 | 4.946720 | 4.935975 | 4.613141 | 5.028784 | 4.866989 | 4.931903 |

Sample Name: CCV047      Acquired: 12/17/2024 4:24:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.906164 | 4.843382 | 4.875084 |
| Stddev | .006404  | .008263  | .008623  |
| %RSD   | .1305305 | .1706086 | .1768824 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.906984 | 4.852774 | 4.879105 |
| #2 | 4.912119 | 4.840144 | 4.880961 |
| #3 | 4.899390 | 4.837228 | 4.865184 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1664.064 | 22251.83 | 2311.459 | 1425.043 | 2124.164 |
| Stddev    | 3.230    | 225.07   | 7.403    | 12.882   | 2.715    |
| %RSD      | .1941037 | 1.011463 | .3202746 | .9039729 | .1278113 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1667.591 | 22290.94 | 2304.476 | 1428.090 | 2126.816 |
| #2 | 1663.351 | 22454.78 | 2319.221 | 1436.128 | 2124.286 |
| #3 | 1661.251 | 22009.77 | 2310.681 | 1410.911 | 2121.391 |



Sample Name: P5056-05      Acquired: 12/17/2024 4:35:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0671100 | .0295340 | .2101327 | -.028455 | .0190121 | 46.83473 | .6177781 |
| Stddev | .0048800 | .0013749 | .0026535 | .005171  | .0015645 | .28557   | .0020354 |
| %RSD   | 7.271713 | 4.655237 | 1.262776 | 18.17373 | 8.228780 | .6097415 | .3294715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0687844 | .0282291 | .2098081 | -.022826 | .0207537 | 46.79393 | .6186828 |
| #2 | .0616131 | .0309695 | .2076565 | -.032994 | .0185568 | 46.57176 | .6154472 |
| #3 | .0709324 | .0294036 | .2129336 | -.029545 | .0177258 | 47.13851 | .6192044 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047299 | .0030339 | 351.1760 | .0825308 | .1054869 | .1482897 | 144.6158 |
| Stddev | .0000386 | .0000781 | 1.3563   | .0012115 | .0013532 | .0134548 | .8403    |
| %RSD   | .8153730 | 2.575616 | .3862119 | 1.467930 | 1.282812 | 9.073297 | .5810239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047443 | .0030716 | 350.0877 | .0835535 | .1048532 | .1332975 | 144.4299 |
| #2 | .0047591 | .0029441 | 350.7449 | .0811928 | .1045669 | .1522564 | 143.8841 |
| #3 | .0046862 | .0030860 | 352.6955 | .0828461 | .1070407 | .1593151 | 145.5334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.841523 | 96.99220 | .1276013 | -.000667 | 2.508386 | .1340642 | .3922328 |
| Stddev | .038175  | .54160   | .0009194 | .000651  | .257126  | .0067853 | .0133496 |
| %RSD   | .6535071 | .5583935 | .7205161 | 97.59869 | 10.25064 | 5.061217 | 3.403490 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.839252 | 96.88782 | .1280292 | -.000259 | 2.794334 | .1263350 | .3989592 |
| #2 | 5.804534 | 96.51039 | .1265459 | -.000324 | 2.434615 | .1390400 | .4008813 |
| #3 | 5.880782 | 97.57839 | .1282287 | -.001417 | 2.296210 | .1368175 | .3768580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.983531 | 7.023766 | .0279261 | .0038022 | .8882273 | 6.514786 | .0302621 |
| Stddev | .027899  | .054198  | .0025369 | .0003282 | .0057235 | .076490  | .0015730 |
| %RSD   | 1.406518 | .7716326 | 9.084319 | 8.632793 | .6443693 | 1.174095 | 5.197831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.013158 | 6.997470 | .0306771 | .0034274 | .8847075 | 6.480453 | .0313794 |
| #2 | 1.957763 | 6.987733 | .0256789 | .0039412 | .8851430 | 6.461479 | .0284633 |
| #3 | 1.979670 | 7.086095 | .0274221 | .0040381 | .8948314 | 6.602427 | .0309436 |

Sample Name: P5056-05      Acquired: 12/17/2024 4:35:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5947566 | .1908019 | .0549825 |
| Stddev | .0041468 | .0014348 | .0016222 |
| %RSD   | .6972335 | .7519731 | 2.950390 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5910922 | .1908749 | .0558982 |
| #2 | .5939195 | .1893320 | .0531095 |
| #3 | .5992582 | .1921987 | .0559397 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2282.162 | 28183.77 | 2817.301 | 1943.177 | 2407.047 |
| Stddev    | 7.571    | 98.54    | 29.488   | 3.415    | 13.782   |
| %RSD      | .3317342 | .3496398 | 1.046660 | .1757351 | .5725581 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2290.764 | 28160.15 | 2830.605 | 1943.080 | 2420.468 |
| #2 | 2279.204 | 28099.18 | 2837.792 | 1939.811 | 2407.741 |
| #3 | 2276.516 | 28291.97 | 2783.505 | 1946.639 | 2392.931 |

Sample Name: P5056-04      Acquired: 12/17/2024 4:31:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0820068 | .0224907 | .2569795 | -.022560 | .0233413 | 55.62679 | .7408778 |
| Stddev | .0060020 | .0034052 | .0016615 | .001429  | .0016721 | .13030   | .0021664 |
| %RSD   | 7.318896 | 15.14048 | .6465692 | 6.334509 | 7.163701 | .2342347 | .2924098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0864764 | .0187203 | .2586348 | -.020910 | .0249812 | 55.72578 | .7411804 |
| #2 | .0751850 | .0253420 | .2553118 | -.023422 | .0234038 | 55.47917 | .7385760 |
| #3 | .0843591 | .0234098 | .2569918 | -.023347 | .0216388 | 55.67541 | .7428770 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055565 | .0033107 | 169.6343 | .0937029 | .0986202 | .1295176 | 154.0629 |
| Stddev | .0000397 | .0001724 | .3058    | .0002251 | .0010039 | .0023688 | .3443    |
| %RSD   | .7143794 | 5.208896 | .1802450 | .2401887 | 1.017970 | 1.828950 | .2234849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055281 | .0032948 | 169.9101 | .0934449 | .0987267 | .1304205 | 154.4166 |
| #2 | .0056019 | .0034905 | 169.3055 | .0938588 | .0975672 | .1268301 | 153.7288 |
| #3 | .0055395 | .0031467 | 169.6872 | .0938050 | .0995665 | .1313022 | 154.0433 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.099936 | 44.43566 | .1250590 | .0007895 | 3.144429 | .1564136 | .3992168 |
| Stddev | .013362  | .15768   | .0001965 | .0008085 | .732722  | .0059610 | .0101707 |
| %RSD   | .2620044 | .3548498 | .1570900 | 102.3984 | 23.30224 | 3.811034 | 2.547672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.108222 | 44.51775 | .1252858 | .0004059 | 3.605927 | .1589240 | .3877926 |
| #2 | 5.084521 | 44.25387 | .1249429 | .0002443 | 3.527804 | .1607087 | .4025710 |
| #3 | 5.107065 | 44.53535 | .1249482 | .0017184 | 2.299557 | .1496080 | .4072868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.731767 | 6.241536 | .0263089 | .0050606 | 1.161291 | 7.618725 | .0284724 |
| Stddev | .056896  | .025168  | .0005673 | .0007027 | .007492  | .043044  | .0007355 |
| %RSD   | 3.285405 | .4032354 | 2.156180 | 13.88505 | .6451474 | .5649703 | 2.583050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.740738 | 6.224513 | .0263442 | .0042602 | 1.159491 | 7.656549 | .0293114 |
| #2 | 1.783644 | 6.229650 | .0268578 | .0055758 | 1.154864 | 7.571889 | .0279390 |
| #3 | 1.670918 | 6.270446 | .0257249 | .0053459 | 1.169520 | 7.627737 | .0281667 |

Sample Name: P5056-04      Acquired: 12/17/2024 4:31:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5285084 | .0589990 | .0626248 |
| Stddev | .0013770 | .0005210 | .0025991 |
| %RSD   | .2605404 | .8830480 | 4.150250 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5297196 | .0589306 | .0615692 |
| #2 | .5287948 | .0585156 | .0607196 |
| #3 | .5270107 | .0595508 | .0655856 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2362.493 | 29044.03 | 2866.660 | 2012.908 | 2506.330 |
| Stddev    | 8.519    | 107.49   | 19.956   | 16.838   | 7.981    |
| %RSD      | .3606083 | .3701098 | .6961260 | .8365059 | .3184272 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2371.276 | 29117.23 | 2862.373 | 2028.385 | 2512.223 |
| #2 | 2361.939 | 29094.23 | 2888.410 | 2015.360 | 2509.519 |
| #3 | 2354.265 | 28920.61 | 2849.196 | 1994.978 | 2497.248 |

Sample Name: P5056-07      Acquired: 12/17/2024 4:43:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0984265 | .0403271 | .2223616 | -.041234 | .0161211 | 33.37625 |
| Stddev | .0038849 | .0034851 | .0052649 | .006327  | .0029905 | .16398   |
| %RSD   | 3.947032 | 8.642064 | 2.367719 | 15.34431 | 18.55011 | .4913023 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0967996 | .0442680 | .2283620 | -.035038 | .0136013 | 33.33453 |
| #2 | .0956194 | .0390622 | .2202071 | -.047684 | .0194257 | 33.55706 |
| #3 | .1028603 | .0376510 | .2185156 | -.040980 | .0153362 | 33.23716 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3022219 | .0042502 | .0038476 | F 1060.935 | .0667012 | .1088879 |
| Stddev | .0021051 | .0000914 | .0001654 | 5.390      | .0003293 | .0001338 |
| %RSD   | .6965503 | 2.151028 | 4.298006 | .5080648   | .4936370 | .1228637 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3020507 | .0043411 | .0040341 | 1062.605 | .0663441 | .1090286 |
| #2 | .3044074 | .0041582 | .0037189 | 1065.292 | .0667666 | .1088727 |
| #3 | .3002076 | .0042514 | .0037898 | 1054.907 | .0669928 | .1087623 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1809292 | 159.6700 | 6.244692 | 242.5703 | .1049758 | -.000348 |
| Stddev | .0090863 | .6170    | .025459  | .7756    | .0017004 | .000306  |
| %RSD   | 5.021998 | .3864087 | .4076877 | .3197332 | 1.619843 | 87.95296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1800539 | 159.6173 | 6.242770 | 242.2865 | .1047688 | -.000462 |
| #2 | .1904214 | 160.3116 | 6.271057 | 243.4478 | .1033883 | -.000581 |
| #3 | .1723122 | 159.0811 | 6.220248 | 241.9765 | .1067702 | -.000001 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.576370 | .1464552 | .4452922 | 2.421932 | 5.573028 | .0405997 |
| Stddev | .190823  | .0036220 | .0024290 | .051222  | .019181  | .0013639 |
| %RSD   | 5.335662 | 2.473139 | .5454796 | 2.114932 | .3441799 | 3.359275 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.543561 | .1423432 | .4475487 | 2.466692 | 5.580841 | .0421663 |
| #2 | 3.404078 | .1478494 | .4427214 | 2.366069 | 5.551174 | .0396771 |
| #3 | 3.781470 | .1491729 | .4456066 | 2.433036 | 5.587070 | .0399556 |

Sample Name: P5056-07      Acquired: 12/17/2024 4:43:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009776 | 1.284211 | 4.476999 | .0290538 | .6383362 | .7198705 |
| Stddev | .0003707 | .005440  | .026039  | .0021705 | .0030526 | .0019826 |
| %RSD   | 37.91816 | .4236019 | .5816120 | 7.470466 | .4782088 | .2754034 |
| #1     | .0008335 | 1.288931 | 4.447360 | .0289217 | .6381519 | .7201641 |
| #2     | .0007006 | 1.278262 | 4.496200 | .0312873 | .6414768 | .7216899 |
| #3     | .0013987 | 1.285442 | 4.487435 | .0269525 | .6353799 | .7177575 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0376052 |
| Stddev | .0060387 |
| %RSD   | 16.05828 |
| #1     | .0306371 |
| #2     | .0413152 |
| #3     | .0408632 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2153.584 | 26537.17 | 2754.600 | 1826.973 | 2197.692 |
| Stddev    | 9.534    | 86.50    | 24.453   | 11.603   | 5.298    |
| %RSD      | .4426914 | .3259537 | .8877297 | .6351109 | .2410767 |
| #1        | 2161.707 | 26586.81 | 2776.033 | 1836.458 | 2200.746 |
| #2        | 2155.956 | 26437.29 | 2727.964 | 1814.035 | 2200.757 |
| #3        | 2143.088 | 26587.40 | 2759.802 | 1830.427 | 2191.575 |

Sample Name: P5056-06      Acquired: 12/17/2024 4:39:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0568609 | .0333577 | .1371155 | -.032063 | .0150448 | 37.63856 | .4610413 |
| Stddev | .0020020 | .0069400 | .0021178 | .002607  | .0010057 | .10987   | .0010950 |
| %RSD   | 3.520886 | 20.80482 | 1.544505 | 8.130352 | 6.684998 | .2918987 | .2375129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0579871 | .0267035 | .1366539 | -.032874 | .0144953 | 37.71729 | .4599611 |
| #2 | .0545494 | .0405520 | .1394260 | -.029148 | .0162055 | 37.51305 | .4621506 |
| #3 | .0580462 | .0328176 | .1352666 | -.034169 | .0144334 | 37.68536 | .4610121 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035703 | .0024690 | 451.2071 | .0645836 | .0955629 | .1362074 | 122.3234 |
| Stddev | .0000848 | .0000860 | .9658    | .0014113 | .0008268 | .0034625 | .6039    |
| %RSD   | 2.374508 | 3.484886 | .2140407 | 2.185223 | .8651484 | 2.542082 | .4937186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036182 | .0025229 | 452.2595 | .0638555 | .0960880 | .1397551 | 122.6926 |
| #2 | .0034724 | .0025144 | 450.3615 | .0662102 | .0959909 | .1328369 | 122.6512 |
| #3 | .0036203 | .0023698 | 451.0003 | .0636850 | .0946099 | .1360302 | 121.6265 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.418564 | 141.8666 | .1058362 | -.000691 | 2.902249 | .1197427 | .3072686 |
| Stddev | .014034  | .2292    | .0013782 | .000357  | .263460  | .0024598 | .0099317 |
| %RSD   | .2589953 | .1615752 | 1.302164 | 51.67399 | 9.077798 | 2.054216 | 3.232254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.429086 | 142.0138 | .1063713 | -.000468 | 2.616172 | .1209297 | .2961847 |
| #2 | 5.423976 | 141.9835 | .1068665 | -.001103 | 3.134905 | .1169145 | .3153598 |
| #3 | 5.402630 | 141.6025 | .1042707 | -.000503 | 2.955670 | .1213838 | .3102614 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.126267 | 4.996297 | .0252398 | .0023849 | .6850811 | 5.662763 | .0239818 |
| Stddev | .046860  | .078069  | .0007106 | .0007939 | .0163190 | .042421  | .0017721 |
| %RSD   | 4.160640 | 1.562529 | 2.815219 | 33.29037 | 2.382060 | .7491278 | 7.389515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.080624 | 5.035565 | .0248519 | .0029233 | .6873573 | 5.679641 | .0260241 |
| #2 | 1.123921 | 5.046935 | .0260599 | .0014731 | .7001425 | 5.694146 | .0230705 |
| #3 | 1.174256 | 4.906390 | .0248076 | .0027583 | .6677434 | 5.614500 | .0228506 |

Sample Name: P5056-06      Acquired: 12/17/2024 4:39:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHKY4      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5672803 | .2726353 | .0374690 |
| Stddev | .0019613 | .0008659 | .0048060 |
| %RSD   | .3457347 | .3175866 | 12.82655 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5684336 | .2736344 | .0319266 |
| #2 | .5683917 | .2721036 | .0399986 |
| #3 | .5650158 | .2721679 | .0404819 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2204.742 | 26818.73 | 2742.261 | 1849.218 | 2376.197 |
| Stddev    | 22.756   | 343.56   | 16.328   | 29.505   | 31.532   |
| %RSD      | 1.032122 | 1.281032 | .5954165 | 1.595528 | 1.326990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2193.602 | 27167.61 | 2742.540 | 1877.144 | 2359.540 |
| #2 | 2189.704 | 26480.75 | 2725.796 | 1818.354 | 2356.487 |
| #3 | 2230.922 | 26807.83 | 2758.448 | 1852.157 | 2412.564 |



Sample Name: P5056-08      Acquired: 12/17/2024 4:47:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1030463 | .0148960 | .5550661 | -.002037 | .0261201 | 55.94210 | .6894997 |
| Stddev | .0027572 | .0017977 | .0022691 | .004299  | .0010884 | .27937   | .0044808 |
| %RSD   | 2.675665 | 12.06808 | .4087916 | 211.0954 | 4.167018 | .4993852 | .6498644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1041724 | .0162146 | .5576139 | .002528  | .0271477 | 55.66768 | .6849179 |
| #2 | .0999043 | .0156251 | .5532630 | -.002629 | .0249797 | 55.93247 | .6897090 |
| #3 | .1050622 | .0128484 | .5543213 | -.006009 | .0262329 | 56.22616 | .6938721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059827 | .0049807 | 40.19207 | .0946637 | .0883264 | .1930487 | 132.5741 |
| Stddev | .0000985 | .0001346 | .13135   | .0008089 | .0004434 | .0035109 | .6034    |
| %RSD   | 1.645792 | 2.702856 | .3268136 | .8544703 | .5019943 | 1.818651 | .4551766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058841 | .0049440 | 40.09241 | .0949335 | .0880165 | .1952169 | 131.9479 |
| #2 | .0059828 | .0048683 | 40.14289 | .0937545 | .0881284 | .1889981 | 132.6224 |
| #3 | .0060810 | .0051299 | 40.34092 | .0953033 | .0888343 | .1949312 | 133.1519 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.554552 | 16.54370 | .1333588 | .0017332 | 3.051739 | .1407494 | .5564977 |
| Stddev | .034261  | .08402   | .0011841 | .0009174 | .449860  | .0133518 | .0044127 |
| %RSD   | .5227070 | .5078792 | .8878844 | 52.92923 | 14.74111 | 9.486203 | .7929362 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.528772 | 16.48343 | .1340760 | .0006743 | 2.888768 | .1494355 | .5609228 |
| #2 | 6.541454 | 16.50800 | .1319921 | .0022864 | 2.706077 | .1474375 | .5564729 |
| #3 | 6.593430 | 16.63968 | .1340082 | .0022389 | 3.560371 | .1253754 | .5520976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.049511 | 5.316436 | .0372733 | .0055869 | 3.058539 | 7.099601 | .0418274 |
| Stddev | .119707  | .015242  | .0017885 | .0004000 | .003100  | .054413  | .0010495 |
| %RSD   | 2.370674 | .2866957 | 4.798309 | 7.159429 | .1013446 | .7664235 | 2.509048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.027459 | 5.320816 | .0372271 | .0052725 | 3.057968 | 7.059392 | .0411818 |
| #2 | 4.942362 | 5.299484 | .0355084 | .0054510 | 3.055765 | 7.077894 | .0412620 |
| #3 | 5.178711 | 5.329009 | .0390845 | .0060371 | 3.061884 | 7.161517 | .0430383 |

Sample Name: P5056-08      Acquired: 12/17/2024 4:47:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5275559 | -.035280 | .0200368 |
| Stddev | .0051535 | .000330  | .0059477 |
| %RSD   | .9768568 | .9341983 | 29.68380 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5256511 | -.034911 | .0131704 |
| #2 | .5236259 | -.035384 | .0235885 |
| #3 | .5333906 | -.035545 | .0233515 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2364.518 | 29059.02 | 2811.258 | 2013.864 | 2605.285 |
| Stddev    | 4.003    | 49.28    | 24.813   | 9.992    | 5.539    |
| %RSD      | .1693111 | .1695798 | .8826189 | .4961390 | .2126185 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2369.007 | 29019.90 | 2833.625 | 2002.467 | 2606.840 |
| #2 | 2363.231 | 29042.79 | 2815.581 | 2018.014 | 2609.880 |
| #3 | 2361.316 | 29114.36 | 2784.567 | 2021.112 | 2599.134 |

Sample Name: P5056-09      Acquired: 12/17/2024 4:51:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1366260 | .0167229 | .6074941 | -.004111 | .0318999 | 66.28521 | .7604971 |
| Stddev | .0005003 | .0029385 | .0043536 | .003418  | .0011409 | .18948   | .0017590 |
| %RSD   | .3661966 | 17.57192 | .7166540 | 83.12974 | 3.576367 | .2858518 | .2312910 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1371966 | .0183995 | .6067239 | -.001766 | .0326860 | 66.20562 | .7587655 |
| #2 | .1364190 | .0184394 | .6035770 | -.008032 | .0324223 | 66.50150 | .7622822 |
| #3 | .1362624 | .0133299 | .6121814 | -.002535 | .0305914 | 66.14851 | .7604437 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073564 | .0066261 | 51.91979 | .1106407 | .1094504 | .2053205 | 165.8224 |
| Stddev | .0001066 | .0000506 | .12455   | .0007087 | .0005508 | .0055360 | .5417    |
| %RSD   | 1.448565 | .7629723 | .2398874 | .6405015 | .5032609 | 2.696278 | .3266880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073004 | .0065679 | 51.88656 | .1111710 | .1092686 | .2081026 | 165.4150 |
| #2 | .0072894 | .0066593 | 52.05758 | .1109151 | .1090134 | .2089138 | 166.4371 |
| #3 | .0074792 | .0066511 | 51.81522 | .1098358 | .1100691 | .1989453 | 165.6149 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.423155 | 21.16746 | .1613804 | .0010757 | 3.177560 | .1632955 | .6509622 |
| Stddev | .017717  | .12952   | .0005726 | .0007364 | .135355  | .0067582 | .0064570 |
| %RSD   | .2386718 | .6118723 | .3548213 | 68.45165 | 4.259704 | 4.138617 | .9919118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.412699 | 21.12809 | .1614036 | .0007576 | 3.118320 | .1620232 | .6581503 |
| #2 | 7.443611 | 21.31210 | .1607966 | .0019177 | 3.332435 | .1705994 | .6456534 |
| #3 | 7.413155 | 21.06220 | .1619411 | .0005519 | 3.081925 | .1572639 | .6490828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.349464 | 6.107162 | .0348476 | .0054867 | 2.753599 | 6.763874 | .0430106 |
| Stddev | .073095  | .035822  | .0028215 | .0003314 | .016791  | .007272  | .0004407 |
| %RSD   | 1.366392 | .5865652 | 8.096675 | 6.039197 | .6097915 | .1075120 | 1.024574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.386470 | 6.082140 | .0318188 | .0057777 | 2.742331 | 6.755517 | .0425645 |
| #2 | 5.396656 | 6.091148 | .0374015 | .0051261 | 2.745568 | 6.767344 | .0430216 |
| #3 | 5.265267 | 6.148198 | .0353225 | .0055564 | 2.772897 | 6.768762 | .0434457 |

Sample Name: P5056-09      Acquired: 12/17/2024 4:51:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL36      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4590279 | -.038751 | .0296869 |
| Stddev | .0023555 | .000437  | .0030380 |
| %RSD   | .5131403 | 1.127482 | 10.23360 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4566193 | -.038299 | .0322443 |
| #2 | .4591380 | -.038782 | .0304877 |
| #3 | .4613264 | -.039171 | .0263287 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2397.473 | 29327.22 | 2876.142 | 2034.083 | 2597.551 |
| Stddev    | 2.846    | 58.21    | 8.407    | 4.273    | 8.455    |
| %RSD      | .1186883 | .1984748 | .2923042 | .2100510 | .3255101 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2400.668 | 29372.85 | 2876.806 | 2030.757 | 2604.731 |
| #2 | 2396.539 | 29347.14 | 2884.197 | 2032.590 | 2599.690 |
| #3 | 2395.212 | 29261.67 | 2867.423 | 2038.902 | 2588.232 |

Sample Name: P5056-11      Acquired: 12/17/2024 4:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0873961 | .0284923 | .2959442 | -.019692 | .0249843 | 63.41676 | .7150042 |
| Stddev | .0028702 | .0017292 | .0056141 | .000619  | .0011299 | .14431   | .0010828 |
| %RSD   | 3.284102 | 6.069040 | 1.897007 | 3.144856 | 4.522258 | .2275503 | .1514451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0871161 | .0266188 | .2933281 | -.019832 | .0247246 | 63.26283 | .7138199 |
| #2 | .0903960 | .0288310 | .2921156 | -.020229 | .0262213 | 63.54898 | .7159437 |
| #3 | .0846761 | .0300271 | .3023889 | -.019015 | .0240068 | 63.43847 | .7152491 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068003 | .0058160 | 165.1474 | .0806980 | .1126594 | .1962581 | 155.6576 |
| Stddev | .0001505 | .0000814 | .1913    | .0005527 | .0002796 | .0146305 | .4088    |
| %RSD   | 2.213126 | 1.399017 | .1158369 | .6848727 | .2482226 | 7.454734 | .2626528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067624 | .0057959 | 164.9281 | .0807574 | .1124594 | .1794453 | 155.2010 |
| #2 | .0069662 | .0057466 | 165.2341 | .0801180 | .1125399 | .2032328 | 155.7821 |
| #3 | .0066724 | .0059056 | 165.2800 | .0812186 | .1129790 | .2060961 | 155.9898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.742175 | 19.92370 | .1282417 | .0007526 | 2.309298 | .1388054 | .5268520 |
| Stddev | .030069  | .06168   | .0006346 | .0008936 | .342649  | .0064170 | .0169860 |
| %RSD   | .3883775 | .3095600 | .4948712 | 118.7327 | 14.83779 | 4.623009 | 3.224058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.708318 | 19.91889 | .1281128 | -.000026 | 2.645437 | .1324342 | .5138971 |
| #2 | 7.765769 | 19.86456 | .1276814 | .001729  | 2.321966 | .1387148 | .5205760 |
| #3 | 7.752438 | 19.98764 | .1289309 | .000555  | 1.960491 | .1452672 | .5460830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.346381 | 3.343940 | .0355524 | .0014154 | .8433286 | 7.248036 | .0249920 |
| Stddev | .126177  | .011609  | .0027634 | .0001539 | .0064375 | .056442  | .0012158 |
| %RSD   | 9.371571 | .3471737 | 7.772723 | 10.86947 | .7633478 | .7787175 | 4.864904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.471534 | 3.338512 | .0354089 | .0014611 | .8359340 | 7.252596 | .0255603 |
| #2 | 1.219205 | 3.336039 | .0328636 | .0015413 | .8463688 | 7.302060 | .0235960 |
| #3 | 1.348405 | 3.357269 | .0383848 | .0012439 | .8476830 | 7.189453 | .0258196 |

Sample Name: P5056-11      Acquired: 12/17/2024 4:58:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3743262 | .0474772 | .0298127 |
| Stddev | .0010906 | .0001593 | .0014514 |
| %RSD   | .2913443 | .3354481 | 4.868487 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3731216 | .0475105 | .0294719 |
| #2 | .3746103 | .0476171 | .0285620 |
| #3 | .3752465 | .0473039 | .0314042 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2534.075 | 30884.83 | 3090.686 | 2145.783 | 2501.921 |
| Stddev    | 5.011    | 33.55    | 19.798   | 10.605   | 7.282    |
| %RSD      | .1977274 | .1086146 | .6405567 | .4942183 | .2910432 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2529.252 | 30915.57 | 3095.724 | 2154.434 | 2498.355 |
| #2 | 2539.254 | 30889.87 | 3068.856 | 2148.963 | 2510.299 |
| #3 | 2533.720 | 30849.05 | 3107.478 | 2133.952 | 2497.110 |

Sample Name: P5056-10      Acquired: 12/17/2024 4:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL37      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1187632 | .0201230 | .4897943 | -.001862 | .0297163 | 68.51826 | .7355673 |
| Stddev | .0029303 | .0009644 | .0024019 | .000410  | .0007635 | .14552   | .0011598 |
| %RSD   | 2.467379 | 4.792746 | .4903830 | 21.99985 | 2.569181 | .2123818 | .1576745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1221208 | .0203266 | .4880863 | -.002329 | .0292576 | 68.68473 | .7366256 |
| #2 | .1174475 | .0190730 | .4887560 | -.001568 | .0305976 | 68.45481 | .7357489 |
| #3 | .1167213 | .0209694 | .4925407 | -.001687 | .0292936 | 68.41524 | .7343274 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073130 | .0064553 | 71.34293 | .1030315 | .1115047 | .2017355 | 160.2999 |
| Stddev | .0000053 | .0001374 | .07155   | .0001010 | .0005764 | .0016696 | .3893    |
| %RSD   | .0719510 | 2.127856 | .1002943 | .0979762 | .5169684 | .8276166 | .2428537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073130 | .0063254 | 71.41907 | .1030064 | .1114194 | .2033385 | 160.7394 |
| #2 | .0073183 | .0064414 | 71.27708 | .1029455 | .1109756 | .2018615 | 160.1620 |
| #3 | .0073078 | .0065990 | 71.33263 | .1031426 | .1121190 | .2000065 | 159.9983 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.107362 | 19.62785 | .1405198 | .0008753 | 2.523768 | .1599078 | .5094047 |
| Stddev | .022309  | .06542   | .0015822 | .0005249 | .215215  | .0086653 | .0096365 |
| %RSD   | .2751723 | .3333214 | 1.125990 | 59.97061 | 8.527532 | 5.418931 | 1.891723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.132433 | 19.64041 | .1387705 | .0008246 | 2.496914 | .1699052 | .5192555 |
| #2 | 8.099955 | 19.68608 | .1409377 | .0014237 | 2.323240 | .1545543 | .5089608 |
| #3 | 8.089699 | 19.55705 | .1418510 | .0003776 | 2.751150 | .1552638 | .4999978 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.155670 | 3.752498 | .0324962 | .0041049 | 1.920442 | 8.007116 | .0501248 |
| Stddev | .199507  | .015498  | .0010121 | .0001178 | .007117  | .014338  | .0005035 |
| %RSD   | 4.800844 | .4130138 | 3.114443 | 2.868801 | .3705857 | .1790694 | 1.004518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.221086 | 3.742296 | .0336631 | .0041091 | 1.921733 | 7.990696 | .0506409 |
| #2 | 4.314258 | 3.744866 | .0318564 | .0042206 | 1.912768 | 8.017163 | .0496349 |
| #3 | 3.931668 | 3.770333 | .0319693 | .0039852 | 1.926825 | 8.013489 | .0500986 |

Sample Name: P5056-10      Acquired: 12/17/2024 4:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL37      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5338110 | -.029831 | .0302990 |
| Stddev | .0025698 | .000407  | .0035056 |
| %RSD   | .4814010 | 1.364835 | 11.57008 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5367207 | -.029710 | .0262513 |
| #2 | .5328596 | -.030285 | .0322858 |
| #3 | .5318525 | -.029499 | .0323600 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2474.194 | 30308.92 | 2980.869 | 2099.050 | 2576.842 |
| Stddev    | 4.378    | 119.78   | 4.444    | 2.598    | 3.834    |
| %RSD      | .1769322 | .3951868 | .1490698 | .1237593 | .1487781 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2474.109 | 30171.39 | 2976.282 | 2099.835 | 2576.119 |
| #2 | 2478.613 | 30390.34 | 2985.153 | 2096.150 | 2580.986 |
| #3 | 2469.859 | 30365.03 | 2981.172 | 2101.164 | 2573.421 |



Sample Name: P5056-12      Acquired: 12/17/2024 5:02:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0443369 | .0486815 | .2036175 | -.041570 | .0080569 | 47.01647 |
| Stddev | .0055923 | .0006679 | .0024047 | .005034  | .0026085 | .10771   |
| %RSD   | 12.61326 | 1.371973 | 1.180992 | 12.10939 | 32.37618 | .2290893 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0378809 | .0489812 | .2037234 | -.038328 | .0097047 | 47.11610 |
| #2 | .0474465 | .0479163 | .2011617 | -.039012 | .0094166 | 47.03113 |
| #3 | .0476833 | .0491471 | .2059676 | -.047369 | .0050495 | 46.90218 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5836656 | .0048612 | .0038828 | F 975.8844 | .0682801 | .0899040 |
| Stddev | .0020290 | .0001286 | .0000620 | .3138      | .0005990 | .0006787 |
| %RSD   | .3476348 | 2.646042 | 1.597636 | .0321552   | .8772568 | .7549282 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5827000 | .0049263 | .0038749 | 975.6965 | .0679600 | .0903430 |
| #2 | .5859971 | .0049443 | .0039484 | 976.2467 | .0679092 | .0891223 |
| #3 | .5822996 | .0047130 | .0038251 | 975.7101 | .0689712 | .0902469 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1676601 | 100.5351 | 6.125236 | 65.77122 | .1003313 | .0000097 |
| Stddev | .0037488 | .2237    | .008248  | .41264   | .0002992 | .0007165 |
| %RSD   | 2.235967 | .2224870 | .1346604 | .6273877 | .2982247 | 7386.914 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1648404 | 100.5180 | 6.123160 | 66.09123 | .1001403 | -.000816 |
| #2 | .1719143 | 100.7669 | 6.134324 | 65.91694 | .1001774 | .000463  |
| #3 | .1662256 | 100.3205 | 6.118224 | 65.30549 | .1006761 | .000383  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.048441 | .0885418 | .4572108 | 2.977486 | 3.129021 | .0525648 |
| Stddev | .669482  | .0070056 | .0142593 | .080663  | .026794  | .0008131 |
| %RSD   | 21.96146 | 7.912191 | 3.118763 | 2.709111 | .8563135 | 1.546861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.382632 | .0810619 | .4476089 | 3.070213 | 3.114986 | .0532214 |
| #2 | 3.041156 | .0896140 | .4735954 | 2.923519 | 3.112160 | .0528176 |
| #3 | 3.721537 | .0949494 | .4504280 | 2.938726 | 3.159918 | .0516553 |

Sample Name: P5056-12      Acquired: 12/17/2024 5:02:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001623 | 1.646197 | 6.307381 | .0229168 | .1731301 | .8698408 |
| Stddev | .000093  | .028469  | .084409  | .0010132 | .0061906 | .0018703 |
| %RSD   | 5.752151 | 1.729354 | 1.338258 | 4.421049 | 3.575680 | .2150208 |
| #1     | -.001723 | 1.629046 | 6.368469 | .0221257 | .1762364 | .8680627 |
| #2     | -.001608 | 1.630487 | 6.342611 | .0225659 | .1771524 | .8717914 |
| #3     | -.001538 | 1.679059 | 6.211064 | .0240587 | .1660014 | .8696683 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0322976 |
| Stddev | .0024120 |
| %RSD   | 7.467974 |
| #1     | .0349799 |
| #2     | .0303072 |
| #3     | .0316056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2212.674 | 27147.17 | 2778.916 | 1877.109 | 2270.523 |
| Stddev    | 13.886   | 109.71   | 21.867   | 8.959    | 18.938   |
| %RSD      | .6275456 | .4041445 | .7868980 | .4772701 | .8340684 |
| #1        | 2218.185 | 27223.15 | 2765.230 | 1878.939 | 2276.271 |
| #2        | 2222.958 | 27196.97 | 2767.381 | 1885.011 | 2285.920 |
| #3        | 2196.879 | 27021.39 | 2804.135 | 1867.376 | 2249.377 |

Sample Name: P5056-14      Acquired: 12/17/2024 5:10:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1644619 | .0621081 | .2803327 | -.037169 | .0121369 | 38.81685 |
| Stddev | .0018727 | .0057661 | .0039487 | .000847  | .0014064 | .17593   |
| %RSD   | 1.138676 | 9.284038 | 1.408575 | 2.279547 | 11.58736 | .4532321 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1646065 | .0685252 | .2814267 | -.036730 | .0115525 | 39.01931 |
| #2 | .1625211 | .0604367 | .2759523 | -.036631 | .0137413 | 38.70114 |
| #3 | .1662581 | .0573622 | .2836190 | -.038145 | .0111170 | 38.73012 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5785967 | .0033224 | .0042798 | F 1267.761 | .0685818 | .1712003 |
| Stddev | .0021217 | .0000712 | .0001838 | 16.707     | .0003525 | .0009070 |
| %RSD   | .3666995 | 2.142847 | 4.293659 | 1.317801   | .5140433 | .5297702 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5789476 | .0033570 | .0043887 | 1282.354 | .0687062 | .1709343 |
| #2 | .5805211 | .0032405 | .0040676 | 1249.538 | .0681839 | .1704560 |
| #3 | .5763214 | .0033695 | .0043831 | 1271.391 | .0688552 | .1722105 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3392813 | 127.8872 | 13.60512 | 157.1216 | .1549188 | .0036706 |
| Stddev | .0087709 | .5847    | .04190   | .4866    | .0004163 | .0003864 |
| %RSD   | 2.585142 | .4571960 | .3079806 | .3097231 | .2687411 | 10.52612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3485536 | 128.1138 | 13.65042 | 157.6767 | .1551970 | .0032442 |
| #2 | .3381734 | 128.3247 | 13.59717 | 156.9199 | .1551194 | .0039975 |
| #3 | .3311171 | 127.2231 | 13.56776 | 156.7683 | .1544402 | .0037701 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.367746 | .0899537 | .4222843 | 2.307048 | F 11.21327 | .0485657 |
| Stddev | .389369  | .0052786 | .0083997 | .097915  | .02000     | .0017364 |
| %RSD   | 11.56172 | 5.868102 | 1.989110 | 4.244177 | .1784041   | 3.575283 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.817344 | .0930586 | .4181618 | 2.238597 | 11.19455 | .0504034 |
| #2 | 3.145100 | .0929436 | .4167423 | 2.263343 | 11.21093 | .0483411 |
| #3 | 3.140794 | .0838589 | .4319487 | 2.419205 | 11.23435 | .0469525 |

Sample Name: P5056-14      Acquired: 12/17/2024 5:10:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037682 | 3.878568 | 5.385026 | .0287918 | .4014576 | 1.211541 |
| Stddev | .0003808 | .012450  | .047288  | .0008754 | .0037754 | .003412  |
| %RSD   | 10.10477 | .3209883 | .8781374 | 3.040301 | .9404189 | .2816377 |
| #1     | .0038779 | 3.865334 | 5.435311 | .0289986 | .4025702 | 1.215472 |
| #2     | .0040821 | 3.880323 | 5.341452 | .0278315 | .4045516 | 1.209341 |
| #3     | .0033446 | 3.890047 | 5.378314 | .0295452 | .3972509 | 1.209811 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0466385 |
| Stddev | .0049236 |
| %RSD   | 10.55702 |
| #1     | .0505396 |
| #2     | .0411063 |
| #3     | .0482696 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2203.358 | 27008.44 | 2795.458 | 1866.880 | 2166.528 |
| Stddev    | 7.938    | 111.57   | 12.524   | 8.380    | 4.065    |
| %RSD      | .3602862 | .4130825 | .4480135 | .4488625 | .1876225 |
| #1        | 2203.989 | 27079.21 | 2783.864 | 1865.408 | 2166.263 |
| #2        | 2210.962 | 27066.28 | 2808.741 | 1875.899 | 2170.718 |
| #3        | 2195.122 | 26879.83 | 2793.771 | 1859.334 | 2162.602 |

Sample Name: P5056-13      Acquired: 12/17/2024 5:06:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL40      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0474518 | .0534854 | .1989691 | -.042784 | .0087765 | 43.65896 |
| Stddev | .0055927 | .0033030 | .0037302 | .004087  | .0025346 | .15521   |
| %RSD   | 11.78597 | 6.175522 | 1.874753 | 9.553680 | 28.87995 | .3555056 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0416229 | .0498045 | .1977405 | -.044634 | .0062435 | 43.76340 |
| #2 | .0527737 | .0561906 | .2031586 | -.045619 | .0113128 | 43.48060 |
| #3 | .0479590 | .0544613 | .1960081 | -.038099 | .0087731 | 43.73287 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6284400 | .0042207 | .0040960 | F 1365.535 | .0652920 | .1165805 |
| Stddev | .0043454 | .0001814 | .0001339 | 12.067     | .0012748 | .0007924 |
| %RSD   | .6914666 | 4.298914 | 3.268726 | .8836962   | 1.952443 | .6797378 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6305589 | .0044257 | .0040215 | 1369.870 | .0658521 | .1172792 |
| #2 | .6234415 | .0040809 | .0042505 | 1374.836 | .0661908 | .1167429 |
| #3 | .6313195 | .0041554 | .0040159 | 1351.899 | .0638330 | .1157195 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2851649 | 114.3291 | 8.775125 | 136.8300 | .1297153 | -.000931 |
| Stddev | .0092919 | .7651    | .056571  | .4757    | .0006625 | .002738  |
| %RSD   | 3.258437 | .6692461 | .6446690 | .3476689 | .5107491 | 294.1065 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2958533 | 114.8567 | 8.811434 | 137.1539 | .1289664 | .001913  |
| #2 | .2790094 | 113.4515 | 8.709944 | 136.2839 | .1299542 | -.003550 |
| #3 | .2806321 | 114.6789 | 8.803997 | 137.0523 | .1302252 | -.001157 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.060869 | .0892431 | .3433395 | 4.764601 | 3.567228 | .0705563 |
| Stddev | .455887  | .0047543 | .0017521 | .262462  | .012299  | .0029254 |
| %RSD   | 14.89405 | 5.327356 | .5103085 | 5.508573 | .3447781 | 4.146195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.532961 | .0939259 | .3420692 | 4.850118 | 3.580224 | .0735877 |
| #2 | 2.623130 | .0844204 | .3453383 | 4.470046 | 3.565690 | .0677499 |
| #3 | 3.026515 | .0893831 | .3426110 | 4.973638 | 3.555771 | .0703311 |

Sample Name: P5056-13      Acquired: 12/17/2024 5:06:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL40      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002230 | 1.865012 | 5.780563 | .0291642 | .2799360 | .8889187 |
| Stddev | .000163  | .010429  | .017449  | .0019536 | .0030199 | .0050098 |
| %RSD   | 7.328684 | .5592152 | .3018482 | 6.698579 | 1.078777 | .5635897 |
| #1     | -.002415 | 1.874112 | 5.797642 | .0299393 | .2795743 | .8907693 |
| #2     | -.002107 | 1.853631 | 5.762767 | .0306113 | .2771133 | .8832468 |
| #3     | -.002167 | 1.867293 | 5.781281 | .0269420 | .2831205 | .8927399 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0431695 |
| Stddev | .0028939 |
| %RSD   | 6.703678 |
| #1     | .0408549 |
| #2     | .0422395 |
| #3     | .0464141 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2137.238 | 26238.46 | 2736.131 | 1811.241 | 2175.513 |
| Stddev    | 5.268    | 252.77   | 10.206   | 23.472   | 4.057    |
| %RSD      | .2464817 | .9633409 | .3730204 | 1.295882 | .1864761 |
| #1        | 2131.387 | 26108.76 | 2724.503 | 1800.160 | 2171.074 |
| #2        | 2141.604 | 26076.88 | 2740.283 | 1795.362 | 2176.437 |
| #3        | 2138.723 | 26529.75 | 2743.608 | 1838.201 | 2179.028 |

Sample Name: P5056-15      Acquired: 12/17/2024 5:14:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL42      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0338514 | .0419361 | .4144758 | -.034550 | .0054671 | 27.43933 | .6898028 |
| Stddev | .0019189 | .0048253 | .0051033 | .005252  | .0025183 | .05331   | .0008819 |
| %RSD   | 5.668725 | 11.50636 | 1.231266 | 15.20247 | 46.06259 | .1942778 | .1278539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0321373 | .0415561 | .4101180 | -.037958 | .0026244 | 27.37852 | .6890869 |
| #2 | .0334925 | .0469403 | .4132196 | -.028501 | .0063583 | 27.46150 | .6907880 |
| #3 | .0359245 | .0373121 | .4200899 | -.037190 | .0074185 | 27.47798 | .6895335 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028380 | .0043539 | 612.8697 | .0684837 | .0723176 | .1375305 | 76.56282 |
| Stddev | .0000674 | .0000403 | 1.8106   | .0008524 | .0005294 | .0026303 | .17555   |
| %RSD   | 2.375936 | .9254033 | .2954232 | 1.244708 | .7320900 | 1.912520 | .2292887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028321 | .0043457 | 611.0347 | .0677008 | .0722149 | .1400359 | 76.36045 |
| #2 | .0029082 | .0043977 | 612.9195 | .0693918 | .0718471 | .1347909 | 76.67408 |
| #3 | .0027738 | .0043184 | 614.6548 | .0683585 | .0728909 | .1377648 | 76.65394 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.465105 | 205.9219 | .0830840 | .0010935 | 3.287652 | .0754465 | .5633249 |
| Stddev | .009841  | .4426    | .0002996 | .0008780 | .442551  | .0066506 | .0121047 |
| %RSD   | .1522183 | .2149402 | .3606163 | 80.29329 | 13.46099 | 8.815013 | 2.148790 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.454751 | 205.6143 | .0828160 | .0003716 | 3.467092 | .0739717 | .5752351 |
| #2 | 6.474337 | 205.7221 | .0834075 | .0008379 | 3.612301 | .0696571 | .5510347 |
| #3 | 6.466226 | 206.4291 | .0830286 | .0020709 | 2.783562 | .0827108 | .5637048 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.671441 | 6.204452 | .0660650 | .0035476 | 9.406754 | 4.290566 | .0425420 |
| Stddev | .113637  | .050125  | .0033916 | .0003212 | .068130  | .012197  | .0017814 |
| %RSD   | 3.095156 | .8078802 | 5.133748 | 9.055352 | .7242714 | .2842743 | 4.187308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.672546 | 6.171952 | .0668537 | .0032512 | 9.366440 | 4.287532 | .0404860 |
| #2 | 3.557256 | 6.179225 | .0689927 | .0035027 | 9.368407 | 4.280172 | .0435166 |
| #3 | 3.784522 | 6.262178 | .0623485 | .0038890 | 9.485416 | 4.303993 | .0436234 |

Sample Name: P5056-15      Acquired: 12/17/2024 5:14:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL42      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3703463 | .4064270 | -.002079 |
| Stddev | .0074411 | .0000794 | .002250  |
| %RSD   | 2.009216 | .0195271 | 108.2296 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3678000 | .4063356 | -.000856 |
| #2 | .3787263 | .4064672 | -.000706 |
| #3 | .3645127 | .4064783 | -.004676 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2049.815 | 25224.18 | 2563.220 | 1737.647 | 2347.680 |
| Stddev    | 10.923   | 76.27    | 7.385    | 10.212   | 12.666   |
| %RSD      | .5328852 | .3023643 | .2881141 | .5876833 | .5395032 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2053.812 | 25138.92 | 2564.574 | 1732.589 | 2351.263 |
| #2 | 2058.177 | 25285.92 | 2569.834 | 1749.401 | 2358.168 |
| #3 | 2037.457 | 25247.69 | 2555.252 | 1730.952 | 2333.609 |



Sample Name: P5056-17      Acquired: 12/17/2024 5:22:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL44      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1451771 | .0347152 | 1.543421 | -.002833 | .0356776 | 72.18812 | 1.471052 |
| Stddev | .0030039 | .0033015 | .008455  | .002676  | .0005158 | .17767   | .000610  |
| %RSD   | 2.069122 | 9.510280 | .5478308 | 94.47196 | 1.445628 | .2461252 | .0414580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1486455 | .0360229 | 1.544093 | -.004795 | .0357720 | 71.98926 | 1.470352 |
| #2 | .1434753 | .0309601 | 1.534650 | .000216  | .0351212 | 72.33122 | 1.471464 |
| #3 | .1434105 | .0371626 | 1.551521 | -.003918 | .0361397 | 72.24390 | 1.471342 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073750 | .0106360 | 99.15892 | .1406886 | .1209395 | .2810059 | 173.6604 |
| Stddev | .0001461 | .0000539 | .25116   | .0017482 | .0006442 | .0079400 | .5872    |
| %RSD   | 1.981340 | .5070401 | .2532891 | 1.242625 | .5327075 | 2.825570 | .3381356 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072484 | .0105846 | 98.88151 | .1412499 | .1206938 | .2890200 | 173.0010 |
| #2 | .0075349 | .0106315 | 99.37085 | .1420873 | .1204542 | .2731421 | 174.1267 |
| #3 | .0073416 | .0106921 | 99.22441 | .1387287 | .1216704 | .2808555 | 173.8536 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.60295 | 46.79555 | .2357704 | .0040861 | 3.208474 | .1753802 | .9604125 |
| Stddev | .02667   | .16940   | .0015297 | .0003685 | .397489  | .0128635 | .0093712 |
| %RSD   | .1826515 | .3619910 | .6488029 | 9.019285 | 12.38872 | 7.334610 | .9757529 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.57217 | 46.61065 | .2344755 | .0040838 | 2.751335 | .1898313 | .9583949 |
| #2 | 14.61935 | 46.83272 | .2353775 | .0044557 | 3.401470 | .1651811 | .9522144 |
| #3 | 14.61732 | 46.94327 | .2374582 | .0037187 | 3.472617 | .1711281 | .9706282 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.402741 | 7.177901 | .0448769 | .0073838 | 4.653353 | 8.650788 | .1514399 |
| Stddev | .018971  | .023095  | .0004408 | .0005101 | .030841  | .059554  | .0020766 |
| %RSD   | .4308914 | .3217511 | .9822091 | 6.907852 | .6627686 | .6884211 | 1.371259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.420745 | 7.172063 | .0453856 | .0071119 | 4.666197 | 8.623629 | .1513062 |
| #2 | 4.382932 | 7.158285 | .0446064 | .0079722 | 4.618166 | 8.719080 | .1535801 |
| #3 | 4.404546 | 7.203354 | .0446388 | .0070673 | 4.675696 | 8.609655 | .1494333 |

Sample Name: P5056-17      Acquired: 12/17/2024 5:22:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL44      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7158186 | .0366292 | .0580680 |
| Stddev | .0002602 | .0004348 | .0009611 |
| %RSD   | .0363498 | 1.187153 | 1.655076 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7158237 | .0370523 | .0580900 |
| #2 | .7155558 | .0361835 | .0570960 |
| #3 | .7160762 | .0366518 | .0590178 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | ln2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2362.734 | 28953.72 | 2859.311 | 2013.585 | 2518.579 |
| Stddev    | 14.717   | 149.23   | 10.235   | 14.209   | 14.484   |
| %RSD      | .6228964 | .5153980 | .3579703 | .7056385 | .5750917 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2377.820 | 28964.44 | 2871.017 | 2016.619 | 2533.477 |
| #2 | 2361.966 | 29097.30 | 2854.875 | 2026.032 | 2517.712 |
| #3 | 2348.415 | 28799.42 | 2852.043 | 1998.105 | 2504.547 |

Sample Name: P5056-21      Acquired: 12/17/2024 5:37:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0623211 | .0447433 | .3224276 | -.036532 | .0222314 | 68.86594 |
| Stddev | .0072582 | .0050351 | .0013765 | .001035  | .0018913 | .09578   |
| %RSD   | 11.64647 | 11.25336 | .4269006 | 2.833459 | 8.507472 | .1390860 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0567066 | .0400915 | .3208736 | -.036326 | .0201387 | 68.94294 |
| #2 | .0597394 | .0440487 | .3234934 | -.035615 | .0227369 | 68.75868 |
| #3 | .0705172 | .0500896 | .3229158 | -.037655 | .0238186 | 68.89620 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8609453 | .0054140 | .0046391 | F 940.9862 | .1025716 | .1409009 |
| Stddev | .0008094 | .0000479 | .0002323 | .1723      | .0006860 | .0001925 |
| %RSD   | .0940147 | .8843543 | 5.007344 | .0183068   | .6688143 | .1366110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8603185 | .0054223 | .0044943 | 941.0245 | .1021407 | .1407263 |
| #2 | .8606583 | .0053625 | .0045160 | 940.7980 | .1033627 | .1408692 |
| #3 | .8618591 | .0054571 | .0049071 | 941.1361 | .1022114 | .1411073 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1881273 | 179.5703 | 10.08806 | 221.0437 | .2197533 | -.000209 |
| Stddev | .0019823 | .4395    | .02091   | .3057    | .0016855 | .001271  |
| %RSD   | 1.053693 | .2447721 | .2072763 | .1383016 | .7670149 | 607.8135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1864837 | 179.7944 | 10.09040 | 220.8790 | .2183376 | -.000307 |
| #2 | .1903287 | 179.0639 | 10.06609 | 220.8557 | .2193043 | -.001428 |
| #3 | .1875694 | 179.8527 | 10.10771 | 221.3964 | .2216178 | .001108  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.844773 | .1570734 | .5885430 | 6.435928 | 6.323203 | .0627753 |
| Stddev | .241353  | .0022111 | .0067166 | .141577  | .018752  | .0019285 |
| %RSD   | 6.277421 | 1.407692 | 1.141220 | 2.199787 | .2965559 | 3.072118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.827885 | .1545203 | .5945270 | 6.422519 | 6.324625 | .0606995 |
| #2 | 3.612308 | .1583584 | .5812783 | 6.301533 | 6.303780 | .0645114 |
| #3 | 4.094126 | .1583416 | .5898236 | 6.583733 | 6.341203 | .0631151 |

Sample Name: P5056-21      Acquired: 12/17/2024 5:37:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003469 | 1.544023 | 7.607781 | .0373654 | .8979246 | .8016685 |
| Stddev | .0006497 | .004581  | .021828  | .0034170 | .0029746 | .0015279 |
| %RSD   | 187.3150 | .2966621 | .2869179 | 9.144722 | .3312715 | .1905916 |
| #1     | .0008770 | 1.544845 | 7.621651 | .0388960 | .9012047 | .8034327 |
| #2     | -.000378 | 1.539087 | 7.582620 | .0397495 | .8971668 | .8007950 |
| #3     | .000542  | 1.548136 | 7.619072 | .0334508 | .8954021 | .8007777 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1025969 |
| Stddev | .0055185 |
| %RSD   | 5.378822 |
| #1     | .0986807 |
| #2     | .1089083 |
| #3     | .1002017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2148.516 | 26450.46 | 2736.114 | 1826.663 | 2197.925 |
| Stddev    | 6.470    | 37.35    | 19.671   | 5.957    | 5.794    |
| %RSD      | .3011600 | .1411953 | .7189326 | .3260991 | .2636065 |
| #1        | 2155.872 | 26442.70 | 2736.001 | 1821.034 | 2203.588 |
| #2        | 2145.970 | 26491.07 | 2755.842 | 1832.900 | 2198.178 |
| #3        | 2143.706 | 26417.60 | 2716.500 | 1826.054 | 2192.009 |

Sample Name: P5056-20      Acquired: 12/17/2024 5:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0662609 | .0452302 | .3199493 | -.040513 | .0221287 | 68.87853 |
| Stddev | .0019652 | .0008246 | .0008047 | .000854  | .0027738 | .17872   |
| %RSD   | 2.965834 | 1.823128 | .2515105 | 2.107666 | 12.53497 | .2594709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0674853 | .0444063 | .3191240 | -.041480 | .0245250 | 69.07267 |
| #2 | .0673033 | .0452288 | .3199922 | -.040195 | .0227711 | 68.84207 |
| #3 | .0639941 | .0460554 | .3207317 | -.039864 | .0190900 | 68.72085 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8575219 | .0054920 | .0044746 | F 941.3495 | .1030830 | .1409780 |
| Stddev | .0041487 | .0001000 | .0001750 | 3.7980     | .0006230 | .0002424 |
| %RSD   | .4837998 | 1.820330 | 3.911212 | .4034596   | .6044139 | .1719377 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8623103 | .0055413 | .0046182 | 944.9004 | .1023661 | .1407444 |
| #2 | .8552501 | .0055577 | .0045259 | 941.8027 | .1033888 | .1412284 |
| #3 | .8550053 | .0053769 | .0042797 | 937.3452 | .1034940 | .1409612 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1896724 | 178.6795 | 10.05487 | 220.5749 | .2193883 | -.000820 |
| Stddev | .0062227 | .6839    | .04999   | .8250    | .0008022 | .000322  |
| %RSD   | 3.280776 | .3827439 | .4971516 | .3740350 | .3656428 | 39.22572 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1905307 | 179.4564 | 10.11249 | 221.4452 | .2202371 | -.000864 |
| #2 | .1954214 | 178.4131 | 10.02301 | 220.4754 | .2192850 | -.000479 |
| #3 | .1830651 | 178.1688 | 10.02913 | 219.8041 | .2186428 | -.001117 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.550166 | .1588288 | .5902341 | 6.581613 | 6.324816 | .0621702 |
| Stddev | .425928  | .0088695 | .0096678 | .126266  | .027739  | .0036144 |
| %RSD   | 11.99740 | 5.584289 | 1.637966 | 1.918466 | .4385690 | 5.813664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.115240 | .1561895 | .5930223 | 6.720817 | 6.309207 | .0638890 |
| #2 | 3.568773 | .1687183 | .5794785 | 6.474463 | 6.308397 | .0580171 |
| #3 | 3.966486 | .1515786 | .5982014 | 6.549559 | 6.356842 | .0646044 |

Sample Name: P5056-20      Acquired: 12/17/2024 5:33:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006061 | 1.555649 | 7.575430 | .0393886 | .8932282 | .7999412 |
| Stddev | .0007635 | .015037  | .062159  | .0018077 | .0041685 | .0023165 |
| %RSD   | 125.9649 | .9666368 | .8205354 | 4.589333 | .4666817 | .2895807 |
| #1     | .0008508 | 1.572965 | 7.635354 | .0388273 | .8980286 | .8026128 |
| #2     | .0012173 | 1.545875 | 7.579683 | .0379283 | .8905215 | .7987190 |
| #3     | -.000250 | 1.548108 | 7.511254 | .0414104 | .8911345 | .7984918 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1032291 |
| Stddev | .0006910 |
| %RSD   | .6693687 |
| #1     | .1040029 |
| #2     | .1026736 |
| #3     | .1030108 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2146.176 | 26490.19 | 2743.811 | 1824.210 | 2193.350 |
| Stddev    | 7.992    | 132.36   | 12.158   | 10.579   | 10.504   |
| %RSD      | .3724007 | .4996596 | .4430972 | .5798986 | .4788920 |
| #1        | 2151.272 | 26524.17 | 2729.948 | 1831.573 | 2201.382 |
| #2        | 2150.291 | 26602.24 | 2752.658 | 1828.970 | 2197.205 |
| #3        | 2136.964 | 26344.15 | 2748.828 | 1812.088 | 2181.463 |

Sample Name: P5056-19      Acquired: 12/17/2024 5:30:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0561251 | .0328159 | .2510956 | -.034021 | .0221013 | 60.63113 | .8917751 |
| Stddev | .0066800 | .0021146 | .0023202 | .001564  | .0024742 | .03689   | .0038608 |
| %RSD   | 11.90200 | 6.443665 | .9240207 | 4.597613 | 11.19463 | .0608449 | .4329360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0623566 | .0325136 | .2531905 | -.035708 | .0192444 | 60.60361 | .8873791 |
| #2 | .0490725 | .0350653 | .2514944 | -.032618 | .0235443 | 60.67305 | .8933309 |
| #3 | .0569463 | .0308688 | .2486018 | -.033739 | .0235151 | 60.61673 | .8946152 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053510 | .0034966 | 511.8739 | .0946191 | .1105850 | .1080107 | 144.8230 |
| Stddev | .0000491 | .0001324 | .3742    | .0010998 | .0003736 | .0029707 | .4852    |
| %RSD   | .9177971 | 3.785543 | .0731091 | 1.162387 | .3377983 | 2.750387 | .3350527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054044 | .0035543 | 511.6692 | .0949938 | .1109770 | .1084457 | 144.3236 |
| #2 | .0053079 | .0033452 | 512.3058 | .0954826 | .1102331 | .1048464 | 144.8527 |
| #3 | .0053406 | .0035904 | 511.6467 | .0933809 | .1105449 | .1107399 | 145.2927 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.872951 | 62.11939 | .1509579 | .0003740 | 3.028867 | .1389395 | .3257805 |
| Stddev | .015444  | .16717   | .0014104 | .0003168 | .262988  | .0049223 | .0013584 |
| %RSD   | .2629767 | .2691050 | .9342910 | 84.72308 | 8.682716 | 3.542784 | .4169688 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.857443 | 61.97645 | .1495848 | .0006211 | 3.322459 | .1436562 | .3270763 |
| #2 | 5.888331 | 62.30320 | .1508859 | .0000168 | 2.814874 | .1393279 | .3258979 |
| #3 | 5.873078 | 62.07851 | .1524029 | .0004840 | 2.949269 | .1338345 | .3243671 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.785851 | 5.325127 | .0301957 | .0007516 | 1.679115 | 7.977720 | .0342033 |
| Stddev | .076016  | .018485  | .0017966 | .0006192 | .010480  | .009318  | .0028096 |
| %RSD   | 4.256553 | .3471210 | 5.950007 | 82.37983 | .6241670 | .1168021 | 8.214316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.821828 | 5.315003 | .0312397 | .0003683 | 1.671229 | 7.967110 | .0324860 |
| #2 | 1.837199 | 5.313915 | .0312263 | .0014659 | 1.675107 | 7.981479 | .0374456 |
| #3 | 1.698525 | 5.346462 | .0281211 | .0004206 | 1.691008 | 7.984572 | .0326783 |

Sample Name: P5056-19      Acquired: 12/17/2024 5:30:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6517302 | .3097881 | .0604314 |
| Stddev | .0036642 | .0017540 | .0007861 |
| %RSD   | .5622228 | .5661871 | 1.300732 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6496002 | .3078822 | .0610498 |
| #2 | .6559613 | .3113343 | .0606976 |
| #3 | .6496293 | .3101479 | .0595468 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2201.916 | 26889.64 | 2723.685 | 1858.798 | 2365.457 |
| Stddev    | 13.799   | 211.02   | 21.374   | 10.120   | 11.359   |
| %RSD      | .6266648 | .7847500 | .7847299 | .5444528 | .4802167 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2205.042 | 27118.91 | 2748.282 | 1867.710 | 2366.909 |
| #2 | 2213.884 | 26703.56 | 2713.140 | 1847.796 | 2376.021 |
| #3 | 2186.823 | 26846.44 | 2709.633 | 1860.887 | 2353.442 |



Sample Name: P5056-22      Acquired: 12/17/2024 5:45:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1452045 | .1428564 | .3584387 | .1053797 | .1734466 | 71.43877 |
| Stddev | .0017416 | .0052990 | .0036973 | .0052361 | .0053993 | .15444   |
| %RSD   | 1.199413 | 3.709304 | 1.031511 | 4.968820 | 3.112967 | .2161904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1433786 | .1371178 | .3548264 | .1114246 | .1769232 | 71.26287 |
| #2 | .1468473 | .1475642 | .3622156 | .1022510 | .1761902 | 71.55214 |
| #3 | .1453876 | .1438873 | .3582741 | .1024634 | .1672263 | 71.50132 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.311098 | .0924316 | .1020302 | F 933.4674 | .4548233 | 1.140675 |
| Stddev | .003852  | .0007219 | .0008978 | 1.9423     | .0001515 | .009308  |
| %RSD   | .0893444 | .7810154 | .8799039 | .2080690   | .0333092 | .8160189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.308072 | .0932194 | .1014652 | 931.2279 | .4546507 | 1.133374 |
| #2 | 4.315434 | .0918018 | .1030654 | 934.6905 | .4548847 | 1.151156 |
| #3 | 4.309789 | .0922735 | .1015599 | 934.4839 | .4549343 | 1.137494 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5820563 | 179.4069 | 10.78425 | 218.4589 | 1.217114 | .0668120 |
| Stddev | .0096176 | .5691    | .00617   | .2712    | .009729  | .0015986 |
| %RSD   | 1.652355 | .3172216 | .0572204 | .1241594 | .7993117 | 2.392606 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5829030 | 178.7657 | 10.78041 | 218.3745 | 1.209812 | .0650050 |
| #2 | .5720433 | 179.8524 | 10.79136 | 218.7623 | 1.228158 | .0673893 |
| #3 | .5912226 | 179.6025 | 10.78097 | 218.2399 | 1.213372 | .0680417 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.398506 | 1.007010 | 1.345949 | 6.440784 | 6.365781 | .0593791 |
| Stddev | .125908  | .005085  | .003434  | .209487  | .041862  | .0014234 |
| %RSD   | 3.704813 | .5050093 | .2551384 | 3.252513 | .6576087 | 2.397181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.292691 | 1.006750 | 1.344923 | 6.343421 | 6.334337 | .0577453 |
| #2 | 3.365070 | 1.012221 | 1.349779 | 6.297697 | 6.413298 | .0600402 |
| #3 | 3.537758 | 1.002060 | 1.343145 | 6.681235 | 6.349709 | .0603517 |

Sample Name: P5056-22      Acquired: 12/17/2024 5:45:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006349 | 1.555088 | 7.657613 | .0394011 | .8913347 | .7928785 |
| Stddev | .0002054 | .021491  | .035856  | .0010916 | .0017612 | .0005384 |
| %RSD   | 32.34346 | 1.381999 | .4682423 | 2.770453 | .1975908 | .0679095 |
| #1     | .0004013 | 1.535732 | 7.689297 | .0395330 | .8898845 | .7922979 |
| #2     | .0007870 | 1.578215 | 7.618689 | .0404208 | .8908251 | .7933614 |
| #3     | .0007164 | 1.551316 | 7.664853 | .0382496 | .8932945 | .7929763 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0997144 |
| Stddev | .0034828 |
| %RSD   | 3.492802 |
| #1     | .1022878 |
| #2     | .0957512 |
| #3     | .1011041 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2131.650 | 26486.62 | 2740.301 | 1819.871 | 2183.744 |
| Stddev    | 14.862   | 161.83   | 7.192    | 10.396   | 20.142   |
| %RSD      | .6971946 | .6109857 | .2624505 | .5712354 | .9223587 |
| #1        | 2144.572 | 26673.09 | 2747.968 | 1831.770 | 2200.323 |
| #2        | 2115.409 | 26382.87 | 2739.229 | 1815.293 | 2161.328 |
| #3        | 2134.967 | 26403.90 | 2733.705 | 1812.550 | 2189.581 |

Sample Name: P5056-20LX5      Acquired: 12/17/2024 5:41:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094962 | .0285598 | .0787097 | -.028280 | .0018849 | 15.61173 | .1943384 |
| Stddev | .0049035 | .0037441 | .0012642 | .001864  | .0009893 | .04440   | .0014632 |
| %RSD   | 51.63602 | 13.10954 | 1.606108 | 6.592414 | 52.48982 | .2843981 | .7528867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0151233 | .0293205 | .0773692 | -.029920 | .0009137 | 15.66160 | .1957093 |
| #2 | .0072265 | .0318651 | .0788795 | -.028669 | .0018494 | 15.59707 | .1927978 |
| #3 | .0061388 | .0244938 | .0798804 | -.026252 | .0028915 | 15.57651 | .1945082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012449 | .0008170 | 218.7328 | .0239782 | .0517252 | .0497210 | 42.45332 |
| Stddev | .0001348 | .0000292 | .0845    | .0010355 | .0003775 | .0078278 | .12313   |
| %RSD   | 10.82406 | 3.569517 | .0386265 | 4.318443 | .7298350 | 15.74340 | .2900412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013988 | .0008213 | 218.8291 | .0248966 | .0518011 | .0437735 | 42.31807 |
| #2 | .0011881 | .0007860 | 218.6982 | .0241820 | .0520590 | .0468002 | 42.48297 |
| #3 | .0011479 | .0008438 | 218.6711 | .0228559 | .0513155 | .0585892 | 42.55892 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.386989 | 52.11100 | .0422627 | -.000529 | 2.558002 | .0334064 | .1201694 |
| Stddev | .006213  | .07754   | .0008581 | .000685  | .533660  | .0111240 | .0056330 |
| %RSD   | .2602987 | .1488053 | 2.030466 | 129.3716 | 20.86236 | 33.29899 | 4.687508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.383714 | 52.04732 | .0432485 | .000073  | 1.947587 | .0358367 | .1208545 |
| #2 | 2.383099 | 52.08833 | .0418564 | -.001274 | 2.790150 | .0431144 | .1254285 |
| #3 | 2.394155 | 52.19735 | .0416832 | -.000387 | 2.936270 | .0212682 | .1142253 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.475256 | 1.234843 | .0076808 | .0005881 | .3172586 | 1.793870 | .0077410 |
| Stddev | .089361  | .003827  | .0018540 | .0003287 | .0033912 | .001542  | .0009373 |
| %RSD   | 6.057343 | .3099003 | 24.13840 | 55.88435 | 1.068913 | .0859443 | 12.10767 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.527458 | 1.239260 | .0059324 | .0009578 | .3187872 | 1.792204 | .0069900 |
| #2 | 1.526237 | 1.232515 | .0074851 | .0003287 | .3133722 | 1.794159 | .0074418 |
| #3 | 1.372073 | 1.232755 | .0096249 | .0004779 | .3196165 | 1.795247 | .0087914 |

Sample Name: P5056-20LX5      Acquired: 12/17/2024 5:41:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: MBHL47L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2009297 | .1830428 | -.000970 |
| Stddev | .0062504 | .0005224 | .003354  |
| %RSD   | 3.110756 | .2853866 | 345.5924 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1954389 | .1824553 | -.002173 |
| #2 | .2077317 | .1832183 | -.003557 |
| #3 | .1996186 | .1834549 | .002819  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2031.047 | 24769.25 | 2469.151 | 1712.762 | 2452.312 |
| Stddev    | 7.664    | 96.83    | 5.110    | 10.737   | 10.014   |
| %RSD      | .3773517 | .3909167 | .2069478 | .6269104 | .4083546 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2028.073 | 24760.42 | 2473.012 | 1711.707 | 2446.612 |
| #2 | 2039.753 | 24677.14 | 2463.357 | 1702.591 | 2463.875 |
| #3 | 2025.316 | 24870.19 | 2471.085 | 1723.988 | 2446.449 |

Sample Name: CCV048      Acquired: 12/17/2024 5:52:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV048      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.929282 | 4.635615 | 24.40554 | 4.943531 | 5.134442 | 397.8363 | 10.14922 |
| Stddev | .026981  | .021394  | .14523   | .024187  | .017854  | .3784    | .01799   |
| %RSD   | .5473623 | .4615204 | .5950591 | .4892623 | .3477349 | .0951035 | .1772690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.957446 | 4.634326 | 24.39959 | 4.943485 | 5.124753 | 397.4142 | 10.12959 |
| #2 | 4.903665 | 4.614894 | 24.26337 | 4.919367 | 5.123527 | 397.9499 | 10.16493 |
| #3 | 4.926735 | 4.657624 | 24.55365 | 4.967741 | 5.155046 | 398.1448 | 10.15314 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5058171 | 2.469027 | 395.9515 | 15.21839 | 2.532300 | 14.65879 | 388.8140 |
| Stddev | .0036717 | .013262  | .3659    | .05723   | .012234  | .01518   | 1.4664   |
| %RSD   | .7258892 | .5371389 | .0924227 | .3760406 | .4831319 | .1035469 | .3771528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5086565 | 2.468629 | 395.6229 | 15.27957 | 2.530141 | 14.64648 | 387.1232 |
| #2 | .5071242 | 2.455968 | 395.8857 | 15.16617 | 2.521288 | 14.65413 | 389.5802 |
| #3 | .5016708 | 2.482483 | 396.3458 | 15.20943 | 2.545470 | 14.67575 | 389.7386 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.73742 | 395.1405 | 2.501576 | 1.253145 | 414.9542 | 2.460748 | 14.81789 |
| Stddev | .03824   | 1.2020   | .013233  | .004753  | 1.7488   | .011900  | .06406   |
| %RSD   | .2594693 | .3041956 | .5289994 | .3792877 | .4214339 | .4835729 | .4323084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.69368 | 393.7593 | 2.500740 | 1.258591 | 412.9901 | 2.449747 | 14.74936 |
| #2 | 14.76450 | 395.9500 | 2.488781 | 1.249833 | 416.3425 | 2.473378 | 14.82807 |
| #3 | 14.75409 | 395.7121 | 2.515208 | 1.251011 | 415.5299 | 2.459118 | 14.87626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.2449 | 4.937227 | 4.981391 | 4.639241 | 5.025023 | 4.933934 | 4.946194 |
| Stddev | .3527    | .021299  | .034268  | .021303  | .025286  | .032561  | .019348  |
| %RSD   | .2316435 | .4314052 | .6879149 | .4591887 | .5031983 | .6599373 | .3911789 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.8703 | 4.939785 | 4.981719 | 4.629901 | 5.023509 | 4.939323 | 4.944036 |
| #2 | 152.5704 | 4.914765 | 5.015493 | 4.624203 | 5.000528 | 4.963465 | 4.928015 |
| #3 | 152.2939 | 4.957133 | 4.946960 | 4.663618 | 5.051031 | 4.899015 | 4.966532 |

Sample Name: CCV048      Acquired: 12/17/2024 5:52:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCV048      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.960481 | 4.895230 | 4.937362 |
| Stddev | .017076  | .015636  | .008104  |
| %RSD   | .3442447 | .3194207 | .1641389 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.940974 | 4.877690 | 4.932299 |
| #2 | 4.972725 | 4.900291 | 4.946709 |
| #3 | 4.967743 | 4.907708 | 4.933079 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1649.350 | 22220.09 | 2313.876 | 1429.964 | 2116.540 |
| Stddev    | 9.458    | 138.29   | 4.718    | 1.616    | 11.445   |
| %RSD      | .5734430 | .6223593 | .2038939 | .1130286 | .5407260 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1658.875 | 22174.86 | 2311.396 | 1430.386 | 2126.889 |
| #2 | 1649.216 | 22375.33 | 2319.317 | 1431.328 | 2118.481 |
| #3 | 1639.960 | 22110.09 | 2310.916 | 1428.179 | 2104.248 |

Sample Name: CCB048      Acquired: 12/17/2024 5:56:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB048      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001689 | .0027148 | .0006200 | -.000194 | .0047064 | .0130863 | -.003686 |
| Stddev | .002283  | .0016087 | .0011653 | .001488  | .0026349 | .0201020 | .000798  |
| %RSD   | 135.1506 | 59.25587 | 187.9371 | 767.4655 | 55.98486 | 153.6106 | 21.65776 |
| #1     | -.004325 | .0037673 | .0016845 | -.000345 | .0041527 | -.009048 | -.004529 |
| #2     | -.000379 | .0008630 | -.000625 | .001364  | .0023924 | .030207  | -.002941 |
| #3     | -.000363 | .0035139 | .000801  | -.001600 | .0075741 | .018100  | -.003589 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000114 | -.000122 | .0190966 | .0008198 | -.000286 | .0081850 | .0113386 |
| Stddev | .000040  | .000047  | .0154866 | .0008636 | .000316  | .0108649 | .0145259 |
| %RSD   | 35.65266 | 38.76278 | 81.09654 | 105.3381 | 110.6989 | 132.7418 | 128.1099 |
| #1     | -.000142 | -.000079 | .0275558 | .0000031 | .000072  | .0089193 | .0010007 |
| #2     | -.000067 | -.000113 | .0012226 | .0007326 | -.000529 | .0186640 | .0050687 |
| #3     | -.000131 | -.000173 | .0285112 | .0017237 | -.000400 | -.003028 | .0279463 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000458 | -.041712 | .0008668 | -.001187 | 3.542133 | .0077272 | -.007794 |
| Stddev | .0011002 | .088672  | .0002230 | .001679  | 1.016582 | .0052968 | .006481  |
| %RSD   | 2403.279 | 212.5814 | 25.72597 | 141.3925 | 28.69973 | 68.54716 | 83.15463 |
| #1     | .0013060 | -.088441 | .0007819 | -.003105 | 3.997456 | .0112159 | -.000472 |
| #2     | -.000724 | -.097247 | .0011198 | -.000478 | 4.251461 | .0016323 | -.012793 |
| #3     | -.000445 | .060552  | .0006988 | .000020  | 2.377481 | .0103336 | -.010116 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3875191 | .0054989 | .0052318 | -.000150 | -.001602 | .0008867 | .0010943 |
| Stddev | .1696831 | .0038964 | .0013446 | .000322  | .002310  | .0003740 | .0023869 |
| %RSD   | 43.78702 | 70.85804 | 25.70057 | 214.3282 | 144.2389 | 42.17912 | 218.1217 |
| #1     | .1921918 | .0062893 | .0039657 | .000184  | -.000491 | .0011866 | .0030305 |
| #2     | .4985162 | .0012679 | .0050866 | -.000459 | -.000057 | .0004676 | .0018249 |
| #3     | .4718492 | .0089396 | .0066431 | -.000176 | -.004258 | .0010057 | -.001572 |

Sample Name: CCB048      Acquired: 12/17/2024 5:56:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.00000  
User: Kareem      Custom ID1: CCB048      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |
|--------|----------|----------|------------|
| Elem   | Ti3361   | Sr4077   | Li6707     |
| Units  | ppm      | ppm      | ppm        |
| Avg    | -.006810 | -.000036 | F -.021727 |
| Stddev | .002948  | .000220  | .000387    |
| %RSD   | 43.28519 | 610.8770 | 1.781774   |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004199 | -.000240 | -.021574 |
| #2 | -.010006 | .000197  | -.022168 |
| #3 | -.006225 | -.000064 | -.021440 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1972.461 | 24216.08 | 2355.526 | 1675.039 | 2585.419 |
| Stddev    | 9.471    | 75.04    | 8.097    | 2.804    | 15.357   |
| %RSD      | .4801521 | .3098851 | .3437546 | .1674009 | .5939771 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1971.894 | 24133.22 | 2364.862 | 1674.656 | 2590.261 |
| #2 | 1982.202 | 24279.47 | 2350.418 | 1672.446 | 2597.770 |
| #3 | 1963.286 | 24235.53 | 2351.297 | 1678.014 | 2568.224 |