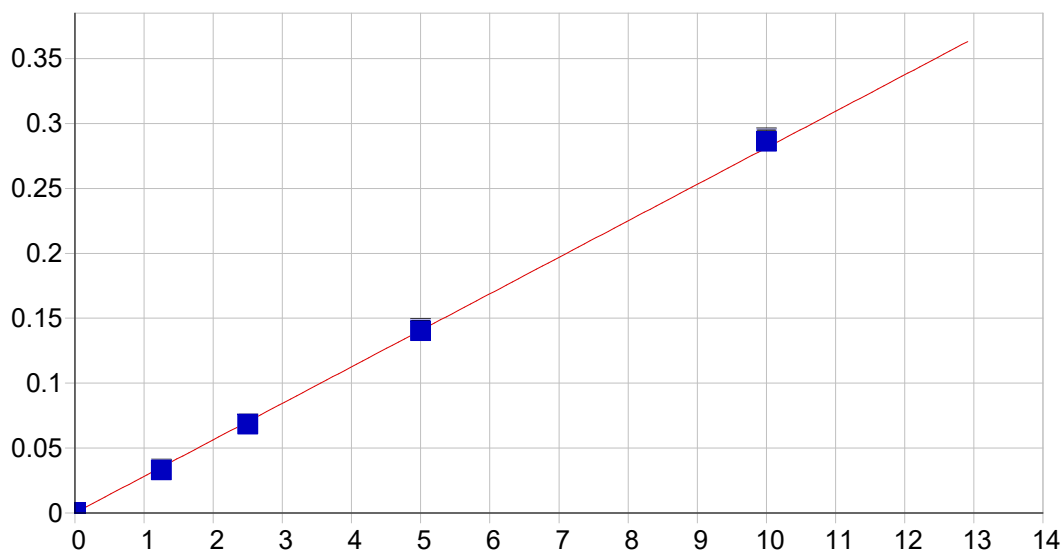


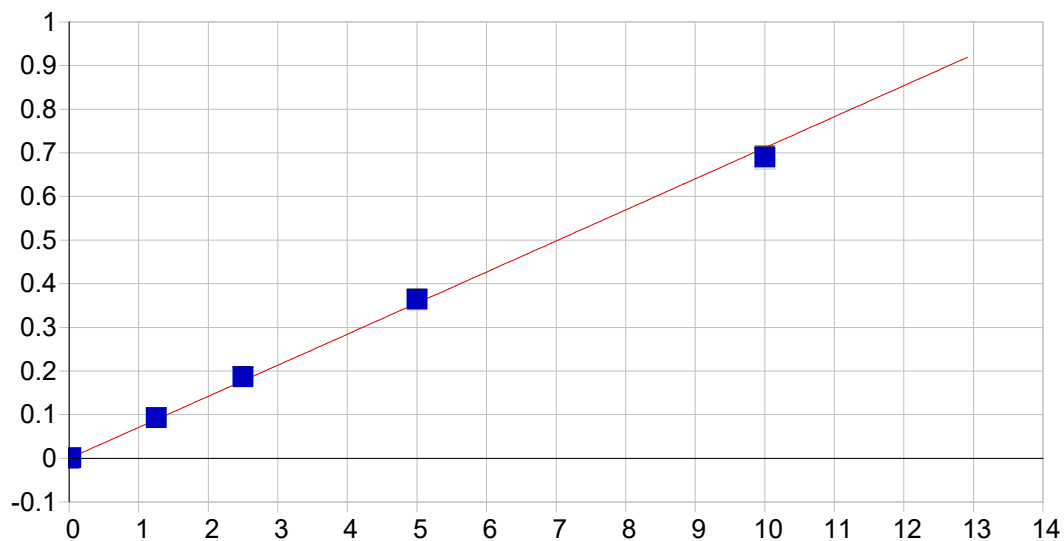


**As 189.042 {479}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000128 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.028113 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999709 | Status:   | OK.      |
| Std Error of Est: | 0.000011 |           |          |
| Predicted MDL:    | 0.005764 |           |          |
| Predicted MQL:    | 0.019212 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00013 | .000    | 1        |
| S1        | .01000       | .01110      | .001       | 11.0    | .00044 | .000    | 1        |
| S2        | 1.2500       | 1.1679      | -.082      | -6.56   | .03323 | .000    | 1        |
| S3        | 2.5000       | 2.4209      | -.079      | -3.16   | .06871 | .000    | 1        |
| S4        | 5.0000       | 4.9862      | -.014      | -.275   | .14136 | .001    | 1        |
| S5        | 10.000       | 10.174      | .174       | 1.74    | .28825 | .001    | 1        |

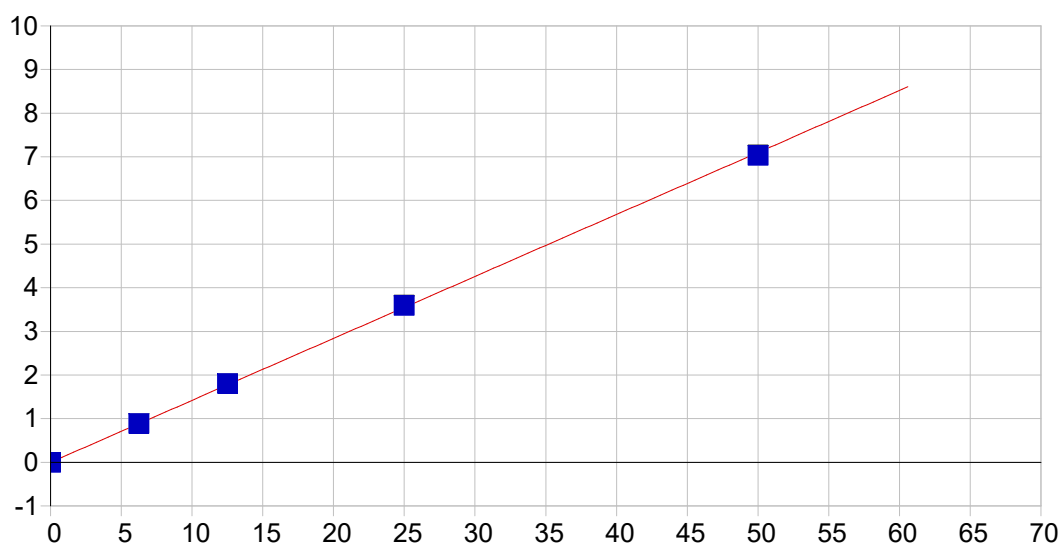


**TI 190.856 {477}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000350 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.071183  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999434  | Status:   | OK.      |
| Std Error of Est: | 0.000063  |           |          |
| Predicted MDL:    | 0.003065  |           |          |
| Predicted MQL:    | 0.010215  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00035 | .000    | 1        |
| S1        | .02500       | .02395      | -.001      | -4.22   | .00131  | .000    | 1        |
| S2        | 1.2500       | 1.3077      | .058       | 4.62    | .09213  | .000    | 1        |
| S3        | 2.5000       | 2.6231      | .123       | 4.92    | .18515  | .001    | 1        |
| S4        | 5.0000       | 5.1230      | .123       | 2.46    | .36187  | .000    | 1        |
| S5        | 10.000       | 9.6972      | -.303      | -3.03   | .68503  | .003    | 1        |

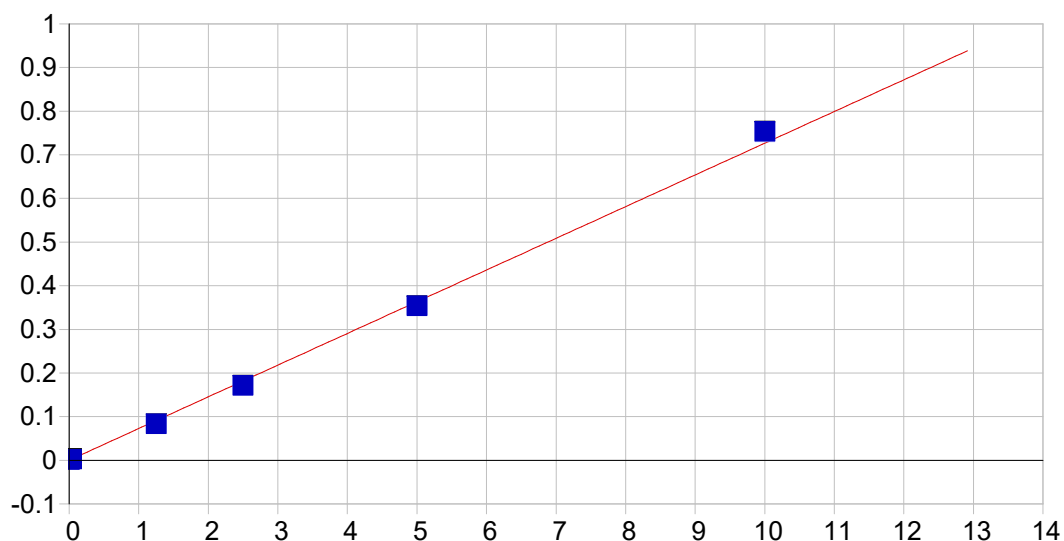


### Pb 220.353 {453}

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000867 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.141994  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999942  | Status:   | OK.      |
| Std Error of Est: | 0.000057  |           |          |
| Predicted MDL:    | 0.003424  |           |          |
| Predicted MQL:    | 0.011414  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00087 | .001    | 1        |
| S1        | .01000       | .01131      | .001       | 13.1    | .00074  | .000    | 1        |
| S2        | 6.2500       | 6.2264      | -.024      | -.378   | .88302  | .000    | 1        |
| S3        | 12.500       | 12.686      | .186       | 1.49    | 1.8001  | .004    | 1        |
| S4        | 25.000       | 25.296      | .296       | 1.19    | 3.5902  | .008    | 1        |
| S5        | 50.000       | 49.539      | -.461      | -.921   | 7.0316  | .006    | 1        |

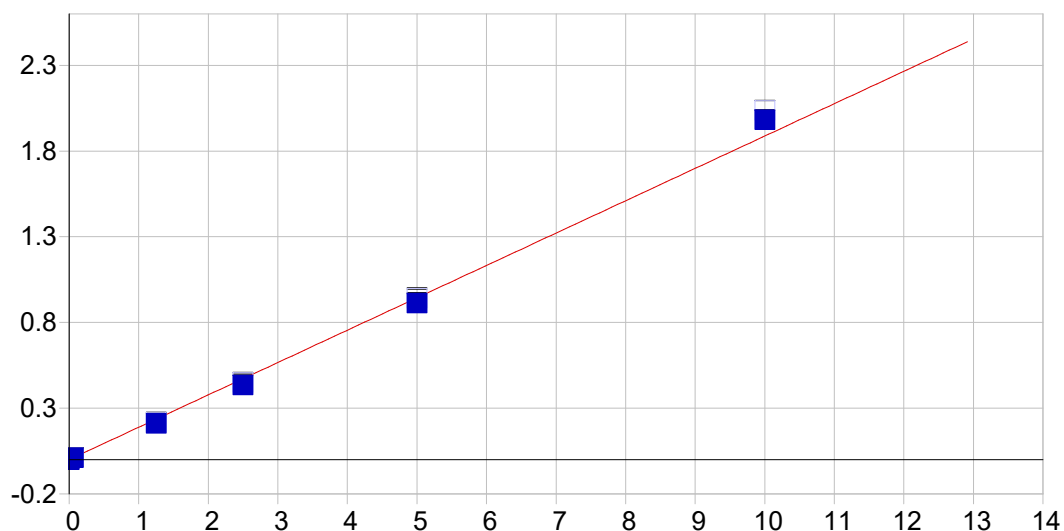


Se 196.090 {472}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000137 Re-Slope: 1.000000  
 A1 (Gain): 0.072643 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999095 Status: OK.  
 Std Error of Est: 0.000097  
 Predicted MDL: 0.005673  
 Predicted MQL: 0.018911

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00014 | .000    | 1        |
| S1        | .03500       | .03710      | .002       | 6.00    | .00283 | .000    | 1        |
| S2        | 1.2500       | 1.1484      | -.102      | -8.13   | .08339 | .001    | 1        |
| S3        | 2.5000       | 2.3578      | -.142      | -5.69   | .17107 | .001    | 1        |
| S4        | 5.0000       | 4.8682      | -.132      | -2.64   | .35308 | .000    | 1        |
| S5        | 10.000       | 10.374      | .374       | 3.74    | .75231 | .001    | 1        |

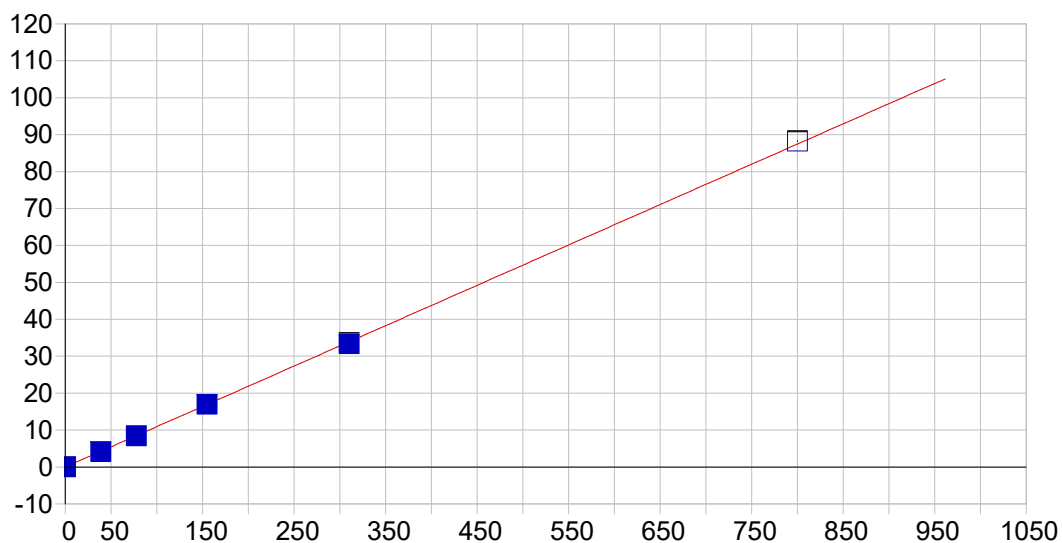


**Sb 206.833 {463}**

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000  
 A1 (Gain): 0.188733 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998505 Status: OK.  
 Std Error of Est: 0.000437  
 Predicted MDL: 0.002628  
 Predicted MQL: 0.008759

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00024 | .000    | 1        |
| S1        | .06000       | .05408      | -.006      | -9.86   | .01044 | .000    | 1        |
| S2        | 1.2500       | 1.1182      | -.132      | -10.5   | .21824 | .000    | 1        |
| S3        | 2.5000       | 2.3054      | -.195      | -7.78   | .44926 | .002    | 1        |
| S4        | 5.0000       | 4.8353      | -.165      | -3.29   | .94066 | .003    | 1        |
| S5        | 10.000       | 10.497      | .497       | 4.97    | 2.0370 | .001    | 1        |

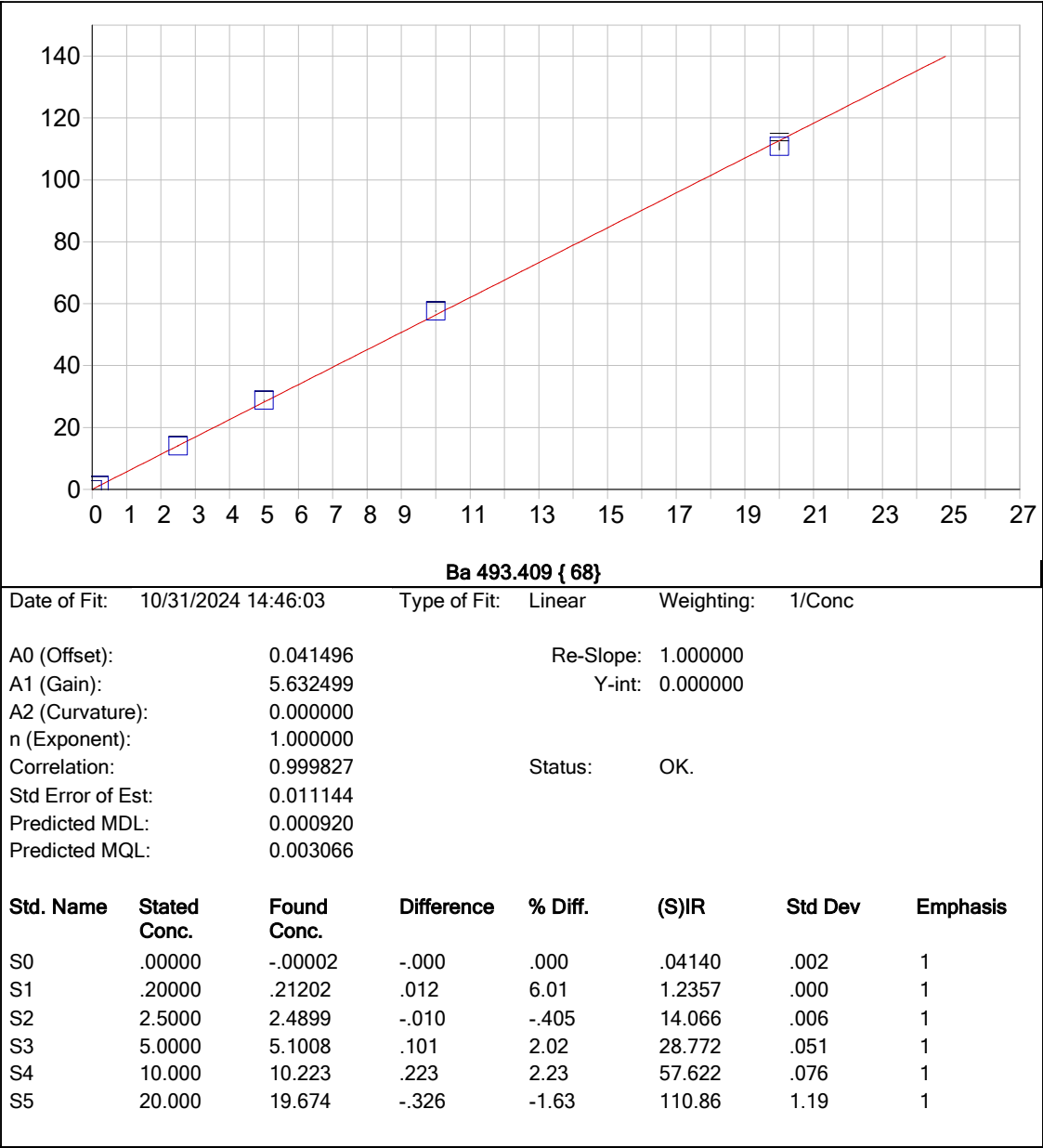


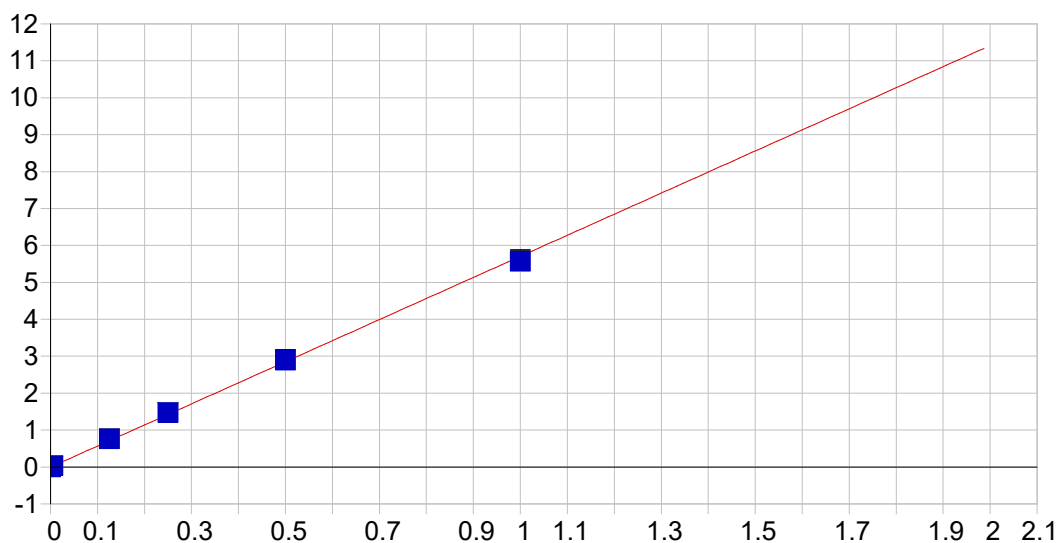
AI 396.152 { 85}

Date of Fit: 10/31/2024 14:50:41      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.004202 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.109342  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999939  | Status:   | OK.      |
| Std Error of Est: | 0.000751  |           |          |
| Predicted MDL:    | 0.015475  |           |          |
| Predicted MQL:    | 0.051584  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00420 | .001    | 1        |
| S1        | .20000       | .21055      | .011       | 5.28    | .01886  | .000    | 1        |
| S2        | 38.750       | 37.990      | -.760      | -1.96   | 4.1549  | .004    | 1        |
| S3        | 77.500       | 76.775      | -.725      | -.936   | 8.4007  | .014    | 1        |
| S4        | 155.00       | 154.70      | -.297      | -.191   | 16.932  | .038    | 1        |
| S5        | 310.00       | 304.84      | -5.16      | -1.66   | 33.369  | .283    | 1        |
| S6        | 800.00       | 806.94      | 6.94       | .867    | 88.228  | .141    | 1        |





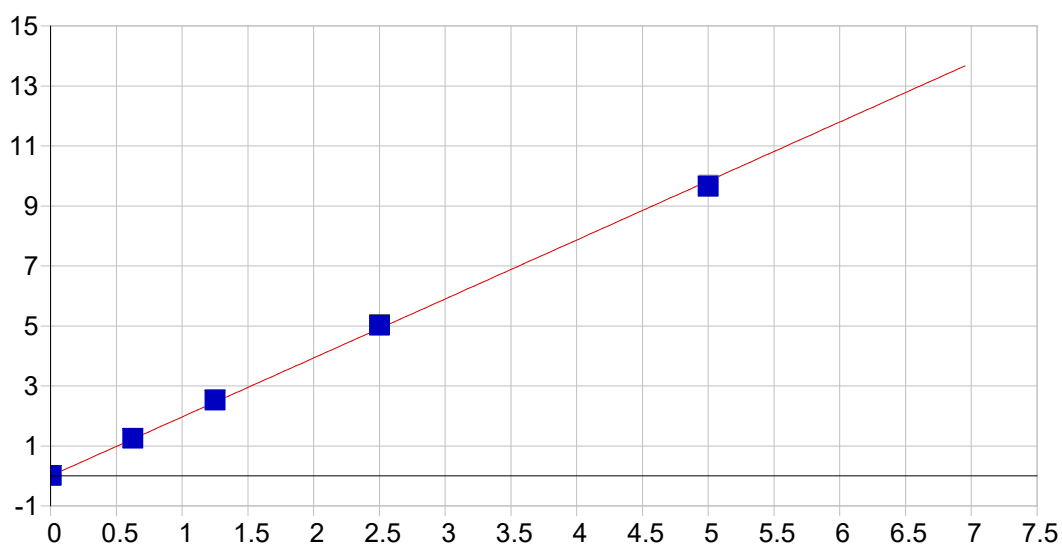
**Be 234.861 {144}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003630 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 5.708217  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999591  | Status:   | OK.      |
| Std Error of Est: | 0.000612  |           |          |
| Predicted MDL:    | 0.000174  |           |          |
| Predicted MQL:    | 0.000579  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00363 | .000    | 1        |
| S1        | .00500       | .00539      | .000       | 7.75    | .02711  | .000    | 1        |
| S2        | .12500       | .13321      | .008       | 6.57    | .75560  | .003    | 1        |
| S3        | .25000       | .25859      | .009       | 3.44    | 1.4702  | .002    | 1        |
| S4        | .50000       | .50683      | .007       | 1.37    | 2.8849  | .017    | 1        |
| S5        | 1.0000       | .97598      | -.024      | -2.40   | 5.5583  | .043    | 1        |



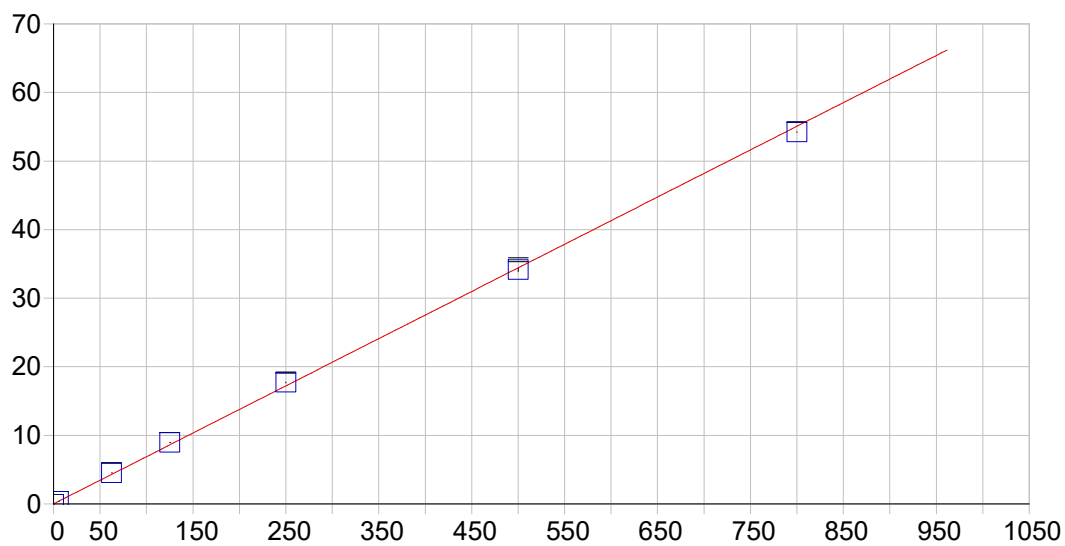


**Cd 214.438 {457}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000226 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.966032 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999789 | Status:   | OK.      |
| Std Error of Est: | 0.000339 |           |          |
| Predicted MDL:    | 0.000149 |           |          |
| Predicted MQL:    | 0.000498 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .00500       | .00532      | .000       | 6.35    | .01069 | .000    | 1        |
| S2        | .62500       | .63534      | .010       | 1.65    | 1.2523 | .002    | 1        |
| S3        | 1.2500       | 1.2841      | .034       | 2.73    | 2.5307 | .003    | 1        |
| S4        | 2.5000       | 2.5508      | .051       | 2.03    | 5.0269 | .007    | 1        |
| S5        | 5.0000       | 4.9045      | -.096      | -1.91   | 9.6661 | .020    | 1        |

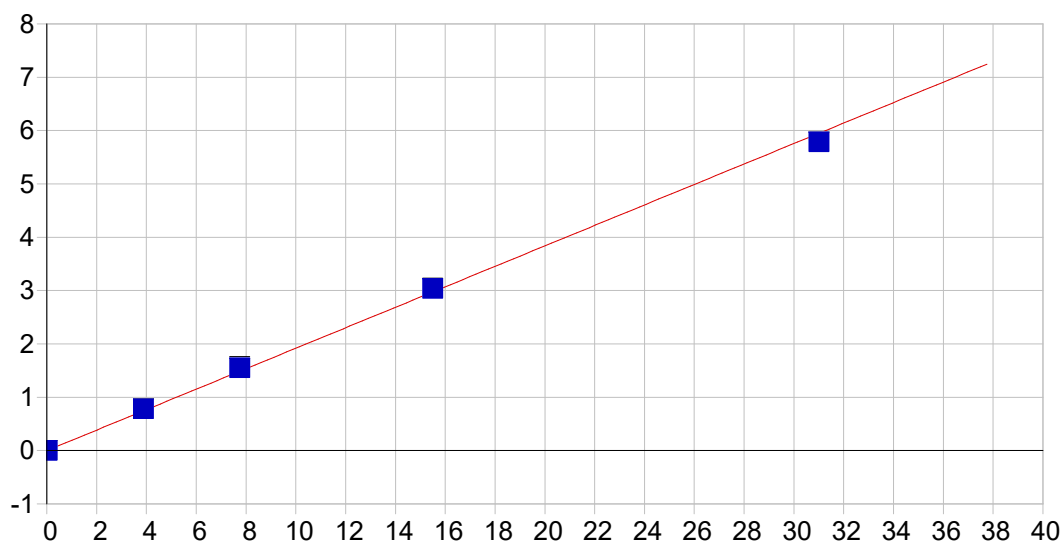


Ca 373.690 { 90}

Date of Fit: 10/31/2024 14:50:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006728 Re-Slope: 1.000000  
 A1 (Gain): 0.068836 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999753 Status: OK.  
 Std Error of Est: 0.005342  
 Predicted MDL: 0.019430  
 Predicted MQL: 0.064765

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00106     | -.001      | .000    | .00666 | .001    | 1        |
| S1        | 5.0000       | 5.5810      | .581       | 11.6    | .39090 | .003    | 1        |
| S2        | 62.500       | 65.578      | 3.08       | 4.93    | 4.5209 | .006    | 1        |
| S3        | 125.00       | 130.05      | 5.05       | 4.04    | 8.9589 | .016    | 1        |
| S4        | 250.00       | 257.45      | 7.45       | 2.98    | 17.729 | .067    | 1        |
| S5        | 500.00       | 495.92      | -4.08      | -.816   | 34.144 | .273    | 1        |
| S6        | 800.00       | 787.92      | -12.1      | -1.51   | 54.244 | .050    | 1        |

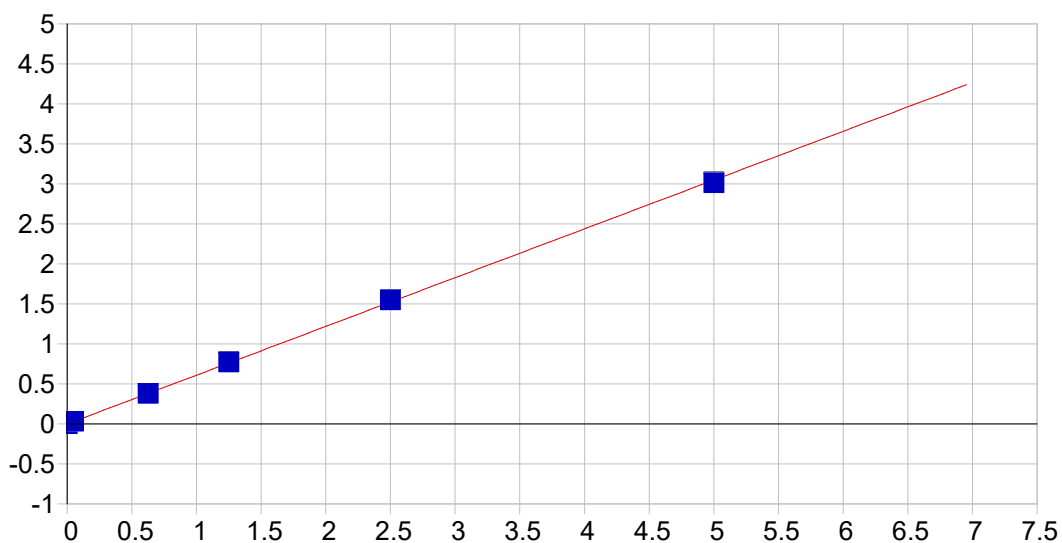


**Cr 267.716 {126}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000302 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.191914  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999523  | Status:   | OK.      |
| Std Error of Est: | 0.000175  |           |          |
| Predicted MDL:    | 0.001022  |           |          |
| Predicted MQL:    | 0.003407  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00030 | .000    | 1        |
| S1        | .01000       | .01173      | .002       | 17.3    | .00195  | .000    | 1        |
| S2        | 3.8750       | 4.0687      | .194       | 5.00    | .78138  | .001    | 1        |
| S3        | 7.7500       | 8.0911      | .341       | 4.40    | 1.5542  | .017    | 1        |
| S4        | 15.500       | 15.824      | .324       | 2.09    | 3.0399  | .007    | 1        |
| S5        | 31.000       | 30.139      | -.861      | -2.78   | 5.7905  | .009    | 1        |

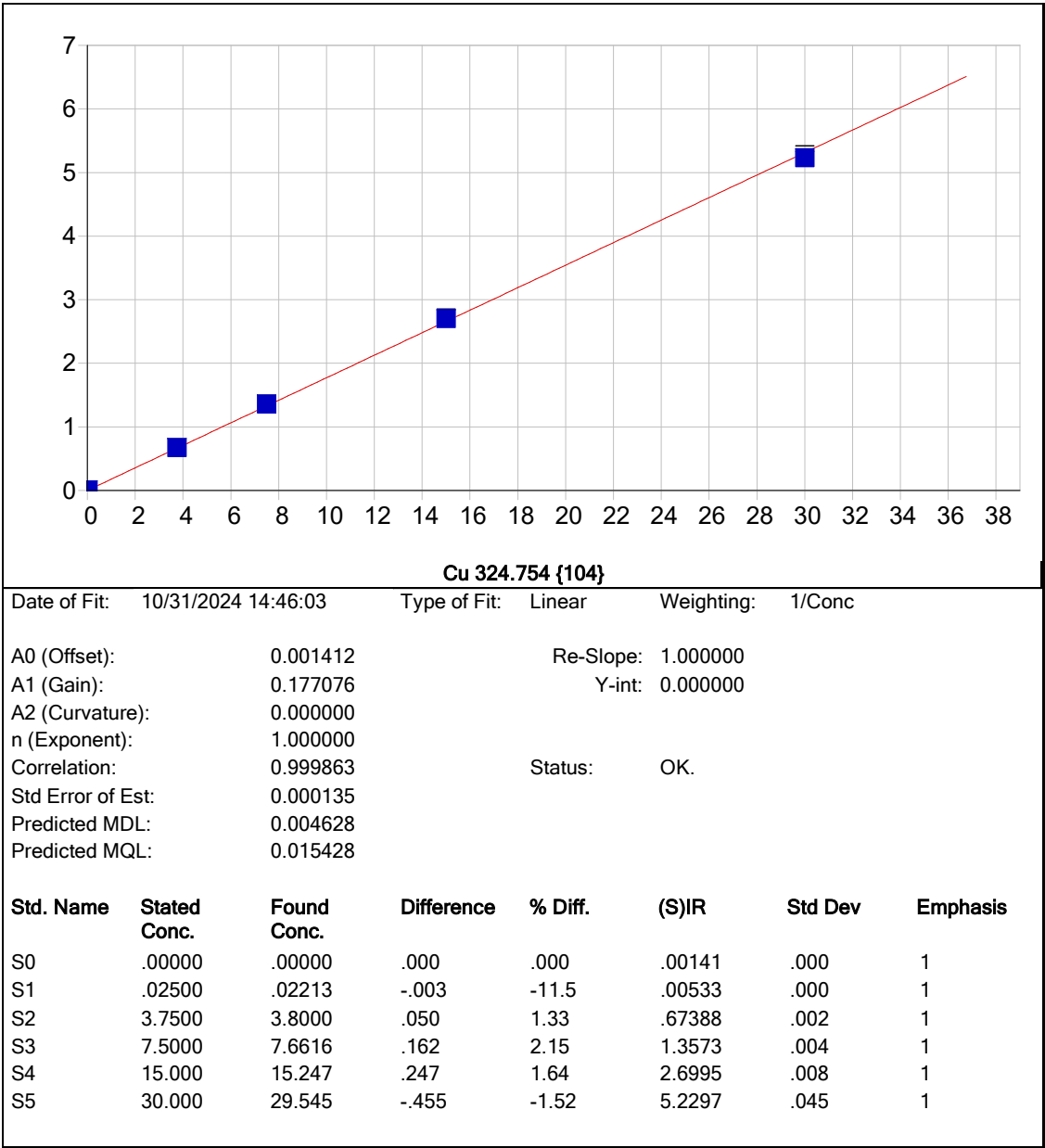


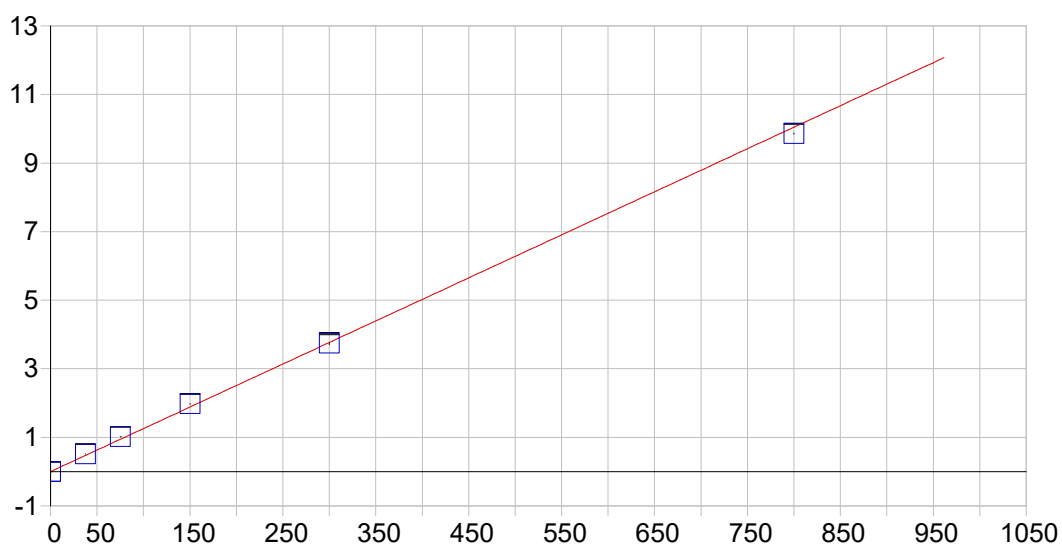
Co 228.616 {448}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000582 Re-Slope: 1.000000  
 A1 (Gain): 0.609721 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999912 Status: OK.  
 Std Error of Est: 0.000216  
 Predicted MDL: 0.000559  
 Predicted MQL: 0.001863

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00058 | .000    | 1        |
| S1        | .05000       | .05048      | .000       | .951    | .03030  | .000    | 1        |
| S2        | .62500       | .62374      | -.001      | -.202   | .38019  | .001    | 1        |
| S3        | 1.2500       | 1.2672      | .017       | 1.37    | .77297  | .001    | 1        |
| S4        | 2.5000       | 2.5426      | .043       | 1.71    | 1.5516  | .005    | 1        |
| S5        | 5.0000       | 4.9410      | -.059      | -1.18   | 3.0157  | .008    | 1        |



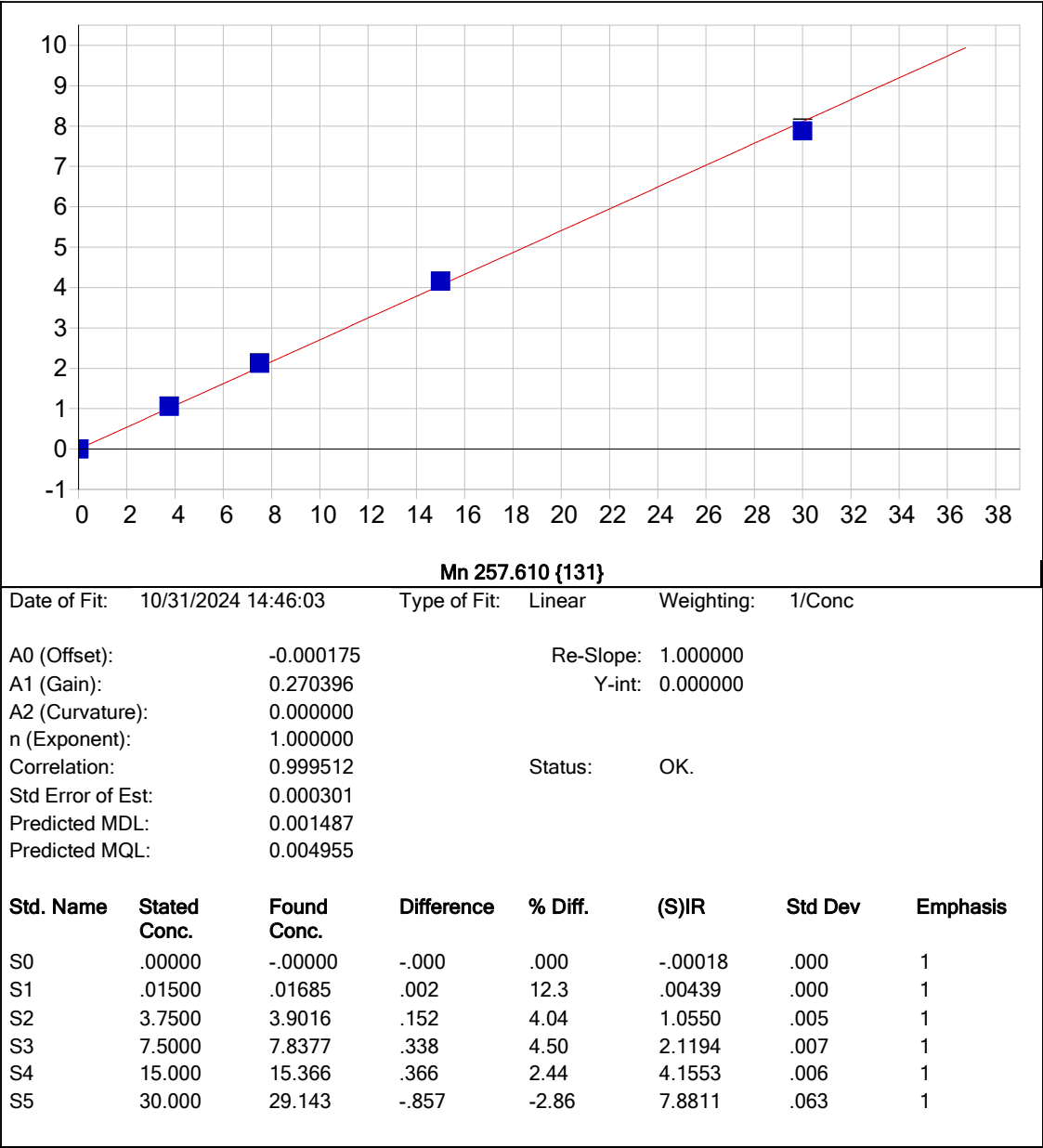


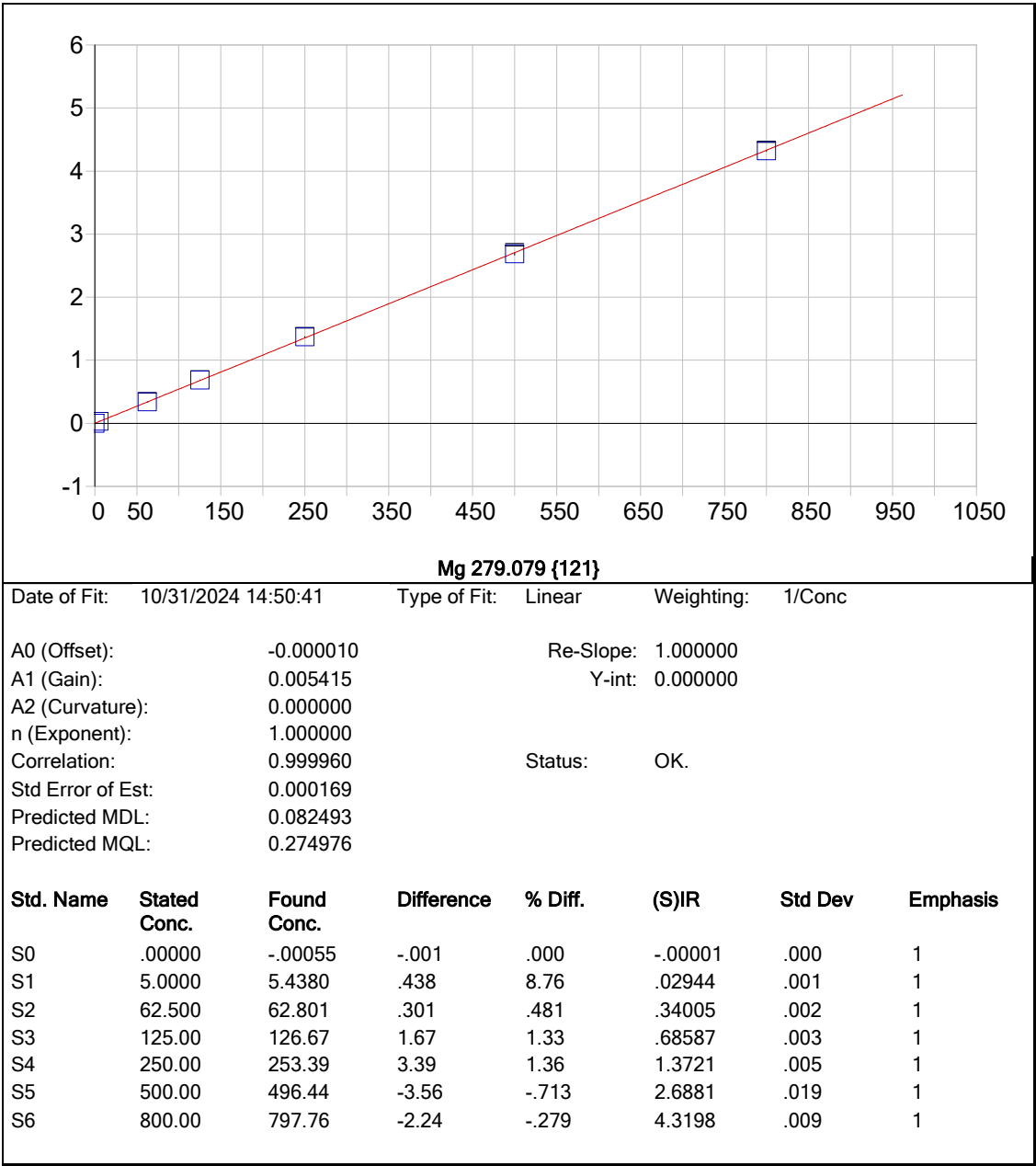
### Fe 259.837 {130}

Date of Fit: 10/31/2024 14:50:41 Type of Fit: Linear Weighting: 1/Conc

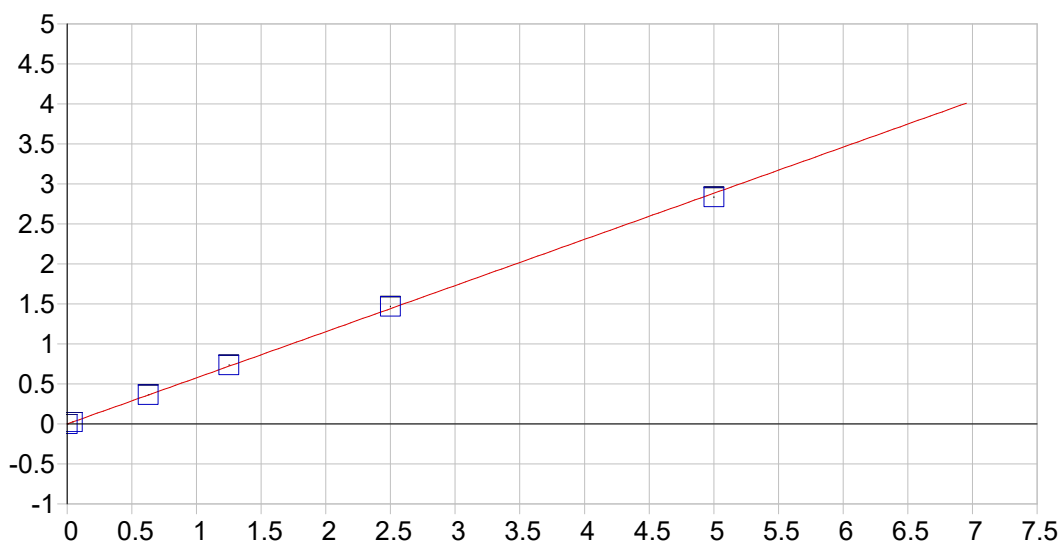
A0 (Offset): 0.000106 Re-Slope: 1.000000  
 A1 (Gain): 0.012556 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999454 Status: OK.  
 Std Error of Est: 0.000181  
 Predicted MDL: 0.030313  
 Predicted MQL: 0.101045

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00011 | .000    | 1        |
| S1        | .10000       | .10311      | .003       | 3.11    | .00140 | .000    | 1        |
| S2        | 37.500       | 41.065      | 3.56       | 9.51    | .51573 | .002    | 1        |
| S3        | 75.000       | 80.938      | 5.94       | 7.92    | 1.0164 | .004    | 1        |
| S4        | 150.00       | 157.60      | 7.60       | 5.06    | 1.9789 | .010    | 1        |
| S5        | 300.00       | 297.83      | -2.17      | -.722   | 3.7398 | .034    | 1        |
| S6        | 800.00       | 785.06      | -14.9      | -1.87   | 9.8576 | .017    | 1        |







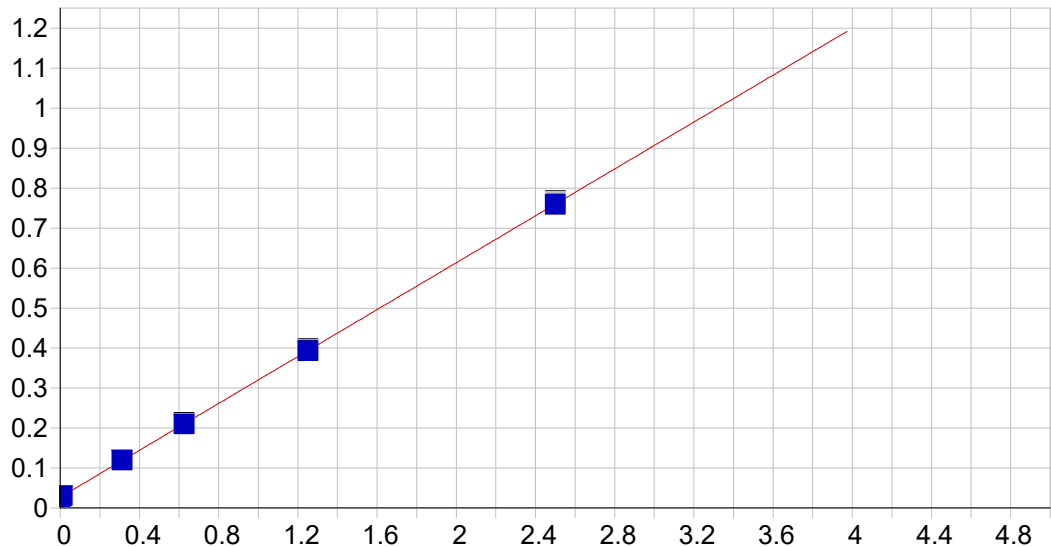


Ni 231.604 {446}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000456 Re-Slope: 1.000000  
 A1 (Gain): 0.576701 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999833 Status: OK.  
 Std Error of Est: 0.000251  
 Predicted MDL: 0.000628  
 Predicted MQL: 0.002092

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00046 | .000    | 1        |
| S1        | .04000       | .04291      | .003       | 7.26    | .02429  | .000    | 1        |
| S2        | .62500       | .63180      | .007       | 1.09    | .36390  | .000    | 1        |
| S3        | 1.2500       | 1.2772      | .027       | 2.17    | .73609  | .001    | 1        |
| S4        | 2.5000       | 2.5468      | .047       | 1.87    | 1.4683  | .004    | 1        |
| S5        | 5.0000       | 4.9163      | -.084      | -1.67   | 2.8348  | .006    | 1        |

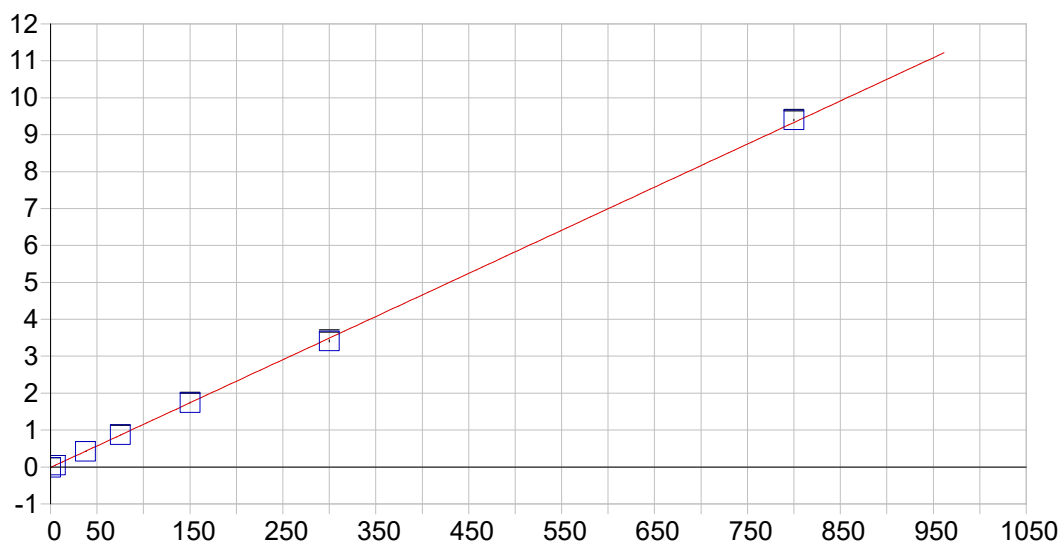


**Ag 328.068 {103}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.026944 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.293352 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999938 | Status:   | OK.      |
| Std Error of Est: | 0.000028 |           |          |
| Predicted MDL:    | n/a      |           |          |
| Predicted MQL:    | n/a      |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .02694 | .000    | 1        |
| S1        | .01000       | .01233      | .002       | 23.3    | .03055 | .001    | 1        |
| S2        | .31250       | .31615      | .004       | 1.17    | .12067 | .001    | 1        |
| S3        | .62500       | .62246      | -.003      | -.406   | .21152 | .002    | 1        |
| S4        | 1.2500       | 1.2497      | -.000      | -.021   | .39751 | .001    | 1        |
| S5        | 2.5000       | 2.4969      | -.003      | -.126   | .76730 | .001    | 1        |

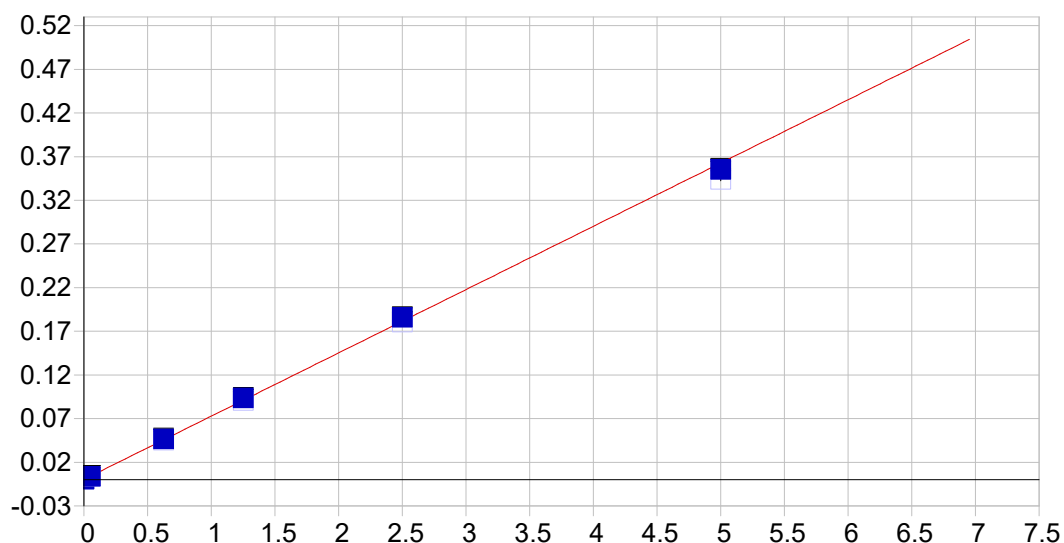


**Na 818.326 { 41}**

Date of Fit: 10/31/2024 14:50:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013509 Re-Slope: 1.000000  
 A1 (Gain): 0.011680 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999930 Status: OK.  
 Std Error of Est: 0.000427  
 Predicted MDL: 0.326706  
 Predicted MQL: 1.089020

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | -.01351 | .003    | 1        |
| S1        | 5.0000       | 5.1885      | .189       | 3.77    | .04709  | .003    | 1        |
| S2        | 37.500       | 37.306      | -.194      | -.518   | .42223  | .003    | 1        |
| S3        | 75.000       | 75.475      | .475       | .633    | .86804  | .006    | 1        |
| S4        | 150.00       | 150.22      | .223       | .149    | 1.7411  | .014    | 1        |
| S5        | 300.00       | 293.56      | -6.44      | -2.15   | 3.4152  | .031    | 1        |
| S6        | 800.00       | 805.75      | 5.75       | .719    | 9.3977  | .020    | 1        |

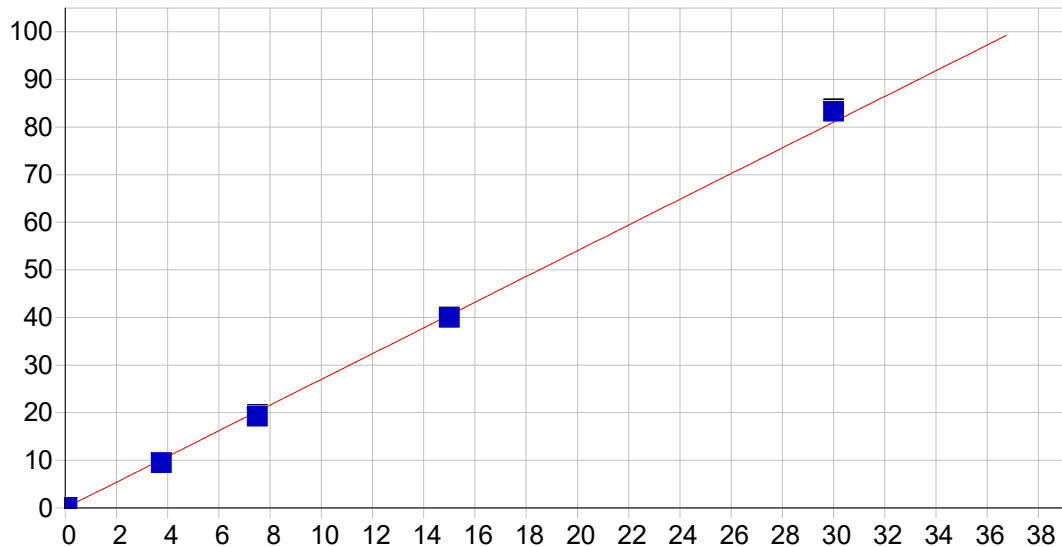


V 292.402 {115}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000  
 A1 (Gain): 0.072474 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999714 Status: OK.  
 Std Error of Est: 0.000045  
 Predicted MDL: 0.010966  
 Predicted MQL: 0.036552

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00032 | .001    | 1        |
| S1        | .05000       | .04754      | -.002      | -4.93   | .00375 | .001    | 1        |
| S2        | .62500       | .63725      | .012       | 1.96    | .04511 | .001    | 1        |
| S3        | 1.2500       | 1.2835      | .034       | 2.68    | .09056 | .001    | 1        |
| S4        | 2.5000       | 2.5626      | .063       | 2.50    | .18047 | .001    | 1        |
| S5        | 5.0000       | 4.8941      | -.106      | -2.12   | .34388 | .002    | 1        |

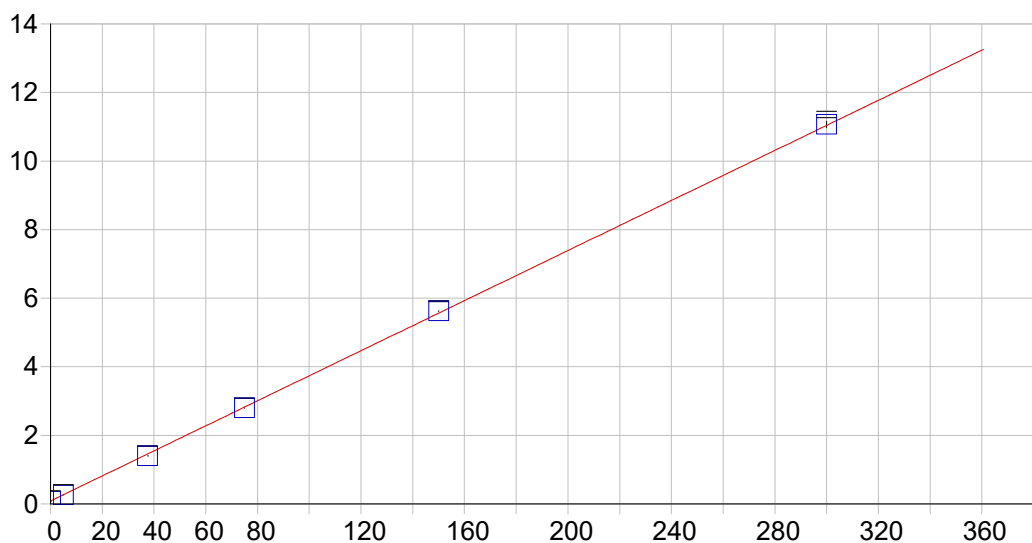


**Zn 213.856 {158}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001905 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.700877 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999457 | Status:   | OK.      |
| Std Error of Est: | 0.006344 |           |          |
| Predicted MDL:    | 0.000499 |           |          |
| Predicted MQL:    | 0.001664 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00193 | .001    | 1        |
| S1        | .06000       | .05685      | -.003      | -5.25   | .15624 | .003    | 1        |
| S2        | 3.7500       | 3.5011      | -.249      | -6.64   | 9.4702 | .032    | 1        |
| S3        | 7.5000       | 7.1236      | -.376      | -5.02   | 19.266 | .302    | 1        |
| S4        | 15.000       | 14.797      | -.203      | -1.35   | 40.016 | .069    | 1        |
| S5        | 30.000       | 30.831      | .831       | 2.77    | 83.372 | .425    | 1        |

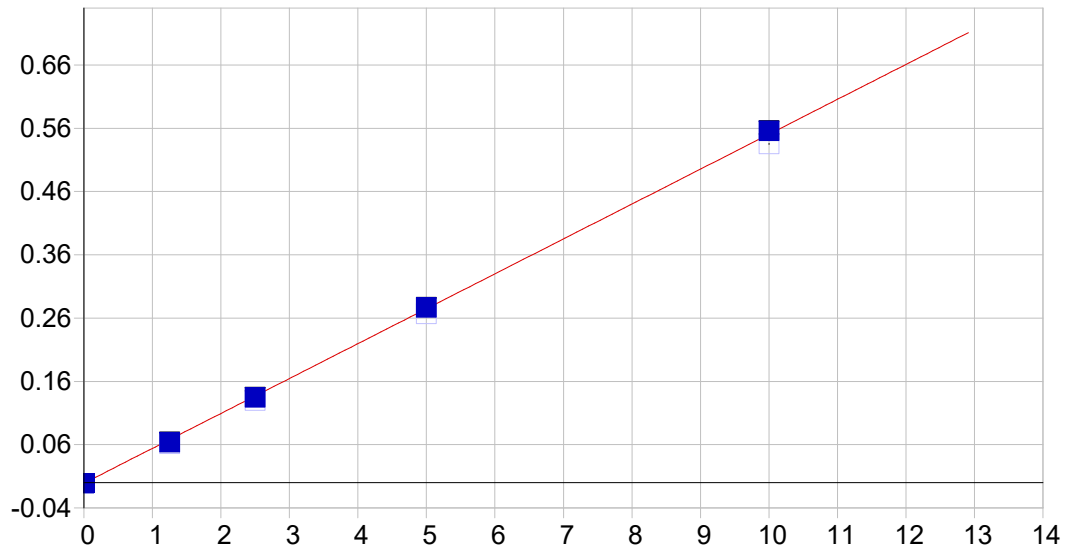


K 769.896 { 44 }

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.086960 Re-Slope: 1.000000  
 A1 (Gain): 0.036514 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999922 Status: OK.  
 Std Error of Est: 0.000943  
 Predicted MDL: 0.134308  
 Predicted MQL: 0.447694

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00032      | .000       | .000    | .08697 | .003    | 1        |
| S1        | 5.0000       | 4.8636      | -.136      | -2.73   | .26455 | .004    | 1        |
| S2        | 37.500       | 36.050      | -1.45      | -3.87   | 1.4033 | .000    | 1        |
| S3        | 75.000       | 74.175      | -.825      | -1.10   | 2.7954 | .008    | 1        |
| S4        | 150.00       | 151.65      | 1.65       | 1.10    | 5.6242 | .014    | 1        |
| S5        | 300.00       | 300.76      | .763       | .254    | 11.069 | .089    | 1        |

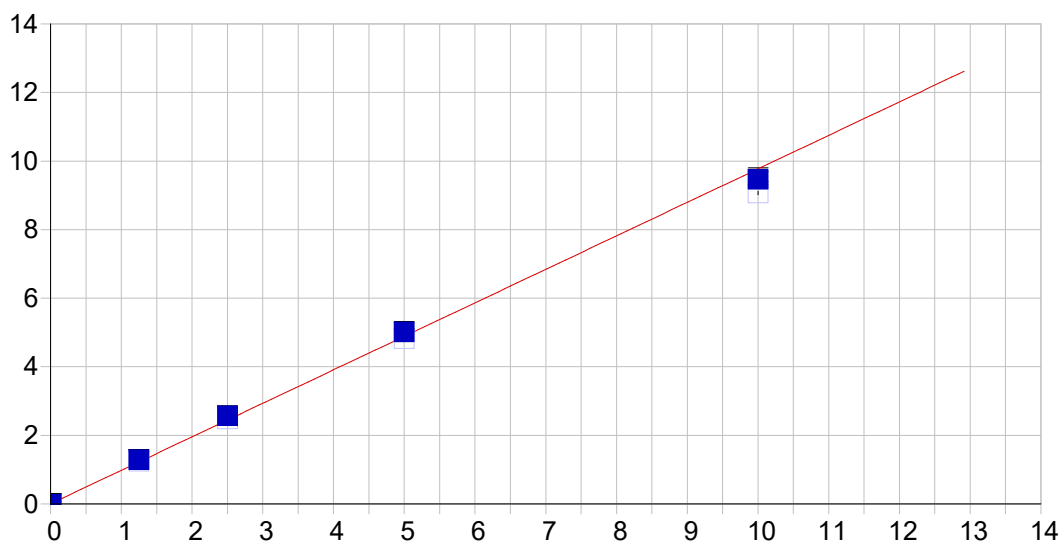


**P 177.495 {490}**

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001032 Re-Slope: 1.000000  
 A1 (Gain): 0.055162 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999782 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.003370  
 Predicted MQL: 0.011232

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00103 | .000    | 1        |
| S1        | .01000       | .00640      | -.004      | -36.0   | -.00069 | .000    | 1        |
| S2        | 1.2500       | 1.1753      | -.075      | -5.97   | .06127  | .000    | 1        |
| S3        | 2.5000       | 2.4554      | -.045      | -1.79   | .12934  | .000    | 1        |
| S4        | 5.0000       | 5.0332      | .033       | .664    | .26647  | .000    | 1        |
| S5        | 10.000       | 10.090      | .090       | .898    | .53526  | .001    | 1        |



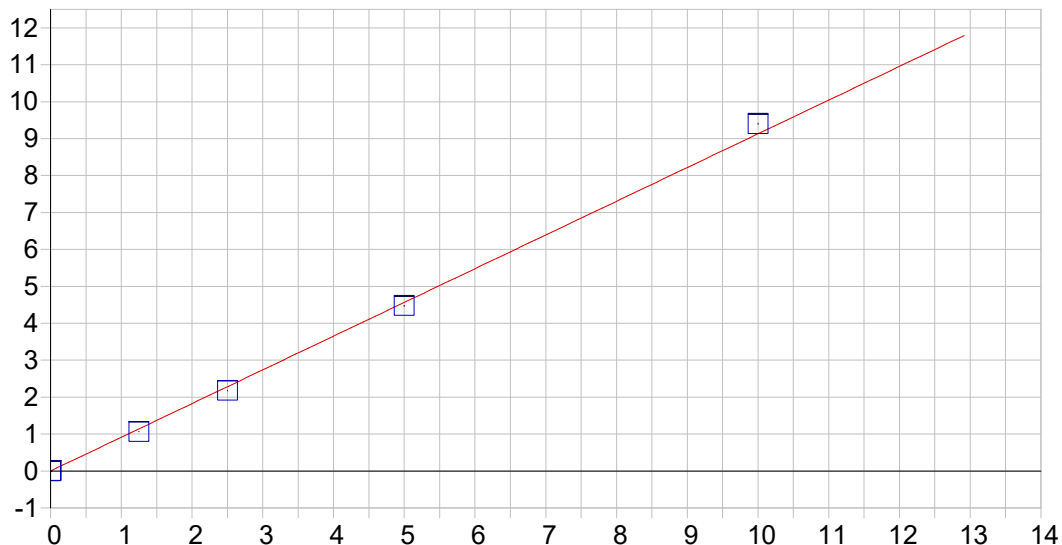
**B 249.678 {135}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.002522      Re-Slope: 1.000000  
 A1 (Gain): 0.976941      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999076      Status: OK.  
 Std Error of Est: 0.000676  
 Predicted MDL: 0.001157  
 Predicted MQL: 0.003857

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00253 | .002    | 1        |
| S1        | .01000       | .00097      | -.009      | -90.3   | .00338 | .002    | 1        |
| S2        | 1.2500       | 1.3205      | .070       | 5.64    | 1.2433 | .005    | 1        |
| S3        | 2.5000       | 2.6258      | .126       | 5.03    | 2.4692 | .001    | 1        |
| S4        | 5.0000       | 5.1307      | .131       | 2.61    | 4.8178 | .020    | 1        |
| S5        | 10.000       | 9.6823      | -.318      | -3.18   | 9.0673 | .052    | 1        |



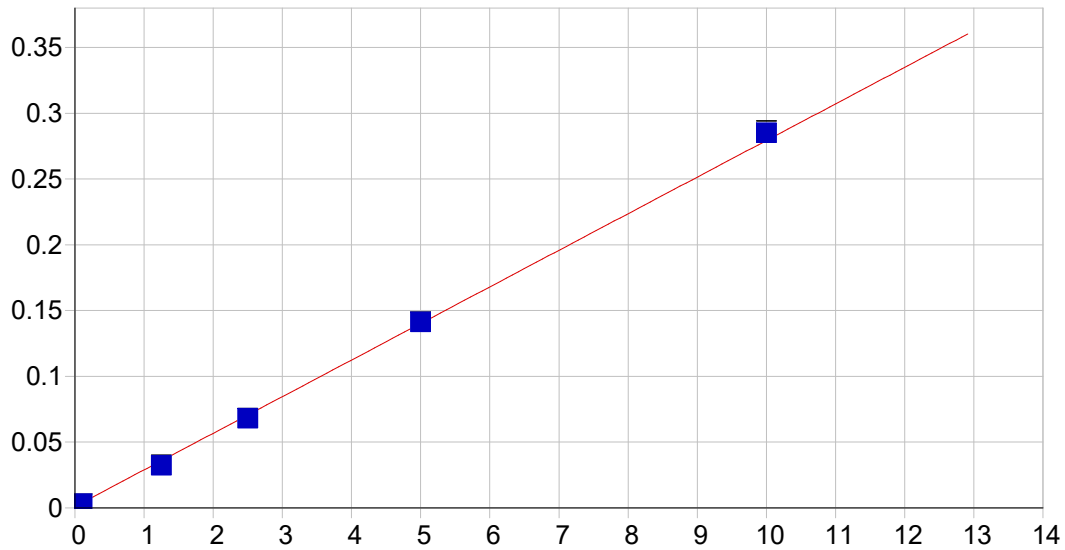


Mo 202.030 {467}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000194 Re-Slope: 1.000000  
 A1 (Gain): 0.912982 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999431 Status: OK.  
 Std Error of Est: 0.000516  
 Predicted MDL: 0.000487  
 Predicted MQL: 0.001623

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00019 | .000    | 1        |
| S1        | .01000       | .00981      | -.000      | -1.85   | .00877  | .000    | 1        |
| S2        | 1.2500       | 1.1670      | -.083      | -6.64   | 1.0652  | .003    | 1        |
| S3        | 2.5000       | 2.3856      | -.114      | -4.58   | 2.1778  | .002    | 1        |
| S4        | 5.0000       | 4.9027      | -.097      | -1.95   | 4.4759  | .013    | 1        |
| S5        | 10.000       | 10.295      | .295       | 2.95    | 9.3989  | .013    | 1        |

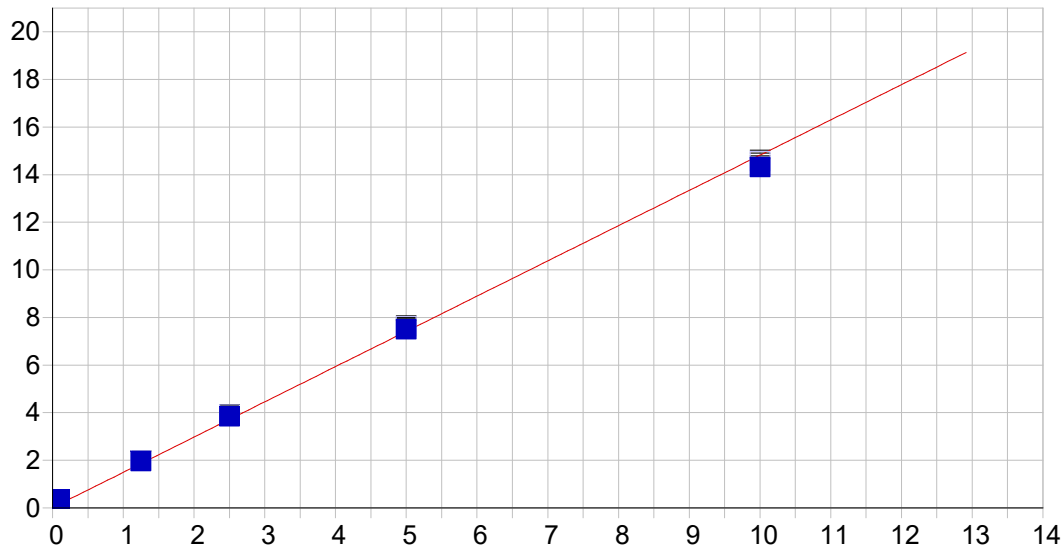


**S 182.034 {485}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001102 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.027821 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999261 | Status:   | OK.      |
| Std Error of Est: | 0.000057 |           |          |
| Predicted MDL:    | 0.006544 |           |          |
| Predicted MQL:    | 0.021814 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00110 | .000    | 1        |
| S1        | .10000       | .07454      | -.025      | -25.5   | .00318 | .000    | 1        |
| S2        | 1.2500       | 1.1221      | -.128      | -10.2   | .03232 | .000    | 1        |
| S3        | 2.5000       | 2.4050      | -.095      | -3.80   | .06802 | .000    | 1        |
| S4        | 5.0000       | 5.0384      | .038       | .768    | .14129 | .000    | 1        |
| S5        | 10.000       | 10.210      | .210       | 2.10    | .28518 | .002    | 1        |

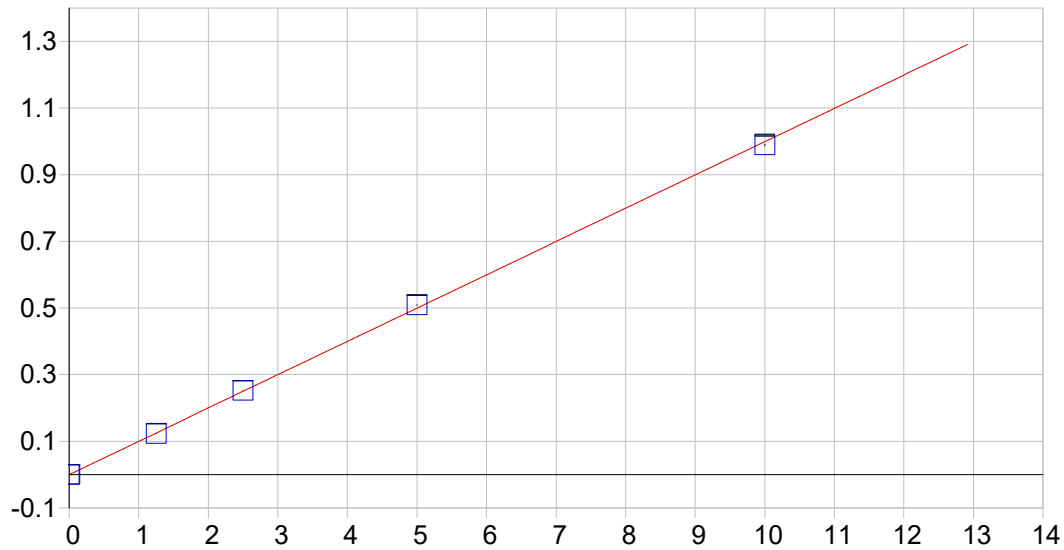


Si 251.611 {134}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013701 Re-Slope: 1.000000  
 A1 (Gain): 1.480604 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.995091 Status: OK.  
 Std Error of Est: 0.007951  
 Predicted MDL: 0.000648  
 Predicted MQL: 0.002160

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00014     | -.000      | .000    | .01350 | .001    | 1        |
| S1        | .10000       | .23167      | .132       | 132.    | .35770 | .001    | 1        |
| S2        | 1.2500       | 1.3150      | .065       | 5.20    | 1.9906 | .006    | 1        |
| S3        | 2.5000       | 2.5911      | .091       | 3.64    | 3.9099 | .011    | 1        |
| S4        | 5.0000       | 5.0546      | .055       | 1.09    | 7.6173 | .036    | 1        |
| S5        | 10.000       | 9.6589      | -.341      | -3.41   | 14.554 | .062    | 1        |

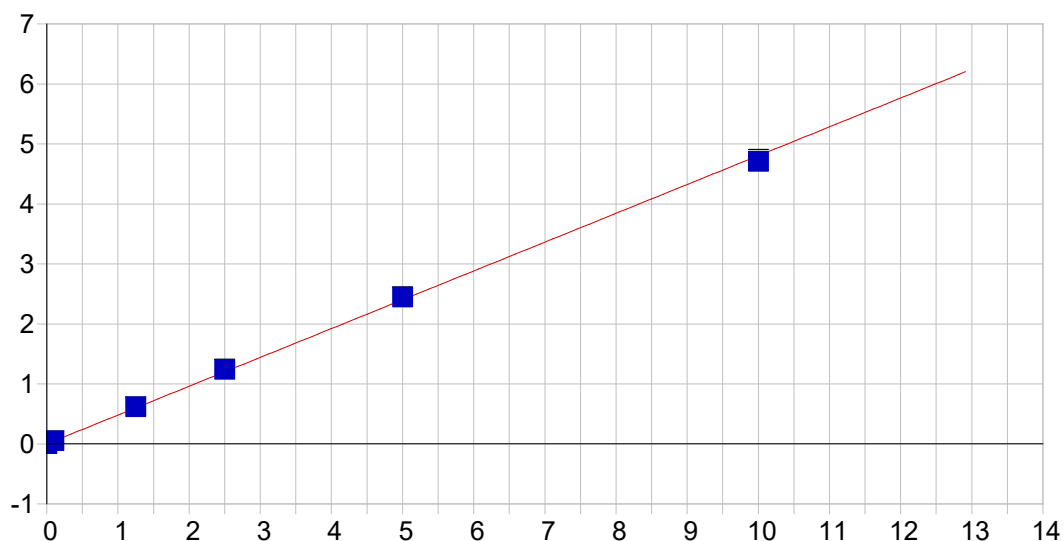


**Sn 189.989 {478}**

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000  
 A1 (Gain): 0.099910 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999916 Status: OK.  
 Std Error of Est: 0.000018  
 Predicted MDL: 0.001839  
 Predicted MQL: 0.006131

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .00700       | .00702      | .000       | .267    | .00074 | .000    | 1        |
| S2        | 1.2500       | 1.2334      | -.017      | -1.33   | .12327 | .000    | 1        |
| S3        | 2.5000       | 2.5225      | .023       | .902    | .25207 | .001    | 1        |
| S4        | 5.0000       | 5.0932      | .093       | 1.86    | .50890 | .001    | 1        |
| S5        | 10.000       | 9.9009      | -.099      | -.991   | .98924 | .003    | 1        |

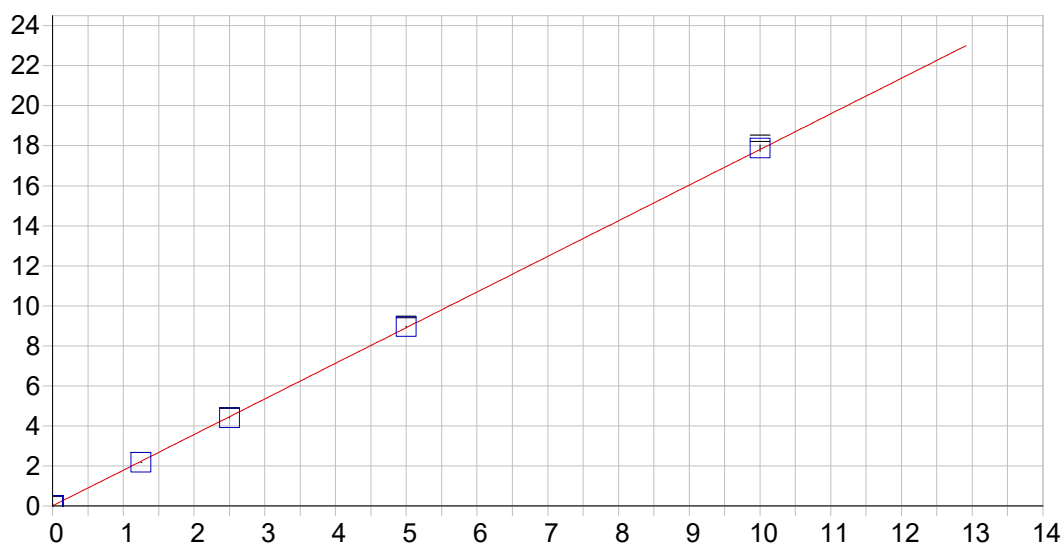


**Ti 336.121 {100}**

Date of Fit: 10/31/2024 14:46:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000385 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.480351 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999748 | Status:   | OK.      |
| Std Error of Est: | 0.000573 |           |          |
| Predicted MDL:    | 0.001980 |           |          |
| Predicted MQL:    | 0.006599 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .10000       | .10474      | .005       | 4.74    | .05068 | .000    | 1        |
| S2        | 1.2500       | 1.2833      | .033       | 2.67    | .61653 | .002    | 1        |
| S3        | 2.5000       | 2.5808      | .081       | 3.23    | 1.2395 | .005    | 1        |
| S4        | 5.0000       | 5.0871      | .087       | 1.74    | 2.4428 | .007    | 1        |
| S5        | 10.000       | 9.7940      | -.206      | -2.06   | 4.7026 | .038    | 1        |

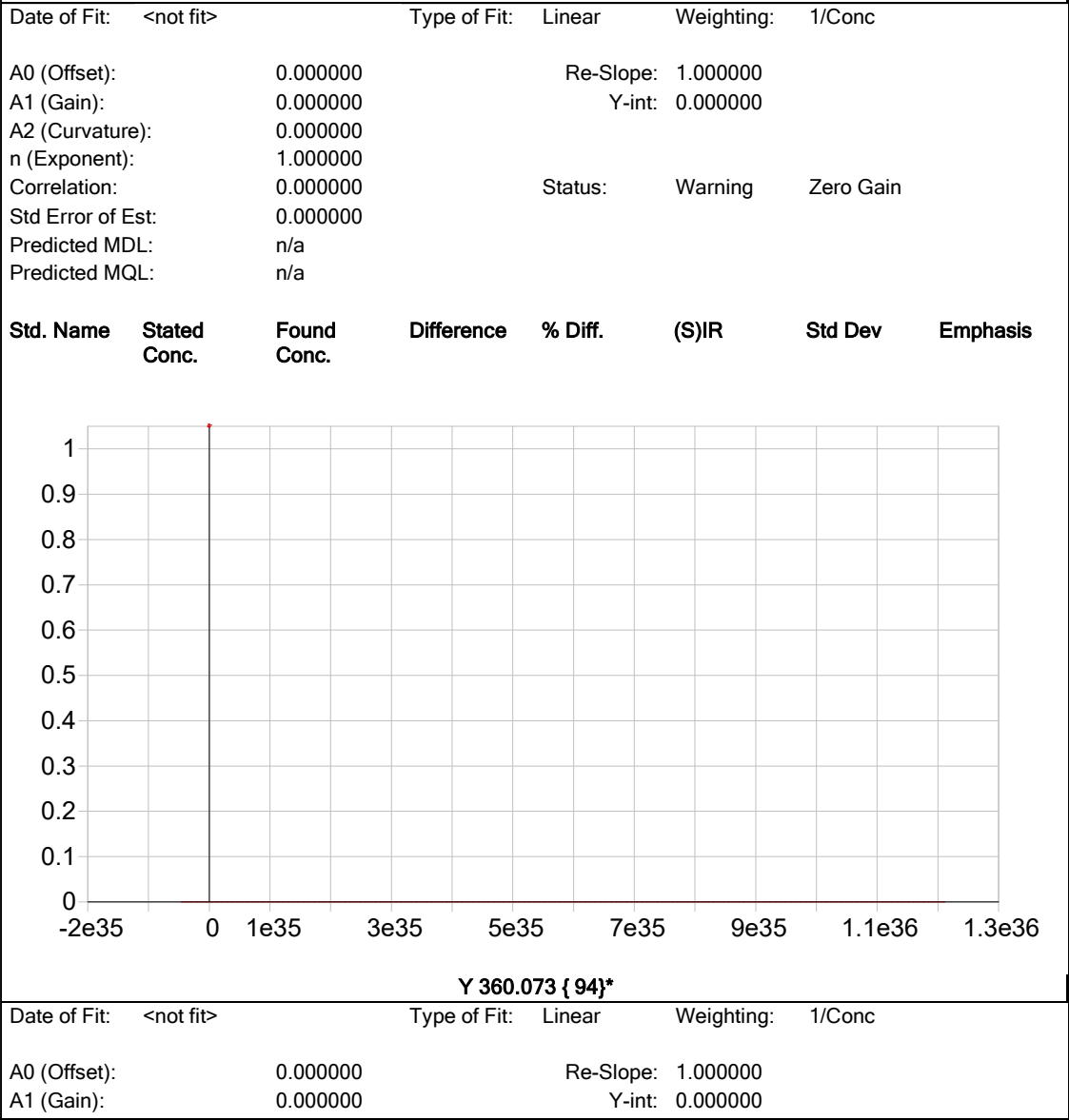
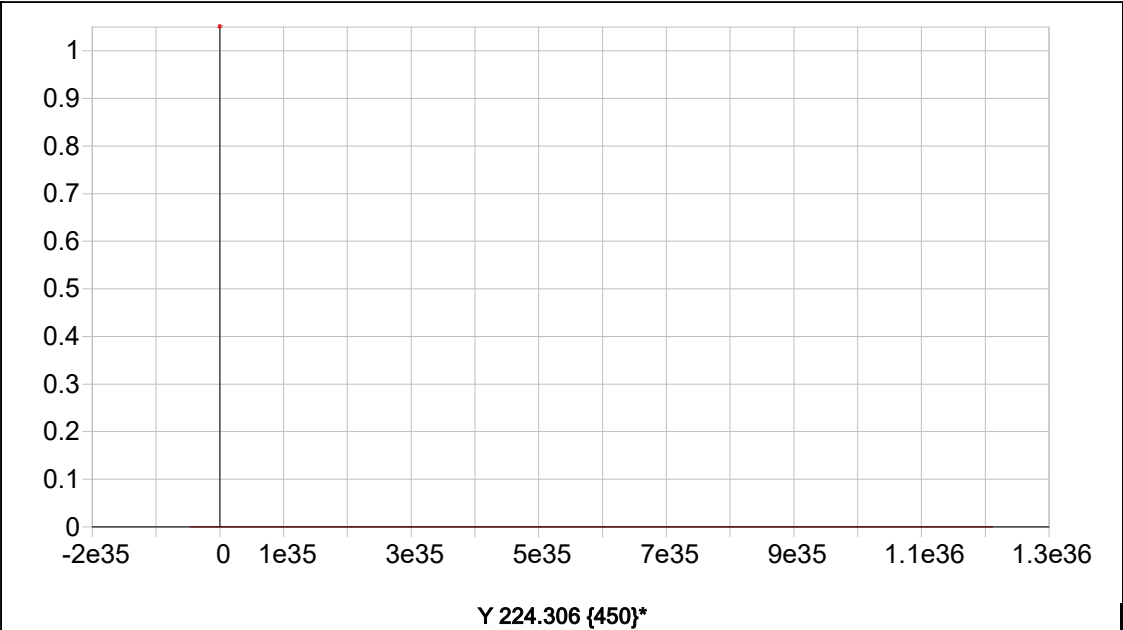


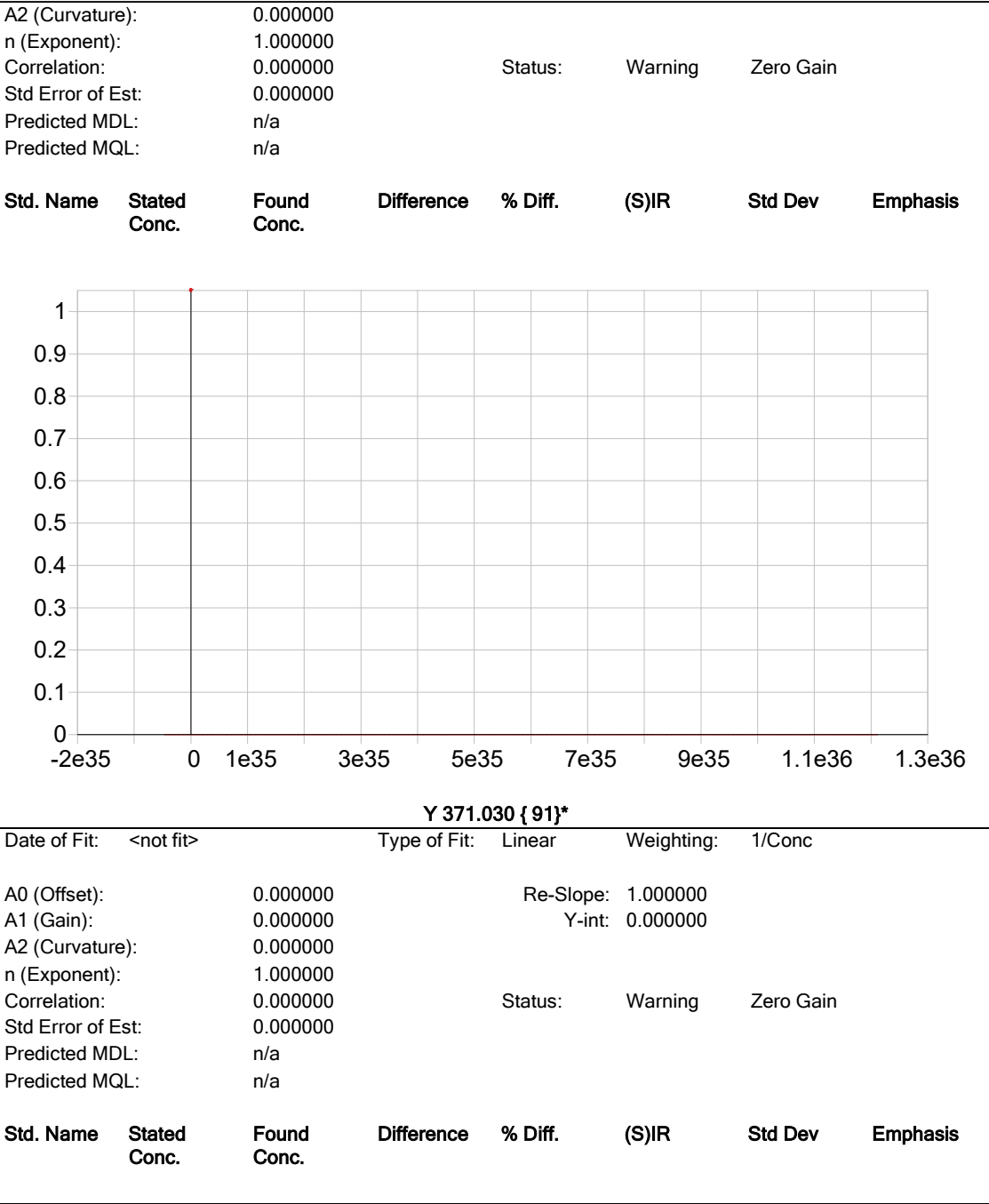
Li 670.784 { 50}

Date of Fit: 10/31/2024 14:46:03 Type of Fit: Linear Weighting: 1/Conc

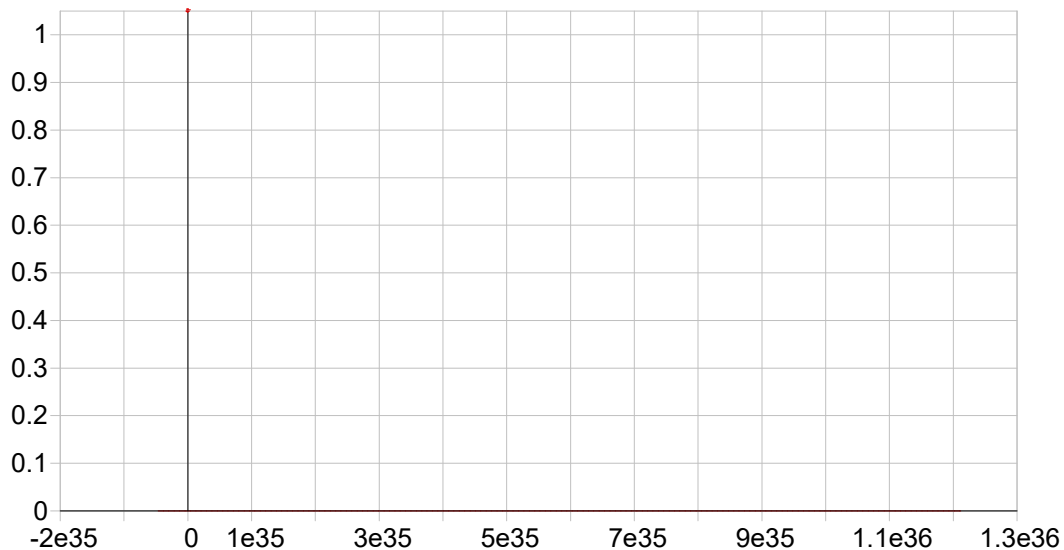
A0 (Offset): 0.004460 Re-Slope: 1.000000  
 A1 (Gain): 1.780796 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999937 Status: OK.  
 Std Error of Est: 0.000412  
 Predicted MDL: 0.002107  
 Predicted MQL: 0.007025

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00445 | .002    | 1        |
| S5        | 10.000       | 10.038      | .038       | .376    | 17.879 | .154    | 1        |
| S4        | 5.0000       | 5.0245      | .024       | .489    | 8.9520 | .039    | 1        |
| S3        | 2.5000       | 2.4662      | -.034      | -1.35   | 4.3962 | .018    | 1        |
| S2        | 1.2500       | 1.2182      | -.032      | -2.54   | 2.1738 | .004    | 1        |
| S1        | .01500       | .01858      | .004       | 23.9    | .03755 | .005    | 1        |





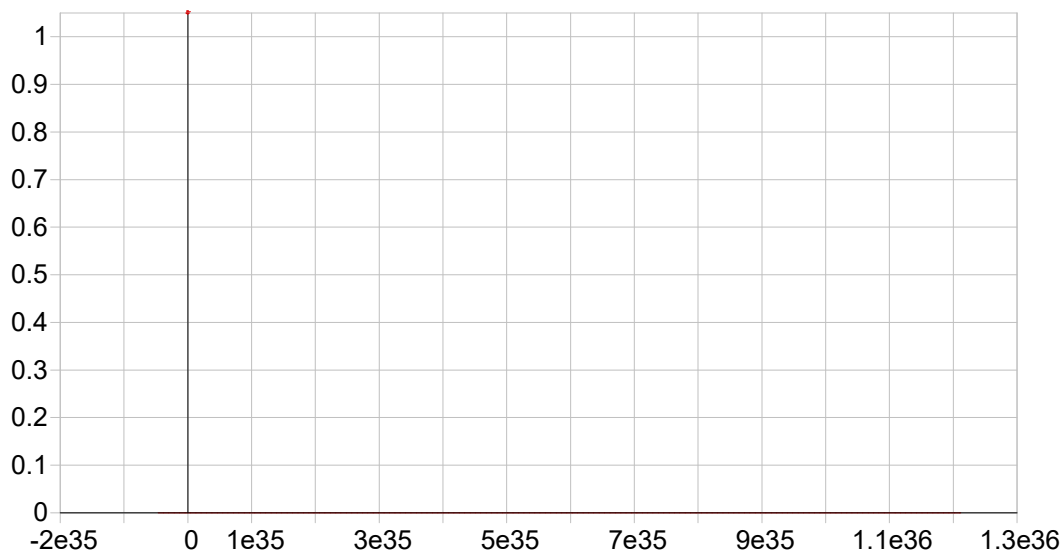




Y 224.306 {150}\*

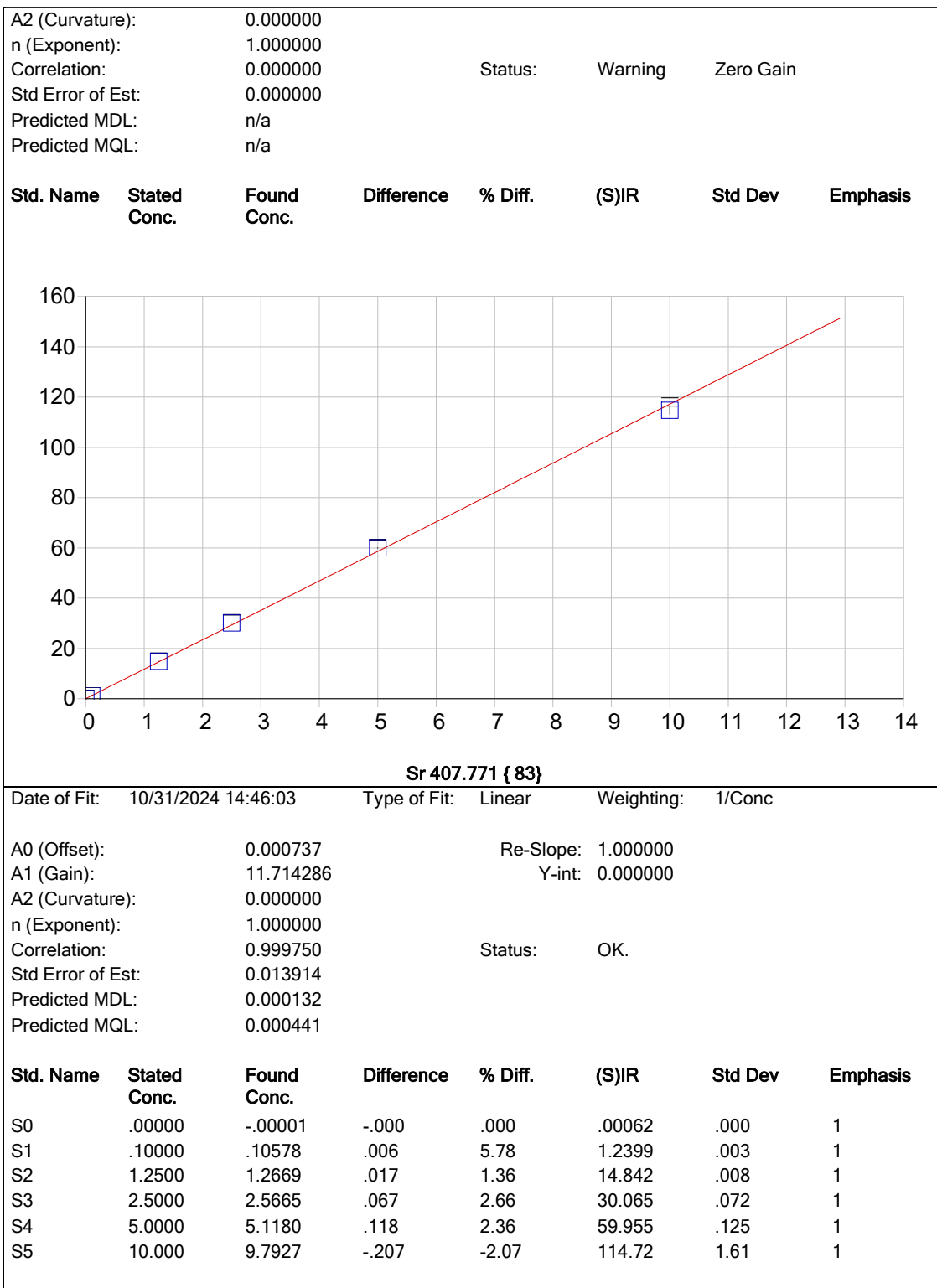
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | 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: 10/31/2024 14:19:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .00013  | -.00035 | -.00087 | .00014  | .00024  | -.00420 | .04140  | -.00363 |
| Stddev | .00009  | .00016  | .00055  | .00019  | .00029  | .00075  | .00222  | .00018  |
| %RSD   | 67.939  | 45.813  | 63.873  | 138.40  | 123.24  | 17.785  | 5.3712  | 4.8513  |
| #1     | .00022  | -.00017 | -.00049 | .00024  | .00055  | -.00342 | .04189  | -.00343 |
| #2     | .00005  | -.00044 | -.00061 | -.00008 | .00020  | -.00490 | .03898  | -.00374 |
| #3     | .00011  | -.00045 | -.00150 | .00025  | -.00003 | -.00429 | .04334  | -.00373 |
| 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    | .00023  | .00666  | -.00030 | -.00058 | .00141  | .00011  | -.00018 | -.00001 |
| Stddev | .00026  | .00101  | .00002  | .00018  | .00016  | .00021  | .00038  | .00026  |
| %RSD   | 115.31  | 15.201  | 6.4748  | 31.477  | 11.462  | 200.72  | 213.28  | 1974.6  |
| #1     | .00009  | .00656  | -.00029 | -.00037 | .00154  | .00032  | -.00059 | -.00029 |
| #2     | .00052  | .00569  | -.00029 | -.00069 | .00147  | .00011  | .00013  | .00022  |
| #3     | .00006  | .00771  | -.00033 | -.00069 | .00123  | -.00011 | -.00007 | .00002  |
| 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    | -.00046 | .02694  | -.01351 | .00032  | .00193  | .08697  | -.00103 | .00253  |
| Stddev | .00035  | .00014  | .00327  | .00069  | .00135  | .00345  | .00005  | .00165  |
| %RSD   | 76.197  | .51510  | 24.202  | 218.66  | 69.827  | 3.9674  | 5.1846  | 65.394  |
| #1     | -.00026 | .02699  | -.01468 | -.00044 | .00040  | .08971  | -.00109 | .00382  |
| #2     | -.00086 | .02679  | -.01604 | .00049  | .00247  | .08811  | -.00103 | .00311  |
| #3     | -.00026 | .02705  | -.00982 | .00091  | .00293  | .08310  | -.00098 | .00066  |
| Elem   | Mo2020  | S_1820  | Si2516  | Sn1899  | Ti3361  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | -.00019 | .00110  | .01350  | .00004  | .00038  | .00445  | .00062  |         |
| Stddev | .00038  | .00005  | .00124  | .00007  | .00044  | .00156  | .00033  |         |
| %RSD   | 199.51  | 4.4580  | 9.2149  | 181.04  | 116.68  | 35.016  | 53.986  |         |
| #1     | -.00058 | .00112  | .01230  | .00006  | .00026  | .00475  | .00088  |         |
| #2     | -.00018 | .00105  | .01478  | -.00004 | .00087  | .00585  | .00024  |         |
| #3     | .00019  | .00115  | .01341  | .00009  | .00001  | .00277  | .00073  |         |

Sample Name: S0      Acquired: 10/31/2024 14:19:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 983.05 | 22526. | 2581.4 | 807.91 | 1883.1 |
| Stddev    | 2.79   | 18.    | 5.8    | 3.32   | 6.6    |
| %RSD      | .28418 | .08136 | .22288 | .41093 | .34959 |
| #1        | 980.21 | 22517. | 2586.1 | 804.89 | 1875.5 |
| #2        | 985.79 | 22548. | 2575.0 | 811.46 | 1887.2 |
| #3        | 983.14 | 22514. | 2583.2 | 807.39 | 1886.5 |

Sample Name: S1      Acquired: 10/31/2024 14:23:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .00044 | .00131 | .00074 | .00283 | .01044 | .01886 | 1.2357  | .02711 |
| Stddev | .00006 | .00019 | .00019 | .00032 | .00014 | .00046 | .0004   | .00049 |
| %RSD   | 12.591 | 14.209 | 25.045 | 11.178 | 1.2988 | 2.4228 | .03539  | 1.8058 |
| #1     | .00048 | .00153 | .00063 | .00254 | .01042 | .01900 | 1.2359  | .02690 |
| #2     | .00047 | .00123 | .00096 | .00316 | .01032 | .01835 | 1.2360  | .02766 |
| #3     | .00038 | .00119 | .00064 | .00279 | .01059 | .01924 | 1.2352  | .02675 |
| 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    | .01069 | .39090 | .00195 | .03030 | .00533 | .00140 | .00439  | .02944 |
| Stddev | .00013 | .00290 | .00005 | .00023 | .00026 | .00026 | .00022  | .00070 |
| %RSD   | 1.1974 | .74301 | 2.5083 | .74598 | 4.9417 | 18.829 | 5.1158  | 2.3912 |
| #1     | .01056 | .39363 | .00201 | .03010 | .00545 | .00110 | .00413  | .02898 |
| #2     | .01068 | .39123 | .00193 | .03054 | .00503 | .00159 | .00451  | .03025 |
| #3     | .01082 | .38785 | .00192 | .03025 | .00551 | .00152 | .00453  | .02909 |
| 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    | .02429 | .03055 | .04709 | .00375 | .15624 | .26455 | -.00069 | .00338 |
| Stddev | .00035 | .00054 | .00311 | .00097 | .00303 | .00377 | .00003  | .00192 |
| %RSD   | 1.4314 | 1.7692 | 6.6081 | 25.814 | 1.9387 | 1.4234 | 4.3890  | 56.633 |
| #1     | .02469 | .03077 | .04935 | .00437 | .15636 | .26805 | -.00072 | .00393 |
| #2     | .02414 | .03094 | .04354 | .00425 | .15921 | .26503 | -.00069 | .00125 |
| #3     | .02404 | .02993 | .04839 | .00264 | .15316 | .26056 | -.00066 | .00497 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |        |
| Avg    | .00877 | .00318 | .35770 | .00074 | .05068 | .03755 | 1.2399  |        |
| Stddev | .00043 | .00016 | .00144 | .00007 | .00014 | .00528 | .0029   |        |
| %RSD   | 4.8787 | 4.8916 | .40271 | 9.1563 | .27837 | 14.056 | .23373  |        |
| #1     | .00926 | .00306 | .35876 | .00074 | .05055 | .03160 | 1.2420  |        |
| #2     | .00856 | .00311 | .35829 | .00080 | .05083 | .03936 | 1.2411  |        |
| #3     | .00848 | .00335 | .35606 | .00067 | .05066 | .04168 | 1.2366  |        |

Sample Name: S1      Acquired: 10/31/2024 14:23:43      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 971.04 | 22644. | 2569.6 | 813.61 | 1851.3 |
| Stddev    | 4.34   | 376.   | 9.1    | 14.20  | 3.4    |
| %RSD      | .44659 | 1.6586 | .35284 | 1.7455 | .18633 |
| #1        | 973.18 | 22453. | 2560.2 | 811.14 | 1851.8 |
| #2        | 966.05 | 22403. | 2570.4 | 800.80 | 1847.7 |
| #3        | 973.89 | 23077. | 2578.3 | 828.88 | 1854.5 |

Sample Name: S2      Acquired: 10/31/2024 14:28:21      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03323 | .09213 | .88302 | .08339 | .21824 | 4.1549 | 14.066 | .75560 |
| Stddev | .00045 | .00044 | .00045 | .00059 | .00034 | .0036  | .006   | .00263 |
| %RSD   | 1.3632 | .47608 | .05071 | .70822 | .15529 | .08718 | .04106 | .34761 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03299 | .09191 | .88331 | .08374 | .21787 | 4.1526 | 14.065 | .75641 |
| #2 | .03294 | .09184 | .88250 | .08270 | .21833 | 4.1590 | 14.060 | .75266 |
| #3 | .03375 | .09263 | .88323 | .08371 | .21853 | 4.1530 | 14.072 | .75772 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2523 | 4.5209 | .78138 | .38019 | .67388 | .51573 | 1.0550 | .34005 |
| Stddev | .0019  | .0064  | .00100 | .00056 | .00169 | .00181 | .0053  | .00160 |
| %RSD   | .15459 | .14228 | .12813 | .14681 | .25098 | .35027 | .50404 | .47026 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2531 | 4.5217 | .78250 | .37969 | .67223 | .51466 | 1.0567 | .34140 |
| #2 | 1.2501 | 4.5269 | .78105 | .38079 | .67378 | .51781 | 1.0592 | .34046 |
| #3 | 1.2537 | 4.5141 | .78058 | .38008 | .67561 | .51471 | 1.0490 | .33828 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .36390 | .12067 | .42223 | .04511 | 9.4702 | 1.4033 | .06127 | 1.2433 |
| Stddev | .00016 | .00062 | .00277 | .00118 | .0324  | .0002  | .00015 | .0050  |
| %RSD   | .04317 | .51018 | .65562 | 2.6170 | .34179 | .01290 | .23841 | .39788 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .36380 | .12078 | .42011 | .04642 | 9.4354 | 1.4032 | .06116 | 1.2485 |
| #2 | .36408 | .12001 | .42121 | .04414 | 9.4995 | 1.4031 | .06121 | 1.2427 |
| #3 | .36382 | .12123 | .42536 | .04476 | 9.4757 | 1.4035 | .06143 | 1.2386 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.0652 | .03232 | 1.9906 | .12327 | .61653 | 2.1738 | 14.842 |
| Stddev | .0030  | .00023 | .0056  | .00010 | .00250 | .0037  | .008   |
| %RSD   | .27897 | .70922 | .28090 | .08487 | .40516 | .16863 | .05080 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0622 | .03206 | 1.9965 | .12320 | .61397 | 2.1696 | 14.835 |
| #2 | 1.0654 | .03242 | 1.9900 | .12321 | .61665 | 2.1763 | 14.850 |
| #3 | 1.0681 | .03249 | 1.9853 | .12339 | .61897 | 2.1757 | 14.841 |

Sample Name: S2      Acquired: 10/31/2024 14:28:21      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 927.25 | 22129. | 2549.0 | 767.26 | 1694.6 |
| Stddev    | 2.30   | 18.    | 3.1    | 2.44   | 1.7    |
| %RSD      | .24838 | .08048 | .12317 | .31865 | .09828 |
| #1        | 929.17 | 22116. | 2549.5 | 770.08 | 1693.5 |
| #2        | 927.88 | 22149. | 2545.6 | 765.81 | 1696.5 |
| #3        | 924.70 | 22123. | 2551.8 | 765.88 | 1693.7 |



Sample Name: S3      Acquired: 10/31/2024 14:32:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .06871 | .18515 | 1.8001 | .17107 | .44926 | 8.4007 | 28.772 | 1.4702 |
| Stddev | .00010 | .00057 | .0042  | .00063 | .00181 | .0143  | .051   | .0021  |
| %RSD   | .14272 | .30911 | .23049 | .36943 | .40329 | .17004 | .17877 | .14338 |
| #1     | .06861 | .18508 | 1.8008 | .17070 | .44799 | 8.3969 | 28.739 | 1.4683 |
| #2     | .06871 | .18575 | 1.7956 | .17180 | .44846 | 8.3887 | 28.745 | 1.4724 |
| #3     | .06881 | .18461 | 1.8038 | .17070 | .45134 | 8.4165 | 28.831 | 1.4699 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.5307 | 8.9589 | 1.5542 | .77297 | 1.3573 | 1.0164 | 2.1194 | .68587 |
| Stddev | .0029  | .0158  | .0174  | .00074 | .0037  | .0036  | .0069  | .00286 |
| %RSD   | .11491 | .17599 | 1.1204 | .09597 | .27107 | .35591 | .32301 | .41698 |
| #1     | 2.5319 | 8.9584 | 1.5352 | .77320 | 1.3533 | 1.0146 | 2.1115 | .68780 |
| #2     | 2.5274 | 8.9433 | 1.5694 | .77214 | 1.3579 | 1.0141 | 2.1228 | .68258 |
| #3     | 2.5329 | 8.9748 | 1.5580 | .77358 | 1.3606 | 1.0206 | 2.1239 | .68723 |
| 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    | .73609 | .21152 | .86804 | .09056 | 19.266 | 2.7954 | .12934 | 2.4692 |
| Stddev | .00095 | .00189 | .00627 | .00103 | .302   | .0081  | .00040 | .0012  |
| %RSD   | .12971 | .89469 | .72184 | 1.1384 | 1.5666 | .28998 | .30735 | .04915 |
| #1     | .73704 | .20949 | .87177 | .09175 | 18.948 | 2.7898 | .12980 | 2.4689 |
| #2     | .73513 | .21324 | .86080 | .09000 | 19.548 | 2.7917 | .12910 | 2.4682 |
| #3     | .73609 | .21183 | .87154 | .08992 | 19.304 | 2.8047 | .12913 | 2.4705 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 2.1778 | .06802 | 3.9099 | .25207 | 1.2395 | 4.3962 | 30.065 |        |
| Stddev | .0023  | .00014 | .0105  | .00070 | .0054  | .0182  | .072   |        |
| %RSD   | .10445 | .20849 | .26928 | .27724 | .43215 | .41372 | .24037 |        |
| #1     | 2.1775 | .06809 | 3.9028 | .25154 | 1.2395 | 4.3977 | 30.000 |        |
| #2     | 2.1757 | .06811 | 3.9048 | .25179 | 1.2341 | 4.3773 | 30.054 |        |
| #3     | 2.1802 | .06785 | 3.9220 | .25286 | 1.2448 | 4.4136 | 30.143 |        |

Sample Name: S3      Acquired: 10/31/2024 14:32:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 886.07 | 21752. | 2542.3 | 726.67 | 1606.0 |
| Stddev    | 1.03   | 185.   | 7.3    | 9.30   | 2.7    |
| %RSD      | .11614 | .84959 | .28635 | 1.2798 | .16802 |
|           |        |        |        |        |        |
| #1        | 885.72 | 21949. | 2534.6 | 736.35 | 1603.7 |
| #2        | 887.23 | 21582. | 2549.0 | 717.81 | 1608.9 |
| #3        | 885.27 | 21725. | 2543.2 | 725.85 | 1605.3 |

Sample Name: S4      Acquired: 10/31/2024 14:37:09      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .14136 | .36187 | 3.5902 | .35308 | .94066 | 16.932 | 57.622 | 2.8849 |
| Stddev | .00060 | .00045 | .0076  | .00042 | .00332 | .038   | .076   | .0168  |
| %RSD   | .42092 | .12325 | .21285 | .11824 | .35338 | .22448 | .13172 | .58223 |
| #1     | .14068 | .36145 | 3.5895 | .35352 | .94289 | 16.975 | 57.682 | 2.9026 |
| #2     | .14164 | .36182 | 3.5829 | .35304 | .93684 | 16.919 | 57.647 | 2.8692 |
| #3     | .14176 | .36234 | 3.5981 | .35269 | .94225 | 16.902 | 57.536 | 2.8829 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.0269 | 17.729 | 3.0399 | 1.5516 | 2.6995 | 1.9789 | 4.1553 | 1.3721 |
| Stddev | .0073  | .067   | .0068  | .0047  | .0085  | .0098  | .0062  | .0048  |
| %RSD   | .14541 | .38018 | .22324 | .30571 | .31418 | .49558 | .14822 | .35256 |
| #1     | 5.0292 | 17.807 | 3.0361 | 1.5524 | 2.7091 | 1.9889 | 4.1610 | 1.3762 |
| #2     | 5.0188 | 17.693 | 3.0477 | 1.5465 | 2.6963 | 1.9786 | 4.1562 | 1.3668 |
| #3     | 5.0329 | 17.687 | 3.0359 | 1.5559 | 2.6931 | 1.9693 | 4.1488 | 1.3733 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.4683 | .39751 | 1.7411 | .18047 | 40.016 | 5.6242 | .26647 | 4.8178 |
| Stddev | .0038  | .00144 | .0140  | .00050 | .069   | .0144  | .00039 | .0203  |
| %RSD   | .25734 | .36305 | .80538 | .27806 | .17166 | .25640 | .14767 | .42140 |
| #1     | 1.4686 | .39614 | 1.7553 | .18095 | 39.999 | 5.6393 | .26637 | 4.8395 |
| #2     | 1.4644 | .39902 | 1.7407 | .17995 | 39.958 | 5.6106 | .26690 | 4.8145 |
| #3     | 1.4719 | .39736 | 1.7273 | .18052 | 40.092 | 5.6228 | .26613 | 4.7993 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 4.4759 | .14129 | 7.6173 | .50890 | 2.4428 | 8.9520 | 59.955 |        |
| Stddev | .0128  | .00028 | .0360  | .00061 | .0072  | .0386  | .125   |        |
| %RSD   | .28644 | .20095 | .47320 | .11989 | .29347 | .43079 | .20792 |        |
| #1     | 4.4775 | .14141 | 7.6536 | .50916 | 2.4505 | 8.9948 | 60.086 |        |
| #2     | 4.4623 | .14096 | 7.6167 | .50820 | 2.4414 | 8.9412 | 59.941 |        |
| #3     | 4.4878 | .14149 | 7.5816 | .50933 | 2.4364 | 8.9200 | 59.838 |        |

Sample Name: S4      Acquired: 10/31/2024 14:37:09      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 820.91 | 21143. | 2522.1 | 650.59 | 1506.2 |
| Stddev    | 1.41   | 32.    | 11.6   | .79    | 1.7    |
| %RSD      | .17203 | .15158 | .45838 | .12081 | .11551 |
|           |        |        |        |        |        |
| #1        | 819.64 | 21179. | 2508.8 | 650.90 | 1506.3 |
| #2        | 822.43 | 21120. | 2529.1 | 651.16 | 1507.9 |
| #3        | 820.66 | 21129. | 2528.5 | 649.69 | 1504.4 |

Sample Name: S5      Acquired: 10/31/2024 14:41:30      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .28825 | .68503 | 7.0316 | .75231 | 2.0370 | 33.369 | 110.86 | 5.5583 |
| Stddev | .00063 | .00259 | .0060  | .00065 | .0013  | .283   | 1.19   | .0427  |
| %RSD   | .21980 | .37787 | .08538 | .08654 | .06526 | .84706 | 1.0711 | .76799 |
| #1     | .28764 | .68208 | 7.0251 | .75159 | 2.0356 | 33.533 | 111.47 | 5.5988 |
| #2     | .28821 | .68608 | 7.0330 | .75250 | 2.0372 | 33.042 | 109.49 | 5.5137 |
| #3     | .28891 | .68693 | 7.0369 | .75285 | 2.0383 | 33.531 | 111.62 | 5.5623 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 9.6661 | 34.144 | 5.7905 | 3.0157 | 5.2297 | 3.7398 | 7.8811 | 2.6881 |
| Stddev | .0200  | .273   | .0088  | .0077  | .0455  | .0335  | .0627  | .0191  |
| %RSD   | .20693 | .80041 | .15187 | .25610 | .86974 | .89662 | .79541 | .71147 |
| #1     | 9.6431 | 34.310 | 5.7804 | 3.0072 | 5.2601 | 3.7685 | 7.9261 | 2.6981 |
| #2     | 9.6791 | 33.829 | 5.7951 | 3.0179 | 5.1774 | 3.7029 | 7.8095 | 2.6661 |
| #3     | 9.6763 | 34.294 | 5.7961 | 3.0221 | 5.2516 | 3.7480 | 7.9077 | 2.7002 |
| 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    | 2.8348 | .76730 | 3.4152 | .34388 | 83.372 | 11.069 | .53526 | 9.0673 |
| Stddev | .0065  | .00126 | .0312  | .00155 | .425   | .089   | .00067 | .0518  |
| %RSD   | .22839 | .16434 | .91300 | .45165 | .51009 | .80477 | .12469 | .57160 |
| #1     | 2.8278 | .76698 | 3.4332 | .34501 | 83.040 | 11.126 | .53497 | 9.1016 |
| #2     | 2.8359 | .76869 | 3.3792 | .34211 | 83.851 | 10.966 | .53602 | 9.0077 |
| #3     | 2.8406 | .76624 | 3.4333 | .34452 | 83.225 | 11.115 | .53478 | 9.0926 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 9.3989 | .28518 | 14.554 | .98924 | 4.7026 | 17.879 | 114.72 |        |
| Stddev | .0130  | .00153 | .062   | .00275 | .0376  | .154   | 1.61   |        |
| %RSD   | .13803 | .53493 | .42375 | .27760 | .79923 | .86284 | 1.4057 |        |
| #1     | 9.3907 | .28455 | 14.591 | .98621 | 4.7226 | 17.960 | 113.85 |        |
| #2     | 9.3922 | .28407 | 14.483 | .98995 | 4.6592 | 17.701 | 113.72 |        |
| #3     | 9.4139 | .28692 | 14.589 | .99156 | 4.7258 | 17.977 | 116.58 |        |

Sample Name: S5      Acquired: 10/31/2024 14:41:30      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 718.41 | 20490. | 2504.2 | 543.75 | 1402.9 |
| Stddev    | .59    | 32.    | 14.7   | 2.56   | 2.0    |
| %RSD      | .08276 | .15762 | .58659 | .47084 | .14606 |
| #1        | 718.75 | 20527. | 2495.7 | 546.16 | 1404.9 |
| #2        | 718.75 | 20469. | 2521.2 | 541.06 | 1400.8 |
| #3        | 717.72 | 20474. | 2495.8 | 544.03 | 1403.0 |

Sample Name: S6      Acquired: 10/31/2024 14:46:08      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | 88.228 | 54.244 | 9.8576 | 4.3198 | 9.3977 |
| Stddev | .141   | .050   | .0168  | .0090  | .0197  |
| %RSD   | .16030 | .09170 | .17076 | .20905 | .20914 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 88.279 | 54.295 | 9.8636 | 4.3298 | 9.4191 |
| #2 | 88.068 | 54.195 | 9.8385 | 4.3123 | 9.3804 |
| #3 | 88.337 | 54.243 | 9.8705 | 4.3172 | 9.3937 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 2427.3 |
| Stddev    | 7.8    |
| %RSD      | .32208 |

|    |        |
|----|--------|
| #1 | 2420.0 |
| #2 | 2426.4 |
| #3 | 2435.5 |

Sample Name: ICV002      Acquired: 10/31/2024 17:12:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9764352 | 1.041542 | .9710231 | .9551472 | 1.046687 | 2.353601 |
| Stddev | .0028632 | .005621  | .0039631 | .0025740 | .002532  | .021336  |
| %RSD   | .2932324 | .5396645 | .4081389 | .2694842 | .2419522 | .9065198 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9777840 | 1.039436 | .9664542 | .9545360 | 1.048947 | 2.371995 |
| #2 | .9731467 | 1.037279 | .9730831 | .9579718 | 1.043950 | 2.358597 |
| #3 | .9783749 | 1.047912 | .9735320 | .9529339 | 1.047165 | 2.330210 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5160530 | .5359615 | .4908515 | 10.05476 | .5531320 | .4919687 |
| Stddev | .0006602 | .0010337 | .0005588 | .06422   | .0014990 | .0007413 |
| %RSD   | .1279358 | .1928590 | .1138328 | .6387248 | .2710100 | .1506755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5166430 | .5359124 | .4903896 | 10.12866 | .5534040 | .4917658 |
| #2 | .5161762 | .5349532 | .4906923 | 10.01252 | .5515156 | .4927903 |
| #3 | .5153399 | .5370188 | .4914726 | 10.02309 | .5544765 | .4913500 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4844600 | 10.73685 | .5222175 | 5.606951 | .5026115 | .2482329 |
| Stddev | .0008021 | .05156   | .0036914 | .031392  | .0017542 | .0024282 |
| %RSD   | .1655556 | .4801875 | .7068777 | .5598709 | .3490146 | .9782092 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4853786 | 10.78122 | .5223914 | 5.592054 | .5006126 | .2484733 |
| #2 | .4838987 | 10.68029 | .5184422 | 5.585782 | .5038946 | .2456935 |
| #3 | .4841028 | 10.74904 | .5258189 | 5.643018 | .5033272 | .2505321 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.43059 | .5125490 | .9983167 | 10.00489 | F .0061118 | F .0085157 |
| Stddev | .39044   | .0036547 | .0021577 | .09248   | .0013518   | .0008784   |
| %RSD   | 3.743254 | .7130388 | .2161387 | .9243624 | 22.11817   | 10.31491   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.80025 | .5091912 | 1.000174 | 10.08747 | .0076175 | .0089696 |
| #2 | 10.46928 | .5120141 | .998827  | 9.90496  | .0057154 | .0090742 |
| #3 | 10.02225 | .5164416 | .995950  | 10.02224 | .0050025 | .0075032 |



Sample Name: ICV002      Acquired: 10/31/2024 17:12:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV002      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
|--------|------------|------------|------------|------------|------------|------------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000326 | F -.020348 | F -.000316 | F .0003631 | F -.000517 | F .0069491 |
| Stddev | .000541    | .002941    | .001226    | .0015375   | .001758    | .0005497   |
| %RSD   | 165.7978   | 14.45310   | 387.2455   | 423.4390   | 340.2575   | 7.910137   |
| #1     | -.000784   | -.017323   | .000957    | .0020400   | -.001804   | .0064090   |
| #2     | -.000465   | -.023197   | -.001487   | -.000980   | -.001231   | .0075079   |
| #3     | .000270    | -.020525   | -.000420   | .000030    | .001486    | .0069305   |

| Elem   | Sr4077     |
|--------|------------|
| Units  | ppm        |
| Avg    | F .0012828 |
| Stddev | .0000141   |
| %RSD   | 1.099501   |
| #1     | .0012699   |
| #2     | .0012979   |
| #3     | .0012807   |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 952.5427 | 22465.65 | 2623.673 | 797.5729 | 1817.966 |
| Stddev    | 1.9742   | 66.15    | 8.996    | 1.2528   | 1.393    |
| %RSD      | .2072558 | .2944683 | .3428860 | .1570782 | .0766131 |
| #1        | 952.8639 | 22450.31 | 2617.140 | 796.2473 | 1817.219 |
| #2        | 954.3366 | 22538.12 | 2633.934 | 798.7373 | 1819.573 |
| #3        | 950.4276 | 22408.51 | 2619.945 | 797.7341 | 1817.107 |

Sample Name: ICB002      Acquired: 10/31/2024 17:17:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000409 | .0028704 | .0020327 | -.002008 | -.001640 | .0012893 | -.001666 |
| Stddev | .008833  | .0019457 | .0040186 | .004909  | .001954  | .0069964 | .000845  |
| %RSD   | 2160.328 | 67.78656 | 197.6950 | 244.4930 | 119.1205 | 542.6709 | 50.69368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003495 | .0050646 | -.002568 | .001527  | -.000029 | .0078796 | -.002623 |
| #2 | .009554  | .0021916 | .004857  | -.007613 | -.003813 | .0020407 | -.001022 |
| #3 | -.007285 | .0013550 | .003809  | .000062  | -.001078 | -.006052 | -.001354 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002995 | .0000313 | -.012994 | .0009145 | .0003416 | .0013645 | .0117427 |
| Stddev | .0000611 | .0001499 | .017488  | .0007456 | .0003833 | .0029310 | .0046548 |
| %RSD   | 20.40379 | 478.6116 | 134.5903 | 81.53235 | 112.1818 | 214.8096 | 39.64013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003471 | -.000005 | -.002834 | .0012226 | .0005852 | .0044731 | .0155878 |
| #2 | .0002306 | .000196  | -.033187 | .0000642 | -.000100 | .0009691 | .0130728 |
| #3 | .0003208 | -.000097 | -.002959 | .0014566 | .000540  | -.001349 | .0065676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000519 | .0122221 | .0001914 | -.000942 | .4161261 | -.010303 | -.000187 |
| Stddev | .002089  | .0164347 | .0004986 | .000948  | .1403664 | .005870  | .000411  |
| %RSD   | 402.8225 | 134.4675 | 260.5272 | 100.6443 | 33.73169 | 56.97247 | 219.8200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002351 | .0161845 | -.000277 | -.001978 | .4846039 | -.017082 | -.000606 |
| #2 | -.000961 | .0263134 | .000715  | -.000731 | .5091107 | -.006922 | .000216  |
| #3 | .001756  | -.005832 | .000136  | -.000117 | .2546638 | -.006907 | -.000171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.403774 | -.000648 | -.000955 | .0006017 | -.024113 | -.000800 | .0023312 |
| Stddev | .097326  | .001593  | .000726  | .0006355 | .000224  | .001029  | .0008557 |
| %RSD   | 24.10399 | 245.8017 | 76.01174 | 105.6141 | .9294628 | 128.5554 | 36.70417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.293293 | .000642  | -.001450 | -.000131 | -.024158 | -.000365 | .0031156 |
| #2 | -.441189 | -.000158 | -.000122 | .000934  | -.024311 | -.000061 | .0024593 |
| #3 | -.476839 | -.002429 | -.001293 | .001002  | -.023870 | -.001975 | .0014187 |

Sample Name: ICB002      Acquired: 10/31/2024 17:17:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005150 | .0062834 | -.000064 |
| Stddev | .0012452 | .0024682 | .000046  |
| %RSD   | 241.8063 | 39.28150 | 70.96140 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000667 | .0085743 | -.000037 |
| #2 | .001815  | .0066064 | -.000117 |
| #3 | .000397  | .0036696 | -.000039 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 947.2548 | 22151.05 | 2571.163 | 793.8335 | 1834.471 |
| Stddev    | 2.3228   | 67.26    | 8.189    | 6.3127   | .768     |
| %RSD      | .2452137 | .3036490 | .3185091 | .7952182 | .0418672 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 944.6545 | 22226.49 | 2578.014 | 801.0989 | 1834.314 |
| #2 | 947.9855 | 22129.33 | 2562.093 | 790.7116 | 1835.306 |
| #3 | 949.1244 | 22097.34 | 2573.382 | 789.6901 | 1833.794 |

Sample Name: ICSA002      Acquired: 10/31/2024 17:21:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011112 | -.016938 | -.000159 | .0052391 | .0033267 | 246.0125 |
| Stddev | .0064683 | .003356  | .002423  | .0050329 | .0016281 | 1.1611   |
| %RSD   | 582.1204 | 19.81478 | 1520.189 | 96.06467 | 48.94017 | .4719760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0067202 | -.013165 | -.001468 | .0092815 | .0052054 | 244.8675 |
| #2 | .0025777 | -.018060 | -.001648 | -.000398 | .0024458 | 247.1891 |
| #3 | -.005964 | -.019590 | .002637  | .006834  | .0023288 | 245.9810 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047188 | .0018685 | .0012088 | 257.5051 | .0529712 | .0019649 |
| Stddev | .0002651 | .0000139 | .0002245 | 1.2529   | .0007260 | .0011036 |
| %RSD   | 5.618605 | .7418464 | 18.57363 | .4865511 | 1.370497 | 56.16711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0046013 | .0018542 | .0014016 | 256.2957 | .0537806 | .0029399 |
| #2 | .0050224 | .0018694 | .0012626 | 258.7974 | .0523778 | .0021881 |
| #3 | .0045327 | .0018819 | .0009623 | 257.4221 | .0527551 | .0007667 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007342 | 106.5331 | .0119427 | 261.9829 | .0035883 | .0038237 |
| Stddev | .004406  | .4344    | .0014891 | .9449    | .0003772 | .0003461 |
| %RSD   | 60.01612 | .4077142 | 12.46890 | .3606707 | 10.51283 | 9.052315 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008325 | 106.1013 | .0124510 | 261.0945 | .0040052 | .0036250 |
| #2 | -.011175 | 106.9700 | .0131111 | 262.9756 | .0034891 | .0036228 |
| #3 | -.002527 | 106.5280 | .0102659 | 261.8786 | .0032706 | .0042234 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .8299261 | -.005659 | .0125195 | -.573198 | .0044169 | F .0858994 |
| Stddev | .2632662 | .003446  | .0002422 | .056060  | .0034084 | .0007318   |
| %RSD   | 31.72165 | 60.88987 | 1.934675 | 9.780281 | 77.16794 | .8519752   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7949813 | -.001730 | .0124328 | -.534613 | .0076609 | .0860695 |
| #2 | 1.108920 | -.008168 | .0123325 | -.637504 | .0008650 | .0865311 |
| #3 | .585877  | -.007079 | .0127931 | -.547478 | .0047248 | .0850974 |

Sample Name: ICSA002      Acquired: 10/31/2024 17:21:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001259 | -.023227 | -.000525 | -.002858 | -.000728 | .0080800 |
| Stddev | .000399  | .010091  | .000482  | .002238  | .001668  | .0007497 |
| %RSD   | 31.71017 | 43.44316 | 91.93779 | 78.29508 | 229.1976 | 9.278819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001582 | -.013013 | -.000454 | -.003696 | -.001204 | .0075648 |
| #2 | -.000813 | -.033190 | -.001039 | -.000322 | -.002106 | .0089401 |
| #3 | -.001382 | -.023478 | -.000082 | -.004556 | .001127  | .0077350 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1046864 |
| Stddev | .0002863   |
| %RSD   | .2734509   |

|    |          |
|----|----------|
| #1 | .1043942 |
| #2 | .1049663 |
| #3 | .1046986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 892.3867 | 21242.52 | 2566.994 | 750.1082 | 1557.401 |
| Stddev    | 3.2128   | 25.45    | 10.843   | 3.7088   | 7.023    |
| %RSD      | .3600204 | .1198252 | .4223954 | .4944327 | .4509332 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 896.0548 | 21271.78 | 2576.170 | 746.8032 | 1565.510 |
| #2 | 891.0331 | 21230.25 | 2555.029 | 749.4020 | 1553.272 |
| #3 | 890.0723 | 21225.52 | 2569.782 | 754.1192 | 1553.421 |

Sample Name: ICSAB002      Acquired: 10/31/2024 17:26:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0970787 | .0960526 | .0506734 | .0574997 | .5621303 | 242.7546 |
| Stddev | .0056753 | .0040827 | .0017206 | .0112830 | .0036254 | .8307    |
| %RSD   | 5.846105 | 4.250520 | 3.395515 | 19.62269 | .6449431 | .3422051 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0908738 | .0931212 | .0504935 | .0457309 | .5607473 | 241.9722 |
| #2 | .1020071 | .0943208 | .0524769 | .0682243 | .5662437 | 243.6264 |
| #3 | .0983550 | .1007158 | .0490498 | .0585439 | .5594000 | 242.6653 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5303453 | .5538975 | 1.020367 | 255.4441 | .5962919 | .5139567 |
| Stddev | .0005930 | .0028875 | .000406  | 1.3298   | .0019019 | .0010440 |
| %RSD   | .1118216 | .5212988 | .0397534 | .5205770 | .3189467 | .2031339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5297070 | .5516214 | 1.019966 | 254.3837 | .5977847 | .5127607 |
| #2 | .5308793 | .5571455 | 1.020357 | 256.9361 | .5941506 | .5144233 |
| #3 | .5304497 | .5529257 | 1.020777 | 255.0125 | .5969403 | .5146859 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4861482 | 105.6391 | .5255226 | 259.5542 | 1.029183 | .2004174 |
| Stddev | .0031055 | .1904    | .0025319 | .7816    | .001259  | .0004938 |
| %RSD   | .6388081 | .1802707 | .4817975 | .3011437 | .1223361 | .2463710 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4846721 | 105.5236 | .5260661 | 258.7384 | 1.028169 | .2009291 |
| #2 | .4840559 | 105.8589 | .5277386 | 260.2964 | 1.028787 | .2003794 |
| #3 | .4897165 | 105.5348 | .5227629 | 259.6278 | 1.030592 | .1999437 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.206888 | .5160157 | .9456689 | -.775440 | .0052798 | F .0870822 |
| Stddev | .219461  | .0034227 | .0034734 | .065164  | .0045376 | .0006343   |
| %RSD   | 18.18404 | .6632985 | .3672927 | 8.403508 | 85.94302 | .7283376   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.447143 | .5158599 | .9435966 | -.812276 | .0000614 | .0878051 |
| #2 | 1.156555 | .5195137 | .9437313 | -.700201 | .0082963 | .0868218 |
| #3 | 1.016965 | .5126736 | .9496789 | -.813844 | .0074816 | .0866195 |

Sample Name: ICSAB002      Acquired: 10/31/2024 17:26:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000259 | -.012799 | -.000159 | -.002465 | -.002969 | .0071160 |
| Stddev | .000505  | .010379  | .000679  | .003384  | .001224  | .0024325 |
| %RSD   | 195.3226 | 81.09426 | 426.8166 | 137.2892 | 41.22375 | 34.18423 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000072 | -.024160 | .000169  | -.003501 | -.002442 | .0092543 |
| #2 | -.000830 | -.010421 | .000294  | .001316  | -.004368 | .0076241 |
| #3 | .000127  | -.003815 | -.000940 | -.005209 | -.002097 | .0044695 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1029975 |
| Stddev | .0005424   |
| %RSD   | .5265744   |

|    |          |
|----|----------|
| #1 | .1023713 |
| #2 | .1033107 |
| #3 | .1033107 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.1275 | 21208.99 | 2555.326 | 749.0834 | 1549.615 |
| Stddev    | 2.0712   | 53.96    | 6.531    | 4.3438   | 2.193    |
| %RSD      | .2345312 | .2544199 | .2555725 | .5798758 | .1415047 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 883.3519 | 21174.75 | 2561.440 | 750.7481 | 1550.503 |
| #2 | 885.0773 | 21271.19 | 2548.446 | 752.3486 | 1551.224 |
| #3 | 880.9532 | 21181.03 | 2556.094 | 744.1535 | 1547.117 |

Sample Name: CCV009      Acquired: 10/31/2024 17:30:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.091262 | 4.811629 | 24.69882 | 4.859451 | 4.952966 | 411.4760 | 10.22171 |
| Stddev | .045266  | .032925  | .11760   | .048591  | .008884  | 8.3569   | .21584   |
| %RSD   | .8890962 | .6842830 | .4761342 | .9999358 | .1793742 | 2.030962 | 2.111602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.074557 | 4.795971 | 24.65965 | 4.877024 | 4.949359 | 411.6642 | 10.21536 |
| #2 | 5.142507 | 4.849461 | 24.83101 | 4.896812 | 4.963087 | 403.0266 | 10.00912 |
| #3 | 5.056723 | 4.789455 | 24.60580 | 4.804518 | 4.946453 | 419.7373 | 10.44066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5299360 | 2.483387 | 409.8636 | 15.15609 | 2.510579 | 15.02512 | 415.2882 |
| Stddev | .0100562 | .014018  | 7.7977   | .24653   | .014053  | .29288   | 8.8133   |
| %RSD   | 1.897624 | .5644583 | 1.902511 | 1.626611 | .5597355 | 1.949252 | 2.122213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5297712 | 2.478093 | 410.5125 | 14.88445 | 2.505535 | 15.01377 | 416.3607 |
| #2 | .5199633 | 2.499281 | 401.7617 | 15.36564 | 2.526457 | 14.73807 | 405.9877 |
| #3 | .5400736 | 2.472787 | 417.3166 | 15.21817 | 2.499744 | 15.32350 | 423.5161 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.62066 | 404.6450 | 2.488642 | 1.318841 | 408.6526 | 2.506109 | 14.50518 |
| Stddev | .31655   | 7.6074   | .014006  | .024855  | 8.3492   | .050737  | .20310   |
| %RSD   | 2.165103 | 1.880015 | .5627833 | 1.884616 | 2.043104 | 2.024523 | 1.400202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.59961 | 406.1238 | 2.485323 | 1.290646 | 408.7416 | 2.503628 | 14.28696 |
| #2 | 14.31515 | 396.4067 | 2.504010 | 1.337578 | 400.2592 | 2.456658 | 14.68870 |
| #3 | 14.94721 | 411.4044 | 2.476595 | 1.328301 | 416.9569 | 2.558041 | 14.53987 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.2252 | 5.022167 | 5.115040 | 4.843917 | 5.079949 | 4.952190 | 4.946628 |
| Stddev | 3.2536   | .036026  | .101308  | .021089  | .025518  | .087043  | .037236  |
| %RSD   | 2.123416 | .7173361 | 1.980594 | .4353765 | .5023265 | 1.757668 | .7527630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.4698 | 4.989278 | 5.128025 | 4.836780 | 5.061647 | 4.963806 | 4.927004 |
| #2 | 149.8561 | 5.060670 | 5.007865 | 4.867649 | 5.109098 | 4.859922 | 4.989572 |
| #3 | 156.3495 | 5.016552 | 5.209229 | 4.827323 | 5.069101 | 5.032842 | 4.923307 |



Sample Name: CCV009      Acquired: 10/31/2024 17:30:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV009      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.023047 | 5.257017 | 5.067698 |
| Stddev | .104416  | .104084  | .109576  |
| %RSD   | 2.078740 | 1.979906 | 2.162237 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.020416 | 5.266082 | 5.067319 |
| #2 | 4.919971 | 5.148696 | 4.958313 |
| #3 | 5.128753 | 5.356271 | 5.177463 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 769.4328 | 20521.16 | 2503.911 | 631.7691 | 1406.163 |
| Stddev    | 2.8279   | 294.37   | 45.729   | 7.9551   | 6.911    |
| %RSD      | .3675352 | 1.434490 | 1.826320 | 1.259180 | .4914709 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 771.1464 | 20846.15 | 2493.919 | 640.0630 | 1410.299 |
| #2 | 766.1688 | 20272.39 | 2553.810 | 624.2027 | 1398.185 |
| #3 | 770.9833 | 20444.94 | 2464.004 | 631.0415 | 1410.005 |

Sample Name: CCB009      Acquired: 10/31/2024 17:34:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004080 | -.001259 | .0023759 | .0029164 | -.000682 | .0508028 | -.000323 |
| Stddev | .006062  | .003232  | .0035119 | .0039178 | .002106  | .0142938 | .001355  |
| %RSD   | 148.5655 | 256.6122 | 147.8104 | 134.3335 | 308.8250 | 28.13578 | 419.7466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001920 | -.004686 | .0004828 | .0027869 | -.002483 | .0377804 | .000673  |
| #2 | .000605  | .001734  | .0002168 | .0068974 | -.001198 | .0660961 | -.001866 |
| #3 | -.010927 | -.000826 | .0064281 | -.000935 | .001634  | .0485320 | .000225  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002691 | .0000590 | .0085604 | .0029119 | .0006123 | -.000996 | .0434389 |
| Stddev | .0002444 | .0000757 | .0143679 | .0008483 | .0008204 | .002742  | .0097882 |
| %RSD   | 90.81524 | 128.2426 | 167.8408 | 29.13212 | 133.9771 | 275.3490 | 22.53316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005473 | -.000025 | -.007485 | .0027053 | .0010114 | .002042  | .0321664 |
| #2 | .0000892 | .000122  | .012932  | .0021860 | .0011569 | -.001742 | .0483638 |
| #3 | .0001707 | .000080  | .020235  | .0038445 | -.000331 | -.003287 | .0497865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012264 | -.023374 | .0005625 | -.001044 | .6539761 | -.014454 | .0013192 |
| Stddev | .0011340 | .098094  | .0005282 | .000121  | .4499514 | .004404  | .0000951 |
| %RSD   | 92.47039 | 419.6633 | 93.90735 | 11.64180 | 68.80242 | 30.46574 | 7.206225 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009568 | .052055  | .0002790 | -.001140 | .9727703 | -.010014 | .0012547 |
| #2 | .0024709 | -.134269 | .0011719 | -.001083 | .8498732 | -.018820 | .0012745 |
| #3 | .0002514 | .012090  | .0002366 | -.000907 | .1392848 | -.014529 | .0014284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.352121 | -.002155 | .0070350 | .0003670 | -.025721 | .0009303 | .0018958 |
| Stddev | .047773  | .003221  | .0005362 | .0003936 | .005327  | .0003078 | .0010423 |
| %RSD   | 13.56729 | 149.4937 | 7.622240 | 107.2578 | 20.71294 | 33.08484 | 54.98009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.311378 | -.005392 | .0066689 | .0007818 | -.028174 | .0012533 | .0010060 |
| #2 | -.340286 | -.002121 | .0076505 | -.000001 | -.019608 | .0006404 | .0016389 |
| #3 | -.404700 | .001050  | .0067856 | .000321  | -.029379 | .0008973 | .0030426 |

Sample Name: CCB009      Acquired: 10/31/2024 17:34:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB009      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003249 | .0085718 | .0003308 |
| Stddev | .0032435 | .0030097 | .0000552 |
| %RSD   | 998.3539 | 35.11201 | 16.68499 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0031377 | .0051244 | .0003097 |
| #2 | -.003223 | .0099148 | .0003934 |
| #3 | .001060  | .0106762 | .0002893 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 946.9090 | 22192.75 | 2572.671 | 798.4176 | 1829.795 |
| Stddev    | 1.4579   | 42.74    | 9.097    | 5.1968   | .897     |
| %RSD      | .1539680 | .1925906 | .3536014 | .6508899 | .0490435 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 948.1112 | 22150.65 | 2562.171 | 793.0708 | 1829.731 |
| #2 | 945.2873 | 22236.11 | 2577.661 | 798.7318 | 1828.932 |
| #3 | 947.3284 | 22191.50 | 2578.182 | 803.4502 | 1830.724 |

Sample Name: P4501-01DLX2      Acquired: 10/31/2024 17:39:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.029290 | -.022468 | .0865329 | -.001657 | .0000457 | 52.46369 |
| Stddev | .008095  | .005418  | .0018397 | .015704  | .0040652 | .03172   |
| %RSD   | 27.63551 | 24.11506 | 2.126019 | 947.5283 | 8891.088 | .0604553 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.038565 | -.022688 | .0884955 | .008239  | .0046440 | 52.47285 |
| #2 | -.023647 | -.027773 | .0862554 | .006553  | -.001436 | 52.48982 |
| #3 | -.025660 | -.016944 | .0848477 | -.019765 | -.003071 | 52.42840 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2512273 | .0034530 | .0067463 | 495.3742 | 3.155004 | .3882103 |
| Stddev | .0000489 | .0000759 | .0003046 | 1.2039   | .017135  | .0012598 |
| %RSD   | .0194698 | 2.198686 | 4.515424 | .2430206 | .5431136 | .3245092 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2511774 | .0034374 | .0070723 | 495.8992 | 3.147911 | .3896531 |
| #2 | .2512752 | .0035356 | .0064689 | 496.2264 | 3.174548 | .3873281 |
| #3 | .2512293 | .0033862 | .0066977 | 493.9970 | 3.142555 | .3876498 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1900546 | 211.0307 | 3.977422 | 618.6085 | F 6.335072 | .0016423 |
| Stddev | .0029737 | .4430    | .011669  | 1.5949   | .009079    | .0009784 |
| %RSD   | 1.564671 | .2099326 | .2933929 | .2578223 | .1433174   | 59.57724 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1870634 | 211.3005 | 3.964033 | 619.1271 | 6.340193 | .0009355 |
| #2 | .1900900 | 211.2722 | 3.985432 | 619.8797 | 6.324589 | .0027590 |
| #3 | .1930105 | 210.5194 | 3.982800 | 616.8189 | 6.340434 | .0012323 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.805712 | .3322435 | .4397247 | 3.992488 | 4.915217 | .2920932 |
| Stddev | .162964  | .0140310 | .0015359 | .018918  | .012983  | .0002997 |
| %RSD   | 5.808279 | 4.223098 | .3492748 | .4738371 | .2641425 | .1026145 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.637112 | .3479944 | .4403533 | 3.975902 | 4.930091 | .2917473 |
| #2 | 2.962383 | .3210818 | .4408465 | 4.013093 | 4.909400 | .2922753 |
| #3 | 2.817642 | .3276544 | .4379743 | 3.988469 | 4.906159 | .2922571 |

Sample Name: P4501-01DLX2      Acquired: 10/31/2024 17:39:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005659 | 4.077264 | 2.674125 | .0079596 | 1.575089 | .0567622 |
| Stddev | .0005579 | .026596  | .011976  | .0015319 | .001590  | .0020895 |
| %RSD   | 98.58608 | .6523081 | .4478660 | 19.24591 | .1009353 | 3.681202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006382 | 4.107918 | 2.670619 | .0080155 | 1.576900 | .0563384 |
| #2 | -.000025 | 4.060314 | 2.664294 | .0064005 | 1.574443 | .0590312 |
| #3 | .001084  | 4.063561 | 2.687464 | .0094628 | 1.573923 | .0549171 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .6117538 |
| Stddev | .0009539 |
| %RSD   | .1559285 |

|    |          |
|----|----------|
| #1 | .6108197 |
| #2 | .6117154 |
| #3 | .6127263 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 845.1256 | 21032.55 | 2554.193 | 712.2650 | 1461.038 |
| Stddev    | 1.7857   | 136.69   | 6.350    | 3.8666   | 1.669    |
| %RSD      | .2112963 | .6498852 | .2485965 | .5428585 | .1142079 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 845.7345 | 21091.99 | 2547.691 | 716.6683 | 1459.117 |
| #2 | 843.1151 | 20876.21 | 2554.508 | 709.4244 | 1462.124 |
| #3 | 846.5273 | 21129.46 | 2560.379 | 710.7022 | 1461.873 |

Sample Name: P4501-02DLX2      Acquired: 10/31/2024 17:43:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.049581 | -.029438 | .0656494 | -.004198 | .0016502 | 40.47244 |
| Stddev | .014643  | .002732  | .0035476 | .013995  | .0050921 | .36766   |
| %RSD   | 29.53384 | 9.282151 | 5.403813 | 333.3873 | 308.5750 | .9084179 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.037370 | -.030335 | .0679098 | -.005887 | .0056371 | 40.89657 |
| #2 | -.065816 | -.026370 | .0615606 | .010565  | .0033995 | 40.27629 |
| #3 | -.045559 | -.031610 | .0674778 | -.017271 | -.004086 | 40.24445 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1511213 | .0031907 | .0056842 | 183.5567 | 4.501046 | .4818722 |
| Stddev | .0016264 | .0001248 | .0002950 | 2.0582   | .000508  | .0007226 |
| %RSD   | 1.076233 | 3.910255 | 5.189184 | 1.121265 | .0112783 | .1499651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1529286 | .0032869 | .0055290 | 185.9330 | 4.501392 | .4811010 |
| #2 | .1497755 | .0030497 | .0054993 | 182.3947 | 4.500463 | .4819819 |
| #3 | .1506597 | .0032356 | .0060244 | 182.3423 | 4.501283 | .4825337 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1426925 | 228.2068 | 4.094401 | 773.2491 | F 7.685451 | -.003482 |
| Stddev | .0061604 | 2.7639   | .047953  | 9.2869   | .006536    | .000427  |
| %RSD   | 4.317221 | 1.211126 | 1.171183 | 1.201019 | .0850411   | 12.25188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1463034 | 231.3974 | 4.149178 | 783.9532 | 7.688392 | -.003914 |
| #2 | .1461946 | 226.5480 | 4.074018 | 768.4563 | 7.677962 | -.003470 |
| #3 | .1355794 | 226.6750 | 4.060007 | 767.3378 | 7.690000 | -.003061 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.509511 | .2513053 | .2874097 | 2.212057 | 2.198843 | .3136020 |
| Stddev | .242704  | .0070003 | .0020368 | .066398  | .010278  | .0059428 |
| %RSD   | 9.671379 | 2.785590 | .7086742 | 3.001624 | .4674144 | 1.895005 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.594209 | .2536265 | .2853170 | 2.253157 | 2.194105 | .3197061 |
| #2 | 2.235807 | .2434392 | .2875268 | 2.247558 | 2.191788 | .3078349 |
| #3 | 2.698516 | .2568501 | .2893855 | 2.135456 | 2.210635 | .3132651 |

Sample Name: P4501-02DLX2      Acquired: 10/31/2024 17:43:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001280 | 5.180118 | 2.592701 | .0052392 | 1.331568 | .0307085 |
| Stddev | .0004379 | .007168  | .039025  | .0016722 | .013241  | .0015850 |
| %RSD   | 342.0888 | .1383845 | 1.505177 | 31.91649 | .9943698 | 5.161351 |
| #1     | -.000244 | 5.172297 | 2.637005 | .0070527 | 1.346809 | .0310051 |
| #2     | .000611  | 5.186376 | 2.577679 | .0049063 | 1.324998 | .0321242 |
| #3     | .000017  | 5.181680 | 2.563420 | .0037585 | 1.322897 | .0289962 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3381572 |
| Stddev | .0039178 |
| %RSD   | 1.158571 |
| #1     | .3425433 |
| #2     | .3369238 |
| #3     | .3350046 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 845.1552 | 21122.73 | 2509.872 | 711.4915 | 1503.797 |
| Stddev    | .5491    | 11.70    | 26.833   | 5.3998   | 3.738    |
| %RSD      | .0649728 | .0553725 | 1.069102 | .7589354 | .2486009 |
| #1        | 844.8175 | 21117.92 | 2478.891 | 715.7774 | 1499.792 |
| #2        | 844.8593 | 21136.07 | 2525.011 | 713.2705 | 1507.194 |
| #3        | 845.7888 | 21114.21 | 2525.716 | 705.4267 | 1504.404 |

Sample Name: P4501-03DLX2      Acquired: 10/31/2024 17:48:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.067656 | -.027640 | .0636430 | -.008228 | .0017975 | 42.08234 |
| Stddev | .005839  | .002420  | .0019369 | .006329  | .0032769 | .20800   |
| %RSD   | 8.629693 | 8.755789 | 3.043336 | 76.91693 | 182.3003 | .4942739 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.064010 | -.030124 | .0658461 | -.014040 | .0040424 | 42.08851 |
| #2 | -.074390 | -.025289 | .0622081 | -.001485 | .0033130 | 41.87132 |
| #3 | -.064569 | -.027508 | .0628747 | -.009160 | -.001963 | 42.28719 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1216519 | .0037131 | .0062366 | 379.1124 | 5.897918 | .4067582 |
| Stddev | .0010049 | .0001410 | .0001293 | 2.3224   | .009649  | .0007428 |
| %RSD   | .8260358 | 3.798276 | 2.073068 | .6125880 | .1635938 | .1826090 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1228117 | .0038343 | .0060876 | 379.5673 | 5.886835 | .4067044 |
| #2 | .1211027 | .0035583 | .0063197 | 376.5962 | 5.904444 | .4075264 |
| #3 | .1210412 | .0037467 | .0063024 | 381.1736 | 5.902475 | .4060437 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .0958986 | 234.4185 | 3.326081 | F 821.1914 | F 7.068802 | -.001548 |
| Stddev | .0013424 | 1.3079   | .005756  | 4.1140     | .012617    | .000715  |
| %RSD   | 1.399851 | .5579492 | .1730651 | .5009747   | .1784829   | 46.20607 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0946827 | 235.3908 | 3.326889 | 821.3205 | 7.065599 | -.002372 |
| #2 | .0956739 | 232.9315 | 3.319964 | 817.0144 | 7.082712 | -.001094 |
| #3 | .0973392 | 234.9331 | 3.331391 | 825.2393 | 7.058096 | -.001177 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.216130 | .3101357 | .2357857 | 2.034943 | 1.488150 | .3161146 |
| Stddev | .212944  | .0043319 | .0017371 | .128793  | .002750  | .0010918 |
| %RSD   | 6.621141 | 1.396789 | .7367361 | 6.329090 | .1847948 | .3453981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.421737 | .3055991 | .2377910 | 1.955883 | 1.490069 | .3158119 |
| #2 | 3.230115 | .3142288 | .2348270 | 2.183560 | 1.484999 | .3152061 |
| #3 | 2.996537 | .3105793 | .2347393 | 1.965387 | 1.489382 | .3173259 |



Sample Name: P4501-03DLX2      Acquired: 10/31/2024 17:48:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001508 | 3.293190 | 2.860715 | .0037399 | 1.398164 | .0332888 |
| Stddev | .0006736 | .010913  | .032025  | .0026103 | .004495  | .0028814 |
| %RSD   | 446.6218 | .3313663 | 1.119489 | 69.79481 | .3214970 | 8.655878 |
| #1     | -.000193 | 3.294474 | 2.880462 | .0013780 | 1.401383 | .0355617 |
| #2     | .000927  | 3.303403 | 2.823764 | .0032993 | 1.393029 | .0300480 |
| #3     | -.000282 | 3.281692 | 2.877919 | .0065425 | 1.400081 | .0342566 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .6017048 |
| Stddev | .0020888 |
| %RSD   | .3471466 |
| #1     | .6016849 |
| #2     | .5996260 |
| #3     | .6038035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 829.7513 | 20969.39 | 2525.176 | 695.1616 | 1462.371 |
| Stddev    | .8478    | 92.60    | 15.116   | 3.4821   | 3.823    |
| %RSD      | .1021796 | .4415931 | .5985998 | .5009110 | .2614264 |
| #1        | 829.8446 | 21058.81 | 2510.845 | 694.8691 | 1463.550 |
| #2        | 828.8606 | 20873.91 | 2540.970 | 691.8349 | 1458.097 |
| #3        | 830.5486 | 20975.47 | 2523.715 | 698.7807 | 1465.465 |

Sample Name: P4501-03DL2X5      Acquired: 10/31/2024 17:52:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.026113 | -.010743 | .0219002 | .0038016 | -.000551 | 16.67947 | .0473459 |
| Stddev | .002687  | .004184  | .0059543 | .0023693 | .001544  | .00362   | .0007437 |
| %RSD   | 10.28841 | 38.94679 | 27.18817 | 62.32395 | 280.3677 | .0217024 | 1.570793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.023090 | -.005919 | .0161658 | .0035357 | -.000196 | 16.67845 | .0469456 |
| #2 | -.028229 | -.012924 | .0214825 | .0062926 | .000785  | 16.67647 | .0482040 |
| #3 | -.027019 | -.013386 | .0280523 | .0015764 | -.002242 | 16.68349 | .0468880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016110 | .0021985 | 152.7383 | 2.426184 | .1628431 | .0397933 | 96.68881 |
| Stddev | .0002590 | .0001720 | .3830    | .021038  | .0010636 | .0032585 | .48726   |
| %RSD   | 16.07782 | 7.822600 | .2507810 | .8671402 | .6531352 | 8.188469 | .5039493 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019076 | .0023567 | 152.3698 | 2.449082 | .1621362 | .0431228 | 96.28902 |
| #2 | .0014298 | .0020155 | 153.1344 | 2.421759 | .1623269 | .0366108 | 96.54585 |
| #3 | .0014955 | .0022234 | 152.7107 | 2.407709 | .1640663 | .0396463 | 97.23157 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.361588 | 324.9866 | 2.885399 | .0008691 | 1.821276 | .1117558 | .0918575 |
| Stddev | .001666  | 1.0694   | .003765  | .0004137 | .151289  | .0054077 | .0004481 |
| %RSD   | .1223399 | .3290586 | .1304735 | 47.60116 | 8.306753 | 4.838807 | .4878035 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.360299 | 323.7581 | 2.881875 | .0007873 | 1.772091 | .1141010 | .0917333 |
| #2 | 1.360996 | 325.4922 | 2.889366 | .0013176 | 1.991037 | .1155950 | .0923546 |
| #3 | 1.363468 | 325.7094 | 2.884956 | .0005024 | 1.700699 | .1055715 | .0914847 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4729255 | .5748257 | .1301362 | -.001095 | 1.254634 | 1.220890 | -.000892 |
| Stddev | .0555416 | .0017446 | .0024203 | .000802  | .011775  | .002277  | .002350  |
| %RSD   | 11.74427 | .3034966 | 1.859797 | 73.25466 | .9385238 | .1865269 | 263.5282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4183921 | .5730569 | .1301690 | -.000228 | 1.242600 | 1.218324 | .001369  |
| #2 | .4709610 | .5765450 | .1276997 | -.001248 | 1.266132 | 1.222671 | -.003322 |
| #3 | .5294233 | .5748750 | .1325399 | -.001810 | 1.255169 | 1.221674 | -.000723 |

Sample Name: P4501-03DL2X5      Acquired: 10/31/2024 17:52:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT0      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5703364 | .0184641 | .2422861 |
| Stddev | .0029432 | .0010692 | .0004436 |
| %RSD   | .5160472 | 5.790754 | .1831036 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5681995 | .0188199 | .2421161 |
| #2 | .5691162 | .0193100 | .2419526 |
| #3 | .5736934 | .0172623 | .2427896 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 878.2724 | 21629.52 | 2551.132 | 745.7451 | 1578.170 |
| Stddev    | 2.2862   | 133.54   | 4.288    | 5.1182   | 2.905    |
| %RSD      | .2603073 | .6173893 | .1680814 | .6863160 | .1840593 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 879.7541 | 21525.83 | 2547.615 | 743.0181 | 1580.689 |
| #2 | 879.4237 | 21582.52 | 2555.909 | 742.5678 | 1578.829 |
| #3 | 875.6394 | 21780.20 | 2549.872 | 751.6493 | 1574.993 |

Sample Name: P4501-04DLX2      Acquired: 10/31/2024 17:57:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.018934 | -.033220 | .1080463 | -.004602 | .0029974 | 56.09789 | .2310807 |
| Stddev | .010877  | .003678  | .0036000 | .004227  | .0055215 | .18601   | .0010253 |
| %RSD   | 57.45009 | 11.07066 | 3.331937 | 91.85926 | 184.2119 | .3315896 | .4436907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006488 | -.037103 | .1046915 | -.002646 | -.001924 | 55.92191 | .2300260 |
| #2 | -.023693 | -.029789 | .1118496 | -.001706 | .001948  | 56.07924 | .2320738 |
| #3 | -.026620 | -.032768 | .1075979 | -.009452 | .008968  | 56.29253 | .2311421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039307 | .0060796 | 783.4645 | 2.586571 | .2042193 | .1226339 | 193.4396 |
| Stddev | .0001220 | .0002366 | 2.9818   | .003422  | .0012258 | .0029427 | .1285    |
| %RSD   | 3.104839 | 3.891569 | .3805921 | .1323150 | .6002291 | 2.399538 | .0664261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040052 | .0059509 | 781.1676 | 2.588427 | .2028138 | .1257646 | 193.3852 |
| #2 | .0039970 | .0063527 | 782.3916 | 2.582621 | .2047771 | .1199247 | 193.3473 |
| #3 | .0037898 | .0059353 | 786.8343 | 2.588663 | .2050669 | .1222123 | 193.5864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.496770 | 348.0320 | 3.453429 | .0047616 | 5.456307 | .4378822 | .2583341 |
| Stddev | .007200  | 1.3154   | .006439  | .0001397 | .402569  | .0097079 | .0036902 |
| %RSD   | .2883557 | .3779625 | .1864400 | 2.933726 | 7.378046 | 2.217011 | 1.428446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.490907 | 346.8988 | 3.449094 | .0047796 | 5.507014 | .4473969 | .2554697 |
| #2 | 2.504806 | 347.7227 | 3.460827 | .0048914 | 5.030787 | .4382577 | .2624983 |
| #3 | 2.494599 | 349.4745 | 3.450366 | .0046138 | 5.831120 | .4279920 | .2570343 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.008108 | 2.626175 | .2312215 | .0028575 | 7.853546 | 2.641161 | .0026130 |
| Stddev | .051352  | .021718  | .0022938 | .0003274 | .032072  | .009413  | .0042228 |
| %RSD   | 1.025368 | .8269930 | .9920190 | 11.45674 | .4083803 | .3563821 | 161.6085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.984300 | 2.601461 | .2328926 | .0032056 | 7.824033 | 2.633723 | -.000944 |
| #2 | 4.972981 | 2.642218 | .2321655 | .0025558 | 7.887677 | 2.638017 | .001503  |
| #3 | 5.067042 | 2.634847 | .2286064 | .0028111 | 7.848930 | 2.651743 | .007280  |

Sample Name: P4501-04DLX2      Acquired: 10/31/2024 17:57:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT1      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.577824 | .0605006 | 1.118150 |
| Stddev | .000937  | .0006522 | .002561  |
| %RSD   | .0363325 | 1.078037 | .2290808 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.577443 | .0611195 | 1.115330 |
| #2 | 2.578891 | .0598195 | 1.120334 |
| #3 | 2.577138 | .0605629 | 1.118785 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 858.9952 | 21409.36 | 2579.209 | 730.8839 | 1453.194 |
| Stddev    | .5901    | 35.43    | 8.883    | 5.6412   | 1.755    |
| %RSD      | .0686932 | .1654703 | .3444133 | .7718384 | .1207703 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 859.6425 | 21447.89 | 2582.516 | 736.1637 | 1452.980 |
| #2 | 858.8555 | 21378.19 | 2585.965 | 724.9400 | 1451.556 |
| #3 | 858.4874 | 21402.01 | 2569.147 | 731.5480 | 1455.046 |

Sample Name: P4501-05DLX2      Acquired: 10/31/2024 18:01:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003704 | -.030477 | .0799186 | .0004824 | .0018678 | 71.84947 | .3219293 |
| Stddev | .009277  | .002970  | .0007814 | .0042279 | .0025955 | .14477   | .0006151 |
| %RSD   | 250.4238 | 9.744873 | .9777594 | 876.4266 | 138.9639 | .2014938 | .1910708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009628 | -.030934 | .0807787 | .0053235 | .0043686 | 71.68717 | .3217665 |
| #2 | -.008472 | -.033191 | .0792524 | -.002484 | -.000813 | 71.96533 | .3214119 |
| #3 | .006987  | -.027304 | .0797246 | -.001392 | .002048  | 71.89589 | .3226094 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049952 | .0059127 | 529.6680 | 1.879811 | .1863253 | .1861492 | 206.7439 |
| Stddev | .0002499 | .0001939 | .2342    | .035401  | .0015388 | .0046682 | .2596    |
| %RSD   | 5.002066 | 3.280089 | .0442076 | 1.883214 | .8258416 | 2.507774 | .1255555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052606 | .0061301 | 529.4008 | 1.920626 | .1877039 | .1815024 | 206.6387 |
| #2 | .0049605 | .0057574 | 529.7663 | 1.857448 | .1846653 | .1908385 | 206.5534 |
| #3 | .0047645 | .0058508 | 529.8371 | 1.861359 | .1866067 | .1861066 | 207.0395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.662038 | 189.4599 | 2.193052 | -.001081 | 8.128239 | .5320425 | .3101779 |
| Stddev | .004938  | .3416    | .013578  | .002044  | .186127  | .0072011 | .0044531 |
| %RSD   | .1854830 | .1803191 | .6191503 | 189.0262 | 2.289884 | 1.353479 | 1.435664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.667326 | 189.7686 | 2.200048 | .001084  | 8.326001 | .5384117 | .3153094 |
| #2 | 2.661238 | 189.0928 | 2.177402 | -.002978 | 7.956481 | .5242286 | .3073266 |
| #3 | 2.657549 | 189.5183 | 2.201705 | -.001350 | 8.102235 | .5334873 | .3078979 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.396604 | 2.873036 | .2258294 | .0024733 | 5.385691 | 2.949297 | .0031652 |
| Stddev | .132173  | .011328  | .0005163 | .0006929 | .037924  | .022706  | .0027944 |
| %RSD   | 2.449192 | .3943030 | .2286320 | 28.01622 | .7041564 | .7698902 | 88.28631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.391855 | 2.881520 | .2264138 | .0019590 | 5.412728 | 2.975496 | .0002886 |
| #2 | 5.531087 | 2.860171 | .2256395 | .0021996 | 5.342341 | 2.937081 | .0033375 |
| #3 | 5.266869 | 2.877416 | .2254349 | .0032612 | 5.402005 | 2.935314 | .0058694 |

Sample Name: P4501-05DLX2      Acquired: 10/31/2024 18:01:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.789462 | .0789399 | 1.059023 |
| Stddev | .013079  | .0014911 | .001937  |
| %RSD   | .3451530 | 1.888853 | .1828637 |
| #1     | 3.774390 | .0806315 | 1.057309 |
| #2     | 3.797828 | .0778167 | 1.061124 |
| #3     | 3.796169 | .0783713 | 1.058636 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 897.1156 | 21771.96 | 2641.734 | 747.7218 | 1519.331 |
| Stddev    | 4.3845   | 352.56   | 9.806    | 13.0006  | 9.383    |
| %RSD      | .4887306 | 1.619325 | .3712029 | 1.738693 | .6175555 |
| #1        | 892.7448 | 21367.01 | 2630.936 | 732.8446 | 1512.021 |
| #2        | 901.5136 | 22010.58 | 2650.084 | 753.4236 | 1529.911 |
| #3        | 897.0885 | 21938.31 | 2644.183 | 756.8972 | 1516.062 |

Sample Name: P4501-06DLX2      Acquired: 10/31/2024 18:06:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.028656 | -.034368 | .0574468 | .0054011 | -.001802 | 76.57142 | .3360201 |
| Stddev | .005643  | .004979  | .0058791 | .0056438 | .003009  | 1.68626  | .0065680 |
| %RSD   | 19.69351 | 14.48735 | 10.23396 | 104.4927 | 166.9403 | 2.202212 | 1.954652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.027468 | -.040097 | .0642259 | .0004246 | .000957  | 75.92499 | .3331965 |
| #2 | -.023701 | -.031082 | .0543682 | .0115333 | -.005010 | 75.30401 | .3313360 |
| #3 | -.034798 | -.031927 | .0537463 | .0042454 | -.001353 | 78.48526 | .3435278 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056826 | .0059983 | 293.2215 | 1.992924 | .1951769 | .2144690 | 236.0960 |
| Stddev | .0005162 | .0002753 | 5.9481   | .004797  | .0008477 | .0101140 | 4.9170   |
| %RSD   | 9.083359 | 4.590069 | 2.028542 | .2406826 | .4343164 | 4.715835 | 2.082646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052905 | .0063069 | 290.6742 | 1.994529 | .1959119 | .2152967 | 234.2317 |
| #2 | .0054900 | .0057776 | 288.9713 | 1.987531 | .1953694 | .2039665 | 232.3837 |
| #3 | .0062674 | .0059106 | 300.0191 | 1.996713 | .1942496 | .2241437 | 241.6726 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.504213 | 180.9397 | 2.375488 | -.010844 | 9.172982 | .6092887 | .3191097 |
| Stddev | .058010  | 3.9534   | .004707  | .000579  | .389117  | .0130219 | .0033338 |
| %RSD   | 2.316486 | 2.184931 | .1981461 | 5.337219 | 4.241989 | 2.137238 | 1.044707 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.479217 | 179.4059 | 2.380755 | -.010197 | 9.321258 | .6033646 | .3208505 |
| #2 | 2.462891 | 177.9830 | 2.374015 | -.011026 | 8.731526 | .6002820 | .3212128 |
| #3 | 2.570530 | 185.4302 | 2.371693 | -.011311 | 9.466163 | .6242194 | .3152659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.686286 | 3.011532 | .2479897 | .0036018 | 15.68879 | 3.776485 | -.000040 |
| Stddev | .239649  | .014376  | .0049787 | .0006070 | .02970   | .072037  | .001391  |
| %RSD   | 5.113832 | .4773584 | 2.007642 | 16.85371 | .1893018 | 1.907512 | 3484.616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.510562 | 2.996010 | .2467682 | .0032867 | 15.71888 | 3.734669 | -.000803 |
| #2 | 4.589020 | 3.024389 | .2437354 | .0032171 | 15.68800 | 3.735121 | -.000882 |
| #3 | 4.959276 | 3.014198 | .2534655 | .0043016 | 15.65950 | 3.859666 | .001565  |



Sample Name: P4501-06DLX2      Acquired: 10/31/2024 18:06:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT3      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.115474 | .0916138 | .5598299 |
| Stddev | .065086  | .0030833 | .0114086 |
| %RSD   | 2.089115 | 3.365544 | 2.037878 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.091129 | .0911451 | .5552689 |
| #2 | 3.066070 | .0887917 | .5514073 |
| #3 | 3.189223 | .0949046 | .5728134 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 917.0172 | 22583.59 | 2659.410 | 776.5805 | 1565.963 |
| Stddev    | 1.3766   | 57.02    | 44.570   | 4.1426   | 2.949    |
| %RSD      | .1501166 | .2524809 | 1.675939 | .5334475 | .1883199 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 915.4375 | 22532.34 | 2680.924 | 773.4889 | 1562.637 |
| #2 | 917.6548 | 22645.01 | 2689.143 | 774.9651 | 1566.991 |
| #3 | 917.9595 | 22573.41 | 2608.164 | 781.2875 | 1568.260 |

Sample Name: P4501-07DLX2      Acquired: 10/31/2024 18:10:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.034983 | -.033417 | .1433453 | -.000404 | .0003776 | 84.01263 | .4934265 |
| Stddev | .011170  | .004082  | .0049772 | .002868  | .0012680 | .43922   | .0018572 |
| %RSD   | 31.92902 | 12.21627 | 3.472158 | 709.6095 | 335.7978 | .5227978 | .3763946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.046887 | -.037472 | .1420310 | .000636  | .0008420 | 84.50950 | .4955686 |
| #2 | -.024732 | -.033469 | .1391572 | -.003648 | -.001057 | 83.67616 | .4922674 |
| #3 | -.033331 | -.029308 | .1488478 | .001799  | .001348  | 83.85224 | .4924435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052242 | .0059789 | 404.0658 | 2.015669 | .2342457 | .2377259 | 224.3992 |
| Stddev | .0005193 | .0002400 | 2.0113   | .009486  | .0012694 | .0071063 | 1.3604   |
| %RSD   | 9.940776 | 4.014772 | .4977646 | .4706010 | .5419055 | 2.989282 | .6062241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058167 | .0057031 | 406.2133 | 2.025371 | .2336275 | .2452014 | 225.9307 |
| #2 | .0048476 | .0060921 | 402.2262 | 2.006416 | .2357057 | .2369184 | 223.3309 |
| #3 | .0050084 | .0061413 | 403.7580 | 2.015220 | .2334038 | .2310578 | 223.9361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.480934 | 216.0792 | 2.967467 | -.006386 | 8.888659 | .4452237 | .6568010 |
| Stddev | .017633  | 1.0899   | .002096  | .000807  | .249396  | .0103480 | .0035025 |
| %RSD   | .5065578 | .5044111 | .0706276 | 12.64122 | 2.805778 | 2.324219 | .5332701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.500167 | 217.3274 | 2.965050 | -.005658 | 8.908859 | .4472781 | .6551710 |
| #2 | 3.477105 | 215.3159 | 2.968565 | -.007255 | 9.127341 | .4340026 | .6544105 |
| #3 | 3.465530 | 215.5943 | 2.968785 | -.006246 | 8.629777 | .4543904 | .6608214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.767075 | 6.935052 | .2365714 | -.000716 | 10.22998 | 3.978607 | .0099336 |
| Stddev | .185993  | .020353  | .0019762 | .000593  | .02518   | .023034  | .0018082 |
| %RSD   | 2.748506 | .2934814 | .8353424 | 82.82692 | .2461748 | .5789399 | 18.20326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.745220 | 6.917784 | .2387568 | -.000895 | 10.20706 | 4.001364 | .0102562 |
| #2 | 6.592975 | 6.929879 | .2349100 | -.001200 | 10.22593 | 3.955306 | .0115588 |
| #3 | 6.963031 | 6.957492 | .2360474 | -.000054 | 10.25694 | 3.979152 | .0079857 |

Sample Name: P4501-07DLX2      Acquired: 10/31/2024 18:10:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT4      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.372430 | .0542115 | 1.479331 |
| Stddev | .016985  | .0015281 | .006238  |
| %RSD   | .3884477 | 2.818691 | .4217077 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.391977 | .0558894 | 1.486484 |
| #2 | 4.361275 | .0528999 | 1.475012 |
| #3 | 4.364038 | .0538451 | 1.476498 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 899.7211 | 22171.05 | 2638.138 | 760.6775 | 1537.323 |
| Stddev    | 1.3549   | 116.19   | 15.751   | 7.5693   | 2.851    |
| %RSD      | .1505940 | .5240537 | .5970569 | .9950743 | .1854429 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 901.2484 | 22049.86 | 2621.277 | 758.6026 | 1540.149 |
| #2 | 899.2515 | 22281.49 | 2652.475 | 769.0678 | 1534.448 |
| #3 | 898.6635 | 22181.80 | 2640.662 | 754.3619 | 1537.373 |

Sample Name: P4501-08DLX5      Acquired: 10/31/2024 18:14:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000466 | -.008378 | .0853203 | .0011125 | .0002679 | 14.97472 | .0541046 |
| Stddev | .001992  | .002370  | .0007066 | .0057324 | .0027543 | .06649   | .0009183 |
| %RSD   | 427.9341 | 28.28830 | .8281659 | 515.2697 | 1028.042 | .4439986 | 1.697365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002756 | -.009129 | .0850352 | -.004856 | -.002701 | 14.99157 | .0536992 |
| #2 | .000871  | -.010282 | .0861249 | .001619  | .000766  | 15.03116 | .0551558 |
| #3 | .000488  | -.005724 | .0848008 | .006575  | .002739  | 14.90143 | .0534587 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011139 | .0023887 | 468.7391 | 1.846359 | .0300083 | .0838996 | 42.20083 |
| Stddev | .0001126 | .0001639 | 1.8806   | .005777  | .0004474 | .0023182 | .26400   |
| %RSD   | 10.11057 | 6.859801 | .4012130 | .3129042 | 1.490930 | 2.763006 | .6255777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011414 | .0024423 | 468.6964 | 1.839973 | .0303645 | .0846772 | 42.07097 |
| #2 | .0009900 | .0025189 | 470.6407 | 1.847883 | .0301542 | .0857289 | 42.50461 |
| #3 | .0012101 | .0022047 | 466.8801 | 1.851222 | .0295061 | .0812926 | 42.02692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6068566 | 32.67493 | .3781614 | .0088803 | 1.778828 | .2799919 | .2446760 |
| Stddev | .0015877 | .10781   | .0005414 | .0004244 | .289436  | .0134269 | .0010255 |
| %RSD   | .2616321 | .3299480 | .1431776 | 4.778933 | 16.27119 | 4.795447 | .4191285 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6053187 | 32.55196 | .3787726 | .0090169 | 1.789280 | .2954774 | .2440935 |
| #2 | .6084898 | 32.71967 | .3779695 | .0084044 | 2.062896 | .2729049 | .2440745 |
| #3 | .6067612 | 32.75317 | .3777420 | .0092195 | 1.484307 | .2715933 | .2458601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.373996 | 1.331967 | .0529063 | -.000577 | 1.436602 | 1.466583 | -.000765 |
| Stddev | .179906  | .006283  | .0000619 | .000924  | .014915  | .009594  | .002831  |
| %RSD   | 13.09361 | .4717186 | .1170726 | 160.1741 | 1.038215 | .6541803 | 370.2030 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.196870 | 1.339182 | .0528350 | .000397  | 1.449994 | 1.455551 | -.002663 |
| #2 | 1.556558 | 1.327696 | .0529471 | -.001441 | 1.439285 | 1.472976 | .002489  |
| #3 | 1.368562 | 1.329024 | .0529368 | -.000687 | 1.420528 | 1.471221 | -.002120 |

Sample Name: P4501-08DLX5      Acquired: 10/31/2024 18:14:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT5      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5097997 | .0239459 | .6133910 |
| Stddev | .0024689 | .0009411 | .0010972 |
| %RSD   | .4842891 | 3.930137 | .1788686 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5124247 | .0230076 | .6126973 |
| #2 | .5075241 | .0248898 | .6146559 |
| #3 | .5094502 | .0239403 | .6128198 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 886.7460 | 21665.23 | 2571.268 | 751.9271 | 1582.311 |
| Stddev    | 2.2970   | 18.54    | 9.630    | 1.2498   | 2.721    |
| %RSD      | .2590385 | .0855755 | .3745333 | .1662177 | .1719923 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 889.3828 | 21682.33 | 2579.652 | 751.3468 | 1583.247 |
| #2 | 885.1791 | 21667.83 | 2560.750 | 751.0729 | 1579.246 |
| #3 | 885.6762 | 21645.53 | 2573.402 | 753.3616 | 1584.442 |

Sample Name: P4501-09DLX5      Acquired: 10/31/2024 18:24:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079269 | -.011028 | .0078640 | .0014346 | -.002762 | 21.75554 | .1254852 |
| Stddev | .0048776 | .001911  | .0038949 | .0043022 | .005123  | .02197   | .0002335 |
| %RSD   | 61.53199 | 17.32451 | 49.52871 | 299.8881 | 185.4510 | .1009914 | .1860701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091844 | -.011264 | .0122788 | .0054773 | -.008666 | 21.73027 | .1252221 |
| #2 | .0025437 | -.009011 | .0049129 | -.003087 | .000504  | 21.77013 | .1255660 |
| #3 | .0120525 | -.012810 | .0064004 | .001913  | -.000124 | 21.76622 | .1256676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014271 | .0014757 | 573.3142 | .2281979 | .0256675 | .0399795 | 44.68793 |
| Stddev | .0001893 | .0000801 | .6867    | .0012676 | .0006131 | .0036039 | .12647   |
| %RSD   | 13.26318 | 5.427913 | .1197687 | .5554826 | 2.388655 | 9.014483 | .2829991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015635 | .0015240 | 572.5675 | .2276594 | .0263523 | .0402826 | 44.58665 |
| #2 | .0015068 | .0015198 | 573.9186 | .2272885 | .0254810 | .0434223 | 44.82967 |
| #3 | .0012110 | .0013832 | 573.4565 | .2296459 | .0251694 | .0362336 | 44.64746 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9816995 | 36.89957 | .2009828 | .0109788 | 1.339852 | .2785575 | .0681223 |
| Stddev | .0059685 | .06064   | .0012015 | .0004791 | .327969  | .0045780 | .0004492 |
| %RSD   | .6079714 | .1643397 | .5978308 | 4.363689 | 24.47799 | 1.643474 | .6594345 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9757524 | 36.95952 | .2022890 | .0106155 | 1.180409 | .2800289 | .0678256 |
| #2 | .9876891 | 36.90093 | .2007348 | .0107991 | 1.717058 | .2734247 | .0686392 |
| #3 | .9816571 | 36.83826 | .1999247 | .0115217 | 1.122089 | .2822190 | .0679022 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.532126 | 1.007517 | .0483474 | -.000324 | 1.074483 | 1.134329 | -.005836 |
| Stddev | .060121  | .007852  | .0009212 | .000525  | .004802  | .009767  | .003885  |
| %RSD   | 3.924009 | .7793044 | 1.905383 | 161.8664 | .4469426 | .8610033 | 66.57114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.465662 | 1.004320 | .0476918 | .000166  | 1.080012 | 1.136834 | -.001353 |
| #2 | 1.547996 | 1.001769 | .0479498 | -.000261 | 1.071355 | 1.142600 | -.007932 |
| #3 | 1.582720 | 1.016463 | .0494007 | -.000878 | 1.072080 | 1.123554 | -.008222 |

Sample Name: P4501-09DLX5      Acquired: 10/31/2024 18:24:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT6      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.143237 | .0348277 | .8745050 |
| Stddev | .005221  | .0016919 | .0012518 |
| %RSD   | .4567248 | 4.857758 | .1431379 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.142976 | .0351751 | .8733333 |
| #2 | 1.138151 | .0329891 | .8758238 |
| #3 | 1.148585 | .0363189 | .8743580 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 890.5870 | 21543.65 | 2576.344 | 756.8233 | 1563.379 |
| Stddev    | 1.4070   | 59.80    | 6.690    | 2.8391   | 3.006    |
| %RSD      | .1579815 | .2775731 | .2596762 | .3751313 | .1922899 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 889.2881 | 21594.20 | 2571.282 | 758.8180 | 1560.129 |
| #2 | 890.3913 | 21559.12 | 2573.821 | 758.0790 | 1563.948 |
| #3 | 892.0815 | 21477.64 | 2583.929 | 753.5729 | 1566.060 |

Sample Name: P4501-10DLX2      Acquired: 10/31/2024 18:29:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011135 | -.023558 | .0361505 | -.003655 | .0015863 | 65.51694 | .2165307 |
| Stddev | .002714  | .006302  | .0020540 | .003977  | .0031597 | 3.49071  | .0117530 |
| %RSD   | 24.37462 | 26.75028 | 5.681898 | 108.7899 | 199.1904 | 5.327945 | 5.427877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009396 | -.016899 | .0384368 | -.007065 | .0021573 | 61.62770 | .2035926 |
| #2 | -.009746 | -.024347 | .0344609 | -.004615 | .0044216 | 68.37830 | .2265478 |
| #3 | -.014262 | -.029428 | .0355539 | .000713  | -.001820 | 66.54481 | .2194516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040238 | .0041818 | 622.3797 | .8992370 | .0880533 | .1016454 | 163.1438 |
| Stddev | .0001467 | .0005337 | 31.8553  | .0022925 | .0005391 | .0025305 | 8.5770   |
| %RSD   | 3.645143 | 12.76201 | 5.118307 | .2549368 | .6122601 | 2.489524 | 5.257308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040460 | .0046489 | 586.9507 | .8968021 | .0877603 | .0998717 | 153.5582 |
| #2 | .0038673 | .0036001 | 648.6586 | .9013538 | .0886755 | .1045432 | 170.0935 |
| #3 | .0041582 | .0042963 | 631.5299 | .8995552 | .0877242 | .1005213 | 165.7796 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.975993 | 122.8055 | .6679006 | .0016967 | 2.789815 | .5828619 | .2281839 |
| Stddev | .100829  | 6.6018   | .0018929 | .0010589 | .125501  | .0252914 | .0012160 |
| %RSD   | 5.102690 | 5.375782 | .2834030 | 62.40779 | 4.498551 | 4.339166 | .5328901 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.864136 | 115.4789 | .6698074 | .0025062 | 2.781113 | .5611110 | .2295019 |
| #2 | 2.059894 | 128.2920 | .6678724 | .0004984 | 2.919441 | .6106141 | .2271057 |
| #3 | 2.003949 | 124.6457 | .6660220 | .0020856 | 2.668891 | .5768604 | .2279440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.210361 | 2.972850 | .1672883 | .0007900 | 8.531550 | 3.144142 | -.001371 |
| Stddev | .333842  | .008014  | .0099582 | .0004949 | .021569  | .121075  | .003360  |
| %RSD   | 7.929048 | .2695722 | 5.952694 | 62.64468 | .2528158 | 3.850812 | 245.0817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.825321 | 2.964812 | .1558568 | .0009314 | 8.549977 | 3.006197 | .002407  |
| #2 | 4.418949 | 2.972898 | .1740794 | .0011987 | 8.507826 | 3.232801 | -.002494 |
| #3 | 4.386814 | 2.980839 | .1719287 | .0002398 | 8.536847 | 3.193428 | -.004024 |



Sample Name: P4501-10DLX2      Acquired: 10/31/2024 18:29:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT7      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.931761 | .1152616 | .9751308 |
| Stddev | .205010  | .0047742 | .0524521 |
| %RSD   | 5.214210 | 4.142066 | 5.378982 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.702251 | .1097844 | .9171311 |
| #2 | 4.096745 | .1185422 | 1.019239 |
| #3 | 3.996288 | .1174581 | .989023  |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 896.2602 | 22014.54 | 2660.379 | 764.2824 | 1516.431 |
| Stddev    | 3.5812   | 26.97    | 99.134   | 4.0291   | 2.105    |
| %RSD      | .3995760 | .1225259 | 3.726296 | .5271790 | .1387915 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 893.0157 | 22018.70 | 2772.572 | 760.4021 | 1516.590 |
| #2 | 895.6620 | 22039.19 | 2584.609 | 768.4455 | 1514.251 |
| #3 | 900.1028 | 21985.73 | 2623.955 | 763.9996 | 1518.452 |

Sample Name: P4501-11DLX2      Acquired: 10/31/2024 18:33:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0130484 | -.025446 | .1247798 | -.006345 | .0006733 | 61.85799 | .8348095 |
| Stddev | .0062843 | .004035  | .0056343 | .006708  | .0019340 | .11156   | .0011943 |
| %RSD   | 48.16155 | 15.85567 | 4.515395 | 105.7242 | 287.2422 | .1803436 | .1430583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089264 | -.029831 | .1249296 | .001229  | .0019384 | 61.75167 | .8342686 |
| #2 | .0202814 | -.021891 | .1303378 | -.008725 | -.001553 | 61.97413 | .8339814 |
| #3 | .0099375 | -.024615 | .1190722 | -.011537 | .001635  | 61.84816 | .8361785 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045969 | .0051629 | 572.0934 | .9261039 | .1372009 | .2371305 | 162.6547 |
| Stddev | .0002023 | .0000653 | 1.7350   | .0014842 | .0011355 | .0032722 | .3510    |
| %RSD   | 4.399871 | 1.265329 | .3032715 | .1602574 | .8276545 | 1.379903 | .2157898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047458 | .0052381 | 571.0535 | .9251103 | .1359012 | .2333582 | 162.5048 |
| #2 | .0043666 | .0051195 | 574.0963 | .9278099 | .1380011 | .2392025 | 163.0557 |
| #3 | .0046782 | .0051312 | 571.1303 | .9253914 | .1377004 | .2388308 | 162.4034 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.462268 | 128.7847 | 1.368506 | -.000042 | 3.762075 | .4515465 | .5312983 |
| Stddev | .009505  | .6661    | .000924  | .000416  | .276575  | .0156392 | .0018877 |
| %RSD   | .3860077 | .5172404 | .0675044 | 994.5650 | 7.351667 | 3.463474 | .3553061 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.451415 | 128.2931 | 1.367781 | .000370  | 4.078168 | .4636855 | .5295028 |
| #2 | 2.466283 | 129.5428 | 1.369547 | -.000034 | 3.564561 | .4338983 | .5311255 |
| #3 | 2.469107 | 128.5182 | 1.368192 | -.000461 | 3.643495 | .4570558 | .5332664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.07368 | 5.371017 | .1724952 | .0032780 | 25.95626 | 3.648402 | .0209922 |
| Stddev | .12972   | .008743  | .0006243 | .0001468 | .08520   | .019911  | .0003159 |
| %RSD   | 1.287744 | .1627811 | .3619096 | 4.478786 | .3282449 | .5457428 | 1.504657 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.99863  | 5.380636 | .1729356 | .0032282 | 25.92194 | 3.630199 | .0210570 |
| #2 | 10.22347 | 5.363554 | .1727693 | .0031626 | 25.89358 | 3.669666 | .0206490 |
| #3 | 9.99894  | 5.368859 | .1717808 | .0034433 | 26.05327 | 3.645340 | .0212707 |

Sample Name: P4501-11DLX2      Acquired: 10/31/2024 18:33:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT8      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.281666 | .0584375 | 1.209834 |
| Stddev | .006013  | .0004722 | .003382  |
| %RSD   | .4691308 | .8080227 | .2795524 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.278428 | .0584159 | 1.206756 |
| #2 | 1.288603 | .0579764 | 1.213455 |
| #3 | 1.277965 | .0589201 | 1.209290 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 903.0613 | 22032.24 | 2661.359 | 764.6637 | 1515.090 |
| Stddev    | .4551    | 57.43    | 11.870   | 3.2451   | .871     |
| %RSD      | .0503991 | .2606690 | .4460058 | .4243891 | .0575162 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 902.5382 | 21973.30 | 2663.728 | 763.4223 | 1515.855 |
| #2 | 903.2791 | 22035.39 | 2648.483 | 768.3463 | 1514.141 |
| #3 | 903.3667 | 22088.03 | 2671.866 | 762.2226 | 1515.273 |

Sample Name: P4501-12DLX2      Acquired: 10/31/2024 18:38:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.015789 | -.030937 | .1036568 | -.006416 | .0020817 | 80.65241 | .3658601 |
| Stddev | .005805  | .000203  | .0062215 | .006018  | .0029397 | .31177   | .0008797 |
| %RSD   | 36.76564 | .6573379 | 6.001983 | 93.80787 | 141.2177 | .3865573 | .2404391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.021941 | -.030965 | .1010354 | .000074  | -.001285 | 80.31838 | .3657533 |
| #2 | -.015020 | -.031125 | .0991750 | -.007507 | .004139  | 80.70318 | .3650387 |
| #3 | -.010407 | -.030721 | .1107599 | -.011814 | .003391  | 80.93569 | .3667883 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057038 | .0074046 | 519.8002 | .9864493 | .1602014 | .2501754 | 230.9092 |
| Stddev | .0000800 | .0002444 | 1.6079   | .0012034 | .0002808 | .0008291 | .5759    |
| %RSD   | 1.402286 | 3.300721 | .3093269 | .1219954 | .1752802 | .3314239 | .2493870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056190 | .0072248 | 518.0394 | .9854181 | .1603051 | .2496330 | 230.4093 |
| #2 | .0057144 | .0076829 | 520.1707 | .9861582 | .1604156 | .2497634 | 230.7795 |
| #3 | .0057779 | .0073062 | 521.1905 | .9877716 | .1598835 | .2511299 | 231.5388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.888931 | 118.3187 | 1.222954 | -.007977 | 3.976665 | .6371152 | .8701676 |
| Stddev | .006085  | .3479    | .003471  | .000264  | .470985  | .0163947 | .0064830 |
| %RSD   | .2106349 | .2940527 | .2838081 | 3.304770 | 11.84372 | 2.573275 | .7450287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.882004 | 118.0269 | 1.222304 | -.008166 | 4.127859 | .6181891 | .8636436 |
| #2 | 2.893415 | 118.2255 | 1.226703 | -.007676 | 3.448650 | .6469546 | .8766088 |
| #3 | 2.891373 | 118.7038 | 1.219853 | -.008088 | 4.353486 | .6462017 | .8702502 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.80252 | 4.809762 | .2351800 | .0025422 | 25.80236 | 2.675968 | .0156057 |
| Stddev | .19267   | .009659  | .0009823 | .0006184 | .11007   | .000480  | .0021213 |
| %RSD   | 1.783578 | .2008210 | .4176657 | 24.32623 | .4265849 | .0179554 | 13.59290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.60248 | 4.818376 | .2340487 | .0022100 | 25.81478 | 2.676465 | .0135088 |
| #2 | 10.81821 | 4.811590 | .2356746 | .0021609 | 25.90570 | 2.675507 | .0177505 |
| #3 | 10.98686 | 4.799319 | .2358166 | .0032558 | 25.68662 | 2.675932 | .0155576 |

Sample Name: P4501-12DLX2      Acquired: 10/31/2024 18:38:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCT9      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.011270 | .1085444 | .8854926 |
| Stddev | .005245  | .0016899 | .0020760 |
| %RSD   | .2607905 | 1.556886 | .2344516 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.005376 | .1065934 | .8831085 |
| #2 | 2.015424 | .1095525 | .8864677 |
| #3 | 2.013011 | .1094874 | .8869015 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 921.6827 | 22638.46 | 2707.206 | 783.4398 | 1529.374 |
| Stddev    | 1.5040   | 55.91    | 2.815    | 5.3435   | 4.443    |
| %RSD      | .1631754 | .2469797 | .1039886 | .6820534 | .2904950 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 920.4854 | 22702.97 | 2710.441 | 787.1878 | 1529.448 |
| #2 | 921.1919 | 22603.95 | 2705.861 | 777.3212 | 1524.894 |
| #3 | 923.3707 | 22608.45 | 2705.314 | 785.8105 | 1533.779 |

Sample Name: P4501-13DLX2      Acquired: 10/31/2024 18:42:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009111 | -.030199 | .0815534 | -.007289 | .0001644 | 76.14590 | .3259087 |
| Stddev | .002759  | .004080  | .0053432 | .002203  | .0048215 | .09166   | .0014402 |
| %RSD   | 30.28156 | 13.51125 | 6.551740 | 30.21971 | 2932.505 | .1203724 | .4419158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007631 | -.032329 | .0771816 | -.009720 | -.003031 | 76.13010 | .3254738 |
| #2 | -.012295 | -.025495 | .0799690 | -.005424 | -.002186 | 76.06317 | .3247360 |
| #3 | -.007408 | -.032774 | .0875096 | -.006724 | .005710  | 76.24443 | .3275162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052956 | .0061111 | 572.3208 | 1.000398 | .1498394 | .2062104 | 209.8824 |
| Stddev | .0002638 | .0005544 | .3151    | .003100  | .0003918 | .0031379 | .0540    |
| %RSD   | 4.982184 | 9.072728 | .0550582 | .3099022 | .2614566 | 1.521711 | .0257410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054046 | .0060198 | 572.6411 | 1.003968 | .1502764 | .2081920 | 209.8356 |
| #2 | .0049947 | .0056079 | 572.3101 | .998843  | .1495195 | .2025925 | 209.8701 |
| #3 | .0054874 | .0067055 | 572.0112 | .998384  | .1497224 | .2078467 | 209.9415 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.422154 | 105.2094 | 1.190345 | -.004253 | 4.121345 | .5557260 | .7288651 |
| Stddev | .008989  | .0273    | .001378  | .000850  | .156478  | .0202424 | .0033618 |
| %RSD   | .3711282 | .0259932 | .1157399 | 19.99401 | 3.796772 | 3.642517 | .4612354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.416831 | 105.2259 | 1.191074 | -.003435 | 4.194373 | .5459827 | .7279124 |
| #2 | 2.417097 | 105.1778 | 1.188756 | -.005133 | 4.227958 | .5421978 | .7326004 |
| #3 | 2.432532 | 105.2245 | 1.191205 | -.004190 | 3.941703 | .5789976 | .7260825 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.154836 | 3.611948 | .2202758 | .0013113 | 42.13416 | 3.085416 | .0135115 |
| Stddev | .084407  | .006597  | .0015248 | .0010763 | .07176   | .013535  | .0013092 |
| %RSD   | .9219903 | .1826484 | .6922354 | 82.07559 | .1703045 | .4386838 | 9.689706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.063259 | 3.607543 | .2209569 | .0008351 | 42.09468 | 3.070534 | .0134520 |
| #2 | 9.229516 | 3.619533 | .2213415 | .0005554 | 42.09080 | 3.096993 | .0148495 |
| #3 | 9.171733 | 3.608769 | .2185292 | .0025435 | 42.21698 | 3.088720 | .0122330 |

Sample Name: P4501-13DLX2      Acquired: 10/31/2024 18:42:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.302091 | .0878337 | .8433862 |
| Stddev | .002591  | .0009827 | .0016940 |
| %RSD   | .1125443 | 1.118870 | .2008593 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.304612 | .0884171 | .8419553 |
| #2 | 2.302224 | .0883848 | .8429467 |
| #3 | 2.299436 | .0866990 | .8452567 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 915.8923 | 22378.50 | 2684.049 | 781.1640 | 1531.230 |
| Stddev    | 1.2600   | 84.73    | 1.595    | .9510    | 2.255    |
| %RSD      | .1375672 | .3786047 | .0594267 | .1217390 | .1472844 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 915.0813 | 22281.09 | 2685.679 | 780.2939 | 1528.848 |
| #2 | 915.2518 | 22435.04 | 2682.491 | 782.1792 | 1533.332 |
| #3 | 917.3439 | 22419.38 | 2683.978 | 781.0188 | 1531.509 |

Sample Name: P4501-14DLX2      Acquired: 10/31/2024 18:46:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.013346 | -.034983 | .0793740 | -.007350 | .0040421 | 78.47321 | .3369677 |
| Stddev | .003455  | .001930  | .0026539 | .007763  | .0030469 | .21081   | .0010634 |
| %RSD   | 25.88928 | 5.515716 | 3.343485 | 105.6197 | 75.37957 | .2686363 | .3155831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.012215 | -.036109 | .0824296 | -.011888 | .0020796 | 78.24952 | .3364699 |
| #2 | -.017225 | -.036085 | .0776446 | .001614  | .0075522 | 78.50192 | .3362445 |
| #3 | -.010598 | -.032755 | .0780479 | -.011776 | .0024945 | 78.66819 | .3381887 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055793 | .0066405 | 581.7718 | 1.101083 | .1571706 | .2172460 | 219.8353 |
| Stddev | .0003885 | .0002173 | 1.0488   | .029902  | .0012381 | .0074072 | .1826    |
| %RSD   | 6.962977 | 3.271656 | .1802777 | 2.715686 | .7877341 | 3.409573 | .0830758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059349 | .0066156 | 580.7901 | 1.135550 | .1565856 | .2168386 | 219.6293 |
| #2 | .0056382 | .0064368 | 581.6485 | 1.082077 | .1563335 | .2100510 | 219.9774 |
| #3 | .0051647 | .0068691 | 582.8768 | 1.085621 | .1585928 | .2248485 | 219.8991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.656983 | 111.5118 | 1.264856 | -.004213 | 4.403080 | .5685984 | .7107620 |
| Stddev | .012951  | .2607    | .000725  | .002514  | .206443  | .0137767 | .0263419 |
| %RSD   | .4874264 | .2338001 | .0573483 | 59.68892 | 4.688594 | 2.422914 | 3.706156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.646265 | 111.3470 | 1.264849 | -.001353 | 4.166342 | .5566587 | .7411789 |
| #2 | 2.653311 | 111.3760 | 1.264134 | -.006076 | 4.545635 | .5654644 | .6954634 |
| #3 | 2.671374 | 111.8124 | 1.265585 | -.005208 | 4.497262 | .5836720 | .6956437 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.131375 | 3.847564 | .2292695 | .0008224 | 40.20843 | 2.737531 | .0143373 |
| Stddev | .040719  | .016622  | .0024859 | .0002591 | .03317   | .005191  | .0032334 |
| %RSD   | .4459286 | .4320255 | 1.084257 | 31.50941 | .0824846 | .1896329 | 22.55212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.088808 | 3.839740 | .2271516 | .0006715 | 40.18502 | 2.732334 | .0141449 |
| #2 | 9.135365 | 3.866655 | .2320064 | .0006740 | 40.24639 | 2.742717 | .0176626 |
| #3 | 9.169953 | 3.836298 | .2286506 | .0011216 | 40.19390 | 2.737541 | .0112045 |



Sample Name: P4501-14DLX2      Acquired: 10/31/2024 18:46:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.340939 | .0939028 | .8487313 |
| Stddev | .010816  | .0004282 | .0019386 |
| %RSD   | .4620580 | .4559803 | .2284134 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.328660 | .0942013 | .8469444 |
| #2 | 2.345096 | .0940949 | .8484571 |
| #3 | 2.349059 | .0934122 | .8507924 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 917.1744 | 22140.19 | 2704.871 | 766.9390 | 1527.183 |
| Stddev    | 2.5623   | 561.35   | 7.997    | 24.9726  | 1.282    |
| %RSD      | .2793649 | 2.535426 | .2956588 | 3.256140 | .0839299 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 919.9835 | 21492.05 | 2710.186 | 738.1274 | 1528.529 |
| #2 | 914.9656 | 22457.29 | 2708.754 | 782.3685 | 1527.043 |
| #3 | 916.5740 | 22471.23 | 2695.674 | 780.3212 | 1525.977 |

Sample Name: P4501-15DLX2      Acquired: 10/31/2024 18:51:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215980 | .0144123 | .0712891 | .0636702 | .0433032 | 73.88138 | 1.903670 |
| Stddev | .0082338 | .0015763 | .0042227 | .0107174 | .0016891 | .38706   | .006118  |
| %RSD   | 38.12311 | 10.93699 | 5.923405 | 16.83269 | 3.900755 | .5238890 | .3213920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0187092 | .0145858 | .0692647 | .0738624 | .0425401 | 74.28492 | 1.904326 |
| #2 | .0151979 | .0127564 | .0684597 | .0646528 | .0421303 | 73.84599 | 1.909433 |
| #3 | .0308870 | .0158946 | .0761429 | .0524953 | .0452393 | 73.51323 | 1.897250 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472364 | .0468660 | 431.7757 | 1.190649 | .5573128 | .3979492 | 203.7124 |
| Stddev | .0001928 | .0003117 | 3.0116   | .012764  | .0017507 | .0041829 | .7615    |
| %RSD   | .4081906 | .6650460 | .6974887 | 1.071997 | .3141263 | 1.051110 | .3738079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0470890 | .0466010 | 435.0580 | 1.187794 | .5557618 | .3952846 | 204.5689 |
| #2 | .0471655 | .0472094 | 431.1292 | 1.204598 | .5569654 | .4027702 | 203.4564 |
| #3 | .0474546 | .0467875 | 429.1398 | 1.179555 | .5592111 | .3957927 | 203.1118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.110705 | 120.6215 | 1.744995 | .0362124 | 4.004985 | .9584211 | .7154707 |
| Stddev | .012936  | .7382    | .003142  | .0018249 | .163717  | .0011532 | .0028352 |
| %RSD   | .4158674 | .6119623 | .1800373 | 5.039476 | 4.087837 | .1203225 | .3962749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.115960 | 121.4730 | 1.741764 | .0359099 | 3.910134 | .9589346 | .7161643 |
| #2 | 3.120186 | 120.1620 | 1.748038 | .0381696 | 3.910792 | .9571003 | .7178948 |
| #3 | 3.095968 | 120.2296 | 1.745184 | .0345576 | 4.194029 | .9592283 | .7123530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.246786 | 3.582185 | .2089120 | .0009228 | 40.75506 | 2.912715 | .0037552 |
| Stddev | .152645  | .013654  | .0017777 | .0004645 | .07990   | .018000  | .0018970 |
| %RSD   | 2.106383 | .3811679 | .8509378 | 50.33537 | .1960581 | .6179792 | 50.51732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.254410 | 3.570529 | .2107092 | .0011442 | 40.67203 | 2.923894 | .0016891 |
| #2 | 7.395475 | 3.578818 | .2071544 | .0012353 | 40.76174 | 2.922300 | .0054184 |
| #3 | 7.090471 | 3.597208 | .2088726 | .0003891 | 40.83142 | 2.891951 | .0041582 |

Sample Name: P4501-15DLX2      Acquired: 10/31/2024 18:51:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.395741 | .0878780 | .6599890 |
| Stddev | .017150  | .0009142 | .0023474 |
| %RSD   | .7158475 | 1.040302 | .3556660 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.412906 | .0886028 | .6606325 |
| #2 | 2.395710 | .0868510 | .6619475 |
| #3 | 2.378606 | .0881804 | .6573870 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.5075 | 22376.53 | 2702.135 | 777.5162 | 1565.083 |
| Stddev    | 2.7453   | 228.07   | 17.084   | 4.2833   | 2.078    |
| %RSD      | .2966317 | 1.019256 | .6322578 | .5509005 | .1327612 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 925.6637 | 22399.84 | 2686.458 | 777.4786 | 1566.496 |
| #2 | 928.1715 | 22137.69 | 2699.603 | 773.2518 | 1566.055 |
| #3 | 922.6875 | 22592.05 | 2720.344 | 781.8182 | 1562.697 |

Sample Name: P4501-13LDLX10      Acquired: 10/31/2024 18:55:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006145 | -.008299 | .0177782 | -.002133 | -.001075 | 15.94506 | .0682025 |
| Stddev | .0087143 | .002273  | .0038237 | .004301  | .002906  | .05494   | .0001489 |
| %RSD   | 1418.036 | 27.38927 | 21.50792 | 201.6342 | 270.2360 | .3445677 | .2182566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101659 | -.009566 | .0211209 | .002400  | -.002577 | 15.99479 | .0683011 |
| #2 | -.001419 | -.009656 | .0136087 | -.002644 | -.002923 | 15.95431 | .0680313 |
| #3 | -.006903 | -.005675 | .0186048 | -.006155 | .002274  | 15.88608 | .0682752 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012484 | .0007747 | 121.8127 | .2205377 | .0297254 | .0429551 | 46.22112 |
| Stddev | .0001554 | .0000693 | .5789    | .0007250 | .0003847 | .0026664 | .03161   |
| %RSD   | 12.44497 | 8.951365 | .4752193 | .3287616 | 1.294248 | 6.207351 | .0683862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011072 | .0008544 | 122.4410 | .2200964 | .0294166 | .0399416 | 46.25599 |
| #2 | .0014148 | .0007411 | 121.6959 | .2201422 | .0296033 | .0450084 | 46.21300 |
| #3 | .0012232 | .0007285 | 121.3011 | .2213745 | .0301563 | .0439155 | 46.19435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5364668 | 22.43838 | .2450500 | .0010667 | 1.574727 | .1152281 | .1567225 |
| Stddev | .0025087 | .16457   | .0007195 | .0002758 | .340046  | .0147843 | .0018800 |
| %RSD   | .4676256 | .7334381 | .2936111 | 25.85447 | 21.59396 | 12.83043 | 1.199585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5341875 | 22.62718 | .2443807 | .0013000 | 1.885685 | .1056624 | .1559984 |
| #2 | .5360583 | 22.36273 | .2449585 | .0011377 | 1.626877 | .1077656 | .1588568 |
| #3 | .5391546 | 22.32524 | .2458109 | .0007623 | 1.211618 | .1322562 | .1553121 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.534097 | .6959268 | .0491096 | -.000833 | 7.962474 | .6732264 | .0005487 |
| Stddev | .088414  | .0041616 | .0011742 | .000319  | .007654  | .0048740 | .0025240 |
| %RSD   | 5.763263 | .5979914 | 2.390957 | 38.28228 | .0961232 | .7239699 | 460.0215 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.633854 | .7005234 | .0484109 | -.001198 | 7.954678 | .6788543 | -.001553 |
| #2 | 1.465419 | .6924151 | .0484526 | -.000603 | 7.962767 | .6704365 | -.000150 |
| #3 | 1.503017 | .6948418 | .0504652 | -.000699 | 7.969977 | .6703885 | .003348  |

Sample Name: P4501-13LDLX10      Acquired: 10/31/2024 18:55:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4939816 | .0239884 | .1812029 |
| Stddev | .0051191 | .0023003 | .0001226 |
| %RSD   | 1.036286 | 9.589365 | .0676433 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4998918 | .0266148 | .1812708 |
| #2 | .4909443 | .0230186 | .1810614 |
| #3 | .4911086 | .0223318 | .1812764 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 933.8723 | 22353.05 | 2603.626 | 795.3894 | 1711.683 |
| Stddev    | 1.2425   | 45.48    | 15.438   | 4.5489   | .458     |
| %RSD      | .1330457 | .2034784 | .5929461 | .5719086 | .0267845 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 934.3311 | 22310.94 | 2586.117 | 794.5520 | 1711.564 |
| #2 | 934.8201 | 22346.92 | 2609.483 | 791.3174 | 1712.189 |
| #3 | 932.4657 | 22401.28 | 2615.279 | 800.2988 | 1711.296 |

Sample Name: P4501-16DLX2      Acquired: 10/31/2024 18:59:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.021252 | -.033025 | .0614868 | -.007562 | .0026540 | 72.96451 | .2718078 |
| Stddev | .003712  | .002673  | .0049981 | .003669  | .0044374 | .25109   | .0016447 |
| %RSD   | 17.46550 | 8.093115 | 8.128777 | 48.51706 | 167.2003 | .3441315 | .6051098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.022488 | -.034033 | .0557156 | -.010816 | .0062082 | 73.24931 | .2730394 |
| #2 | -.017080 | -.035048 | .0643351 | -.003585 | .0040731 | 72.86920 | .2699400 |
| #3 | -.024188 | -.029995 | .0644097 | -.008285 | -.002319 | 72.77503 | .2724440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056670 | .0064799 | 466.0999 | 1.157431 | .1863812 | .2217039 | 233.0773 |
| Stddev | .0001447 | .0002444 | .9412    | .002553  | .0012175 | .0015062 | .8949    |
| %RSD   | 2.553989 | 3.771285 | .2019314 | .2205834 | .6532469 | .6793677 | .3839294 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055678 | .0061994 | 467.1866 | 1.156678 | .1855524 | .2209764 | 234.0900 |
| #2 | .0056001 | .0065936 | 465.5709 | 1.160276 | .1858122 | .2234357 | 232.7488 |
| #3 | .0058331 | .0066467 | 465.5422 | 1.155339 | .1877791 | .2206994 | 232.3931 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.949263 | 154.5027 | 1.814986 | -.008118 | 4.826672 | .5526861 | .3896821 |
| Stddev | .006620  | .3111    | .003287  | .000275  | .323932  | .0058597 | .0018410 |
| %RSD   | .2244793 | .2013328 | .1811088 | 3.391703 | 6.711290 | 1.060227 | .4724340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.945513 | 154.8610 | 1.814021 | -.008289 | 4.871551 | .5591166 | .3903722 |
| #2 | 2.945368 | 154.3447 | 1.818648 | -.007801 | 4.482641 | .5512939 | .3910784 |
| #3 | 2.956907 | 154.3023 | 1.812290 | -.008265 | 5.125825 | .5476479 | .3875958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.273707 | 3.645855 | .2330116 | .0009742 | 28.51148 | 3.472213 | .0022560 |
| Stddev | .025397  | .013060  | .0014715 | .0001131 | .07603   | .002308  | .0017300 |
| %RSD   | .3491624 | .3582279 | .6315066 | 11.60713 | .2666549 | .0664812 | 76.68482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.303026 | 3.633560 | .2346873 | .0011033 | 28.42592 | 3.469557 | .0003146 |
| #2 | 7.259583 | 3.659566 | .2319302 | .0008925 | 28.57127 | 3.473355 | .0036342 |
| #3 | 7.258511 | 3.644439 | .2324172 | .0009270 | 28.53725 | 3.473728 | .0028193 |

Sample Name: P4501-16DLX2      Acquired: 10/31/2024 18:59:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.660640 | .1051276 | .7692764 |
| Stddev | .003229  | .0016485 | .0016020 |
| %RSD   | .1213551 | 1.568060 | .2082456 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.663892 | .1039469 | .7710981 |
| #2 | 2.660595 | .1044249 | .7680877 |
| #3 | 2.657434 | .1070110 | .7686433 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 915.8937 | 22516.25 | 2685.377 | 781.1081 | 1536.404 |
| Stddev    | .7614    | 11.26    | 2.846    | 3.2301   | 2.108    |
| %RSD      | .0831350 | .0500193 | .1059780 | .4135335 | .1371922 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 915.0723 | 22527.97 | 2685.639 | 783.2136 | 1537.797 |
| #2 | 916.5759 | 22505.52 | 2688.083 | 777.3890 | 1533.979 |
| #3 | 916.0331 | 22515.26 | 2682.409 | 782.7215 | 1537.436 |

Sample Name: P4501-17DLX2      Acquired: 10/31/2024 19:04:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.045001 | -.036005 | .0705008 | .0012111 | .0017997 | 112.5009 | .8314819 |
| Stddev | .001125  | .004716  | .0040249 | .0054607 | .0032099 | .2520    | .0044418 |
| %RSD   | 2.500315 | 13.09944 | 5.709049 | 450.9027 | 178.3616 | .2240102 | .5342027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.046273 | -.031710 | .0679243 | .0024034 | -.000492 | 112.4484 | .8326072 |
| #2 | -.044599 | -.041053 | .0751389 | -.004747 | .005468  | 112.7751 | .8352528 |
| #3 | -.044133 | -.035253 | .0684394 | .005977  | .000422  | 112.2793 | .8265856 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068480 | .0068072 | 127.7281 | 2.450251 | .3063845 | .2793534 | 275.5177 |
| Stddev | .0003769 | .0004131 | .5118    | .003950  | .0069068 | .0026788 | .7479    |
| %RSD   | 5.503741 | 6.068320 | .4006848 | .1612122 | 2.254288 | .9589431 | .2714510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064617 | .0070507 | 127.2891 | 2.453491 | .3087461 | .2769537 | 274.7693 |
| #2 | .0072147 | .0070406 | 128.2902 | 2.451410 | .3118007 | .2822436 | 276.2651 |
| #3 | .0068676 | .0063302 | 127.6051 | 2.445850 | .2986067 | .2788627 | 275.5187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.130176 | 241.7924 | 3.667655 | -.016914 | 6.664686 | .5846515 | .3940625 |
| Stddev | .004952  | .6627    | .084659  | .000656  | .177264  | .0073399 | .0023752 |
| %RSD   | .0965316 | .2740760 | 2.308256 | 3.881138 | 2.659755 | 1.255422 | .6027371 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.125088 | 241.0839 | 3.710163 | -.017071 | 6.462793 | .5764179 | .3967257 |
| #2 | 5.134980 | 242.3971 | 3.722637 | -.016194 | 6.794823 | .5870281 | .3921636 |
| #3 | 5.130459 | 241.8960 | 3.570165 | -.017478 | 6.736442 | .5905086 | .3932981 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.005147 | 2.443510 | .2859750 | -.001296 | 8.083853 | 3.566743 | .0071266 |
| Stddev | .090187  | .059171  | .0017435 | .000569  | .185396  | .014384  | .0012588 |
| %RSD   | 1.001504 | 2.421574 | .6096734 | 43.89109 | 2.293416 | .4032698 | 17.66271 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.092239 | 2.476303 | .2844582 | -.001296 | 8.204920 | 3.561486 | .0081800 |
| #2 | 9.011047 | 2.479024 | .2878798 | -.001865 | 8.176221 | 3.583016 | .0057326 |
| #3 | 8.912155 | 2.375202 | .2855869 | -.000727 | 7.870418 | 3.555728 | .0074673 |



Sample Name: P4501-17DLX2      Acquired: 10/31/2024 19:04:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.001886 | .0681311 | .5472657 |
| Stddev | .013837  | .0001043 | .0017292 |
| %RSD   | .2766313 | .1530202 | .3159647 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.012288 | .0681963 | .5470401 |
| #2 | 5.007189 | .0680109 | .5490966 |
| #3 | 4.986183 | .0681861 | .5456604 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 953.0704 | 23093.94 | 2759.986 | 792.6009 | 1616.322 |
| Stddev    | 15.9295  | 27.62    | 14.099   | 2.7959   | 34.257   |
| %RSD      | 1.671384 | .1196073 | .5108185 | .3527521 | 2.119462 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 945.3820 | 23087.22 | 2775.993 | 789.3935 | 1597.184 |
| #2 | 942.4434 | 23070.29 | 2749.415 | 793.8859 | 1595.911 |
| #3 | 971.3857 | 23124.30 | 2754.549 | 794.5233 | 1655.872 |

Sample Name: P4501-18DLX2      Acquired: 10/31/2024 19:08:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.042292 | -.036975 | .0566172 | .0009800 | -.000880 | 108.0201 | .6134962 |
| Stddev | .003755  | .001519  | .0049663 | .0057756 | .001506  | 1.8947   | .0126390 |
| %RSD   | 8.879144 | 4.107417 | 8.771804 | 589.3231 | 171.2225 | 1.754020 | 2.060161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.045436 | -.035697 | .0567960 | -.001143 | .000601  | 110.1524 | .6278507 |
| #2 | -.043308 | -.036574 | .0614917 | -.003434 | -.002410 | 107.3780 | .6086003 |
| #3 | -.038134 | -.038654 | .0515639 | .007517  | -.000831 | 106.5299 | .6040375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066536 | .0066991 | 183.3656 | 2.276977 | .2846251 | .2663882 | 266.6219 |
| Stddev | .0000686 | .0001615 | 3.2738   | .006078  | .0008693 | .0065895 | 4.7243   |
| %RSD   | 1.030954 | 2.410684 | 1.785384 | .2669158 | .3054302 | 2.473625 | 1.771900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065744 | .0065576 | 187.0347 | 2.270020 | .2837357 | .2723074 | 271.7925 |
| #2 | .0066915 | .0066647 | 182.3192 | 2.281252 | .2854728 | .2592882 | 265.5425 |
| #3 | .0066949 | .0068750 | 180.7429 | 2.279659 | .2846669 | .2675690 | 262.5307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.706547 | 225.3010 | 3.309722 | -.014874 | 5.744460 | .5957884 | .2951051 |
| Stddev | .078141  | 3.5039   | .015169  | .001170  | .265536  | .0165727 | .0008667 |
| %RSD   | 1.660262 | 1.555216 | .4583181 | 7.867886 | 4.622464 | 2.781641 | .2936825 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.795183 | 229.2978 | 3.304513 | -.015922 | 6.047339 | .6137731 | .2943324 |
| #2 | 4.676853 | 223.8469 | 3.297844 | -.013611 | 5.634341 | .5924589 | .2949409 |
| #3 | 4.647606 | 222.7582 | 3.326810 | -.015090 | 5.551700 | .5811333 | .2960422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.824485 | 2.335073 | .2708360 | -.001713 | 23.99203 | 2.873131 | .0054934 |
| Stddev | .264144  | .002920  | .0068327 | .000796  | .06253   | .058345  | .0007946 |
| %RSD   | 4.535059 | .1250578 | 2.522820 | 46.43326 | .2606336 | 2.030714 | 14.46479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.114649 | 2.334615 | .2785452 | -.002585 | 23.97452 | 2.940039 | .0046002 |
| #2 | 5.598006 | 2.332408 | .2684349 | -.001026 | 23.94013 | 2.846505 | .0057580 |
| #3 | 5.760799 | 2.338195 | .2655280 | -.001530 | 24.06146 | 2.832848 | .0061218 |

Sample Name: P4501-18DLX2      Acquired: 10/31/2024 19:08:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW3      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.905518 | .0643771 | .5074244 |
| Stddev | .090763  | .0022710 | .0088153 |
| %RSD   | 1.850222 | 3.527629 | 1.737253 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.008091 | .0668868 | .5175131 |
| #2 | 4.872859 | .0624641 | .5035513 |
| #3 | 4.835604 | .0637802 | .5012088 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 933.0970 | 22953.13 | 2709.000 | 788.6672 | 1583.421 |
| Stddev    | 2.9935   | 68.70    | 31.729   | 2.9231   | 5.462    |
| %RSD      | .3208168 | .2993130 | 1.171235 | .3706320 | .3449191 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 933.9321 | 23013.05 | 2673.887 | 789.2186 | 1584.755 |
| #2 | 935.5843 | 22878.15 | 2717.498 | 791.2752 | 1588.092 |
| #3 | 929.7746 | 22968.18 | 2735.614 | 785.5077 | 1577.416 |

Sample Name: CCV010      Acquired: 10/31/2024 19:13:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.024434 | 4.805505 | 24.44441 | 4.802573 | 4.900793 | 410.9094 | 10.20671 |
| Stddev | .011659  | .012040  | .01619   | .017066  | .008462  | .6898    | .00772   |
| %RSD   | .2320433 | .2505505 | .0662225 | .3553446 | .1726618 | .1678611 | .0756107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.017009 | 4.818054 | 24.46145 | 4.792095 | 4.894498 | 411.6671 | 10.19788 |
| #2 | 5.018421 | 4.794048 | 24.44255 | 4.793359 | 4.897468 | 410.7428 | 10.21217 |
| #3 | 5.037872 | 4.804414 | 24.42923 | 4.822265 | 4.910412 | 410.3182 | 10.21008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5324099 | 2.458660 | 410.4033 | 15.16750 | 2.488185 | 14.96739 | 414.4112 |
| Stddev | .0036430 | .001955  | 1.2248   | .02753   | .003487  | .01615   | .7995    |
| %RSD   | .6842424 | .0795127 | .2984499 | .1814738 | .1401545 | .1079281 | .1929214 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5340044 | 2.456439 | 411.7450 | 15.17277 | 2.488023 | 14.97200 | 415.1271 |
| #2 | .5282416 | 2.459418 | 410.1202 | 15.19201 | 2.484782 | 14.98074 | 414.5579 |
| #3 | .5349839 | 2.460122 | 409.3449 | 15.13772 | 2.491751 | 14.94944 | 413.5485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.53021 | 404.1699 | 2.469881 | 1.321987 | 409.1427 | 2.493152 | 14.49244 |
| Stddev | .00937   | 1.3323   | .002313  | .004805  | .3940    | .006508  | .07176   |
| %RSD   | .0644777 | .3296493 | .0936662 | .3634672 | .0962897 | .2610391 | .4951439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.53630 | 405.5704 | 2.472030 | 1.316491 | 409.3389 | 2.500190 | 14.54399 |
| #2 | 14.51942 | 404.0212 | 2.467432 | 1.324080 | 409.4000 | 2.491916 | 14.52285 |
| #3 | 14.53491 | 402.9181 | 2.470180 | 1.325391 | 408.6891 | 2.487351 | 14.41049 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.8072 | 4.991267 | 5.146821 | 4.799184 | 5.051077 | 4.982820 | 4.916215 |
| Stddev | .2854    | .001934  | .022608  | .007891  | .015455  | .028090  | .007067  |
| %RSD   | .1855468 | .0387477 | .4392565 | .1644332 | .3059821 | .5637426 | .1437399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.8886 | 4.993152 | 5.172464 | 4.792330 | 5.047259 | 5.009270 | 4.919733 |
| #2 | 154.0431 | 4.991361 | 5.129765 | 4.797410 | 5.037888 | 4.953336 | 4.920832 |
| #3 | 153.4900 | 4.989287 | 5.138234 | 4.807811 | 5.068083 | 4.985856 | 4.908080 |

Sample Name: CCV010      Acquired: 10/31/2024 19:13:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV010      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.013293 | 5.296044 | 5.057262 |
| Stddev | .005355  | .019068  | .009794  |
| %RSD   | .1068084 | .3600420 | .1936541 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.010161 | 5.309038 | 5.063451 |
| #2 | 5.010242 | 5.304941 | 5.062365 |
| #3 | 5.019476 | 5.274154 | 5.045971 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 778.1896 | 20564.36 | 2496.713 | 632.9863 | 1419.803 |
| Stddev    | 1.4070   | 43.08    | 13.503   | 3.2111   | .377     |
| %RSD      | .1808062 | .2095119 | .5408195 | .5072960 | .0265310 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 779.7825 | 20557.92 | 2482.702 | 630.4099 | 1420.193 |
| #2 | 777.6701 | 20524.85 | 2509.643 | 631.9653 | 1419.441 |
| #3 | 777.1161 | 20610.30 | 2497.795 | 636.5838 | 1419.776 |

Sample Name: CCB010      Acquired: 10/31/2024 19:17:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001761 | .0000494 | .0025580 | .0000295 | -.001362 | .0371523 | -.001252 |
| Stddev | .002552  | .0044025 | .0009365 | .0043618 | .002607  | .0125860 | .000619  |
| %RSD   | 144.8914 | 8908.417 | 36.61075 | 14797.06 | 191.4508 | 33.87687 | 49.47154 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004143 | .0008091 | .0033324 | -.000673 | -.000269 | .0238669 | -.001498 |
| #2 | .000932  | .0040226 | .0028246 | .004700  | -.004337 | .0488972 | -.001709 |
| #3 | -.002071 | -.004683 | .0015171 | -.003939 | .000522  | .0386927 | -.000547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000938 | .0000907 | .0319933 | .0009957 | .0005838 | .0023158 | .0518463 |
| Stddev | .0001683 | .0000262 | .0194191 | .0001822 | .0003789 | .0043543 | .0313076 |
| %RSD   | 179.3917 | 28.93141 | 60.69716 | 18.29553 | 64.89871 | 188.0317 | 60.38541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002234 | .0001190 | .0466526 | .0011791 | .0002653 | .0033318 | .0878648 |
| #2 | -.000096 | .0000858 | .0393582 | .0009932 | .0010028 | .0060722 | .0311604 |
| #3 | .000155  | .0000672 | .0099692 | .0008148 | .0004833 | -.002457 | .0365135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018484 | -.033191 | .0001923 | -.002092 | .6060300 | -.013738 | .0006188 |
| Stddev | .0006373 | .060307  | .0004801 | .000546  | .1861843 | .009134  | .0000902 |
| %RSD   | 34.47704 | 181.6983 | 249.6920 | 26.09977 | 30.72196 | 66.48596 | 14.57878 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025767 | .036045  | -.000335 | -.001478 | .6135148 | -.023592 | .0005379 |
| #2 | .0013930 | -.061345 | .000309  | -.002524 | .7883591 | -.005557 | .0007161 |
| #3 | .0015755 | -.074272 | .000603  | -.002274 | .4162162 | -.012064 | .0006024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.376613 | .0010209 | .0071415 | .0004959 | -.025917 | -.000809 | .0006287 |
| Stddev | .114291  | .0016774 | .0009618 | .0003766 | .003884  | .000420  | .0016758 |
| %RSD   | 30.34712 | 164.2993 | 13.46741 | 75.94345 | 14.98706 | 51.98055 | 266.5685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.411803 | .0022675 | .0082067 | .0001274 | -.026300 | -.000529 | .0015708 |
| #2 | -.469171 | -.000886 | .0063368 | .0008801 | -.021856 | -.000605 | -.001306 |
| #3 | -.248865 | .001681  | .0068810 | .0004802 | -.029596 | -.001292 | .001621  |

Sample Name: CCB010      Acquired: 10/31/2024 19:17:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB010      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010242 | .0082062 | .0003148 |
| Stddev | .0001429 | .0004685 | .0000700 |
| %RSD   | 13.94898 | 5.708587 | 22.22245 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008635 | .0079668 | .0003123 |
| #2 | .0010722 | .0079058 | .0002462 |
| #3 | .0011369 | .0087460 | .0003860 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 954.3407 | 22432.85 | 2587.849 | 800.6092 | 1858.707 |
| Stddev    | .8675    | 43.77    | 18.986   | 1.4786   | 1.916    |
| %RSD      | .0908976 | .1951188 | .7336550 | .1846898 | .1030829 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 953.8219 | 22385.90 | 2565.929 | 801.8694 | 1856.981 |
| #2 | 955.3421 | 22440.13 | 2598.507 | 800.9767 | 1858.370 |
| #3 | 953.8581 | 22472.53 | 2599.111 | 798.9814 | 1860.769 |

Sample Name: P4501-19DLX2      Acquired: 10/31/2024 19:21:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.056624 | -.035492 | .0643350 | -.005268 | .0009247 | 113.4426 | .7126935 |
| Stddev | .001551  | .006375  | .0027955 | .015763  | .0024185 | .3891    | .0016051 |
| %RSD   | 2.738544 | 17.96316 | 4.345299 | 299.2194 | 261.5522 | .3429619 | .2252106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.054943 | -.033660 | .0623971 | .012589  | -.001299 | 113.6653 | .7126613 |
| #2 | -.056932 | -.042582 | .0630681 | -.017247 | .003499  | 113.6691 | .7143143 |
| #3 | -.057998 | -.030232 | .0675396 | -.011146 | .000574  | 112.9934 | .7111047 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069981 | .0061480 | 106.9330 | 2.538410 | .3074682 | .2698870 | 283.4290 |
| Stddev | .0001318 | .0004727 | .5651    | .005674  | .0090468 | .0021975 | .9715    |
| %RSD   | 1.882960 | 7.688301 | .5284711 | .2235454 | 2.942343 | .8142105 | .3427500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068950 | .0056737 | 107.1941 | 2.531902 | .2972800 | .2691984 | 284.1939 |
| #2 | .0071466 | .0066190 | 107.3204 | 2.542320 | .3145611 | .2723463 | 283.7571 |
| #3 | .0069528 | .0061512 | 106.2846 | 2.541008 | .3105634 | .2681163 | 282.3360 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.856288 | 236.1514 | 3.560924 | -.016604 | 5.221625 | .6007866 | .3126923 |
| Stddev | .031885  | .6330    | .096177  | .000797  | .323100  | .0021581 | .0019564 |
| %RSD   | .6565673 | .2680411 | 2.700906 | 4.798393 | 6.187725 | .3592184 | .6256735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.880218 | 236.4655 | 3.452879 | -.017024 | 5.259055 | .5995684 | .3120317 |
| #2 | 4.868554 | 236.5660 | 3.637188 | -.015685 | 4.881441 | .5995130 | .3148936 |
| #3 | 4.820092 | 235.4228 | 3.592706 | -.017103 | 5.524380 | .6032784 | .3111518 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.509288 | 2.350733 | .2845309 | -.001107 | 16.16427 | 3.356215 | .0070986 |
| Stddev | .041719  | .063673  | .0008424 | .000400  | .43457   | .005719  | .0006495 |
| %RSD   | .7572458 | 2.708627 | .2960708 | 36.11813 | 2.688450 | .1704015 | 9.149696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.552256 | 2.278773 | .2854720 | -.000698 | 15.66384 | 3.356237 | .0078420 |
| #2 | 5.506667 | 2.399773 | .2842733 | -.001125 | 16.44648 | 3.361922 | .0068131 |
| #3 | 5.468942 | 2.373653 | .2838472 | -.001497 | 16.38250 | 3.350484 | .0066408 |



Sample Name: P4501-19DLX2      Acquired: 10/31/2024 19:21:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW4      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.063079 | .0610400 | .3979742 |
| Stddev | .018842  | .0012552 | .0011733 |
| %RSD   | .3107602 | 2.056418 | .2948126 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.079125 | .0622545 | .3985253 |
| #2 | 6.067779 | .0611177 | .3987705 |
| #3 | 6.042332 | .0597476 | .3966268 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 955.0641 | 23035.91 | 2729.211 | 791.1085 | 1639.289 |
| Stddev    | 17.3264  | 23.73    | 13.834   | 1.8671   | 38.736   |
| %RSD      | 1.814158 | .1030209 | .5068828 | .2360161 | 2.363004 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 974.8587 | 23029.20 | 2718.350 | 793.2539 | 1682.920 |
| #2 | 942.6502 | 23016.25 | 2724.498 | 790.2204 | 1608.944 |
| #3 | 947.6833 | 23062.27 | 2744.786 | 789.8511 | 1626.003 |

Sample Name: P4501-20DLX2      Acquired: 10/31/2024 19:26:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.053181 | -.043753 | .0724134 | -.011604 | .0026845 | 110.3934 | .8171817 |
| Stddev | .007237  | .004730  | .0016774 | .005742  | .0024533 | 7.4577   | .0558078 |
| %RSD   | 13.60738 | 10.81045 | 2.316388 | 49.48742 | 91.38614 | 6.755534 | 6.829299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.046432 | -.042646 | .0706351 | -.012858 | .0017971 | 102.1329 | .7553023 |
| #2 | -.052289 | -.039675 | .0739674 | -.005338 | .0007984 | 116.6307 | .8637008 |
| #3 | -.060823 | -.048938 | .0726375 | -.016616 | .0054580 | 112.4167 | .8325421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071991 | .0066162 | 112.9380 | 2.809981 | .3059080 | .2668393 | 278.6637 |
| Stddev | .0005099 | .0005118 | 7.4698   | .006877  | .0014476 | .0241025 | 18.1952  |
| %RSD   | 7.082474 | 7.735939 | 6.614078 | .2447377 | .4732023 | 9.032580 | 6.529440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067717 | .0071605 | 104.5741 | 2.802600 | .3045560 | .2401422 | 258.3177 |
| #2 | .0077634 | .0061446 | 118.9454 | 2.816209 | .3057327 | .2869979 | 293.3750 |
| #3 | .0070620 | .0065436 | 115.2944 | 2.811133 | .3074352 | .2733779 | 284.2983 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.119243 | 253.2214 | 3.744379 | -.016560 | 6.777767 | .6097282 | .3614064 |
| Stddev | .279556  | 16.8566  | .002678  | .000869  | .545392  | .0341855 | .0033313 |
| %RSD   | 6.786575 | 6.656881 | .0715293 | 5.248786 | 8.046786 | 5.606674 | .9217497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.814107 | 234.4597 | 3.741314 | -.015559 | 6.151780 | .5780563 | .3590612 |
| #2 | 4.363027 | 267.0908 | 3.746273 | -.016999 | 7.150410 | .6459679 | .3652195 |
| #3 | 4.180595 | 258.1137 | 3.745549 | -.017122 | 7.031110 | .6051605 | .3599384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.032669 | 2.412316 | .2907605 | -.001413 | 6.008269 | 3.150858 | .0055019 |
| Stddev | .671985  | .006212  | .0206848 | .000950  | .011749  | .151874  | .0036950 |
| %RSD   | 8.365656 | .2574935 | 7.114047 | 67.27292 | .1955439 | 4.820092 | 67.15822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.262542 | 2.411272 | .2675766 | -.000324 | 5.996266 | 2.983932 | .0040813 |
| #2 | 8.499844 | 2.406692 | .3073265 | -.001838 | 6.019746 | 3.280879 | .0027281 |
| #3 | 8.335621 | 2.418983 | .2973784 | -.002076 | 6.008794 | 3.187762 | .0096964 |

Sample Name: P4501-20DLX2      Acquired: 10/31/2024 19:26:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW5      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.032451 | .0626464 | .5021912 |
| Stddev | .335840  | .0049674 | .0336333 |
| %RSD   | 6.673483 | 7.929191 | 6.697316 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.658786 | .0573252 | .4652450 |
| #2 | 5.309113 | .0671613 | .5310293 |
| #3 | 5.129453 | .0634529 | .5102993 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 944.4167 | 23136.02 | 2770.598 | 793.5390 | 1610.054 |
| Stddev    | 3.2968   | 54.90    | 146.128  | 4.1239   | 1.104    |
| %RSD      | .3490809 | .2372937 | 5.274248 | .5196800 | .0685531 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 940.9030 | 23163.76 | 2933.494 | 797.9158 | 1609.151 |
| #2 | 947.4420 | 23072.78 | 2651.044 | 789.7262 | 1611.284 |
| #3 | 944.9053 | 23171.51 | 2727.254 | 792.9750 | 1609.727 |

Sample Name: P4501-21DLX5      Acquired: 10/31/2024 19:30:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0146450 | -.010304 | .0399717 | -.003226 | .0012549 | 22.51249 | .0935736 |
| Stddev | .0017356 | .001308  | .0024951 | .008874  | .0032661 | .05819   | .0013845 |
| %RSD   | 11.85086 | 12.69038 | 6.242138 | 275.1230 | 260.2667 | .2584862 | 1.479584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0155210 | -.010326 | .0374022 | -.009003 | -.002185 | 22.51595 | .0945132 |
| #2 | .0157680 | -.011600 | .0423851 | -.007666 | .001636  | 22.45265 | .0919837 |
| #3 | .0126461 | -.008985 | .0401277 | .006993  | .004314  | 22.56888 | .0942239 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015582 | .0017722 | 434.1313 | .1970964 | .0285004 | .0425788 | 50.28426 |
| Stddev | .0001749 | .0000538 | 2.0102   | .0006660 | .0004244 | .0032262 | .28084   |
| %RSD   | 11.22442 | 3.037146 | .4630315 | .3379146 | 1.489106 | 7.576898 | .5585129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014863 | .0018050 | 435.1946 | .1963337 | .0284211 | .0460636 | 50.48982 |
| #2 | .0017576 | .0018015 | 431.8128 | .1975635 | .0289589 | .0396961 | 49.96426 |
| #3 | .0014308 | .0017101 | 435.3864 | .1973918 | .0281213 | .0419768 | 50.39869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.045143 | 25.18366 | .2406340 | .0072950 | 1.667990 | .1466974 | .2187576 |
| Stddev | .006903  | .09665   | .0007236 | .0005777 | .336804  | .0019884 | .0010813 |
| %RSD   | .6604929 | .3837614 | .3007239 | 7.919403 | 20.19224 | 1.355444 | .4943013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.052638 | 25.13671 | .2412087 | .0072601 | 2.054472 | .1486432 | .2197751 |
| #2 | 1.039046 | 25.11945 | .2408719 | .0067355 | 1.437189 | .1446690 | .2188756 |
| #3 | 1.043744 | 25.29481 | .2398213 | .0078894 | 1.512307 | .1467800 | .2176221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.289890 | 1.608457 | .0575076 | -.000376 | 35.19978 | 2.025168 | .0069091 |
| Stddev | .166048  | .003132  | .0006966 | .000069  | .08788   | .005383  | .0016508 |
| %RSD   | 7.251360 | .1947468 | 1.211262 | 18.41998 | .2496574 | .2657947 | 23.89308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.113007 | 1.611519 | .0570496 | -.000399 | 35.15023 | 2.029306 | .0070654 |
| #2 | 2.442412 | 1.605259 | .0583093 | -.000298 | 35.14787 | 2.019083 | .0084762 |
| #3 | 2.314251 | 1.608592 | .0571641 | -.000430 | 35.30125 | 2.027117 | .0051857 |

Sample Name: P4501-21DLX5      Acquired: 10/31/2024 19:30:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW6      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9303555 | .0295076 | .4870018 |
| Stddev | .0070901 | .0012049 | .0019121 |
| %RSD   | .7620899 | 4.083372 | .3926232 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9341171 | .0297878 | .4874976 |
| #2 | .9221772 | .0281872 | .4848906 |
| #3 | .9347722 | .0305476 | .4886171 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 913.5571 | 21995.47 | 2601.126 | 774.5377 | 1623.325 |
| Stddev    | .9910    | 28.72    | 13.039   | 3.6686   | 1.578    |
| %RSD      | .1084782 | .1305815 | .5012702 | .4736462 | .0971985 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 914.6581 | 22014.30 | 2595.200 | 771.2405 | 1622.435 |
| #2 | 912.7364 | 22009.69 | 2616.075 | 773.8831 | 1625.146 |
| #3 | 913.2768 | 21962.41 | 2592.102 | 778.4895 | 1622.392 |

Sample Name: P4501-22DLX5      Acquired: 10/31/2024 19:35:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045238 | -.006383 | .0427740 | -.000599 | .0013290 | 26.02607 | .1283502 |
| Stddev | .0038584 | .003868  | .0014461 | .004938  | .0039290 | .05596   | .0007881 |
| %RSD   | 85.29021 | 60.59340 | 3.380697 | 824.9882 | 295.6328 | .2150219 | .6140098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000936 | -.001946 | .0421327 | .001821  | .0056459 | 26.01387 | .1279842 |
| #2 | .0063305 | -.008166 | .0444298 | .002663  | .0003792 | 25.97722 | .1278117 |
| #3 | .0071474 | -.009038 | .0417594 | -.006280 | -.002038 | 26.08713 | .1292547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017671 | .0015865 | 307.7926 | .3080726 | .0293695 | .0383121 | 66.25352 |
| Stddev | .0001710 | .0001078 | .8538    | .0005119 | .0006730 | .0034463 | .32817   |
| %RSD   | 9.679182 | 6.796249 | .2773900 | .1661447 | 2.291570 | 8.995376 | .4953309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019163 | .0016198 | 308.2097 | .3086236 | .0286089 | .0366437 | 66.30277 |
| #2 | .0015804 | .0016738 | 306.8105 | .3076119 | .0296118 | .0360175 | 65.90351 |
| #3 | .0018046 | .0014660 | 308.3578 | .3079822 | .0298878 | .0422751 | 66.55429 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9241183 | 42.08287 | .2280544 | .0051859 | 1.404340 | .1805630 | .2299602 |
| Stddev | .0030100 | .07771   | .0016811 | .0001767 | .224765  | .0104875 | .0014988 |
| %RSD   | .3257159 | .1846498 | .7371370 | 3.406910 | 16.00505 | 5.808244 | .6517772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9272178 | 42.06861 | .2267890 | .0050363 | 1.216004 | .1690338 | .2316875 |
| #2 | .9212066 | 42.01328 | .2299619 | .0051406 | 1.653158 | .1831189 | .2291893 |
| #3 | .9239305 | 42.16671 | .2274124 | .0053808 | 1.343860 | .1895364 | .2290037 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.481237 | 1.615872 | .0687497 | -.000954 | 43.01169 | 1.513642 | .0028948 |
| Stddev | .086202  | .008432  | .0021275 | .000727  | .03662   | .005843  | .0033857 |
| %RSD   | 5.819585 | .5218218 | 3.094576 | 76.26259 | .0851404 | .3860326 | 116.9560 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.381800 | 1.624549 | .0676317 | -.000120 | 42.98434 | 1.515798 | .0067910 |
| #2 | 1.534824 | 1.607709 | .0674142 | -.001285 | 42.99743 | 1.507028 | .0012245 |
| #3 | 1.527087 | 1.615357 | .0712031 | -.001457 | 43.05329 | 1.518102 | .0006689 |

Sample Name: P4501-22DLX5      Acquired: 10/31/2024 19:35:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCW7      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.554514 | .0437786 | .5359200 |
| Stddev | .002438  | .0015148 | .0009345 |
| %RSD   | .1568590 | 3.460138 | .1743710 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.552453 | .0455227 | .5353964 |
| #2 | 1.553884 | .0427919 | .5353647 |
| #3 | 1.557206 | .0430212 | .5369989 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 913.8245 | 21998.21 | 2583.892 | 773.3928 | 1638.496 |
| Stddev    | 1.7517   | 23.34    | 6.552    | 3.0708   | 1.986    |
| %RSD      | .1916871 | .1061120 | .2535871 | .3970571 | .1212110 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 911.9003 | 21986.13 | 2579.813 | 772.0324 | 1639.330 |
| #2 | 915.3265 | 22025.12 | 2591.450 | 776.9089 | 1639.930 |
| #3 | 914.2467 | 21983.39 | 2580.412 | 771.2373 | 1636.229 |

Sample Name: P4497-01      Acquired: 10/31/2024 19:39:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134905 | -.045841 | .0712901 | -.007264 | .0072445 | 119.6679 |
| Stddev | .0052380 | .004635  | .0021536 | .004225  | .0060522 | .0750    |
| %RSD   | 38.82745 | 10.11050 | 3.020857 | 58.15710 | 83.54225 | .0626633 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0181101 | -.048039 | .0694017 | -.007977 | .0142330 | 119.7430 |
| #2 | .0145615 | -.040516 | .0708333 | -.002728 | .0037447 | 119.6675 |
| #3 | .0077997 | -.048967 | .0736355 | -.011087 | .0037559 | 119.5931 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5617280 | .0072354 | .0122757 | F 1725.207 | 2.258207 | .2683165 |
| Stddev | .0015842 | .0002337 | .0001832 | 10.117     | .001386  | .0006353 |
| %RSD   | .2820237 | 3.230400 | 1.492414 | .5864269   | .0613896 | .2367858 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5627659 | .0074800 | .0124663 | 1732.660 | 2.258720 | .2690403 |
| #2 | .5625136 | .0070143 | .0122601 | 1729.271 | 2.259263 | .2680586 |
| #3 | .5599045 | .0072118 | .0121008 | 1713.690 | 2.256637 | .2678508 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2775256 | 292.4448 | 4.525389 | 264.7302 | 3.139841 | .0100872 |
| Stddev | .0032111 | 1.1128   | .011227  | .3340    | .003449  | .0008157 |
| %RSD   | 1.157065 | .3805081 | .2480877 | .1261596 | .1098575 | 8.086341 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2808811 | 293.2050 | 4.531211 | 264.9798 | 3.135988 | .0100605 |
| #2 | .2744815 | 291.1676 | 4.532508 | 264.3508 | 3.142641 | .0109159 |
| #3 | .2772141 | 292.9618 | 4.512447 | 264.8599 | 3.140895 | .0092852 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.844973 | .8030024 | .4070016 | 8.334815 | 4.619502 | .3066228 |
| Stddev | .185428  | .0126132 | .0038075 | .081039  | .012520  | .0018687 |
| %RSD   | 3.172431 | 1.570758 | .9355058 | .9722961 | .2710245 | .6094435 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.641514 | .8170877 | .4028461 | 8.409731 | 4.633434 | .3082706 |
| #2 | 6.004468 | .7991683 | .4078358 | 8.345916 | 4.615876 | .3070053 |
| #3 | 5.888936 | .7927511 | .4103228 | 8.248798 | 4.609195 | .3045924 |



Sample Name: P4497-01      Acquired: 10/31/2024 19:39:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126338 | 7.138679 | 5.571437 | .0087602 | 6.897300 | .1100714 |
| Stddev | .0003121 | .005064  | .017389  | .0010798 | .003920  | .0008930 |
| %RSD   | 2.470263 | .0709354 | .3121071 | 12.32662 | .0568389 | .8112640 |
| #1     | .0127625 | 7.133021 | 5.589604 | .0091159 | 6.893012 | .1104809 |
| #2     | .0128609 | 7.140230 | 5.554949 | .0075474 | 6.898188 | .1090471 |
| #3     | .0122779 | 7.142787 | 5.569757 | .0096173 | 6.900700 | .1106862 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.214723 |
| Stddev | .008350  |
| %RSD   | .2597377 |
| #1     | 3.220745 |
| #2     | 3.218233 |
| #3     | 3.205191 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 864.7652 | 21580.38 | 2660.541 | 728.7855 | 1368.484 |
| Stddev    | 1.7419   | 33.22    | 5.449    | 8.3001   | 2.240    |
| %RSD      | .2014329 | .1539562 | .2048035 | 1.138889 | .1636858 |
| #1        | 863.0197 | 21591.63 | 2655.046 | 738.0062 | 1367.777 |
| #2        | 864.7723 | 21543.00 | 2660.632 | 721.9112 | 1366.682 |
| #3        | 866.5035 | 21606.53 | 2665.943 | 726.4391 | 1370.992 |

Sample Name: P4497-02      Acquired: 10/31/2024 19:44:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.033136 | -.061371 | .1507597 | -.015281 | .0076373 | 150.8642 |
| Stddev | .015617  | .002980  | .0021208 | .003493  | .0033192 | 1.0960   |
| %RSD   | 47.12906 | 4.854909 | 1.406751 | 22.85675 | 43.46035 | .7264945 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.038532 | -.061422 | .1489205 | -.012792 | .0064551 | 152.0222 |
| #2 | -.045339 | -.058367 | .1530796 | -.019274 | .0113858 | 150.7274 |
| #3 | -.015537 | -.064325 | .1502790 | -.013777 | .0050711 | 149.8430 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.082216 | .0088820 | .0153848 | F 1219.721 | 2.023416 | .3049541 |
| Stddev | .006962  | .0001197 | .0002222 | 2.526      | .005154  | .0020842 |
| %RSD   | .6433018 | 1.347207 | 1.444371 | .2070752   | .2546992 | .6834371 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.089682 | .0090135 | .0151311 | 1222.498 | 2.017471 | .3045066 |
| #2 | 1.081064 | .0087796 | .0155448 | 1217.562 | 2.026623 | .3031300 |
| #3 | 1.075902 | .0088529 | .0154786 | 1219.102 | 2.026154 | .3072257 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3883360 | 381.2726 | 6.171091 | 268.2285 | 2.741541 | -.008710 |
| Stddev | .0055281 | 2.2786   | .030037  | 1.6465   | .006291  | .000346  |
| %RSD   | 1.423528 | .5976211 | .4867352 | .6138292 | .2294664 | 3.968902 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3923277 | 383.6393 | 6.204418 | 270.1101 | 2.740247 | -.009107 |
| #2 | .3906540 | 381.0848 | 6.162743 | 267.5234 | 2.735998 | -.008478 |
| #3 | .3820263 | 379.0938 | 6.146111 | 267.0520 | 2.748379 | -.008545 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.77863 | 1.073378 | .6498287 | 12.69437 | 7.720948 | .4295876 |
| Stddev | .18930   | .012340  | .0040734 | .09317   | .034950  | .0038584 |
| %RSD   | 1.373853 | 1.149671 | .6268464 | .7339507 | .4526581 | .8981573 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.58460 | 1.077722 | .6535044 | 12.68226 | 7.749641 | .4332616 |
| #2 | 13.78848 | 1.082960 | .6454492 | 12.60785 | 7.682025 | .4299332 |
| #3 | 13.96281 | 1.059454 | .6505324 | 12.79300 | 7.731179 | .4255681 |

Sample Name: P4497-02      Acquired: 10/31/2024 19:44:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048808 | 42.30027 | 5.441602 | .0162120 | 6.991152 | .1976561 |
| Stddev | .0006266 | .08517   | .032471  | .0016260 | .060933  | .0020048 |
| %RSD   | 12.83894 | .2013380 | .5967155 | 10.02975 | .8715756 | 1.014262 |
| #1     | .0050292 | 42.29396 | 5.478528 | .0149414 | 7.047620 | .1995627 |
| #2     | .0041933 | 42.21843 | 5.417509 | .0180445 | 6.999269 | .1978397 |
| #3     | .0054200 | 42.38841 | 5.428770 | .0156503 | 6.926567 | .1955658 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.198754 |
| Stddev | .015675  |
| %RSD   | .7129029 |
| #1     | 2.215494 |
| #2     | 2.196347 |
| #3     | 2.184423 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 919.7820 | 23015.27 | 2823.159 | 783.0403 | 1402.669 |
| Stddev    | 2.0062   | 23.89    | 15.533   | 2.7861   | 5.251    |
| %RSD      | .2181204 | .1037818 | .5501915 | .3558077 | .3743459 |
| #1        | 919.3227 | 23039.52 | 2805.434 | 781.9750 | 1402.199 |
| #2        | 921.9780 | 23014.52 | 2834.394 | 786.2019 | 1408.139 |
| #3        | 918.0452 | 22991.77 | 2829.649 | 780.9441 | 1397.669 |

Sample Name: P4497-03      Acquired: 10/31/2024 19:48:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.061500 | -.052588 | .2255982 | -.000189 | .0064300 | 101.7531 |
| Stddev | .018770  | .005751  | .0049396 | .013345  | .0020690 | 2.0900   |
| %RSD   | 30.51997 | 10.93517 | 2.189540 | 7062.275 | 32.17749 | 2.053970 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.068803 | -.056886 | .2261925 | -.009809 | .0049129 | 104.1511 |
| #2 | -.075521 | -.046056 | .2203884 | -.005804 | .0087869 | 100.3194 |
| #3 | -.040177 | -.054824 | .2302137 | .015046  | .0055903 | 100.7887 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5783935 | .0067660 | .0129672 | F 958.2498 | 5.120637 | .5037405 |
| Stddev | .0124305 | .0003117 | .0008345 | 20.2424    | .003627  | .0015841 |
| %RSD   | 2.149149 | 4.606550 | 6.435432 | 2.112436   | .0708230 | .3144764 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5927195 | .0064816 | .0120535 | 980.9211 | 5.116955 | .5030607 |
| #2 | .5720001 | .0070992 | .0136891 | 941.9883 | 5.124205 | .5026097 |
| #3 | .5704609 | .0067172 | .0131589 | 951.8400 | 5.120751 | .5055511 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .3566380 | 368.3117 | 5.993928 | F 832.5649 | F 8.169298 | -.004607 |
| Stddev | .0074978 | 7.6640   | .140050  | 17.8802    | .019233    | .001024  |
| %RSD   | 2.102368 | 2.080858 | 2.336529 | 2.147601   | .2354274   | 22.23111 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3617808 | 376.9755 | 6.155629 | 852.4280 | 8.148482 | -.005648 |
| #2 | .3480349 | 362.4175 | 5.911184 | 817.7555 | 8.173006 | -.003600 |
| #3 | .3600985 | 365.5420 | 5.914972 | 827.5113 | 8.186407 | -.004572 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 7.255293 | .7508404 | .9432911 | 12.96731 | F 13.50462 | .4203742 |
| Stddev | .198127  | .0239407 | .0041186 | .33449   | .04135     | .0070021 |
| %RSD   | 2.730790 | 3.188519 | .4366196 | 2.579488 | .3061607   | 1.665676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.285785 | .7734989 | .9437725 | 13.34521 | 13.46562 | .4280730 |
| #2 | 7.436407 | .7257962 | .9471478 | 12.70924 | 13.50028 | .4143858 |
| #3 | 7.043688 | .7532260 | .9389529 | 12.84748 | 13.54797 | .4186639 |

Sample Name: P4497-03      Acquired: 10/31/2024 19:48:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074704 | 14.32452 | 5.319140 | .0242324 | 4.530335 | .0942430 |
| Stddev | .0007369 | .04516   | .121546  | .0019608 | .093137  | .0023853 |
| %RSD   | 9.864305 | .3152683 | 2.285064 | 8.091553 | 2.055860 | 2.531057 |
| #1     | .0077760 | 14.28333 | 5.450131 | .0251808 | 4.637854 | .0968312 |
| #2     | .0066298 | 14.31742 | 5.210005 | .0255386 | 4.474495 | .0921329 |
| #3     | .0080053 | 14.37281 | 5.297284 | .0219777 | 4.478656 | .0937648 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.046042 |
| Stddev | .044660  |
| %RSD   | 2.182774 |
| #1     | 2.097558 |
| #2     | 2.018246 |
| #3     | 2.022323 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 838.1885 | 21356.45 | 2586.256 | 701.1952 | 1397.742 |
| Stddev    | 1.6789   | 68.71    | 51.520   | 3.3548   | 2.098    |
| %RSD      | .2003039 | .3217470 | 1.992056 | .4784408 | .1501149 |
| #1        | 840.1055 | 21388.54 | 2528.761 | 701.7522 | 1399.626 |
| #2        | 837.4803 | 21277.56 | 2628.234 | 697.5967 | 1398.121 |
| #3        | 836.9797 | 21403.24 | 2601.774 | 704.2366 | 1395.481 |

Sample Name: P4497-04      Acquired: 10/31/2024 19:53:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.019458 | -.061275 | .1647170 | .0059697 | .0037352 | 119.3582 |
| Stddev | .001682  | .002027  | .0040710 | .0114434 | .0031112 | .2897    |
| %RSD   | 8.644946 | 3.307351 | 2.471482 | 191.6937 | 83.29359 | .2426742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.019521 | -.063552 | .1693316 | .0171706 | .0062027 | 119.2682 |
| #2 | -.021107 | -.059668 | .1616340 | .0064401 | .0002402 | 119.6822 |
| #3 | -.017744 | -.060606 | .1631855 | -.005702 | .0047627 | 119.1242 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5452899 | .0080267 | .0149897 | F 1201.214 | 5.335025 | .4201572 |
| Stddev | .0032216 | .0002707 | .0002925 | 4.158      | .002870  | .0028712 |
| %RSD   | .5908057 | 3.372821 | 1.951405 | .3461699   | .0538022 | .6833643 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5456028 | .0083362 | .0151080 | 1198.266 | 5.333495 | .4233348 |
| #2 | .5483436 | .0078341 | .0152046 | 1199.407 | 5.333243 | .4177492 |
| #3 | .5419232 | .0079097 | .0146566 | 1205.970 | 5.338336 | .4193877 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3547978 | 405.5840 | 5.348644 | 599.9762 | F 6.306139 | -.004884 |
| Stddev | .0022127 | .8193    | .017540  | 1.4976   | .015820    | .000276  |
| %RSD   | .6236366 | .2020010 | .3279372 | .2496128 | .2508725   | 5.654763 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3527564 | 405.8301 | 5.363610 | 600.3988 | 6.324277 | -.004931 |
| #2 | .3571490 | 406.2521 | 5.352980 | 601.2171 | 6.295188 | -.004588 |
| #3 | .3544881 | 404.6699 | 5.329343 | 598.3127 | 6.298953 | -.005134 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.61483 | .9699367 | .8148546 | 14.13849 | 8.972262 | .4629271 |
| Stddev | .35661   | .0102563 | .0015320 | .02635   | .046025  | .0015926 |
| %RSD   | 3.359529 | 1.057418 | .1880031 | .1863772 | .5129662 | .3440167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.67041 | .9697047 | .8131680 | 14.12102 | 9.021264 | .4647072 |
| #2 | 10.23369 | .9803071 | .8152360 | 14.16880 | 8.929946 | .4616376 |
| #3 | 10.94038 | .9597985 | .8161598 | 14.12566 | 8.965577 | .4624364 |

Sample Name: P4497-04      Acquired: 10/31/2024 19:53:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0786967 | 18.05878 | 5.344526 | .0788876 | 6.211808 | .1424179 |
| Stddev | .0012968 | .04789   | .012630  | .0034100 | .014966  | .0012864 |
| %RSD   | 1.647873 | .2651711 | .2363140 | 4.322602 | .2409218 | .9032831 |
| #1     | .0778349 | 18.11157 | 5.330702 | .0808675 | 6.204105 | .1438111 |
| #2     | .0801882 | 18.01814 | 5.355462 | .0749501 | 6.229056 | .1421679 |
| #3     | .0780671 | 18.04663 | 5.347414 | .0808451 | 6.202263 | .1412749 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.616317 |
| Stddev | .008320  |
| %RSD   | .3179969 |
| #1     | 2.617716 |
| #2     | 2.623848 |
| #3     | 2.607386 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 850.2507 | 21734.70 | 2665.879 | 714.6253 | 1390.060 |
| Stddev    | .6950    | 16.81    | 1.599    | 1.2155   | 3.228    |
| %RSD      | .0817375 | .0773354 | .0599684 | .1700852 | .2321935 |
| #1        | 849.5448 | 21754.10 | 2666.494 | 715.8706 | 1386.378 |
| #2        | 850.2730 | 21724.40 | 2667.079 | 713.4420 | 1392.402 |
| #3        | 850.9342 | 21725.60 | 2664.065 | 714.5634 | 1391.400 |

Sample Name: P4497-05      Acquired: 10/31/2024 19:57:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043075 | -.057964 | .1288793 | .0003948 | -.000184 | 135.7394 |
| Stddev | .010076  | .008490  | .0059577 | .0082189 | .002881  | 1.1782   |
| %RSD   | 23.39243 | 14.64725 | 4.622683 | 2081.972 | 1569.310 | .8680131 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.031526 | -.048373 | .1278327 | -.002949 | -.003402 | 136.4458 |
| #2 | -.047623 | -.064517 | .1235143 | .009758  | .000698  | 134.3792 |
| #3 | -.050075 | -.061001 | .1352909 | -.005626 | .002153  | 136.3931 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7137333 | .0085607 | .0150707 | F 1234.893 | 3.382580 | .4042198 |
| Stddev | .0057797 | .0001055 | .0006240 | 10.012     | .008636  | .0004190 |
| %RSD   | .8097812 | 1.232208 | 4.140703 | .8107278   | .2553203 | .1036614 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7187088 | .0086602 | .0155107 | 1227.231 | 3.391101 | .4037359 |
| #2 | .7073935 | .0084501 | .0143565 | 1231.227 | 3.382807 | .4044616 |
| #3 | .7150975 | .0085717 | .0153449 | 1246.221 | 3.373833 | .4044617 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3757802 | 388.9979 | 7.841613 | 523.3635 | F 5.464257 | -.007393 |
| Stddev | .0048904 | 3.0774   | .072337  | 4.7815   | .009423    | .000406  |
| %RSD   | 1.301394 | .7910976 | .9224723 | .9136028 | .1724498   | 5.493717 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3710689 | 390.8621 | 7.873895 | 524.5522 | 5.475123 | -.007065 |
| #2 | .3754398 | 385.4460 | 7.758757 | 518.0999 | 5.458330 | -.007267 |
| #3 | .3808319 | 390.6857 | 7.892189 | 527.4385 | 5.459317 | -.007847 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 12.06696 | .9741674 | .7011968 | 11.32308 | F 11.36212 | .4429257 |
| Stddev | .10419   | .0157702 | .0063300 | .07825   | .04034     | .0041258 |
| %RSD   | .8634213 | 1.618835 | .9027380 | .6910641 | .3550147   | .9314883 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.06686 | .9892957 | .7083303 | 11.41104 | 11.40180 | .4463626 |
| #2 | 11.96283 | .9578255 | .6962505 | 11.26121 | 11.36341 | .4383501 |
| #3 | 12.17121 | .9753810 | .6990095 | 11.29699 | 11.32115 | .4440643 |



Sample Name: P4497-05      Acquired: 10/31/2024 19:57:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0112094 | 53.39860 | 6.351119 | .0130890 | 4.807188 | .1763190 |
| Stddev | .0006600 | .15617   | .038495  | .0017731 | .046378  | .0019382 |
| %RSD   | 5.888201 | .2924574 | .6061174 | 13.54681 | .9647628 | 1.099267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0106107 | 53.57811 | 6.358930 | .0119425 | 4.833028 | .1783081 |
| #2 | .0119172 | 53.29398 | 6.309318 | .0121932 | 4.753646 | .1744360 |
| #3 | .0111005 | 53.32370 | 6.385110 | .0151313 | 4.834889 | .1762130 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.958195 |
| Stddev | .014504  |
| %RSD   | .7406673 |

|    |          |
|----|----------|
| #1 | 1.964793 |
| #2 | 1.941565 |
| #3 | 1.968226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.8733 | 22430.85 | 2778.740 | 752.3252 | 1387.592 |
| Stddev    | 3.1454   | 82.59    | 14.452   | 6.2615   | 4.565    |
| %RSD      | .3526774 | .3682149 | .5200763 | .8322839 | .3289695 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 888.5546 | 22350.15 | 2776.991 | 745.1137 | 1383.326 |
| #2 | 892.2547 | 22427.20 | 2793.986 | 755.4825 | 1387.042 |
| #3 | 894.8107 | 22515.21 | 2765.242 | 756.3796 | 1392.406 |

Sample Name: P4497-06      Acquired: 10/31/2024 20:01:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.008969 | -.036342 | .0942897 | -.009891 | .0012327 | 83.41244 |
| Stddev | .010936  | .010446  | .0093737 | .003280  | .0039911 | .26835   |
| %RSD   | 121.9351 | 28.74427 | 9.941326 | 33.15771 | 323.7657 | .3217091 |
| #1     | -.003067 | -.044222 | .0837300 | -.012044 | .0035877 | 83.10846 |
| #2     | -.002252 | -.024493 | .0975117 | -.011513 | .0034859 | 83.51243 |
| #3     | -.021588 | -.040312 | .1016274 | -.006116 | -.003375 | 83.61644 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3969272 | .0051112 | .0109221 | F 1579.323 | 3.165586 | .2853013 |
| Stddev | .0015803 | .0002667 | .0003045 | 10.925     | .032661  | .0011882 |
| %RSD   | .3981446 | 5.218191 | 2.787476 | .6917793   | 1.031744 | .4164822 |
| #1     | .3953581 | .0051205 | .0112700 | 1567.493   | 3.203103 | .2839826 |
| #2     | .3969048 | .0053732 | .0107043 | 1581.441   | 3.150159 | .2862886 |
| #3     | .3985186 | .0048400 | .0107920 | 1589.034   | 3.143496 | .2856327 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2409165 | 257.1637 | 3.993834 | 470.8843 | 4.545323 | .0123033 |
| Stddev | .0029576 | .7423    | .014998  | .8492    | .006076  | .0016368 |
| %RSD   | 1.227656 | .2886483 | .3755251 | .1803395 | .1336700 | 13.30358 |
| #1     | .2415553 | 256.3420 | 3.983352 | 469.9789 | 4.541372 | .0140936 |
| #2     | .2376917 | 257.3632 | 4.011013 | 471.6631 | 4.552319 | .0119327 |
| #3     | .2435025 | 257.7859 | 3.987137 | 471.0107 | 4.542277 | .0108836 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.162977 | .6027132 | .4842172 | 7.228667 | 7.333761 | .3036605 |
| Stddev | .150653  | .0125820 | .0112719 | .055177  | .012471  | .0003644 |
| %RSD   | 1.845563 | 2.087566 | 2.327863 | .7633096 | .1700497 | .1200170 |
| #1     | 8.000464 | .5904068 | .4967270 | 7.165211 | 7.319361 | .3032400 |
| #2     | 8.190489 | .6155538 | .4810743 | 7.255445 | 7.340947 | .3038853 |
| #3     | 8.297978 | .6021789 | .4748503 | 7.265345 | 7.340975 | .3038562 |

Sample Name: P4497-06      Acquired: 10/31/2024 20:01:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0098652 | 67.90245 | 5.516130 | .0107474 | 3.437138 | .0940541 |
| Stddev | .0005560 | .02568   | .022453  | .0026051 | .017147  | .0008820 |
| %RSD   | 5.636067 | .0378235 | .4070483 | 24.23924 | .4988768 | .9377589 |
| #1     | .0093107 | 67.88366 | 5.491119 | .0123344 | 3.417345 | .0938014 |
| #2     | .0104227 | 67.89199 | 5.522722 | .0121669 | 3.447497 | .0933260 |
| #3     | .0098622 | 67.93172 | 5.534550 | .0077408 | 3.446571 | .0950349 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.023114 |
| Stddev | .008662  |
| %RSD   | .2865282 |
| #1     | 3.017592 |
| #2     | 3.033098 |
| #3     | 3.018654 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 842.7524 | 21107.40 | 2613.295 | 708.1113 | 1372.551 |
| Stddev    | 1.0522   | 222.91   | 7.864    | 12.1371  | 1.655    |
| %RSD      | .1248528 | 1.056072 | .3009214 | 1.714013 | .1205617 |
| #1        | 842.4752 | 20850.68 | 2621.427 | 694.1697 | 1372.994 |
| #2        | 841.8666 | 21219.64 | 2612.727 | 713.8440 | 1370.719 |
| #3        | 843.9155 | 21251.89 | 2605.730 | 716.3202 | 1373.939 |

Sample Name: P4497-07      Acquired: 10/31/2024 20:06:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.020481 | -.050316 | .1091897 | -.005335 | .0021658 | 135.5469 | .3727209 |
| Stddev | .000637  | .003915  | .0033426 | .002612  | .0050614 | .1664    | .0010561 |
| %RSD   | 3.110450 | 7.780705 | 3.061255 | 48.95437 | 233.6956 | .1227475 | .2833359 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.019749 | -.053884 | .1061106 | -.002321 | .0061070 | 135.7386 | .3738584 |
| #2 | -.020782 | -.046128 | .1127447 | -.006759 | -.003542 | 135.4622 | .3717716 |
| #3 | -.020912 | -.050935 | .1087138 | -.006925 | .003933  | 135.4399 | .3725328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083259 | .0117528 | 783.6856 | 2.268188 | .2537283 | .3344918 | 347.0191 |
| Stddev | .0001503 | .0003282 | 1.7425   | .018659  | .0012067 | .0047358 | .4400    |
| %RSD   | 1.805541 | 2.792743 | .2223518 | .8226603 | .4755966 | 1.415831 | .1268050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081842 | .0121243 | 784.4773 | 2.251377 | .2531790 | .3305247 | 347.5062 |
| #2 | .0084836 | .0116321 | 781.6878 | 2.288265 | .2551120 | .3397349 | 346.6502 |
| #3 | .0083098 | .0115020 | 784.8918 | 2.264922 | .2528940 | .3332159 | 346.9009 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.454315 | 213.2953 | 2.335024 | -.013332 | 8.468535 | .9481466 | .7099531 |
| Stddev | .019344  | .7658    | .002930  | .000829  | .037301  | .0112065 | .0138158 |
| %RSD   | .3546478 | .3590439 | .1254969 | 6.221100 | .4404664 | 1.181939 | 1.946010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.465673 | 214.1733 | 2.333445 | -.014289 | 8.471572 | .9580374 | .7118493 |
| #2 | 5.431980 | 212.9476 | 2.333222 | -.012877 | 8.504225 | .9504271 | .7227227 |
| #3 | 5.465291 | 212.7651 | 2.338405 | -.012830 | 8.429808 | .9359752 | .6952871 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.99664 | 4.332882 | .3786771 | .0149352 | 4.721203 | 5.623891 | .0111877 |
| Stddev | .07558   | .009385  | .0017037 | .0003589 | .013447  | .028115  | .0034737 |
| %RSD   | .5815081 | .2166059 | .4499048 | 2.403289 | .2848208 | .4999285 | 31.04959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.04942 | 4.328038 | .3804938 | .0147391 | 4.714553 | 5.623889 | .0151905 |
| #2 | 12.91007 | 4.343700 | .3771152 | .0153495 | 4.736679 | 5.595776 | .0089630 |
| #3 | 13.03044 | 4.326909 | .3784222 | .0147171 | 4.712376 | 5.652007 | .0094095 |

Sample Name: P4497-07      Acquired: 10/31/2024 20:06:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA7      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.598038 | .1942735 | 1.910737 |
| Stddev | .009096  | .0018315 | .003688  |
| %RSD   | .1624839 | .9427616 | .1929945 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.608012 | .1947582 | 1.914325 |
| #2 | 5.590201 | .1958139 | 1.906957 |
| #3 | 5.595902 | .1922483 | 1.910930 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 932.2308 | 23062.00 | 2807.670 | 779.5180 | 1485.321 |
| Stddev    | 1.0990   | 145.79   | 7.929    | 10.3588  | .175     |
| %RSD      | .1178907 | .6321507 | .2824111 | 1.328874 | .0117595 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 931.4577 | 23157.83 | 2804.269 | 784.0297 | 1485.462 |
| #2 | 931.7458 | 22894.22 | 2816.732 | 767.6685 | 1485.376 |
| #3 | 933.4889 | 23133.94 | 2802.008 | 786.8558 | 1485.126 |

Sample Name: P4497-08      Acquired: 10/31/2024 20:10:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.029528 | -.059939 | .2669526 | -.003628 | .0064527 | 130.0079 |
| Stddev | .006582  | .004420  | .0081960 | .010211  | .0027052 | 1.7927   |
| %RSD   | 22.29059 | 7.373997 | 3.070217 | 281.4178 | 41.92339 | 1.378941 |
| #1     | -.022703 | -.057691 | .2630494 | -.002439 | .0040924 | 131.4347 |
| #2     | -.030044 | -.057095 | .2614376 | -.014382 | .0058609 | 130.5934 |
| #3     | -.035837 | -.065031 | .2763706 | .005936  | .0094047 | 127.9956 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.752231 | .0089315 | .0192382 | F 1024.091 | 3.289690 | .3459731 |
| Stddev | .027068  | .0002362 | .0005098 | 16.651     | .029838  | .0009240 |
| %RSD   | 1.544749 | 2.644524 | 2.650008 | 1.625902   | .9070019 | .2670762 |
| #1     | 1.776229 | .0087414 | .0192746 | 1043.316   | 3.308537 | .3460742 |
| #2     | 1.757572 | .0088572 | .0187111 | 1014.268   | 3.255289 | .3450027 |
| #3     | 1.722891 | .0091959 | .0197288 | 1014.689   | 3.305244 | .3468425 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.118549 | 413.9038 | 5.698651 | 426.8614 | 4.400720 | -.012666 |
| Stddev | .012746  | 5.3409   | .087920  | 5.1430   | .010592  | .000579  |
| %RSD   | 1.139498 | 1.290371 | 1.542829 | 1.204845 | .2406877 | 4.572421 |
| #1     | 1.130794 | 418.4672 | 5.779402 | 431.3457 | 4.408785 | -.012364 |
| #2     | 1.119497 | 415.2147 | 5.711562 | 427.9911 | 4.388724 | -.013334 |
| #3     | 1.105355 | 408.0295 | 5.604989 | 421.2475 | 4.404650 | -.012300 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.097304 | .8972938 | 1.764970 | 19.23145 | F 18.80052 | .4233500 |
| Stddev | .286734  | .0142254 | .011324  | .21116   | .07540     | .0064224 |
| %RSD   | 5.625200 | 1.585370 | .6416191 | 1.097997 | .4010681   | 1.517048 |
| #1     | 5.420065 | .9082437 | 1.771799 | 19.36767 | 18.87894   | .4264706 |
| #2     | 4.872007 | .9024225 | 1.751899 | 19.33848 | 18.72855   | .4276159 |
| #3     | 4.999840 | .8812152 | 1.771214 | 18.98821 | 18.79407   | .4159636 |

Sample Name: P4497-08      Acquired: 10/31/2024 20:10:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083427 | 8.592297 | 5.277276 | .0431710 | 3.732613 | .1064249 |
| Stddev | .0007558 | .039108  | .048138  | .0024258 | .047808  | .0014125 |
| %RSD   | 9.059777 | .4551521 | .9121695 | 5.619146 | 1.280806 | 1.327256 |
| #1     | .0083998 | 8.626992 | 5.332322 | .0438222 | 3.773938 | .1049438 |
| #2     | .0090684 | 8.599982 | 5.243072 | .0452048 | 3.743647 | .1077571 |
| #3     | .0075599 | 8.549917 | 5.256432 | .0404860 | 3.680252 | .1065737 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.917628 |
| Stddev | .031033  |
| %RSD   | 1.618294 |
| #1     | 1.943525 |
| #2     | 1.926127 |
| #3     | 1.883231 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.5982 | 22447.51 | 2763.287 | 750.1482 | 1428.943 |
| Stddev    | 1.5112   | 122.02   | 25.796   | 3.2149   | 1.602    |
| %RSD      | .1694917 | .5435876 | .9335237 | .4285740 | .1120813 |
| #1        | 892.4135 | 22331.51 | 2735.490 | 746.7315 | 1427.177 |
| #2        | 892.5266 | 22574.77 | 2767.914 | 753.1138 | 1430.302 |
| #3        | 889.8544 | 22436.26 | 2786.456 | 750.5992 | 1429.351 |

Sample Name: P4497-09      Acquired: 10/31/2024 20:15:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.031455 | -.047445 | .3687366 | -.005135 | .0024340 | 112.6016 |
| Stddev | .006969  | .006878  | .0016509 | .011671  | .0054290 | .2905    |
| %RSD   | 22.15665 | 14.49668 | .4477169 | 227.2965 | 223.0504 | .2580230 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.026063 | -.041293 | .3692865 | -.018594 | .0060802 | 112.8513 |
| #2 | -.028977 | -.046171 | .3700425 | .001012  | .0050270 | 112.6708 |
| #3 | -.039325 | -.054871 | .3668810 | .002178  | -.003805 | 112.2827 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.518992 | .0084467 | .0174011 | F 1095.280 | 3.210350 | .3297304 |
| Stddev | .003204  | .0003690 | .0002158 | 3.413      | .006072  | .0011664 |
| %RSD   | .2109139 | 4.368509 | 1.239993 | .3115742   | .1891246 | .3537366 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.519914 | .0088727 | .0172462 | 1092.132 | 3.216200 | .3310059 |
| #2 | 1.521634 | .0082418 | .0176476 | 1098.907 | 3.204079 | .3287182 |
| #3 | 1.515428 | .0082256 | .0173096 | 1094.799 | 3.210771 | .3294671 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4937143 | 342.0926 | 5.765267 | 436.6087 | 4.537522 | -.004756 |
| Stddev | .0038464 | .7155    | .021057  | .7282    | .005149  | .000546  |
| %RSD   | .7790822 | .2091548 | .3652359 | .1667967 | .1134831 | 11.48658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4900688 | 342.7481 | 5.744617 | 437.4492 | 4.543290 | -.004791 |
| #2 | .4977343 | 342.2002 | 5.786709 | 436.2133 | 4.535889 | -.005284 |
| #3 | .4933398 | 341.3293 | 5.764474 | 436.1638 | 4.533387 | -.004193 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.524513 | .7877590 | 1.694736 | 15.93346 | F 17.76088 | .3652176 |
| Stddev | .238885  | .0168657 | .005648  | .05645   | .04908     | .0019372 |
| %RSD   | 4.324087 | 2.140967 | .3332901 | .3542833 | .2763447   | .5304253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.281781 | .8020021 | 1.696040 | 15.87457 | 17.81727 | .3672986 |
| #2 | 5.759355 | .7921397 | 1.688550 | 15.93871 | 17.72784 | .3634666 |
| #3 | 5.532404 | .7691353 | 1.699619 | 15.98710 | 17.73752 | .3648875 |



Sample Name: P4497-09      Acquired: 10/31/2024 20:15:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081156 | 8.680898 | 9.682996 | .0385917 | 2.993397 | .0982255 |
| Stddev | .0005131 | .039035  | .042034  | .0025219 | .009469  | .0012798 |
| %RSD   | 6.322095 | .4496611 | .4341030 | 6.534790 | .3163367 | 1.302871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0076406 | 8.718457 | 9.703022 | .0390471 | 3.004246 | .0993330 |
| #2 | .0080464 | 8.683698 | 9.711272 | .0408548 | 2.989159 | .0985189 |
| #3 | .0086597 | 8.640538 | 9.634693 | .0358731 | 2.986788 | .0968245 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.931189 |
| Stddev | .002862  |
| %RSD   | .1482063 |

|    |          |
|----|----------|
| #1 | 1.929829 |
| #2 | 1.934477 |
| #3 | 1.929260 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 902.3694 | 22445.20 | 2710.442 | 759.4040 | 1429.449 |
| Stddev    | 1.1889   | 52.90    | 4.720    | 1.4188   | 1.746    |
| %RSD      | .1317570 | .2356672 | .1741353 | .1868309 | .1221525 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 902.2688 | 22464.05 | 2708.081 | 760.0798 | 1427.717 |
| #2 | 903.6055 | 22486.10 | 2707.368 | 760.3584 | 1429.420 |
| #3 | 901.2340 | 22385.47 | 2715.876 | 757.7736 | 1431.209 |

Sample Name: P4497-10      Acquired: 10/31/2024 20:19:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006080 | -.054361 | .2475152 | -.001880 | .0069670 | 115.0666 |
| Stddev | .004166  | .004870  | .0030230 | .005251  | .0050448 | .1328    |
| %RSD   | 68.52050 | 8.959282 | 1.221322 | 279.3239 | 72.41000 | .1154548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001363 | -.055544 | .2502162 | .003417  | .0083579 | 114.9139 |
| #2 | -.007623 | -.049008 | .2442498 | -.007083 | .0111704 | 115.1559 |
| #3 | -.009255 | -.058531 | .2480795 | -.001973 | .0013727 | 115.1300 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.487938 | .0080551 | .0201613 | F 1043.369 | 2.531877 | .3081421 |
| Stddev | .003683  | .0001134 | .0002646 | 3.412      | .005705  | .0002189 |
| %RSD   | .2475471 | 1.407915 | 1.312401 | .3270377   | .2253440 | .0710213 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.483773 | .0081808 | .0199828 | 1042.505 | 2.535209 | .3083948 |
| #2 | 1.489275 | .0079605 | .0204653 | 1047.130 | 2.535133 | .3080144 |
| #3 | 1.490767 | .0080239 | .0200357 | 1040.471 | 2.525289 | .3080171 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4562297 | 348.8325 | 5.430401 | 364.4795 | 3.688646 | -.005294 |
| Stddev | .0013835 | .1114    | .012321  | .4154    | .006178  | .000956  |
| %RSD   | .3032386 | .0319382 | .2268884 | .1139828 | .1674953 | 18.06122 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4578228 | 348.7762 | 5.418000 | 364.1523 | 3.690308 | -.005502 |
| #2 | .4553307 | 348.7604 | 5.442640 | 364.3393 | 3.681806 | -.004251 |
| #3 | .4555356 | 348.9608 | 5.430564 | 364.9469 | 3.693823 | -.006129 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.097432 | .7605816 | 1.302102 | 17.14148 | F 19.51673 | .3591665 |
| Stddev | .048589  | .0130351 | .002429  | .02462   | .07018     | .0006655 |
| %RSD   | .9532134 | 1.713828 | .1865412 | .1436285 | .3596037   | .1852760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.152937 | .7460553 | 1.301123 | 17.16541 | 19.51369 | .3592747 |
| #2 | 5.076775 | .7644314 | 1.300314 | 17.11623 | 19.44812 | .3584536 |
| #3 | 5.062584 | .7712582 | 1.304867 | 17.14281 | 19.58839 | .3597712 |

Sample Name: P4497-10      Acquired: 10/31/2024 20:19:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068369 | 7.614950 | 10.06813 | .0277712 | 2.552061 | .0959596 |
| Stddev | .0005957 | .027960  | .01570   | .0032587 | .001143  | .0004345 |
| %RSD   | 8.713540 | .3671677 | .1559341 | 11.73397 | .0447741 | .4528361 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0069607 | 7.643208 | 10.05840 | .0242343 | 2.551190 | .0954874 |
| #2 | .0061890 | 7.587298 | 10.05975 | .0284275 | 2.553355 | .0963426 |
| #3 | .0073610 | 7.614345 | 10.08624 | .0306517 | 2.551639 | .0960487 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.068078 |
| Stddev | .001033  |
| %RSD   | .0499608 |

|    |          |
|----|----------|
| #1 | 2.068936 |
| #2 | 2.068368 |
| #3 | 2.066931 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 903.0020 | 22435.84 | 2709.081 | 762.8445 | 1429.414 |
| Stddev    | 1.3882   | 34.64    | 5.952    | 1.3047   | 2.239    |
| %RSD      | .1537298 | .1543758 | .2196984 | .1710251 | .1566660 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 902.3956 | 22420.08 | 2702.526 | 763.2288 | 1427.837 |
| #2 | 904.5902 | 22411.90 | 2714.147 | 763.9139 | 1431.977 |
| #3 | 902.0202 | 22475.56 | 2710.571 | 761.3909 | 1428.426 |

Sample Name: P4497-11      Acquired: 10/31/2024 20:24:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016524 | -.064896 | .1987080 | -.012155 | .0053257 | 129.9209 |
| Stddev | .012406  | .005692  | .0042917 | .001868  | .0041252 | .1947    |
| %RSD   | 75.07885 | 8.771375 | 2.159793 | 15.36953 | 77.45946 | .1498598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.013564 | -.065808 | .1972562 | -.011498 | .0081611 | 129.8218 |
| #2 | -.030143 | -.058803 | .1953306 | -.014263 | .0072227 | 130.1452 |
| #3 | -.005866 | -.070077 | .2035373 | -.010705 | .0005932 | 129.7957 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.219920 | .0094292 | .0180374 | F 1535.063 | 2.330849 | .3063405 |
| Stddev | .003069  | .0003522 | .0001860 | 4.308      | .005486  | .0006862 |
| %RSD   | .2515804 | 3.735294 | 1.031020 | .2806186   | .2353674 | .2239868 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.221372 | .0093228 | .0181840 | 1530.262 | 2.326569 | .3066453 |
| #2 | 1.221994 | .0098224 | .0180999 | 1536.336 | 2.337034 | .3055548 |
| #3 | 1.216395 | .0091425 | .0178282 | 1538.591 | 2.328945 | .3068215 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4481832 | 380.7724 | 5.755474 | 309.3202 | 3.230059 | -.004099 |
| Stddev | .0021457 | 1.0434   | .003851  | .7579    | .010118  | .000394  |
| %RSD   | .4787574 | .2740335 | .0669138 | .2450175 | .3132451 | 9.621894 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4462162 | 380.4934 | 5.753216 | 308.8847 | 3.236150 | -.003669 |
| #2 | .4478619 | 381.9270 | 5.759920 | 310.1954 | 3.218379 | -.004443 |
| #3 | .4504714 | 379.8969 | 5.753285 | 308.8806 | 3.235647 | -.004186 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.595323 | .9065737 | 1.557464 | 10.64298 | F 10.82759 | .3709667 |
| Stddev | .396305  | .0095672 | .006775  | .04197   | .01161     | .0040982 |
| %RSD   | 8.624087 | 1.055311 | .4350035 | .3943377 | .1072138   | 1.104729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.385204 | .8982404 | 1.549847 | 10.68936 | 10.83290 | .3726638 |
| #2 | 5.052440 | .9170211 | 1.562819 | 10.60762 | 10.81428 | .3739437 |
| #3 | 4.348324 | .9044596 | 1.559725 | 10.63196 | 10.83559 | .3662926 |

Sample Name: P4497-11      Acquired: 10/31/2024 20:24:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089513 | 5.768091 | 8.257133 | .0189626 | 4.063657 | .1472824 |
| Stddev | .0010397 | .018790  | .026571  | .0011384 | .009630  | .0017877 |
| %RSD   | 11.61513 | .3257579 | .3217894 | 6.003647 | .2369792 | 1.213795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0077790 | 5.778570 | 8.232860 | .0192990 | 4.064703 | .1468000 |
| #2 | .0097618 | 5.746398 | 8.253018 | .0176938 | 4.072722 | .1457855 |
| #3 | .0093131 | 5.779305 | 8.285521 | .0198948 | 4.053547 | .1492619 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.682468 |
| Stddev | .005347  |
| %RSD   | .1993464 |

|    |          |
|----|----------|
| #1 | 2.684826 |
| #2 | 2.686230 |
| #3 | 2.676346 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 916.6370 | 22901.85 | 2787.050 | 780.3319 | 1385.327 |
| Stddev    | .7193    | 35.39    | 5.262    | 3.2329   | 2.967    |
| %RSD      | .0784751 | .1545481 | .1888076 | .4142930 | .2141660 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 917.3424 | 22862.54 | 2792.727 | 783.6961 | 1385.206 |
| #2 | 915.9046 | 22931.19 | 2786.088 | 777.2487 | 1388.352 |
| #3 | 916.6640 | 22911.81 | 2782.335 | 780.0510 | 1382.422 |

Sample Name: P4497-12      Acquired: 10/31/2024 20:28:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.014262 | -.048340 | .2495952 | -.014741 | .0040972 | 117.2225 |
| Stddev | .002949  | .002234  | .0072337 | .009709  | .0031431 | .3924    |
| %RSD   | 20.67616 | 4.621928 | 2.898159 | 65.86423 | 76.71420 | .3347465 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.011126 | -.047809 | .2417152 | -.016578 | .0074814 | 117.4105 |
| #2 | -.016979 | -.050792 | .2511363 | -.023401 | .0012695 | 116.7714 |
| #3 | -.014680 | -.046419 | .2559342 | -.004245 | .0035406 | 117.4855 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.332039 | .0075980 | .0172239 | F 1145.286 | 2.817149 | .2953983 |
| Stddev | .005518  | .0000930 | .0002624 | 7.467      | .002781  | .0003932 |
| %RSD   | .4142852 | 1.224685 | 1.523543 | .6519520   | .0987305 | .1331240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.330386 | .0077033 | .0170531 | 1153.680 | 2.820359 | .2951631 |
| #2 | 1.327536 | .0075269 | .0170926 | 1139.384 | 2.815485 | .2951795 |
| #3 | 1.338195 | .0075638 | .0175261 | 1142.793 | 2.815601 | .2958522 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5242551 | 334.4178 | 5.433303 | 412.2562 | 4.217300 | -.003599 |
| Stddev | .0046974 | .6140    | .014013  | .2847    | .011806  | .000573  |
| %RSD   | .8960094 | .1835904 | .2579070 | .0690594 | .2799394 | 15.92203 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5225203 | 334.8391 | 5.446503 | 412.4307 | 4.203838 | -.003599 |
| #2 | .5206719 | 333.7133 | 5.418598 | 411.9276 | 4.225892 | -.003026 |
| #3 | .5295731 | 334.7009 | 5.434809 | 412.4102 | 4.222171 | -.004172 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.623682 | .6871202 | 1.886246 | 12.80629 | F 20.60864 | .3635233 |
| Stddev | .285244  | .0112669 | .016790  | .08736   | .05759     | .0023678 |
| %RSD   | 6.169193 | 1.639729 | .8901109 | .6821529 | .2794438   | .6513414 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.793407 | .6967566 | 1.902616 | 12.81414 | 20.56217 | .3631682 |
| #2 | 4.294362 | .6747325 | 1.869066 | 12.88945 | 20.59068 | .3613531 |
| #3 | 4.783276 | .6898716 | 1.887056 | 12.71526 | 20.67307 | .3660485 |

Sample Name: P4497-12      Acquired: 10/31/2024 20:28:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084744 | 9.417061 | 9.529202 | .0305055 | 2.666323 | .0842501 |
| Stddev | .0002974 | .039070  | .042555  | .0040781 | .009990  | .0006200 |
| %RSD   | 3.509014 | .4148823 | .4465791 | 13.36834 | .3746732 | .7359243 |
| #1     | .0082263 | 9.418412 | 9.578186 | .0349060 | 2.674196 | .0835901 |
| #2     | .0088040 | 9.377333 | 9.508084 | .0268536 | 2.655085 | .0843398 |
| #3     | .0083928 | 9.455437 | 9.501336 | .0297569 | 2.669687 | .0848204 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.450769 |
| Stddev | .008065  |
| %RSD   | .3290762 |
| #1     | 2.447479 |
| #2     | 2.444868 |
| #3     | 2.459958 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.7185 | 22234.96 | 2713.998 | 755.9034 | 1423.850 |
| Stddev    | 1.5980   | 32.11    | 13.758   | 5.0727   | .976     |
| %RSD      | .1792003 | .1443922 | .5069312 | .6710784 | .0685711 |
| #1        | 893.2877 | 22228.81 | 2699.007 | 750.2246 | 1424.338 |
| #2        | 890.0932 | 22206.38 | 2716.939 | 759.9860 | 1422.726 |
| #3        | 891.7744 | 22269.70 | 2726.047 | 757.4995 | 1424.486 |

Sample Name: P4497-13      Acquired: 10/31/2024 20:33:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043148 | -.046828 | .2187286 | -.012680 | .0024540 | 84.67084 |
| Stddev | .002365  | .002772  | .0027916 | .007532  | .0026614 | .13572   |
| %RSD   | 5.480594 | 5.919905 | 1.276272 | 59.40336 | 108.4522 | .1602922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.044499 | -.043863 | .2184291 | -.006295 | .0030336 | 84.77488 |
| #2 | -.040417 | -.049355 | .2216579 | -.010757 | .0047779 | 84.51732 |
| #3 | -.044528 | -.047265 | .2160989 | -.020987 | -.000449 | 84.72032 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4695525 | .0061081 | .0140147 | F 1053.407 | 5.837580 | .5698480 |
| Stddev | .0023336 | .0002271 | .0003087 | 2.831      | .041218  | .0003245 |
| %RSD   | .4969836 | 3.718085 | 2.202514 | .2687245   | .7060824 | .0569481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4709885 | .0063198 | .0136609 | 1054.566 | 5.792374 | .5695590 |
| #2 | .4708091 | .0061363 | .0141545 | 1050.180 | 5.873076 | .5701991 |
| #3 | .4668599 | .0058683 | .0142287 | 1055.473 | 5.847290 | .5697859 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .3662944 | 352.1628 | 5.978025 | F 916.2807 | F 9.761518 | .0005417 |
| Stddev | .0103850 | .3860    | .015521  | 1.4162     | .004917    | .0007711 |
| %RSD   | 2.835137 | .1096086 | .2596402 | .1545630   | .0503667   | 142.3460 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3677819 | 352.4252 | 5.994961 | 917.6932 | 9.756719 | -.000219 |
| #2 | .3758554 | 351.7196 | 5.974636 | 914.8608 | 9.766544 | .000522  |
| #3 | .3552459 | 352.3435 | 5.964478 | 916.2882 | 9.761289 | .001323  |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.575743 | .6351262 | 1.382917 | 10.51938 | F 12.49634 | .4441060 |
| Stddev | .228572  | .0024647 | .012041  | .16033   | .01233     | .0026460 |
| %RSD   | 2.386990 | .3880582 | .8707250 | 1.524123 | .0987057   | .5957976 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.834525 | .6324673 | 1.369022 | 10.69928 | 12.48899 | .4471182 |
| #2 | 9.401416 | .6355770 | 1.390308 | 10.46728 | 12.48945 | .4430428 |
| #3 | 9.491289 | .6373343 | 1.389421 | 10.39158 | 12.51058 | .4421569 |



Sample Name: P4497-13      Acquired: 10/31/2024 20:33:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087963 | 14.91007 | 6.595566 | .0267385 | 3.711493 | .0824826 |
| Stddev | .0007777 | .01781   | .031912  | .0014040 | .011659  | .0016275 |
| %RSD   | 8.841636 | .1194231 | .4838443 | 5.250705 | .3141264 | 1.973143 |
| #1     | .0090086 | 14.91144 | 6.628017 | .0252102 | 3.710867 | .0843248 |
| #2     | .0079345 | 14.89161 | 6.564221 | .0270342 | 3.700161 | .0812399 |
| #3     | .0094459 | 14.92714 | 6.594460 | .0279710 | 3.723453 | .0818831 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.522317 |
| Stddev | .004555  |
| %RSD   | .1805750 |
| #1     | 2.527383 |
| #2     | 2.521006 |
| #3     | 2.518561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 832.8485 | 21190.31 | 2570.757 | 696.7116 | 1387.063 |
| Stddev    | .3729    | 105.15   | 11.336   | 6.4140   | 1.987    |
| %RSD      | .0447703 | .4962305 | .4409554 | .9206052 | .1432319 |
| #1        | 832.7246 | 21293.62 | 2557.668 | 703.6170 | 1386.100 |
| #2        | 833.2675 | 21083.41 | 2577.168 | 690.9404 | 1385.742 |
| #3        | 832.5533 | 21193.90 | 2577.434 | 695.5774 | 1389.348 |

Sample Name: P4497-14      Acquired: 10/31/2024 20:37:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.062118 | -.052602 | .2475131 | -.003699 | .0033890 | 91.64173 |
| Stddev | .013938  | .006153  | .0009118 | .004112  | .0059192 | .13121   |
| %RSD   | 22.43841 | 11.69797 | .3683792 | 111.1449 | 174.6616 | .1431804 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.071467 | -.050640 | .2467218 | -.005255 | .0086584 | 91.57683 |
| #2 | -.068789 | -.047669 | .2473075 | -.006806 | .0045241 | 91.55561 |
| #3 | -.046098 | -.059497 | .2485102 | .000963  | -.003016 | 91.79274 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4506461 | .0068153 | .0134025 | F 974.8580 | 4.774952 | .4391178 |
| Stddev | .0003027 | .0004441 | .0000565 | .5925      | .000793  | .0008274 |
| %RSD   | .0671753 | 6.516948 | .4212822 | .0607801   | .0166103 | .1884195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4509677 | .0067687 | .0133882 | 974.1743 | 4.775602 | .4387329 |
| #2 | .4506038 | .0072809 | .0134647 | 975.1782 | 4.775186 | .4400675 |
| #3 | .4503666 | .0063962 | .0133546 | 975.2216 | 4.774068 | .4385530 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2929830 | 378.0730 | 5.186916 | 676.5381 | F 7.226765 | -.005935 |
| Stddev | .0097289 | .4596    | .015703  | 1.5966   | .006349    | .000055  |
| %RSD   | 3.320620 | .1215705 | .3027384 | .2359899 | .0878512   | .9324386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2836386 | 378.2130 | 5.180642 | 674.6981 | 7.234076 | -.005889 |
| #2 | .3030554 | 377.5596 | 5.175321 | 677.3594 | 7.222635 | -.005996 |
| #3 | .2922549 | 378.4463 | 5.204786 | 677.5568 | 7.223585 | -.005919 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 10.37616 | .7058721 | 1.661571 | 10.11440 | F 10.11809 | .4436426 |
| Stddev | .52594   | .0048490 | .008140  | .09417   | .01914     | .0045767 |
| %RSD   | 5.068767 | .6869460 | .4899180 | .9310685 | .1892091   | 1.031625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.97007 | .7103402 | 1.669586 | 10.22314 | 10.13094 | .4449073 |
| #2 | 9.96935  | .7065604 | 1.653311 | 10.06004 | 10.09609 | .4474540 |
| #3 | 10.18905 | .7007158 | 1.661816 | 10.06002 | 10.12724 | .4385666 |

Sample Name: P4497-14      Acquired: 10/31/2024 20:37:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086192 | 18.92312 | 4.440975 | .0323566 | 4.801966 | .1049036 |
| Stddev | .0007358 | .01561   | .009780  | .0019175 | .005014  | .0015634 |
| %RSD   | 8.536452 | .0824764 | .2202330 | 5.926259 | .1044248 | 1.490296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0082651 | 18.91143 | 4.433122 | .0302564 | 4.797048 | .1066389 |
| #2 | .0094651 | 18.91708 | 4.451930 | .0327996 | 4.807072 | .1036051 |
| #3 | .0081275 | 18.94084 | 4.437872 | .0340139 | 4.801777 | .1044666 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.470117 |
| Stddev | .002324  |
| %RSD   | .0940715 |

|    |          |
|----|----------|
| #1 | 2.470198 |
| #2 | 2.467754 |
| #3 | 2.472399 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 829.3301 | 21186.54 | 2597.365 | 696.8318 | 1403.170 |
| Stddev    | .2036    | 16.90    | 3.852    | 3.8928   | 2.712    |
| %RSD      | .0245524 | .0797678 | .1483179 | .5586387 | .1932411 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 829.2569 | 21195.68 | 2601.297 | 693.6901 | 1400.122 |
| #2 | 829.5602 | 21167.03 | 2593.598 | 701.1867 | 1405.316 |
| #3 | 829.1732 | 21196.90 | 2597.201 | 695.6185 | 1404.071 |

Sample Name: P4497-15      Acquired: 10/31/2024 20:42:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.021752 | -.056612 | .1868007 | -.005373 | .0060521 | 108.4619 |
| Stddev | .008233  | .002547  | .0042293 | .006415  | .0016035 | .1587    |
| %RSD   | 37.84989 | 4.499372 | 2.264097 | 119.3898 | 26.49458 | .1462891 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.018348 | -.056988 | .1828096 | -.011603 | .0058816 | 108.2931 |
| #2 | -.031142 | -.053898 | .1912336 | .001212  | .0077340 | 108.6080 |
| #3 | -.015767 | -.058951 | .1863587 | -.005729 | .0045407 | 108.4846 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4086867 | .0076400 | .0134379 | F 1329.481 | 3.628596 | .3486967 |
| Stddev | .0008164 | .0003636 | .0004585 | 5.849      | .006609  | .0026483 |
| %RSD   | .1997674 | 4.758929 | 3.411685 | .4399769   | .1821311 | .7594811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4085693 | .0074096 | .0131054 | 1329.262 | 3.621850 | .3469076 |
| #2 | .4095555 | .0074513 | .0132474 | 1323.744 | 3.628880 | .3474435 |
| #3 | .4079353 | .0080591 | .0139609 | 1335.437 | 3.635059 | .3517390 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2941783 | 351.6804 | 4.913012 | 451.0943 | F 5.089686 | -.000250 |
| Stddev | .0005623 | .6190    | .012400  | .2029    | .025739    | .000264  |
| %RSD   | .1911299 | .1760164 | .2523951 | .0449750 | .5057104   | 105.6398 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2947978 | 351.1218 | 4.915547 | 451.0864 | 5.073721 | -.000329 |
| #2 | .2937003 | 351.5736 | 4.923949 | 451.3010 | 5.075958 | .000044  |
| #3 | .2940369 | 352.3459 | 4.899541 | 450.8955 | 5.119379 | -.000467 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.12763 | .7940401 | .9085592 | 11.84606 | 6.753991 | .4076764 |
| Stddev | .29967   | .0113810 | .0044902 | .13225   | .025720  | .0017822 |
| %RSD   | 2.282757 | 1.433307 | .4942146 | 1.116411 | .3808167 | .4371705 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.41308 | .8006217 | .9075404 | 11.97369 | 6.734280 | .4060024 |
| #2 | 12.81552 | .8006001 | .9134713 | 11.70963 | 6.744606 | .4074767 |
| #3 | 13.15428 | .7808984 | .9046659 | 11.85484 | 6.783085 | .4095501 |

Sample Name: P4497-15      Acquired: 10/31/2024 20:42:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0130981 | 55.29011 | 5.594485 | .0121486 | 5.729079 | .1458821 |
| Stddev | .0008590 | .30563   | .010902  | .0026226 | .002064  | .0022838 |
| %RSD   | 6.557959 | .5527838 | .1948767 | 21.58731 | .0360243 | 1.565480 |
| #1     | .0129431 | 55.05680 | 5.589028 | .0094668 | 5.731449 | .1441859 |
| #2     | .0140240 | 55.17744 | 5.607039 | .0147076 | 5.727673 | .1449815 |
| #3     | .0123272 | 55.63608 | 5.587389 | .0122714 | 5.728116 | .1484788 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.602553 |
| Stddev | .002102  |
| %RSD   | .0583470 |
| #1     | 3.603021 |
| #2     | 3.604382 |
| #3     | 3.600257 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 869.0865 | 21852.11 | 2677.748 | 732.7334 | 1393.388 |
| Stddev    | 2.2075   | 30.64    | 6.859    | 1.7852   | 5.523    |
| %RSD      | .2540074 | .1402358 | .2561571 | .2436298 | .3964055 |
| #1        | 871.3424 | 21843.89 | 2677.497 | 733.9079 | 1395.729 |
| #2        | 868.9864 | 21826.41 | 2671.018 | 730.6791 | 1397.356 |
| #3        | 866.9308 | 21886.03 | 2684.729 | 733.6131 | 1387.080 |

Sample Name: P4497-16      Acquired: 10/31/2024 20:46:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.027933 | -.055239 | .1595763 | -.013220 | .0004263 | 113.6442 |
| Stddev | .004035  | .001687  | .0080575 | .004959  | .0014155 | .2978    |
| %RSD   | 14.44489 | 3.054704 | 5.049284 | 37.51149 | 332.0456 | .2620169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.028116 | -.054956 | .1548890 | -.012935 | .0001330 | 113.3047 |
| #2 | -.031873 | -.053710 | .1688802 | -.018315 | .0019655 | 113.8614 |
| #3 | -.023810 | -.057049 | .1549598 | -.008409 | -.000820 | 113.7664 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3463439 | .0076188 | .0150069 | F 1430.911 | 2.480382 | .2936744 |
| Stddev | .0016842 | .0002524 | .0003649 | 7.003      | .007188  | .0008701 |
| %RSD   | .4862785 | 3.313496 | 2.431398 | .4893768   | .2897862 | .2962834 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3461329 | .0078858 | .0146333 | 1426.289 | 2.488677 | .2926749 |
| #2 | .3481236 | .0075866 | .0150252 | 1438.968 | 2.476002 | .2940854 |
| #3 | .3447751 | .0073840 | .0153624 | 1427.478 | 2.476466 | .2942629 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2828961 | 367.1689 | 5.394998 | 341.0375 | 3.627756 | -.002027 |
| Stddev | .0012372 | .9440    | .008467  | .4131    | .003606  | .000387  |
| %RSD   | .4373356 | .2571031 | .1569499 | .1211398 | .0994077 | 19.07047 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2841690 | 366.2721 | 5.390813 | 340.5662 | 3.629528 | -.001710 |
| #2 | .2816980 | 367.0806 | 5.404743 | 341.2093 | 3.623606 | -.001914 |
| #3 | .2828212 | 368.1539 | 5.389438 | 341.3370 | 3.630133 | -.002458 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.26857 | .7480453 | .7751967 | 11.50316 | 5.859063 | .4068534 |
| Stddev | .03011   | .0078857 | .0021476 | .12004   | .018774  | .0006838 |
| %RSD   | .2454214 | 1.054171 | .2770440 | 1.043509 | .3204255 | .1680638 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.25033 | .7407723 | .7749490 | 11.52304 | 5.862655 | .4061520 |
| #2 | 12.30332 | .7469370 | .7774575 | 11.61201 | 5.838752 | .4068902 |
| #3 | 12.25205 | .7564264 | .7731837 | 11.37442 | 5.875781 | .4075181 |

Sample Name: P4497-16      Acquired: 10/31/2024 20:46:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094342 | F 104.7074 | 6.932564 | .0141434 | 4.715198 | .1601421 |
| Stddev | .0018132 | .1449      | .030796  | .0012286 | .014511  | .0029332 |
| %RSD   | 19.21961 | .1383420   | .4442288 | 8.686865 | .3077448 | 1.831616 |
| #1     | .0073462 | 104.6642   | 6.914645 | .0151139 | 4.698491 | .1574187 |
| #2     | .0106122 | 104.5891   | 6.968125 | .0127620 | 4.722441 | .1597600 |
| #3     | .0103442 | 104.8689   | 6.914924 | .0145542 | 4.724661 | .1632476 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.285735 |
| Stddev | .002109  |
| %RSD   | .0641960 |
| #1     | 3.284137 |
| #2     | 3.288125 |
| #3     | 3.284942 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 882.1738 | 22016.81 | 2714.732 | 743.3703 | 1390.242 |
| Stddev    | .4722    | 46.25    | 5.825    | 4.3526   | .868     |
| %RSD      | .0535324 | .2100472 | .2145639 | .5855274 | .0624483 |
| #1        | 881.6320 | 21997.93 | 2720.070 | 738.3843 | 1389.441 |
| #2        | 882.4984 | 22069.51 | 2708.519 | 746.4115 | 1391.165 |
| #3        | 882.3909 | 21982.99 | 2715.607 | 745.3150 | 1390.121 |

Sample Name: CCV011      Acquired: 10/31/2024 20:51:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.003222 | 4.820987 | 24.44624 | 4.839728 | 4.932038 | 416.6386 | 10.26118 |
| Stddev | .011641  | .005517  | .00884   | .022760  | .016141  | .7007    | .01599   |
| %RSD   | .2326762 | .1144293 | .0361466 | .4702831 | .3272652 | .1681688 | .1558650 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.005981 | 4.816926 | 24.45334 | 4.814360 | 4.926379 | 416.8594 | 10.26522 |
| #2 | 5.013236 | 4.827267 | 24.44904 | 4.858361 | 4.950246 | 415.8541 | 10.24355 |
| #3 | 4.990449 | 4.818766 | 24.43635 | 4.846464 | 4.919489 | 417.2022 | 10.27476 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5359719 | 2.466476 | 416.2532 | 15.31359 | 2.497182 | 15.06483 | 418.0082 |
| Stddev | .0022943 | .002319  | .8708    | .01698   | .004623  | .04062   | .8059    |
| %RSD   | .4280602 | .0940394 | .2092015 | .1108796 | .1851299 | .2696146 | .1928048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5353184 | 2.465162 | 416.2140 | 15.29799 | 2.497129 | 15.09037 | 417.8958 |
| #2 | .5340753 | 2.469155 | 415.4026 | 15.31110 | 2.501831 | 15.01800 | 417.2644 |
| #3 | .5385221 | 2.465113 | 417.1429 | 15.33167 | 2.492586 | 15.08614 | 418.8645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.50575 | 409.7783 | 2.478700 | 1.325504 | 416.6985 | 2.526243 | 14.56271 |
| Stddev | .02740   | .3818    | .005414  | .006421  | .6897    | .031503  | .08343   |
| %RSD   | .1889151 | .0931632 | .2184151 | .4844138 | .1655173 | 1.247037 | .5729233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.53364 | 410.2192 | 2.475594 | 1.319850 | 417.0912 | 2.501448 | 14.46785 |
| #2 | 14.47886 | 409.5570 | 2.484952 | 1.324177 | 415.9022 | 2.515589 | 14.59559 |
| #3 | 14.50474 | 409.5589 | 2.475556 | 1.332484 | 417.1022 | 2.561692 | 14.62470 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.9440 | 4.993654 | 5.276407 | 4.844062 | 5.054265 | 5.110729 | 4.918148 |
| Stddev | .2232    | .020765  | .017754  | .012251  | .014108  | .015672  | .006402  |
| %RSD   | .1431573 | .4158322 | .3364717 | .2528986 | .2791292 | .3066420 | .1301780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.1368 | 4.976050 | 5.269300 | 4.830938 | 5.068214 | 5.101880 | 4.917150 |
| #2 | 155.6994 | 5.016555 | 5.263308 | 4.855195 | 5.040003 | 5.101485 | 4.912303 |
| #3 | 155.9957 | 4.988359 | 5.296613 | 4.846054 | 5.054576 | 5.128824 | 4.924991 |



Sample Name: CCV011      Acquired: 10/31/2024 20:51:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV011      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.058787 | 5.412693 | 5.097596 |
| Stddev | .013694  | .009937  | .006094  |
| %RSD   | .2706958 | .1835844 | .1195368 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.055054 | 5.412847 | 5.104082 |
| #2 | 5.047347 | 5.402680 | 5.091991 |
| #3 | 5.073961 | 5.422552 | 5.096715 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 777.0494 | 20570.20 | 2464.570 | 636.3975 | 1424.777 |
| Stddev    | 1.6439   | 44.07    | 9.012    | 2.7689   | .683     |
| %RSD      | .2115514 | .2142413 | .3656561 | .4350855 | .0479246 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.5743 | 20544.52 | 2458.761 | 639.5343 | 1424.045 |
| #2 | 777.2659 | 20621.09 | 2474.952 | 635.3648 | 1425.397 |
| #3 | 775.3080 | 20545.01 | 2459.998 | 634.2934 | 1424.890 |

Sample Name: CCB011      Acquired: 10/31/2024 20:55:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030164 | .0005582 | .0002934 | -.000213 | .0000308 | .0281945 | -.000333 |
| Stddev | .0045665 | .0036469 | .0031102 | .004121  | .0011098 | .0197502 | .000837  |
| %RSD   | 151.3869 | 653.3055 | 1060.248 | 1932.168 | 3606.904 | 70.04970 | 251.3134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002007 | -.002170 | -.002664 | -.004794 | .0010982 | .0110072 | .000231  |
| #2 | .004139  | .004700  | .003537  | .003193  | -.001117 | .0238068 | -.001295 |
| #3 | .006917  | -.000856 | .000008  | .000961  | .000111  | .0497696 | .000065  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001968 | .0000481 | .0391889 | .0013881 | .0004291 | -.002043 | .0361914 |
| Stddev | .0002291 | .0002675 | .0102812 | .0003744 | .0004416 | .005305  | .0205410 |
| %RSD   | 116.4229 | 555.8160 | 26.23503 | 26.97288 | 102.9264 | 259.6046 | 56.75660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004407 | -.000060 | .0494754 | .0017256 | -.000041 | -.007919 | .0410519 |
| #2 | -.000014 | .000353  | .0289130 | .0009854 | .000836  | -.000605 | .0136561 |
| #3 | .000163  | -.000149 | .0391783 | .0014533 | .000492  | .002394  | .0538663 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014180 | -.020780 | -.000108 | -.000768 | .6880695 | -.013325 | .0000416 |
| Stddev | .0025473 | .092069  | .000323  | .000856  | .1001922 | .011075  | .0005788 |
| %RSD   | 179.6381 | 443.0689 | 297.6102 | 111.4245 | 14.56134 | 83.11884 | 1392.795 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041274 | -.020591 | -.000478 | -.001287 | .7911967 | -.024066 | .0007076 |
| #2 | -.000928 | .071195  | .000034  | -.001236 | .5910961 | -.001943 | -.000244 |
| #3 | .001055  | -.112944 | .000119  | .000220  | .6819155 | -.013965 | -.000339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.418134 | -.001479 | .0068176 | .0003536 | -.018359 | -.000397 | .0006516 |
| Stddev | .170109  | .001120  | .0007174 | .0003352 | .006837  | .000401  | .0005475 |
| %RSD   | 40.68280 | 75.72731 | 10.52331 | 94.80557 | 37.24394 | 100.9688 | 84.03403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.266901 | -.002468 | .0062505 | .0004949 | -.020352 | -.000787 | .0002697 |
| #2 | -.385199 | -.000263 | .0076241 | -.000029 | -.010746 | .000013  | .0004061 |
| #3 | -.602301 | -.001706 | .0065782 | .000595  | -.023978 | -.000417 | .0012789 |

Sample Name: CCB011      Acquired: 10/31/2024 20:55:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB011      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010354 | .0098804 | .0002859 |
| Stddev | .0008747 | .0008706 | .0001334 |
| %RSD   | 84.48457 | 8.811378 | 46.65110 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007417 | .0088917 | .0003447 |
| #2 | .0020191 | .0105321 | .0003799 |
| #3 | .0003453 | .0102173 | .0001333 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 956.3431 | 22363.64 | 2555.307 | 804.3645 | 1862.952 |
| Stddev    | 1.8317   | 33.05    | 4.042    | 4.3694   | 5.769    |
| %RSD      | .1915267 | .1477936 | .1582001 | .5432117 | .3096577 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 956.1225 | 22337.85 | 2556.200 | 804.4455 | 1859.209 |
| #2 | 954.6318 | 22400.90 | 2558.829 | 808.6928 | 1860.053 |
| #3 | 958.2751 | 22352.17 | 2550.893 | 799.9552 | 1869.596 |

Sample Name: P4497-17      Acquired: 10/31/2024 20:59:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.036155 | -.048063 | .3399639 | -.005078 | .0039618 | 95.96064 |
| Stddev | .004540  | .007992  | .0050419 | .007084  | .0069335 | .57594   |
| %RSD   | 12.55793 | 16.62858 | 1.483070 | 139.4959 | 175.0085 | .6001805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.034385 | -.055672 | .3385594 | .001422  | -.001234 | 96.62162 |
| #2 | -.041314 | -.039736 | .3455591 | -.004028 | .011835  | 95.56662 |
| #3 | -.032766 | -.048781 | .3357732 | -.012629 | .001285  | 95.69369 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.267090 | .0071432 | .0171713 | F 1606.891 | 5.262725 | .4117392 |
| Stddev | .006044  | .0003558 | .0002609 | 22.524     | .019811  | .0019131 |
| %RSD   | .4770186 | 4.980360 | 1.519089 | 1.401692   | .3764372 | .4646482 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.272396 | .0073133 | .0168752 | 1632.899 | 5.258370 | .4133073 |
| #2 | 1.260511 | .0073820 | .0172714 | 1593.856 | 5.245454 | .4096076 |
| #3 | 1.268363 | .0067343 | .0173673 | 1593.918 | 5.284351 | .4123027 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2865446 | 350.1340 | 5.489875 | 623.3367 | F 7.040863 | .0056216 |
| Stddev | .0030566 | 1.7564   | .022365  | 3.5519   | .022674    | .0010178 |
| %RSD   | 1.066703 | .5016490 | .4073789 | .5698151 | .3220407   | 18.10485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2885919 | 352.1622 | 5.513877 | 627.2846 | 7.058550 | .0062023 |
| #2 | .2830312 | 349.1146 | 5.469621 | 622.3255 | 7.015301 | .0044464 |
| #3 | .2880109 | 349.1253 | 5.486129 | 620.4001 | 7.048737 | .0062162 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.95281 | .7221359 | 2.660173 | 9.093349 | 8.278907 | .4034696 |
| Stddev | .28575   | .0082075 | .017056  | .098555  | .027569  | .0023739 |
| %RSD   | 2.390636 | 1.136554 | .6411496 | 1.083816 | .3329982 | .5883671 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.13012 | .7292254 | 2.641115 | 9.205062 | 8.288767 | .4044373 |
| #2 | 11.62317 | .7240379 | 2.665399 | 9.018696 | 8.247764 | .4007648 |
| #3 | 12.10514 | .7131445 | 2.674004 | 9.056290 | 8.300190 | .4052069 |

Sample Name: P4497-17      Acquired: 10/31/2024 20:59:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0112449 | 79.19331 | 7.119393 | .0355327 | 5.227727 | .1203364 |
| Stddev | .0005866 | .20569   | .027124  | .0015771 | .031623  | .0026070 |
| %RSD   | 5.216435 | .2597337 | .3809940 | 4.438491 | .6049102 | 2.166460 |
| #1     | .0119219 | 79.39941 | 7.143029 | .0373126 | 5.262724 | .1227566 |
| #2     | .0109254 | 78.98803 | 7.125373 | .0349762 | 5.201206 | .1206767 |
| #3     | .0108875 | 79.19248 | 7.089777 | .0343092 | 5.219250 | .1175760 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.908312 |
| Stddev | .021680  |
| %RSD   | .5547122 |
| #1     | 3.933288 |
| #2     | 3.897289 |
| #3     | 3.894358 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 835.4974 | 21378.86 | 2605.748 | 705.3132 | 1350.530 |
| Stddev    | .8752    | 68.49    | 11.645   | 3.3402   | 4.791    |
| %RSD      | .1047509 | .3203436 | .4468781 | .4735723 | .3547242 |
| #1        | 835.3513 | 21379.37 | 2592.900 | 708.9392 | 1345.523 |
| #2        | 836.4365 | 21447.08 | 2608.739 | 704.6383 | 1355.070 |
| #3        | 834.7045 | 21310.12 | 2615.606 | 702.3620 | 1350.997 |

Sample Name: P4497-18      Acquired: 10/31/2024 21:04:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.022407 | -.069064 | .2301788 | -.013772 | .0051037 | 111.0274 |
| Stddev | .008287  | .005158  | .0044299 | .009327  | .0046133 | .1453    |
| %RSD   | 36.98342 | 7.468379 | 1.924556 | 67.72203 | 90.39150 | .1308747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.026150 | -.067254 | .2330928 | -.015028 | .0020447 | 111.1508 |
| #2 | -.028161 | -.065055 | .2323625 | -.022407 | .0028564 | 110.8672 |
| #3 | -.012909 | -.074883 | .2250809 | -.003881 | .0104100 | 111.0642 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4757097 | .0086806 | .0151386 | 695.4167 | 7.646011 | .5949385 |
| Stddev | .0013226 | .0001005 | .0003111 | 2.0162   | .023823  | .0001804 |
| %RSD   | .2780237 | 1.157511 | 2.054969 | .2899319 | .3115743 | .0303169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4741826 | .0086730 | .0154811 | 697.1877 | 7.619508 | .5948307 |
| #2 | .4764611 | .0087847 | .0148735 | 693.2224 | 7.652882 | .5948381 |
| #3 | .4764854 | .0085842 | .0150612 | 695.8398 | 7.665643 | .5951467 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .3066653 | 446.7264 | 5.290023 | F 895.1765 | F 10.23888 | -.012340 |
| Stddev | .0026700 | 1.1297   | .020730  | 2.3965     | .00840     | .001062  |
| %RSD   | .8706463 | .2528941 | .3918775 | .2677095   | .0820701   | 8.602536 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3035828 | 447.8137 | 5.272213 | 896.9616 | 10.23148 | -.013436 |
| #2 | .3082530 | 445.5585 | 5.312779 | 892.4528 | 10.24802 | -.012269 |
| #3 | .3081602 | 446.8070 | 5.285077 | 896.1150 | 10.23714 | -.011316 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.781054 | .9523736 | .6481562 | 13.19651 | 6.931416 | .4743906 |
| Stddev | .189963  | .0095529 | .0062807 | .05401   | .010165  | .0007938 |
| %RSD   | 3.973243 | 1.003058 | .9690058 | .4092609 | .1466446 | .1673280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.891690 | .9545269 | .6413539 | 13.13443 | 6.943038 | .4735000 |
| #2 | 4.889765 | .9419279 | .6537353 | 13.22239 | 6.924187 | .4750236 |
| #3 | 4.561706 | .9606661 | .6493795 | 13.23270 | 6.927022 | .4746483 |

Sample Name: P4497-18      Acquired: 10/31/2024 21:04:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126559 | 26.03081 | 6.974566 | .0341416 | 9.899931 | .1320117 |
| Stddev | .0001264 | .04651   | .007584  | .0051176 | .012892  | .0021234 |
| %RSD   | .9986578 | .1786603 | .1087442 | 14.98934 | .1302253 | 1.608498 |
| #1     | .0127091 | 25.98480 | 6.980273 | .0365946 | 9.914515 | .1312049 |
| #2     | .0127471 | 26.02983 | 6.965960 | .0375709 | 9.895225 | .1344203 |
| #3     | .0125117 | 26.07780 | 6.977465 | .0282592 | 9.890052 | .1304100 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.981748 |
| Stddev | .002225  |
| %RSD   | .1122910 |
| #1     | 1.979222 |
| #2     | 1.982605 |
| #3     | 1.983418 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 856.8013 | 22060.76 | 2669.005 | 711.2070 | 1428.198 |
| Stddev    | .7874    | 112.25   | 5.433    | 8.2628   | 1.630    |
| %RSD      | .0919057 | .5088093 | .2035527 | 1.161794 | .1141260 |
| #1        | 856.6878 | 22190.37 | 2667.083 | 719.7242 | 1428.221 |
| #2        | 857.6394 | 21996.51 | 2675.137 | 703.2247 | 1426.556 |
| #3        | 856.0768 | 21995.41 | 2664.794 | 710.6722 | 1429.816 |

Sample Name: P4497-19      Acquired: 10/31/2024 21:08:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.065780 | -.059310 | .2058004 | -.008475 | .0037588 | 105.2255 |
| Stddev | .007725  | .001778  | .0049327 | .013918  | .0027531 | .3211    |
| %RSD   | 11.74330 | 2.998643 | 2.396841 | 164.2248 | 73.24502 | .3051116 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.058632 | -.057478 | .2049666 | -.018990 | .0040595 | 104.9359 |
| #2 | -.073975 | -.061030 | .2110968 | .007308  | .0063491 | 105.1700 |
| #3 | -.064734 | -.059421 | .2013377 | -.013744 | .0008676 | 105.5707 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4570285 | .0079704 | .0134589 | 770.7325 | 7.337961 | .4329937 |
| Stddev | .0021367 | .0002774 | .0007289 | 1.1083   | .011879  | .0017075 |
| %RSD   | .4675266 | 3.480398 | 5.415764 | .1437998 | .1618830 | .3943574 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4556039 | .0078100 | .0142361 | 770.1496 | 7.351511 | .4344701 |
| #2 | .4594854 | .0078105 | .0127905 | 770.0374 | 7.329340 | .4311237 |
| #3 | .4559964 | .0082907 | .0133500 | 772.0107 | 7.333032 | .4333871 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2661644 | 405.3811 | 4.262028 | 779.1466 | F 8.524348 | -.008093 |
| Stddev | .0013933 | .6817    | .025743  | 2.6944   | .018580    | .000262  |
| %RSD   | .5234591 | .1681629 | .6040118 | .3458117 | .2179589   | 3.237241 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2665016 | 404.7327 | 4.233416 | 778.6235 | 8.528684 | -.008087 |
| #2 | .2673580 | 405.3187 | 4.283314 | 776.7521 | 8.503984 | -.007835 |
| #3 | .2646334 | 406.0918 | 4.269355 | 782.0642 | 8.540376 | -.008358 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.396869 | .9426983 | .6063553 | 9.664554 | 5.772865 | .4292852 |
| Stddev | .164717  | .0096145 | .0023720 | .047204  | .012135  | .0006993 |
| %RSD   | 3.746245 | 1.019897 | .3911910 | .4884270 | .2102081 | .1629041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.587005 | .9487101 | .6058354 | 9.680976 | 5.786503 | .4293251 |
| #2 | 4.297559 | .9316095 | .6042863 | 9.701355 | 5.763260 | .4285668 |
| #3 | 4.306042 | .9477753 | .6089441 | 9.611332 | 5.768833 | .4299638 |



Sample Name: P4497-19      Acquired: 10/31/2024 21:08:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0114278 | 30.32296 | 4.093005 | .0461768 | 9.891957 | .1217075 |
| Stddev | .0008044 | .09453   | .012507  | .0028147 | .011486  | .0022813 |
| %RSD   | 7.038762 | .3117508 | .3055729 | 6.095449 | .1161123 | 1.874447 |
| #1     | .0120179 | 30.33851 | 4.079038 | .0493251 | 9.883715 | .1190978 |
| #2     | .0105116 | 30.22162 | 4.096805 | .0439037 | 9.905077 | .1227017 |
| #3     | .0117540 | 30.40876 | 4.103170 | .0453015 | 9.887080 | .1233230 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.119481 |
| Stddev | .001708  |
| %RSD   | .0805773 |
| #1     | 2.117521 |
| #2     | 2.120649 |
| #3     | 2.120273 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 830.3933 | 21429.30 | 2607.798 | 686.2789 | 1413.886 |
| Stddev    | 1.1170   | 66.93    | 6.242    | 1.5139   | 2.685    |
| %RSD      | .1345091 | .3123278 | .2393413 | .2206027 | .1898791 |
| #1        | 829.4734 | 21437.71 | 2613.663 | 687.0513 | 1411.959 |
| #2        | 830.0704 | 21358.56 | 2601.238 | 684.5345 | 1416.953 |
| #3        | 831.6362 | 21491.62 | 2608.493 | 687.2508 | 1412.747 |

Sample Name: P4497-20      Acquired: 10/31/2024 21:12:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.020473 | -.046208 | .1805363 | .0000036 | -.000040 | 115.6569 |
| Stddev | .003832  | .003041  | .0048554 | .0039528 | .005906  | .3772    |
| %RSD   | 18.71751 | 6.582191 | 2.689451 | 109196.1 | 14775.98 | .3260994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.019424 | -.045087 | .1764615 | .0035991 | -.006014 | 115.8447 |
| #2 | -.017275 | -.043885 | .1792387 | .0006408 | .005796  | 115.2227 |
| #3 | -.024720 | -.049651 | .1859087 | -.004229 | .000098  | 115.9032 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7881298 | .0068936 | .0112161 | F 1284.514 | 2.376004 | .2559277 |
| Stddev | .0031119 | .0001594 | .0001277 | 6.360      | .003379  | .0008188 |
| %RSD   | .3948442 | 2.311709 | 1.138357 | .4951412   | .1422005 | .3199352 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7907361 | .0067946 | .0112930 | 1286.888 | 2.379898 | .2549863 |
| #2 | .7846844 | .0068088 | .0112865 | 1277.309 | 2.373849 | .2564741 |
| #3 | .7889688 | .0070775 | .0110687 | 1289.346 | 2.374264 | .2563228 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2934050 | 295.3210 | 5.130694 | 279.6951 | 2.739701 | .0011769 |
| Stddev | .0036174 | .9943    | .017901  | .5249    | .008314  | .0007807 |
| %RSD   | 1.232903 | .3366804 | .3489033 | .1876551 | .3034634 | 66.33563 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2975729 | 296.2581 | 5.143368 | 279.3695 | 2.730107 | .0017247 |
| #2 | .2915607 | 294.2780 | 5.110215 | 279.4152 | 2.744201 | .0002830 |
| #3 | .2910815 | 295.4270 | 5.138498 | 280.3006 | 2.744795 | .0015230 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.130507 | .8073902 | .6830168 | 9.615351 | 6.958375 | .3383869 |
| Stddev | .110586  | .0055203 | .0036476 | .117435  | .026362  | .0031891 |
| %RSD   | 1.211165 | .6837152 | .5340360 | 1.221325 | .3788573 | .9424342 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.071559 | .8010163 | .6870722 | 9.749875 | 6.930232 | .3414835 |
| #2 | 9.061885 | .8105275 | .6800041 | 9.562870 | 6.962399 | .3351128 |
| #3 | 9.258078 | .8106270 | .6819742 | 9.533309 | 6.982493 | .3385643 |

Sample Name: P4497-20      Acquired: 10/31/2024 21:12:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034961 | 30.66549 | 4.533982 | .0170351 | 5.928920 | .1428213 |
| Stddev | .0010061 | .04562   | .024008  | .0030762 | .022056  | .0011439 |
| %RSD   | 28.77953 | .1487687 | .5295184 | 18.05814 | .3720108 | .8009191 |
| #1     | .0037518 | 30.61281 | 4.543931 | .0178287 | 5.940675 | .1437124 |
| #2     | .0023867 | 30.69149 | 4.506598 | .0136398 | 5.903476 | .1415314 |
| #3     | .0043496 | 30.69217 | 4.551415 | .0196368 | 5.942608 | .1432201 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.201852 |
| Stddev | .008578  |
| %RSD   | .3895668 |
| #1     | 2.206517 |
| #2     | 2.191953 |
| #3     | 2.207086 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 874.7695 | 21877.63 | 2685.713 | 736.2005 | 1411.004 |
| Stddev    | 1.4860   | 28.91    | 9.429    | 1.2675   | 1.918    |
| %RSD      | .1698699 | .1321556 | .3510756 | .1721742 | .1359415 |
| #1        | 873.1417 | 21846.38 | 2677.014 | 735.1665 | 1412.965 |
| #2        | 875.1138 | 21903.43 | 2695.733 | 737.6146 | 1410.914 |
| #3        | 876.0532 | 21883.07 | 2684.392 | 735.8204 | 1409.132 |

Sample Name: P4497-21      Acquired: 10/31/2024 21:17:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.037281 | -.069774 | .0925676 | -.006538 | .0033964 | 156.7377 | .4286662 |
| Stddev | .015869  | .002747  | .0061929 | .007284  | .0039219 | 19.5480  | .0531714 |
| %RSD   | 42.56625 | 3.937029 | 6.690125 | 111.4070 | 115.4732 | 12.47180 | 12.40392 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.051293 | -.070042 | .0859131 | -.010864 | -.000804 | 158.6332 | .4350509 |
| #2 | -.020049 | -.066903 | .0936276 | -.010621 | .004032  | 136.3110 | .3725907 |
| #3 | -.040502 | -.072377 | .0981621 | .001871  | .006962  | 175.2689 | .4783570 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102371 | .0156024 | 654.3927 | 1.641052 | .2995534 | .4146423 | 418.9082 |
| Stddev | .0008555 | .0019268 | 80.6053  | .006816  | .0016299 | .0537564 | 51.3733  |
| %RSD   | 8.356421 | 12.34964 | 12.31758 | .4153636 | .5441055 | 12.96452 | 12.26363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103924 | .0155938 | 661.0907 | 1.639352 | .2990849 | .4248050 | 423.6172 |
| #2 | .0093147 | .0175335 | 570.6474 | 1.648557 | .3013662 | .3565299 | 365.3425 |
| #3 | .0110043 | .0136799 | 731.4401 | 1.635246 | .2982091 | .4625919 | 467.7650 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.584431 | 222.6983 | 2.156939 | -.022943 | 22.23400 | 1.159526 | .5788855 |
| Stddev | .547746  | 28.4971  | .001271  | .004468  | 2.70190  | .141600  | .0031992 |
| %RSD   | 11.94796 | 12.79628 | .0589420 | 19.47424 | 12.15211 | 12.21186 | .5526438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.648455 | 224.9416 | 2.158405 | -.023353 | 22.08692 | 1.172763 | .5824311 |
| #2 | 4.007486 | 193.1459 | 2.156270 | -.018284 | 19.60865 | 1.011772 | .5762148 |
| #3 | 5.097351 | 250.0075 | 2.156142 | -.027191 | 25.00644 | 1.294042 | .5780107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.98230 | 7.787281 | .5117730 | .0071746 | 28.30267 | 2.152330 | .0068310 |
| Stddev | 1.85181  | .010196  | .0633986 | .0001886 | .01702   | .223359  | .0037910 |
| %RSD   | 14.26409 | .1309371 | 12.38803 | 2.628549 | .0601183 | 10.37756 | 55.49782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.23019 | 7.776115 | .5206004 | .0073921 | 28.29131 | 2.180623 | .0110826 |
| #2 | 11.01904 | 7.796097 | .4444234 | .0070574 | 28.32223 | 1.916172 | .0038026 |
| #3 | 14.69768 | 7.789630 | .5702954 | .0070742 | 28.29447 | 2.360195 | .0056077 |

Sample Name: P4497-21      Acquired: 10/31/2024 21:17:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.955573 | .2303518 | 1.076858 |
| Stddev | .615505  | .0284080 | .132684  |
| %RSD   | 12.42045 | 12.33246 | 12.32144 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.010414 | .2344446 | 1.090246 |
| #2 | 4.314483 | .2001194 | .937987  |
| #3 | 5.541822 | .2564915 | 1.202340 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 961.0979 | 23798.03 | 2938.019 | 813.1103 | 1487.301 |
| Stddev    | .4144    | 58.62    | 304.287  | 3.0029   | 1.976    |
| %RSD      | .0431198 | .2463051 | 10.35688 | .3693065 | .1328632 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 961.0623 | 23730.75 | 2884.527 | 809.6699 | 1485.098 |
| #2 | 961.5289 | 23825.28 | 3265.505 | 815.2044 | 1488.917 |
| #3 | 960.7024 | 23838.07 | 2664.024 | 814.4566 | 1487.888 |

Sample Name: P4497-22      Acquired: 10/31/2024 21:21:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0152481 | .0108290 | .1406249 | .1294352 | .0967355 | 177.8210 | 4.010398 |
| Stddev | .0036418 | .0083709 | .0065104 | .0076763 | .0024350 | 2.9498   | .073818  |
| %RSD   | 23.88336 | 77.30119 | 4.629636 | 5.930635 | 2.517197 | 1.658842 | 1.840664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0122674 | .0014887 | .1411068 | .1265438 | .0993666 | 181.2092 | 4.094709 |
| #2 | .0141696 | .0176536 | .1338869 | .1381374 | .0962786 | 176.4297 | 3.979099 |
| #3 | .0193073 | .0133446 | .1468810 | .1236245 | .0945612 | 175.8243 | 3.957386 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0991860 | .1054801 | 551.6898 | 2.134914 | 1.263973 | .8765809 | 476.1529 |
| Stddev | .0008821 | .0003174 | 7.2084   | .002915  | .001715  | .0234944 | 6.6267   |
| %RSD   | .8893843 | .3009278 | 1.306599 | .1365596 | .1356534 | 2.680228 | 1.391722 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1000990 | .1053853 | 559.9327 | 2.134203 | 1.265404 | .9027902 | 483.8037 |
| #2 | .0991205 | .1058341 | 548.5694 | 2.132421 | 1.262072 | .8574108 | 472.2193 |
| #3 | .0983384 | .1052208 | 546.5673 | 2.138120 | 1.264441 | .8695416 | 472.4356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.700717 | 236.8899 | 3.329801 | .0632913 | 24.54815 | 2.135415 | 1.388543 |
| Stddev | .093369  | 3.4438   | .005631  | .0005740 | .41596   | .022171  | .006356  |
| %RSD   | 1.637841 | 1.453771 | .1691053 | .9069051 | 1.694473 | 1.038246 | .4577378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.808315 | 240.8655 | 3.333249 | .0627347 | 25.02767 | 2.160956 | 1.394044 |
| #2 | 5.652808 | 234.8226 | 3.323303 | .0638812 | 24.28451 | 2.124157 | 1.381585 |
| #3 | 5.641029 | 234.9817 | 3.332850 | .0632579 | 24.33227 | 2.121131 | 1.389999 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.22660 | 8.629579 | .5744676 | .0068123 | 40.43571 | 4.538417 | .0088318 |
| Stddev | .30251   | .039445  | .0101246 | .0004435 | .12495   | .035857  | .0018494 |
| %RSD   | 2.126388 | .4570950 | 1.762431 | 6.510244 | .3090007 | .7900673 | 20.94033 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.51341 | 8.649584 | .5859003 | .0070831 | 40.53103 | 4.578508 | .0092935 |
| #2 | 14.25588 | 8.584139 | .5666351 | .0070533 | 40.29426 | 4.509415 | .0104066 |
| #3 | 13.91051 | 8.655013 | .5708674 | .0063005 | 40.48185 | 4.527326 | .0067953 |

Sample Name: P4497-22      Acquired: 10/31/2024 21:21:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0S      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.072503 | .2511881 | .9888317 |
| Stddev | .095000  | .0030582 | .0157522 |
| %RSD   | 1.564431 | 1.217511 | 1.593008 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.179803 | .2547006 | 1.007006 |
| #2 | 6.038606 | .2497476 | .980378  |
| #3 | 5.999102 | .2491161 | .979111  |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 948.7970 | 23544.10 | 2821.787 | 798.4386 | 1503.819 |
| Stddev    | 4.5521   | 72.42    | 30.246   | 3.6952   | 1.326    |
| %RSD      | .4797744 | .3075740 | 1.071888 | .4627979 | .0882054 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.5367 | 23490.19 | 2786.894 | 795.3955 | 1502.288 |
| #2 | 943.9203 | 23515.71 | 2837.935 | 802.5503 | 1504.538 |
| #3 | 952.9339 | 23626.42 | 2840.533 | 797.3700 | 1504.631 |

Sample Name: P4497-21LX5      Acquired: 10/31/2024 21:26:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052515 | -.010214 | .0397888 | -.005354 | -.001333 | 24.57451 | .1686621 |
| Stddev | .0050270 | .002378  | .0028094 | .009583  | .004309  | .08487   | .0008257 |
| %RSD   | 95.72471 | 23.28118 | 7.060910 | 178.9936 | 323.1539 | .3453702 | .4895869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016266 | -.007618 | .0428180 | .004187  | -.004869 | 24.48483 | .1677088 |
| #2 | .0031377 | -.010737 | .0392798 | -.014978 | -.002598 | 24.58513 | .1691217 |
| #3 | .0109902 | -.012286 | .0372687 | -.005270 | .003466  | 24.65357 | .1691558 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020575 | .0014559 | 292.1224 | .5364345 | .0506273 | .0624948 | 68.34373 |
| Stddev | .0001190 | .0000333 | .4397    | .0014949 | .0002420 | .0018333 | .22255   |
| %RSD   | 5.783604 | 2.288060 | .1505261 | .2786699 | .4779836 | 2.933446 | .3256393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021915 | .0014264 | 291.6203 | .5360192 | .0508525 | .0603932 | 68.16189 |
| #2 | .0020168 | .0014921 | 292.3082 | .5351911 | .0503714 | .0637649 | 68.27739 |
| #3 | .0019642 | .0014494 | 292.4387 | .5380931 | .0506580 | .0633264 | 68.59191 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.155886 | 60.88760 | .5722448 | .0045934 | 2.420305 | .1702786 | .1475207 |
| Stddev | .008750  | .14909   | .0009385 | .0003093 | .441511  | .0039343 | .0023752 |
| %RSD   | .7570293 | .2448597 | .1640059 | 6.734388 | 18.24197 | 2.310515 | 1.610073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.153172 | 60.72002 | .5711675 | .0045803 | 2.877110 | .1736748 | .1494059 |
| #2 | 1.148814 | 61.00554 | .5728855 | .0042908 | 1.995868 | .1711937 | .1483033 |
| #3 | 1.165672 | 60.93724 | .5726815 | .0049091 | 2.387939 | .1659674 | .1448530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.594392 | 1.356620 | .0793793 | .0002592 | 5.839883 | 1.049104 | -.001207 |
| Stddev | .062982  | .001892  | .0008467 | .0004794 | .023149  | .001337  | .001615  |
| %RSD   | 3.950205 | .1394369 | 1.066647 | 184.9123 | .3963938 | .1274120 | 133.7859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.627253 | 1.354466 | .0800386 | .0001717 | 5.825358 | 1.049684 | -.000677 |
| #2 | 1.521775 | 1.358010 | .0796748 | .0007764 | 5.827712 | 1.050052 | -.003021 |
| #3 | 1.634146 | 1.357385 | .0784244 | -.000170 | 5.866579 | 1.047575 | .000076  |



Sample Name: P4497-21LX5      Acquired: 10/31/2024 21:26:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD0L      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.308060 | .0357427 | .4778914 |
| Stddev | .002021  | .0009049 | .0006964 |
| %RSD   | .1545031 | 2.531598 | .1457319 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.310240 | .0363666 | .4772147 |
| #2 | 1.307689 | .0347049 | .4778536 |
| #3 | 1.306250 | .0361565 | .4786060 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 917.0299 | 22053.18 | 2570.268 | 774.7272 | 1645.027 |
| Stddev    | 1.9204   | 55.90    | 3.919    | 2.6190   | 2.424    |
| %RSD      | .2094108 | .2534920 | .1524909 | .3380542 | .1473361 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 915.2542 | 22026.73 | 2565.802 | 773.5309 | 1642.948 |
| #2 | 919.0679 | 22117.40 | 2571.866 | 777.7307 | 1647.689 |
| #3 | 916.7678 | 22015.42 | 2573.136 | 772.9200 | 1644.444 |

Sample Name: PB164486BL      Acquired: 10/31/2024 21:30:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS486      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000077 | .0000951 | -.000579 | .0024122 | -.000694 | .0184582 | -.000383 |
| Stddev | .005084  | .0031294 | .001450  | .0030253 | .001159  | .0079696 | .000423  |
| %RSD   | 6628.715 | 3289.329 | 250.4172 | 125.4119 | 167.0231 | 43.17661 | 110.6110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002983 | .0036538 | -.000611 | -.000912 | -.001993 | .0116637 | -.000050 |
| #2 | .005794  | -.002227 | .000887  | .005005  | .000236  | .0272305 | -.000239 |
| #3 | -.003041 | -.001141 | -.002013 | .003144  | -.000325 | .0164805 | -.000859 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002637 | -.000052 | .0393658 | .0003776 | .0004518 | .0006751 | .0319949 |
| Stddev | .0000610 | .000101  | .0089067 | .0004379 | .0005876 | .0011681 | .0245405 |
| %RSD   | 23.12116 | 192.4515 | 22.62540 | 115.9616 | 130.0625 | 173.0249 | 76.70139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002370 | -.000053 | .0336140 | .0008292 | .0011269 | .0019236 | .0056282 |
| #2 | .0003335 | -.000153 | .0348582 | .0003487 | .0000546 | .0004930 | .0361873 |
| #3 | .0002207 | .000049  | .0496252 | -.000045 | .0001740 | -.000391 | .0541691 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002851 | -.044174 | .0005216 | .0000398 | .2989177 | -.011519 | -.000022 |
| Stddev | .0002430 | .060345  | .0007110 | .0003305 | .0672694 | .004837  | .000198  |
| %RSD   | 85.24062 | 136.6062 | 136.3036 | 830.6589 | 22.50432 | 41.99363 | 906.5122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001412 | -.030303 | .0012028 | .0001489 | .2380290 | -.012502 | -.000250 |
| #2 | .0001484 | -.110247 | .0005778 | -.000331 | .3711304 | -.006266 | .000075  |
| #3 | .0005656 | .008027  | -.000216 | .000302  | .2875938 | -.015789 | .000109  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.552415 | -.002563 | .0002083 | .0008810 | -.016380 | -.000434 | .0019691 |
| Stddev | .101581  | .000579  | .0012170 | .0003029 | .005624  | .000300  | .0015806 |
| %RSD   | 18.38851 | 22.60807 | 584.2810 | 34.37531 | 34.33529 | 69.05004 | 80.27172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.490496 | -.002932 | .0005413 | .0008003 | -.021177 | -.000298 | .0031509 |
| #2 | -.669648 | -.002861 | -.001141 | .0006268 | -.010190 | -.000227 | .0025827 |
| #3 | -.497100 | -.001895 | .001224  | .0012161 | -.017774 | -.000778 | .0001737 |

Sample Name: PB164486BL      Acquired: 10/31/2024 21:30:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS486      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000068 | .0077548 | -.000006 |
| Stddev | .002207  | .0003407 | .000095  |
| %RSD   | 3226.069 | 4.393506 | 1548.601 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000894 | .0076098 | .000098  |
| #2 | .002433  | .0075105 | -.000030 |
| #3 | -.001744 | .0081440 | -.000087 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 960.7805 | 22339.30 | 2550.186 | 800.4058 | 1871.610 |
| Stddev    | 3.2905   | 36.39    | 13.547   | 3.8945   | 3.290    |
| %RSD      | .3424838 | .1628750 | .5312318 | .4865635 | .1757677 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 957.3262 | 22350.39 | 2543.089 | 804.7452 | 1868.154 |
| #2 | 963.8782 | 22368.85 | 2541.661 | 797.2145 | 1874.703 |
| #3 | 961.1371 | 22298.66 | 2565.807 | 799.2575 | 1871.972 |

Sample Name: PB164486BS      Acquired: 10/31/2024 21:35:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS486      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0203594 | .0526113 | .0199745 | .0657200 | .1119045 | .4285832 |
| Stddev | .0037159 | .0011625 | .0007530 | .0027202 | .0019104 | .0125932 |
| %RSD   | 18.25176 | 2.209678 | 3.769731 | 4.139029 | 1.707203 | 2.938343 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0161781 | .0539178 | .0197251 | .0685100 | .1134446 | .4343239 |
| #2 | .0232842 | .0522253 | .0193779 | .0655745 | .1097667 | .4141425 |
| #3 | .0216158 | .0516909 | .0208206 | .0630755 | .1125023 | .4372832 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4231189 | .0115762 | .0102438 | 11.21401 | .0226627 | .1006065 |
| Stddev | .0009197 | .0000699 | .0000333 | .02228   | .0004299 | .0001911 |
| %RSD   | .2173585 | .6036759 | .3246347 | .1986831 | 1.897101 | .1899363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4228321 | .0116076 | .0102299 | 11.23365 | .0222675 | .1008251 |
| #2 | .4223768 | .0114961 | .0102197 | 11.21858 | .0226001 | .1004712 |
| #3 | .4241478 | .0116249 | .0102817 | 11.18980 | .0231205 | .1005232 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0474579 | .2389098 | .0312862 | 10.90964 | .0838726 | .0225822 |
| Stddev | .0044380 | .0353024 | .0012905 | .08581   | .0007390 | .0002282 |
| %RSD   | 9.351432 | 14.77646 | 4.124781 | .7865950 | .8810736 | 1.010587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0423790 | .2783110 | .0312910 | 11.00770 | .0830365 | .0223630 |
| #2 | .0494059 | .2101583 | .0299933 | 10.87288 | .0841427 | .0228185 |
| #3 | .0505887 | .2282601 | .0325743 | 10.84832 | .0844385 | .0225653 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.42780 | .0992834 | .1151439 | 9.476112 | .0166374 | F .0016975 |
| Stddev | .20561   | .0071445 | .0011428 | .045514  | .0006877 | .0002945   |
| %RSD   | 1.799223 | 7.196101 | .9925129 | .4803004 | 4.133745 | 17.35064   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.35790 | .1015641 | .1150327 | 9.476026 | .0173702 | .0020326 |
| #2 | 11.65924 | .1050091 | .1140608 | 9.430641 | .0165360 | .0014798 |
| #3 | 11.26625 | .0912770 | .1163383 | 9.521668 | .0160059 | .0015800 |

Sample Name: PB164486BS      Acquired: 10/31/2024 21:35:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS486      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |            |
|--------|------------|----------|------------|----------|----------|------------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | F .0195562 | .1558518 | F .4660446 | .0127841 | .2113923 | F .0406356 |
| Stddev | .0002102   | .0029732 | .0031225   | .0013129 | .0006239 | .0010876   |
| %RSD   | 1.074802   | 1.907725 | .6699900   | 10.26992 | .2951485 | 2.676451   |
| #1     | .0195252   | .1575013 | .4692006   | .0121248 | .2110717 | .0407854   |
| #2     | .0193633   | .1576346 | .4629568   | .0142961 | .2109937 | .0394808   |
| #3     | .0197802   | .1524195 | .4659766   | .0119316 | .2121113 | .0416405   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2103349 |
| Stddev | .0003829 |
| %RSD   | .1820241 |
| #1     | .2106036 |
| #2     | .2105045 |
| #3     | .2098965 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 954.4611 | 22463.35 | 2576.386 | 802.2278 | 1833.999 |
| Stddev    | .9944    | 41.85    | 15.605   | 1.5509   | 1.300    |
| %RSD      | .1041886 | .1862893 | .6056791 | .1933216 | .0708965 |
| #1        | 955.0293 | 22442.21 | 2559.167 | 802.2972 | 1833.902 |
| #2        | 955.0412 | 22511.55 | 2589.592 | 803.7428 | 1835.344 |
| #3        | 953.3129 | 22436.29 | 2580.398 | 800.6433 | 1832.749 |

Sample Name: P4500-01      Acquired: 10/31/2024 21:39:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.048281 | -.068381 | .0933349 | -.003976 | .0045792 | 170.3397 | .8669521 |
| Stddev | .006962  | .004538  | .0093086 | .010158  | .0050329 | 4.2291   | .0203913 |
| %RSD   | 14.41945 | 6.636501 | 9.973381 | 255.4967 | 109.9086 | 2.482734 | 2.352072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.056302 | -.067544 | .0877077 | -.015504 | .0038414 | 170.2819 | .8679423 |
| #2 | -.043808 | -.073279 | .0882175 | -.000082 | .0099402 | 166.1398 | .8460837 |
| #3 | -.044732 | -.064320 | .1040796 | .003659  | -.000044 | 174.5974 | .8868303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104067 | .0135685 | 699.8858 | 1.770599 | .2912829 | .4087453 | 416.9603 |
| Stddev | .0003181 | .0005539 | 16.7267  | .003483  | .0010680 | .0115335 | 10.4418  |
| %RSD   | 3.056831 | 4.082385 | 2.389912 | .1967149 | .3666456 | 2.821683 | 2.504274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104368 | .0132537 | 697.2449 | 1.766729 | .2920348 | .4079566 | 415.2686 |
| #2 | .0100746 | .0142081 | 684.6366 | 1.771583 | .2900604 | .3976264 | 407.4677 |
| #3 | .0107086 | .0132438 | 717.7758 | 1.773484 | .2917534 | .4206529 | 428.1447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.808473 | 245.9372 | 2.472738 | -.019249 | 9.233973 | 1.170051 | .5717675 |
| Stddev | .123113  | 5.8637   | .000936  | .001269  | .292700  | .033063  | .0026914 |
| %RSD   | 2.560340 | 2.384229 | .0378650 | 6.594693 | 3.169820 | 2.825779 | .4707228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.809913 | 245.0923 | 2.471678 | -.019529 | 9.065559 | 1.161072 | .5726400 |
| #2 | 4.684647 | 240.5417 | 2.473086 | -.017863 | 9.064405 | 1.142405 | .5739144 |
| #3 | 4.930861 | 252.1775 | 2.473452 | -.020355 | 9.571953 | 1.206676 | .5687480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.41103 | 7.767594 | .4459474 | .0053833 | 21.74656 | 5.719514 | .0066846 |
| Stddev | .31449   | .019048  | .0134283 | .0005701 | .03829   | .128639  | .0026206 |
| %RSD   | 2.756003 | .2452290 | 3.011176 | 10.58977 | .1760748 | 2.249117 | 39.20368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.42262 | 7.781796 | .4425623 | .0056113 | 21.75033 | 5.703678 | .0092102 |
| #2 | 11.09091 | 7.745948 | .4345355 | .0047345 | 21.70653 | 5.599526 | .0068654 |
| #3 | 11.71957 | 7.775039 | .4607442 | .0058041 | 21.78283 | 5.855337 | .0039783 |

Sample Name: P4500-01      Acquired: 10/31/2024 21:39:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN1      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.441511 | .2217157 | 1.157587 |
| Stddev | .215974  | .0039682 | .027490  |
| %RSD   | 2.558476 | 1.789763 | 2.374738 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 8.437506 | .2215006 | 1.158017 |
| #2 | 8.227567 | .2178595 | 1.129885 |
| #3 | 8.659459 | .2257871 | 1.184860 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 954.5462 | 23612.31 | 2834.910 | 803.9464 | 1492.750 |
| Stddev    | .0881    | 83.44    | 57.618   | 3.9302   | 2.290    |
| %RSD      | .0092298 | .3533737 | 2.032458 | .4888688 | .1533771 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 954.5384 | 23615.71 | 2847.707 | 801.9438 | 1490.161 |
| #2 | 954.6379 | 23527.23 | 2885.054 | 801.4207 | 1493.579 |
| #3 | 954.4623 | 23694.01 | 2771.969 | 808.4746 | 1494.509 |

Sample Name: P4500-02      Acquired: 10/31/2024 21:43:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.075789 | -.073180 | .1217159 | -.003399 | .0047779 | 198.4393 | .7071258 |
| Stddev | .007734  | .002334  | .0068214 | .005918  | .0025101 | .4572    | .0005731 |
| %RSD   | 10.20452 | 3.189999 | 5.604352 | 174.1322 | 52.53627 | .2304025 | .0810440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.081396 | -.074229 | .1249001 | -.005774 | .0021490 | 198.5838 | .7064944 |
| #2 | -.079004 | -.074806 | .1138847 | -.007761 | .0071494 | 197.9273 | .7072698 |
| #3 | -.066966 | -.070505 | .1263629 | .003338  | .0050353 | 198.8067 | .7076131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123925 | .0163927 | 572.1633 | 2.962934 | .4266341 | .4745440 | 503.7344 |
| Stddev | .0001316 | .0002085 | 2.6327   | .001531  | .0010196 | .0041133 | 2.2640   |
| %RSD   | 1.061813 | 1.271606 | .4601273 | .0516828 | .2389879 | .8667950 | .4494386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0122735 | .0165235 | 572.9482 | 2.961567 | .4277146 | .4791802 | 504.8240 |
| #2 | .0123701 | .0161523 | 569.2275 | 2.964589 | .4264988 | .4731196 | 501.1316 |
| #3 | .0125338 | .0165023 | 574.3144 | 2.962644 | .4256889 | .4713322 | 505.2475 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.441561 | 352.4801 | 4.031514 | -.025550 | 8.235169 | 1.359515 | .6558426 |
| Stddev | .031048  | 1.5588   | .011261  | .000521  | .396939  | .010805  | .0026733 |
| %RSD   | .3288421 | .4422502 | .2793362 | 2.039691 | 4.820041 | .7948034 | .4076168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.423763 | 352.7054 | 4.040770 | -.026087 | 7.803742 | 1.347096 | .6528972 |
| #2 | 9.423509 | 350.8209 | 4.018976 | -.025046 | 8.316854 | 1.366761 | .6581154 |
| #3 | 9.477412 | 353.9141 | 4.034796 | -.025517 | 8.584910 | 1.364690 | .6565151 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.78286 | 8.549685 | .5077661 | .0023924 | 4.433748 | 6.449449 | .0100892 |
| Stddev | .09791   | .011441  | .0046723 | .0008538 | .004250  | .018078  | .0017314 |
| %RSD   | .7659110 | .1338128 | .9201701 | 35.68714 | .0958467 | .2803073 | 17.16112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.89146 | 8.548830 | .5112551 | .0016532 | 4.438267 | 6.428688 | .0111675 |
| #2 | 12.75577 | 8.538695 | .5024578 | .0033269 | 4.429832 | 6.457945 | .0080921 |
| #3 | 12.70136 | 8.561529 | .5095853 | .0021971 | 4.433143 | 6.461714 | .0110080 |



Sample Name: P4500-02      Acquired: 10/31/2024 21:43:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 10.67144 | .2233498 | 1.166500 |
| Stddev | .03552   | .0011085 | .001132  |
| %RSD   | .3328827 | .4963231 | .0970018 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 10.68780 | .2246275 | 1.166941 |
| #2 | 10.63068 | .2226438 | 1.165214 |
| #3 | 10.69583 | .2227782 | 1.167344 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 940.2020 | 23431.44 | 2799.171 | 784.6257 | 1478.652 |
| Stddev    | 3.5654   | 54.29    | 10.017   | 3.8022   | 4.044    |
| %RSD      | .3792201 | .2316963 | .3578531 | .4845816 | .2735201 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 936.3460 | 23383.64 | 2807.440 | 788.9688 | 1473.982 |
| #2 | 940.8808 | 23490.46 | 2802.039 | 783.0104 | 1480.931 |
| #3 | 943.3793 | 23420.21 | 2788.032 | 781.8979 | 1481.042 |

Sample Name: P4500-03      Acquired: 10/31/2024 21:48:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0109646 | -.044681 | .2748719 | -.006394 | .0008431 | 100.9753 |
| Stddev | .0082777 | .003459  | .0061411 | .017887  | .0045128 | .1739    |
| %RSD   | 75.49537 | 7.741021 | 2.234184 | 279.7631 | 535.2466 | .1722680 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0136939 | -.041098 | .2745215 | .012845  | -.001420 | 101.0891 |
| #2 | .0175330 | -.044944 | .2811807 | -.022520 | -.002091 | 101.0618 |
| #3 | .0016668 | -.048001 | .2689134 | -.009505 | .006040  | 100.7751 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4074973 | .0060199 | .0126404 | F 2297.768 | 4.436322 | .1630910 |
| Stddev | .0014084 | .0000571 | .0001869 | 10.960     | .002588  | .0009366 |
| %RSD   | .3456210 | .9492252 | 1.478860 | .4769817   | .0583272 | .5742866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4078148 | .0060691 | .0125551 | 2286.926 | 4.439270 | .1638929 |
| #2 | .4087198 | .0060334 | .0125113 | 2297.534 | 4.435273 | .1633186 |
| #3 | .4059572 | .0059572 | .0128548 | 2308.842 | 4.434424 | .1620616 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3517656 | 232.9110 | 3.564750 | 157.4281 | 1.614229 | .0214314 |
| Stddev | .0047540 | .6636    | .003121  | .3691    | .000827  | .0004434 |
| %RSD   | 1.351468 | .2849188 | .0875625 | .2344427 | .0512255 | 2.068713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3565282 | 232.2392 | 3.562520 | 157.1591 | 1.614797 | .0209361 |
| #2 | .3470202 | 233.5661 | 3.568317 | 157.8488 | 1.613280 | .0215672 |
| #3 | .3517483 | 232.9276 | 3.563413 | 157.2763 | 1.614609 | .0217910 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.802422 | 1.499235 | 1.397204 | 11.77974 | 9.710637 | .2589567 |
| Stddev | .466586  | .005731  | .012704  | .17096   | .032374  | .0016351 |
| %RSD   | 8.041228 | .3822575 | .9092676 | 1.451283 | .3333844 | .6313986 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.263819 | 1.492641 | 1.406229 | 11.96000 | 9.721771 | .2583728 |
| #2 | 6.083245 | 1.502049 | 1.382676 | 11.75930 | 9.674166 | .2576937 |
| #3 | 6.060200 | 1.503014 | 1.402708 | 11.61993 | 9.735974 | .2608035 |

Sample Name: P4500-03      Acquired: 10/31/2024 21:48:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008081 | 6.383425 | 7.239766 | .0095508 | 2.913889 | .1024238 |
| Stddev | .0007211 | .019612  | .041129  | .0033117 | .004809  | .0025412 |
| %RSD   | 89.23663 | .3072316 | .5680950 | 34.67404 | .1650277 | 2.481108 |
| #1     | .0002949 | 6.377400 | 7.196043 | .0094113 | 2.913263 | .1005469 |
| #2     | .0016326 | 6.405342 | 7.245570 | .0063111 | 2.918979 | .1014088 |
| #3     | .0004968 | 6.367533 | 7.277684 | .0129301 | 2.909423 | .1053157 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.752219 |
| Stddev | .002072  |
| %RSD   | .0752935 |
| #1     | 2.750951 |
| #2     | 2.754610 |
| #3     | 2.751096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 863.0530 | 21551.84 | 2686.678 | 717.6082 | 1345.708 |
| Stddev    | 1.2734   | 47.32    | 11.030   | 3.3923   | 1.039    |
| %RSD      | .1475481 | .2195473 | .4105310 | .4727224 | .0772197 |
| #1        | 862.8973 | 21570.29 | 2699.193 | 716.2290 | 1344.674 |
| #2        | 864.3971 | 21498.08 | 2678.375 | 721.4728 | 1345.696 |
| #3        | 861.8646 | 21587.15 | 2682.465 | 715.1227 | 1346.753 |

Sample Name: P4500-04      Acquired: 10/31/2024 21:52:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0271392 | -.051996 | .4290839 | .0024184 | .0024296 | 150.8268 |
| Stddev | .0111807 | .001905  | .0022570 | .0083071 | .0034866 | .5359    |
| %RSD   | 41.19762 | 3.664657 | .5260054 | 343.4953 | 143.5038 | .3553282 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0218974 | -.052282 | .4299649 | .0119855 | .0026960 | 151.4390 |
| #2 | .0399778 | -.053742 | .4265193 | -.001765 | .0057754 | 150.4423 |
| #3 | .0195424 | -.049963 | .4307676 | -.002965 | -.001183 | 150.5990 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5183302 | .0076069 | .0127809 | F 1426.733 | 1.437426 | .1731492 |
| Stddev | .0041492 | .0001712 | .0005556 | 7.651      | .001075  | .0006951 |
| %RSD   | .8004952 | 2.250393 | 4.346845 | .5362856   | .0748062 | .4014487 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5230572 | .0076488 | .0127743 | 1435.391 | 1.436717 | .1739289 |
| #2 | .5166434 | .0074186 | .0133397 | 1423.929 | 1.436897 | .1725942 |
| #3 | .5152901 | .0077532 | .0122286 | 1420.880 | 1.438663 | .1729246 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4184935 | 292.3174 | 4.240600 | 211.1161 | 1.402169 | .0033390 |
| Stddev | .0011965 | .5109    | .011703  | .2983    | .003063  | .0003054 |
| %RSD   | .2858985 | .1747916 | .2759697 | .1412956 | .2184636 | 9.146480 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4172808 | 292.8765 | 4.254105 | 210.7846 | 1.399093 | .0034734 |
| #2 | .4196730 | 291.8748 | 4.234252 | 211.3629 | 1.405219 | .0035541 |
| #3 | .4185268 | 292.2009 | 4.233443 | 211.2008 | 1.402195 | .0029894 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.647124 | 1.162804 | 1.000603 | 19.74266 | 9.652453 | .3458561 |
| Stddev | .129375  | .004030  | .003767  | .13712   | .016596  | .0013607 |
| %RSD   | 1.946335 | .3465579 | .3764299 | .6945508 | .1719344 | .3934215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.760748 | 1.166759 | .997799  | 19.82251 | 9.634004 | .3472283 |
| #2 | 6.674307 | 1.158703 | 1.004885 | 19.58433 | 9.666166 | .3445073 |
| #3 | 6.506317 | 1.162949 | .999126  | 19.82114 | 9.657189 | .3458326 |

Sample Name: P4500-04      Acquired: 10/31/2024 21:52:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016677 | 6.216407 | 7.987115 | .1392140 | 3.908574 | .1851800 |
| Stddev | .0013791 | .022556  | .015812  | .0035888 | .017803  | .0024000 |
| %RSD   | 82.69521 | .3628387 | .1979694 | 2.577885 | .4554943 | 1.296026 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029802 | 6.198617 | 7.969198 | .1354539 | 3.927961 | .1831420 |
| #2 | .0002305 | 6.208828 | 7.999116 | .1395855 | 3.904800 | .1878253 |
| #3 | .0017924 | 6.241776 | 7.993031 | .1426025 | 3.892960 | .1845727 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.649979 |
| Stddev | .011561  |
| %RSD   | .4362701 |

|    |          |
|----|----------|
| #1 | 2.662362 |
| #2 | 2.648106 |
| #3 | 2.639469 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 899.6259 | 22098.04 | 2707.399 | 754.4645 | 1412.755 |
| Stddev    | .8334    | 34.27    | 4.285    | 1.4085   | 1.134    |
| %RSD      | .0926388 | .1550833 | .1582867 | .1866892 | .0802992 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 898.9920 | 22060.47 | 2703.810 | 756.0295 | 1414.064 |
| #2 | 900.5699 | 22106.03 | 2706.243 | 753.2987 | 1412.045 |
| #3 | 899.3158 | 22127.60 | 2712.144 | 754.0652 | 1412.158 |

Sample Name: P4500-05      Acquired: 10/31/2024 21:57:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0153806 | -.037875 | .0392452 | -.012458 | .0034908 | 86.85244 |
| Stddev | .0041513 | .005053  | .0095259 | .004326  | .0064709 | .33334   |
| %RSD   | 26.99069 | 13.34100 | 24.27277 | 34.72361 | 185.3705 | .3837974 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0143882 | -.043607 | .0302901 | -.017367 | .0025234 | 87.21452 |
| #2 | .0118155 | -.035957 | .0381913 | -.010803 | .0103909 | 86.78448 |
| #3 | .0199383 | -.034062 | .0492543 | -.009204 | -.002442 | 86.55832 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4907248 | .0052701 | .0071719 | F 2342.865 | .9960140 | .1140532 |
| Stddev | .0027590 | .0003504 | .0000463 | 4.360      | .0034315 | .0011879 |
| %RSD   | .5622184 | 6.649096 | .6452314 | .1861050   | .3445203 | 1.041493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4937416 | .0052485 | .0071634 | 2337.890 | .9937659 | .1145529 |
| #2 | .4883298 | .0049310 | .0072218 | 2344.681 | .9943123 | .1149097 |
| #3 | .4901030 | .0056309 | .0071304 | 2346.023 | .9999637 | .1126972 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1221018 | 209.2814 | 4.462448 | 136.5003 | .7357088 | .0247803 |
| Stddev | .0044655 | 1.0203   | .019005  | 1.0451   | .0021421 | .0006466 |
| %RSD   | 3.657206 | .4875291 | .4258966 | .7656251 | .2911647 | 2.609280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1170247 | 210.4587 | 4.465987 | 137.6525 | .7357097 | .0246451 |
| #2 | .1254203 | 208.7304 | 4.441922 | 136.2347 | .7378505 | .0242120 |
| #3 | .1238604 | 208.6550 | 4.479435 | 135.6136 | .7335662 | .0254838 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.505377 | .8579955 | .2805367 | 7.078949 | 4.430930 | .2278366 |
| Stddev | .283191  | .0061242 | .0010689 | .041867  | .016552  | .0027270 |
| %RSD   | 6.285633 | .7137822 | .3810247 | .5914282 | .3735571 | 1.196911 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.831975 | .8536896 | .2806442 | 7.117790 | 4.419690 | .2290494 |
| #2 | 4.356144 | .8552904 | .2794181 | 7.084455 | 4.449937 | .2297469 |
| #3 | 4.328013 | .8650065 | .2815477 | 7.034601 | 4.423162 | .2247136 |

Sample Name: P4500-05      Acquired: 10/31/2024 21:57:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013605 | 4.764072 | 5.926469 | .0046194 | 5.721527 | .1499078 |
| Stddev | .0009942 | .028747  | .009844  | .0032176 | .024030  | .0025931 |
| %RSD   | 73.08004 | .6034195 | .1661103 | 69.65387 | .4199865 | 1.729808 |
| #1     | .0017977 | 4.793511 | 5.934875 | .0033323 | 5.749262 | .1497558 |
| #2     | .0002225 | 4.762635 | 5.915639 | .0082813 | 5.708364 | .1473941 |
| #3     | .0020612 | 4.736070 | 5.928893 | .0022446 | 5.706954 | .1525737 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.641608 |
| Stddev | .009776  |
| %RSD   | .3700628 |
| #1     | 2.652795 |
| #2     | 2.637320 |
| #3     | 2.634709 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 856.3176 | 21121.74 | 2601.633 | 726.1203 | 1348.819 |
| Stddev    | 4.2723   | 61.59    | 5.737    | 3.0388   | 4.737    |
| %RSD      | .4989208 | .2915940 | .2205161 | .4185009 | .3511992 |
| #1        | 855.0441 | 21165.98 | 2600.339 | 726.5297 | 1348.903 |
| #2        | 852.8268 | 21147.84 | 2607.906 | 728.9337 | 1344.041 |
| #3        | 861.0819 | 21051.39 | 2596.653 | 722.8976 | 1353.514 |

Sample Name: P4500-06      Acquired: 10/31/2024 22:01:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.026953 | -.048161 | .0497547 | -.006607 | .0038788 | 122.0201 |
| Stddev | .008080  | .002038  | .0024931 | .008860  | .0066798 | .2185    |
| %RSD   | 29.97742 | 4.230759 | 5.010739 | 134.1034 | 172.2115 | .1790915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.022690 | -.045861 | .0469018 | -.015864 | .0025303 | 122.1018 |
| #2 | -.036271 | -.048881 | .0515147 | .001796  | .0111300 | 121.7725 |
| #3 | -.021897 | -.049740 | .0508476 | -.005754 | -.002024 | 122.1861 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4639150 | .0063669 | .0082874 | F 1572.675 | 1.500833 | .1539555 |
| Stddev | .0003811 | .0002269 | .0002963 | 9.411      | .002781  | .0013832 |
| %RSD   | .0821401 | 3.563360 | 3.575315 | .5983863   | .1853034 | .8984402 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4643445 | .0061129 | .0086037 | 1572.069 | 1.497918 | .1550650 |
| #2 | .4637831 | .0065494 | .0082422 | 1563.582 | 1.503457 | .1524058 |
| #3 | .4636175 | .0064384 | .0080163 | 1582.374 | 1.501124 | .1543956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1448542 | 257.1126 | 4.130544 | 246.3846 | 1.032859 | .0105866 |
| Stddev | .0027068 | .5115    | .004373  | .4907    | .001271  | .0004567 |
| %RSD   | 1.868623 | .1989361 | .1058705 | .1991659 | .1230679 | 4.313526 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1447893 | 257.1453 | 4.134131 | 246.6661 | 1.032073 | .0100824 |
| #2 | .1421805 | 256.5856 | 4.131828 | 245.8179 | 1.032179 | .0109723 |
| #3 | .1475929 | 257.6070 | 4.125673 | 246.6696 | 1.034325 | .0107050 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.933436 | .9885101 | .3496161 | 8.566298 | 5.292743 | .2757182 |
| Stddev | .286698  | .0063631 | .0009432 | .190246  | .006052  | .0002774 |
| %RSD   | 5.811333 | .6437114 | .2697778 | 2.220861 | .1143401 | .1006112 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.254896 | .9822718 | .3491345 | 8.435969 | 5.288216 | .2754588 |
| #2 | 4.704197 | .9882674 | .3507029 | 8.478316 | 5.290397 | .2756852 |
| #3 | 4.841215 | .9949912 | .3490110 | 8.784610 | 5.299617 | .2760107 |



Sample Name: P4500-06      Acquired: 10/31/2024 22:01:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN6      Custom ID2:      Custom ID3:  
Comment:

|        |           |          |          |          |          |          |
|--------|-----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020    | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -0.001253 | 3.512996 | 7.183801 | .0056190 | 7.860264 | .2071258 |
| Stddev | .000400   | .017795  | .004209  | .0038486 | .009774  | .0016543 |
| %RSD   | 31.91824  | .5065508 | .0585970 | 68.49291 | .1243421 | .7987054 |

|    |           |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|
| #1 | -0.001274 | 3.519279 | 7.185383 | .0033798 | 7.871224 | .2087923 |
| #2 | -0.001642 | 3.492911 | 7.179029 | .0034143 | 7.852455 | .2071012 |
| #3 | -0.000843 | 3.526797 | 7.186989 | .0100630 | 7.857112 | .2054839 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.969397 |
| Stddev | .002416  |
| %RSD   | .0813564 |

|    |          |
|----|----------|
| #1 | 2.968603 |
| #2 | 2.967479 |
| #3 | 2.972110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.0156 | 21852.38 | 2674.660 | 742.9297 | 1390.436 |
| Stddev    | 1.6833   | 83.58    | 2.651    | 2.1949   | 2.638    |
| %RSD      | .1906284 | .3824886 | .0991109 | .2954332 | .1896972 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 882.4085 | 21901.42 | 2673.965 | 744.7636 | 1389.323 |
| #2 | 884.9182 | 21755.87 | 2672.426 | 740.4978 | 1393.448 |
| #3 | 881.7201 | 21899.86 | 2677.590 | 743.5276 | 1388.538 |

Sample Name: P4500-07      Acquired: 10/31/2024 22:06:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004572 | -.039293 | .1037535 | .0020472 | .0022424 | 103.0390 |
| Stddev | .001738  | .001753  | .0019914 | .0039388 | .0045850 | .2982    |
| %RSD   | 38.00731 | 4.461241 | 1.919374 | 192.3993 | 204.4723 | .2894496 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003179 | -.040022 | .1022568 | .0033116 | .0028575 | 103.1310 |
| #2 | -.006519 | -.040565 | .1060137 | .0051985 | .0064888 | 102.7056 |
| #3 | -.004018 | -.037294 | .1029900 | -.002369 | -.002619 | 103.2805 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2276487 | .0062034 | .0075278 | F 906.8167 | 1.694292 | .1756942 |
| Stddev | .0010845 | .0001277 | .0001121 | 3.3613     | .004758  | .0006044 |
| %RSD   | .4763947 | 2.058425 | 1.489329 | .3706750   | .2808175 | .3440212 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2275354 | .0061144 | .0074089 | 907.9785 | 1.693832 | .1763916 |
| #2 | .2266254 | .0061461 | .0076316 | 903.0285 | 1.699263 | .1753215 |
| #3 | .2287855 | .0063498 | .0075429 | 909.4430 | 1.689781 | .1753696 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2262312 | 254.1622 | 2.692099 | 189.9837 | 1.610598 | .0001829 |
| Stddev | .0068094 | .7460    | .012237  | .4490    | .001281  | .0000819 |
| %RSD   | 3.009937 | .2935232 | .4545650 | .2363513 | .0795518 | 44.78661 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2336389 | 254.7837 | 2.683497 | 189.7918 | 1.611665 | .0001441 |
| #2 | .2202443 | 253.3349 | 2.686692 | 189.6625 | 1.609177 | .0001276 |
| #3 | .2248104 | 254.3680 | 2.706109 | 190.4968 | 1.610952 | .0002770 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.591057 | .7815562 | .4285383 | 9.920438 | 4.297452 | .2962352 |
| Stddev | .317675  | .0051455 | .0033427 | .153726  | .002846  | .0016805 |
| %RSD   | 6.919435 | .6583674 | .7800347 | 1.549585 | .0662280 | .5672820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.857901 | .7784556 | .4284284 | 10.05663 | 4.300732 | .2969530 |
| #2 | 4.239660 | .7874958 | .4319347 | 9.95093  | 4.295633 | .2974375 |
| #3 | 4.675610 | .7787173 | .4252519 | 9.75375  | 4.295992 | .2943150 |

Sample Name: P4500-07      Acquired: 10/31/2024 22:06:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104876 | F 115.2826 | 6.985871 | .0087873 | 6.502782 | .1642790 |
| Stddev | .0009639 | .0999      | .013301  | .0024716 | .026820  | .0017233 |
| %RSD   | 9.191162 | .0866325   | .1903952 | 28.12718 | .4124404 | 1.048984 |
| #1     | .0096983 | 115.3710   | 6.995504 | .0088997 | 6.512006 | .1662678 |
| #2     | .0102028 | 115.3025   | 6.970695 | .0112008 | 6.472568 | .1632273 |
| #3     | .0115619 | 115.1743   | 6.991415 | .0062614 | 6.523774 | .1633419 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.360109 |
| Stddev | .003680  |
| %RSD   | .2705760 |
| #1     | 1.360011 |
| #2     | 1.356478 |
| #3     | 1.363836 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.6163 | 21960.91 | 2644.130 | 749.1923 | 1483.015 |
| Stddev    | 3.3319   | 7.98     | 5.123    | 4.3422   | 5.531    |
| %RSD      | .3736969 | .0363351 | .1937576 | .5795832 | .3729447 |
| #1        | 890.0780 | 21965.51 | 2640.465 | 747.8763 | 1479.070 |
| #2        | 889.3314 | 21951.70 | 2649.984 | 745.6604 | 1480.639 |
| #3        | 895.4394 | 21965.53 | 2641.942 | 754.0403 | 1489.337 |

Sample Name: P4500-08      Acquired: 10/31/2024 22:10:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024905 | -.051406 | .3511068 | -.006069 | .0053331 | 113.4128 |
| Stddev | .0093103 | .009473  | .0059775 | .011728  | .0031833 | .6277    |
| %RSD   | 373.8327 | 18.42830 | 1.702483 | 193.2312 | 59.68995 | .5534673 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003531 | -.059826 | .3460807 | .007402  | .0028224 | 113.0310 |
| #2 | .013214  | -.053243 | .3495230 | -.014005 | .0042634 | 113.0702 |
| #3 | -.002211 | -.041149 | .3577168 | -.011604 | .0089135 | 114.1373 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9152671 | .0072294 | .0130303 | F 1723.120 | 2.523370 | .2490555 |
| Stddev | .0060583 | .0002698 | .0002303 | 1.896      | .003226  | .0007260 |
| %RSD   | .6619159 | 3.731780 | 1.767541 | .1100352   | .1278420 | .2915007 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9132602 | .0070399 | .0131921 | 1722.009 | 2.520334 | .2489688 |
| #2 | .9104669 | .0071100 | .0131323 | 1725.309 | 2.523019 | .2498210 |
| #3 | .9220742 | .0075383 | .0127666 | 1722.043 | 2.526757 | .2483768 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2807017 | 302.3858 | 4.420724 | 288.3717 | 3.099232 | .0072088 |
| Stddev | .0058720 | 1.2675   | .023984  | 1.2750   | .003848  | .0004828 |
| %RSD   | 2.091912 | .4191535 | .5425359 | .4421513 | .1241686 | 6.697148 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2753713 | 301.5453 | 4.399745 | 287.4967 | 3.100833 | .0073434 |
| #2 | .2797377 | 301.7686 | 4.415556 | 287.7838 | 3.094842 | .0066730 |
| #3 | .2869961 | 303.8437 | 4.446870 | 289.8347 | 3.102021 | .0076100 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.69952 | .7628008 | .5407474 | 13.17753 | 5.528922 | .3451519 |
| Stddev | .03776   | .0101079 | .0040682 | .18809   | .024557  | .0038504 |
| %RSD   | .2973380 | 1.325102 | .7523365 | 1.427368 | .4441518 | 1.115562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.65888 | .7663261 | .5360954 | 13.07302 | 5.546393 | .3412916 |
| #2 | 12.70615 | .7514023 | .5425079 | 13.06489 | 5.539529 | .3451718 |
| #3 | 12.73353 | .7706739 | .5436389 | 13.39467 | 5.500845 | .3489923 |

Sample Name: P4500-08      Acquired: 10/31/2024 22:10:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0120060 | 99.90273 | 5.934498 | .0174300 | 4.987182 | .1166440 |
| Stddev | .0002978 | .10090   | .021380  | .0042117 | .027323  | .0006361 |
| %RSD   | 2.480080 | .1009983 | .3602641 | 24.16359 | .5478701 | .5453103 |
| #1     | .0116646 | 100.0172 | 5.943054 | .0215293 | 4.965606 | .1165795 |
| #2     | .0121415 | 99.8643  | 5.910165 | .0176466 | 4.978035 | .1160426 |
| #3     | .0122120 | 99.8267  | 5.950275 | .0131142 | 5.017905 | .1173098 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.181348 |
| Stddev | .011126  |
| %RSD   | .3497313 |
| #1     | 3.175325 |
| #2     | 3.174533 |
| #3     | 3.194188 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 877.3203 | 21800.48 | 2678.414 | 736.7792 | 1372.125 |
| Stddev    | 2.9038   | 22.28    | 10.250   | 2.7273   | 2.750    |
| %RSD      | .3309862 | .1022159 | .3827051 | .3701666 | .2004065 |
| #1        | 874.2508 | 21805.08 | 2680.511 | 739.9282 | 1368.957 |
| #2        | 880.0237 | 21820.10 | 2687.454 | 735.1754 | 1373.889 |
| #3        | 877.6863 | 21776.25 | 2667.277 | 735.2339 | 1373.530 |

Sample Name: P4500-09      Acquired: 10/31/2024 22:15:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.077597 | -.067081 | .1138840 | -.008153 | -.000101 | 166.5903 | .8989571 |
| Stddev | .007728  | .001329  | .0034426 | .007913  | .003616  | .2963    | .0025318 |
| %RSD   | 9.959015 | 1.980936 | 3.022892 | 97.05197 | 3590.149 | .1778448 | .2816337 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.076326 | -.066194 | .1101852 | -.010244 | -.004007 | 166.9076 | .9016244 |
| #2 | -.085882 | -.066441 | .1169946 | .000595  | .000577  | 166.3209 | .8965871 |
| #3 | -.070584 | -.068609 | .1144721 | -.014811 | .003128  | 166.5424 | .8986597 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105498 | .0128618 | 437.6098 | 3.238022 | .4145218 | .4119145 | 432.1312 |
| Stddev | .0001133 | .0004195 | .8158    | .012760  | .0004901 | .0048356 | .8696    |
| %RSD   | 1.073443 | 3.261287 | .1864217 | .3940571 | .1182350 | 1.173944 | .2012303 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0105676 | .0124728 | 438.2699 | 3.252752 | .4142195 | .4167407 | 433.0322 |
| #2 | .0104287 | .0128063 | 437.8619 | 3.230946 | .4142586 | .4070695 | 432.0645 |
| #3 | .0106531 | .0133062 | 436.6978 | 3.230367 | .4150873 | .4119334 | 431.2968 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.611822 | 410.5134 | 4.901816 | -.022592 | 7.670159 | 1.143293 | .5428668 |
| Stddev | .018287  | .7782    | .022354  | .000534  | .242407  | .003581  | .0057730 |
| %RSD   | .3258678 | .1895675 | .4560314 | 2.364700 | 3.160394 | .3132431 | 1.063422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.625434 | 411.0313 | 4.877821 | -.022028 | 7.881781 | 1.139229 | .5494060 |
| #2 | 5.591036 | 410.8905 | 4.922052 | -.022659 | 7.723009 | 1.144661 | .5407181 |
| #3 | 5.618998 | 409.6185 | 4.905574 | -.023090 | 7.405687 | 1.145988 | .5384764 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.40312 | 6.426856 | .4441553 | -.000020 | 4.169378 | 5.686731 | .0073934 |
| Stddev | .12359   | .009117  | .0013630 | .000856  | .012237  | .014649  | .0029149 |
| %RSD   | .9964203 | .1418645 | .3068702 | 4390.285 | .2935086 | .2576082 | 39.42515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.52878 | 6.427110 | .4453891 | .000966  | 4.159376 | 5.673518 | .0040388 |
| #2 | 12.28172 | 6.417614 | .4426922 | -.000449 | 4.165734 | 5.702484 | .0093082 |
| #3 | 12.39884 | 6.435844 | .4443845 | -.000576 | 4.183023 | 5.684190 | .0088332 |

Sample Name: P4500-09      Acquired: 10/31/2024 22:15:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 9.042745 | .1502515 | .9927629 |
| Stddev | .008319  | .0026501 | .0017869 |
| %RSD   | .0919938 | 1.763787 | .1799960 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 9.050479 | .1492608 | .9946427 |
| #2 | 9.033944 | .1532543 | .9910861 |
| #3 | 9.043812 | .1482395 | .9925599 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 940.6795 | 23380.18 | 2787.567 | 785.0117 | 1511.281 |
| Stddev    | 1.5784   | 105.09   | 2.097    | 6.4611   | 7.126    |
| %RSD      | .1677966 | .4494991 | .0752331 | .8230629 | .4714975 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 942.4894 | 23259.08 | 2786.273 | 777.7278 | 1518.947 |
| #2 | 939.9613 | 23434.00 | 2789.986 | 787.2553 | 1504.860 |
| #3 | 939.5880 | 23447.47 | 2786.440 | 790.0519 | 1510.037 |

Sample Name: P4500-10      Acquired: 10/31/2024 22:19:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.074575 | -.068296 | .1211206 | -.003653 | .0008445 | 167.1656 |
| Stddev | .014050  | .003899  | .0023453 | .012340  | .0032041 | .5089    |
| %RSD   | 18.84072 | 5.709537 | 1.936294 | 337.7669 | 379.4278 | .3044544 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.061838 | -.072667 | .1231717 | -.002901 | -.002204 | 166.5925 |
| #2 | -.089646 | -.065173 | .1216263 | .008293  | .004184  | 167.3395 |
| #3 | -.072241 | -.067049 | .1185637 | -.016352 | .000553  | 167.5648 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.066155 | .0099088 | .0122452 | 491.5067 | 3.459524 | .4490978 |
| Stddev | .002539  | .0002172 | .0003799 | 2.3387   | .008249  | .0004522 |
| %RSD   | .2381277 | 2.191937 | 3.102625 | .4758266 | .2384575 | .1006987 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.063279 | .0101590 | .0126812 | 488.8289 | 3.454020 | .4495811 |
| #2 | 1.067100 | .0097679 | .0119851 | 492.5426 | 3.455543 | .4486849 |
| #3 | 1.068085 | .0097997 | .0120693 | 493.1485 | 3.469009 | .4490273 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4189218 | 408.4833 | 7.946701 | 393.8376 | F 5.186284 | -.018847 |
| Stddev | .0034980 | 1.8216   | .011533  | 2.0637   | .006593    | .000093  |
| %RSD   | .8349920 | .4459478 | .1451243 | .5239929 | .1271241   | .4940847 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4153129 | 406.3950 | 7.934686 | 391.4699 | 5.179716 | -.018947 |
| #2 | .4191554 | 409.3091 | 7.947734 | 394.7888 | 5.186234 | -.018831 |
| #3 | .4222972 | 409.7458 | 7.957682 | 395.2542 | 5.192902 | -.018763 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.356518 | 1.136549 | .5623924 | 10.85903 | 6.012249 | .4132635 |
| Stddev | .110711  | .010403  | .0060236 | .12934   | .012820  | .0040095 |
| %RSD   | 1.504940 | .9152890 | 1.071071 | 1.191073 | .2132258 | .9701984 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.244471 | 1.142895 | .5689652 | 10.89145 | 6.002554 | .4089441 |
| #2 | 7.465843 | 1.142210 | .5571356 | 10.96908 | 6.007410 | .4139802 |
| #3 | 7.359241 | 1.124544 | .5610762 | 10.71657 | 6.026784 | .4168664 |



Sample Name: P4500-10      Acquired: 10/31/2024 22:19:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016499 | 4.685199 | 7.719575 | .0092238 | 9.670394 | .1359736 |
| Stddev | .0010184 | .016714  | .035432  | .0032283 | .021848  | .0014165 |
| %RSD   | 61.72663 | .3567420 | .4589897 | 34.99943 | .2259234 | 1.041723 |
| #1     | .0010301 | 4.666189 | 7.681329 | .0070740 | 9.645187 | .1356522 |
| #2     | .0010943 | 4.697590 | 7.726113 | .0076614 | 9.682122 | .1347455 |
| #3     | .0028252 | 4.691817 | 7.751283 | .0129360 | 9.683874 | .1375232 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.009640 |
| Stddev | .000797  |
| %RSD   | .0789790 |
| #1     | 1.008725 |
| #2     | 1.010013 |
| #3     | 1.010183 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 928.8134 | 23178.66 | 2753.066 | 776.4285 | 1498.840 |
| Stddev    | 1.5960   | 28.19    | 8.387    | 9.3105   | 3.042    |
| %RSD      | .1718350 | .1216138 | .3046537 | 1.199150 | .2029485 |
| #1        | 928.8761 | 23148.95 | 2762.717 | 766.2870 | 1501.124 |
| #2        | 930.3771 | 23205.03 | 2748.939 | 784.5893 | 1500.010 |
| #3        | 927.1869 | 23182.00 | 2747.542 | 778.4091 | 1495.387 |

Sample Name: P4500-11      Acquired: 10/31/2024 22:24:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.054980 | -.071815 | .1078005 | -.007823 | .0045395 | 155.2186 |
| Stddev | .004936  | .002435  | .0067593 | .011563  | .0037331 | .4190    |
| %RSD   | 8.977346 | 3.391074 | 6.270227 | 147.8075 | 82.23531 | .2699644 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.058814 | -.070661 | .1155898 | .000175  | .0030280 | 155.7024 |
| #2 | -.049411 | -.074613 | .1043349 | -.021080 | .0017992 | 154.9696 |
| #3 | -.056716 | -.070171 | .1034769 | -.002564 | .0087913 | 154.9838 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6850268 | .0112150 | .0160744 | F 801.1422 | 2.981331 | .3620602 |
| Stddev | .0019631 | .0002558 | .0002247 | 2.8786     | .000577  | .0007679 |
| %RSD   | .2865696 | 2.280405 | 1.397710 | .3593130   | .0193477 | .2120869 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6864582 | .0110748 | .0163293 | 804.1851 | 2.981801 | .3621632 |
| #2 | .6827889 | .0110601 | .0159052 | 800.7793 | 2.980687 | .3627713 |
| #3 | .6858333 | .0115102 | .0159887 | 798.4623 | 2.981504 | .3612460 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4327769 | 461.7935 | 5.761008 | 460.0252 | 3.961040 | -.020464 |
| Stddev | .0021756 | .6944    | .002960  | .9481    | .005338  | .000837  |
| %RSD   | .5027034 | .1503692 | .0513766 | .2060870 | .1347723 | 4.091845 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4327127 | 462.4708 | 5.763662 | 460.4192 | 3.954996 | -.019509 |
| #2 | .4306342 | 461.8263 | 5.761546 | 460.7128 | 3.965111 | -.021073 |
| #3 | .4349839 | 461.0832 | 5.757817 | 458.9437 | 3.963012 | -.020810 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.380398 | 1.179797 | .5931144 | 11.33392 | 7.930899 | .4693511 |
| Stddev | .247614  | .012029  | .0014723 | .09815   | .013688  | .0009378 |
| %RSD   | 3.355023 | 1.019610 | .2482362 | .8660240 | .1725863 | .1997989 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.664955 | 1.167153 | .5948124 | 11.37992 | 7.918997 | .4699874 |
| #2 | 7.213973 | 1.181138 | .5921924 | 11.40064 | 7.945856 | .4697917 |
| #3 | 7.262265 | 1.191100 | .5923383 | 11.22122 | 7.927845 | .4682741 |

Sample Name: P4500-11      Acquired: 10/31/2024 22:24:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063946 | 4.501781 | 8.412376 | .0063542 | 6.417547 | .1925470 |
| Stddev | .0003648 | .017096  | .009184  | .0022082 | .022542  | .0026371 |
| %RSD   | 5.704606 | .3797709 | .1091705 | 34.75221 | .3512609 | 1.369562 |
| #1     | .0064521 | 4.490605 | 8.406744 | .0052071 | 6.443132 | .1923437 |
| #2     | .0067273 | 4.521463 | 8.407412 | .0049556 | 6.408903 | .1952798 |
| #3     | .0060046 | 4.493277 | 8.422974 | .0089000 | 6.400605 | .1900175 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.097621 |
| Stddev | .001437  |
| %RSD   | .1309436 |
| #1     | 1.099245 |
| #2     | 1.097107 |
| #3     | 1.096512 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 923.9681 | 23206.69 | 2785.704 | 776.7788 | 1443.340 |
| Stddev    | 1.4725   | 82.17    | 7.788    | .6826    | 3.142    |
| %RSD      | .1593685 | .3540678 | .2795847 | .0878714 | .2176951 |
| #1        | 925.5384 | 23136.58 | 2779.436 | 776.3789 | 1445.381 |
| #2        | 922.6182 | 23186.39 | 2783.254 | 776.3905 | 1439.722 |
| #3        | 923.7477 | 23297.11 | 2794.423 | 777.5669 | 1444.917 |

Sample Name: CCV012      Acquired: 10/31/2024 22:28:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.987037 | 4.813955 | 24.44131 | 4.820324 | 4.950722 | 415.3480 |
| Stddev | .014576  | .004543  | .05724   | .003772  | .009059  | .5772    |
| %RSD   | .2922800 | .0943666 | .2341931 | .0782600 | .1829880 | .1389721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.992189 | 4.810925 | 24.40960 | 4.817696 | 4.946786 | 414.9781 |
| #2 | 4.970585 | 4.811762 | 24.40695 | 4.824647 | 4.944295 | 415.0527 |
| #3 | 4.998338 | 4.819178 | 24.50739 | 4.818630 | 4.961083 | 416.0131 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.25042 | .5376206 | 2.463914 | 422.9073 | 15.34725 | 2.502686 |
| Stddev | .01710   | .0041214 | .006061  | .4409    | .04663   | .003135  |
| %RSD   | .1668117 | .7665941 | .2459821 | .1042436 | .3038494 | .1252656 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.24804 | .5347732 | 2.461276 | 422.3982 | 15.31804 | 2.500945 |
| #2 | 10.23463 | .5357420 | 2.459618 | 423.1598 | 15.40103 | 2.500808 |
| #3 | 10.26858 | .5423465 | 2.470846 | 423.1638 | 15.32268 | 2.506305 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.13084 | 420.5446 | 14.38319 | 416.0996 | 2.480446 | 1.335993 |
| Stddev | .04336   | .4556    | .01390   | .9264    | .009046  | .007158  |
| %RSD   | .2865993 | .1083374 | .0966367 | .2226489 | .3647064 | .5357639 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.09224 | 420.0248 | 14.39016 | 415.2967 | 2.473347 | 1.331205 |
| #2 | 15.12251 | 420.7339 | 14.36718 | 415.8890 | 2.477358 | 1.332553 |
| #3 | 15.17776 | 420.8750 | 14.39222 | 417.1132 | 2.490631 | 1.344222 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 424.3227 | 2.541913 | 14.55005 | 156.8043 | 5.008174 | 5.380800 |
| Stddev | .1623    | .008709  | .12453   | .4680    | .012271  | .022421  |
| %RSD   | .0382510 | .3426274 | .8559042 | .2984517 | .2450186 | .4166856 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 424.3427 | 2.551812 | 14.41043 | 156.4523 | 4.994569 | 5.366337 |
| #2 | 424.1513 | 2.535426 | 14.59005 | 156.6251 | 5.011547 | 5.406628 |
| #3 | 424.4740 | 2.538501 | 14.64968 | 157.3353 | 5.018406 | 5.369436 |

Sample Name: CCV012      Acquired: 10/31/2024 22:28:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.858237 | 5.036092 | 5.193118 | 4.909703 | 5.108525 | F 5.565282 |
| Stddev | .006377  | .036135  | .018022  | .012785  | .011694  | .000614    |
| %RSD   | .1312521 | .7175199 | .3470389 | .2604031 | .2289184 | .0110330   |
| #1     | 4.853576 | 5.049639 | 5.183290 | 4.899426 | 5.096405 | 5.564926   |
| #2     | 4.855631 | 4.995141 | 5.213917 | 4.905662 | 5.109427 | 5.565991   |
| #3     | 4.865504 | 5.063495 | 5.182146 | 4.924020 | 5.119742 | 5.564928   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.114353 |
| Stddev | .012579  |
| %RSD   | .2459545 |
| #1     | 5.102673 |
| #2     | 5.112716 |
| #3     | 5.127671 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 774.7552 | 20425.43 | 2422.668 | 633.9148 | 1422.109 |
| Stddev    | 1.5356   | 23.57    | 4.708    | 4.5593   | 3.675    |
| %RSD      | .1982091 | .1154193 | .1943147 | .7192357 | .2584031 |
| #1        | 775.8177 | 20452.29 | 2428.013 | 638.6141 | 1424.640 |
| #2        | 775.4533 | 20415.85 | 2419.139 | 633.6207 | 1423.792 |
| #3        | 772.9945 | 20408.16 | 2420.851 | 629.5097 | 1417.894 |

Sample Name: CCB012      Acquired: 10/31/2024 22:32:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045089 | .0002232 | .0037606 | .0037125 | -.000995 | .0468787 | .0002116 |
| Stddev | .0078810 | .0044544 | .0016214 | .0033826 | .001565  | .0118627 | .0001866 |
| %RSD   | 174.7864 | 1995.611 | 43.11542 | 91.11530 | 157.3174 | 25.30520 | 88.20418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0135015 | .0013562 | .0050919 | .0076048 | .000446  | .0555626 | .0004198 |
| #2 | -.001196 | .0040017 | .0019549 | .0020484 | -.000771 | .0333625 | .0000595 |
| #3 | .001221  | -.004688 | .0042351 | .0014842 | -.002660 | .0517109 | .0001554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002320 | .0001154 | .0355979 | .0011420 | .0001776 | .0011077 | .0655025 |
| Stddev | .0001983 | .0001434 | .0047239 | .0008524 | .0001096 | .0059262 | .0312523 |
| %RSD   | 85.46951 | 124.3056 | 13.27019 | 74.63805 | 61.74645 | 535.0205 | 47.71165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000486 | -.000029 | .0366023 | .0013472 | .0002825 | .0079504 | .1010925 |
| #2 | .0004424 | .000117  | .0304526 | .0018732 | .0001864 | -.002362 | .0425387 |
| #3 | .0002050 | .000258  | .0397389 | .0002058 | .0000638 | -.002265 | .0528762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010812 | -.096916 | -.000074 | -.000472 | .5429974 | -.003963 | .0004672 |
| Stddev | .0013818 | .011662  | .000474  | .000445  | .2874873 | .005715  | .0003033 |
| %RSD   | 127.7960 | 12.03280 | 641.5653 | 94.37108 | 52.94450 | 144.2093 | 64.92377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007179 | -.101324 | -.000585 | -.000129 | .2343225 | .001223  | .0004235 |
| #2 | -.000083 | -.105730 | .000011  | -.000311 | .5915577 | -.010089 | .0007900 |
| #3 | .002608  | -.083693 | .000352  | -.000975 | .8031120 | -.003022 | .0001881 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.373008 | .0006335 | .0073501 | .0002623 | -.021275 | -.000173 | .0018065 |
| Stddev | .128397  | .0020006 | .0005663 | .0002554 | .002502  | .000549  | .0008799 |
| %RSD   | 34.42197 | 315.7924 | 7.705289 | 97.35929 | 11.76233 | 316.7659 | 48.70854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.228536 | .0005838 | .0079369 | .0005443 | -.022963 | -.000075 | .0008102 |
| #2 | -.416408 | -.001342 | .0073066 | .0000467 | -.022462 | .000320  | .0024772 |
| #3 | -.474081 | .002658  | .0068068 | .0001959 | -.018400 | -.000765 | .0021323 |

Sample Name: CCB012      Acquired: 10/31/2024 22:32:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000996 | .0102277 | .0003399 |
| Stddev | .001061  | .0005477 | .0000422 |
| %RSD   | 106.6193 | 5.355593 | 12.41556 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002200 | .0106746 | .0003446 |
| #2 | -.000590 | .0096166 | .0003795 |
| #3 | -.000197 | .0103918 | .0002955 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.8583 | 22330.83 | 2540.936 | 802.7709 | 1858.339 |
| Stddev    | .8943    | 55.45    | 16.175   | 1.7091   | 1.033    |
| %RSD      | .0940485 | .2483277 | .6365920 | .2128952 | .0556130 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.9719 | 22276.78 | 2531.321 | 801.0718 | 1858.514 |
| #2 | 950.8427 | 22328.14 | 2531.875 | 804.4897 | 1857.229 |
| #3 | 951.7602 | 22387.58 | 2559.611 | 802.7511 | 1859.274 |

Sample Name: P4500-12      Acquired: 10/31/2024 22:37:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0181963 | .0300799 | .1353164 | .1513804 | .1025998 | 140.3709 | 4.363406 |
| Stddev | .0139990 | .0034810 | .0041173 | .0090650 | .0026644 | 10.9562  | .337130  |
| %RSD   | 76.93308 | 11.57264 | 3.042721 | 5.988239 | 2.596918 | 7.805183 | 7.726307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087981 | .0262730 | .1376604 | .1410199 | .1051953 | 143.2816 | 4.463774 |
| #2 | .0342852 | .0331005 | .1305623 | .1578526 | .1027327 | 128.2532 | 3.987489 |
| #3 | .0115056 | .0308664 | .1377265 | .1552687 | .0998714 | 149.5778 | 4.638954 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1011694 | .1075571 | 465.1739 | 3.170327 | 1.330097 | .7750946 | 393.5898 |
| Stddev | .0062772 | .0014091 | 34.7498  | .010734  | .003257  | .0642500 | 29.7991  |
| %RSD   | 6.204632 | 1.310118 | 7.470283 | .3385688 | .2448642 | 8.289315 | 7.571103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1029967 | .1075481 | 473.8831 | 3.177076 | 1.329107 | .7912930 | 401.1379 |
| #2 | .0941813 | .1089707 | 426.8980 | 3.175956 | 1.333734 | .7042955 | 360.7425 |
| #3 | .1063302 | .1061525 | 494.7408 | 3.157950 | 1.327450 | .8296953 | 418.8890 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.959119 | 323.0622 | 4.818987 | .0752325 | 6.587922 | 1.956603 | 1.319871 |
| Stddev | .526864  | 24.4576  | .012153  | .0034217 | .395102  | .143113  | .003573  |
| %RSD   | 7.570840 | 7.570567 | .2521900 | 4.548193 | 5.997365 | 7.314367 | .2706991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.112127 | 329.0673 | 4.805268 | .0745996 | 6.777934 | 2.017513 | 1.322001 |
| #2 | 6.372687 | 296.1613 | 4.828403 | .0789266 | 6.133713 | 1.793110 | 1.315746 |
| #3 | 7.392543 | 343.9579 | 4.823290 | .0721715 | 6.852119 | 2.059184 | 1.321866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.475295 | 6.137058 | .3963125 | .0029577 | 3.331667 | 6.599418 | .0091535 |
| Stddev | .876292  | .018571  | .0338186 | .0005269 | .032440  | .418242  | .0005825 |
| %RSD   | 9.248182 | .3026042 | 8.533314 | 17.81376 | .9736822 | 6.337552 | 6.363739 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.659421 | 6.119897 | .4080718 | .0023635 | 3.294503 | 6.720552 | .0095365 |
| #2 | 8.521569 | 6.134503 | .3581840 | .0033680 | 3.354306 | 6.133980 | .0094409 |
| #3 | 10.24489 | 6.156775 | .4226817 | .0031416 | 3.346191 | 6.943723 | .0084832 |



Sample Name: P4500-12      Acquired: 10/31/2024 22:37:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.053525 | .1485911 | .8367557 |
| Stddev | .539970  | .0110357 | .0648960 |
| %RSD   | 7.655328 | 7.426900 | 7.755675 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.176561 | .1532601 | .8573386 |
| #2 | 6.462653 | .1359883 | .7640643 |
| #3 | 7.521359 | .1565249 | .8888643 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 932.5341 | 23333.00 | 2830.754 | 782.8688 | 1513.140 |
| Stddev    | 3.0943   | 99.78    | 177.151  | 1.4363   | 3.328    |
| %RSD      | .3318195 | .4276529 | 6.258081 | .1834685 | .2199639 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 932.6039 | 23272.74 | 2773.556 | 781.2125 | 1515.012 |
| #2 | 929.4055 | 23278.09 | 3029.438 | 783.7717 | 1509.297 |
| #3 | 935.5930 | 23448.18 | 2689.269 | 783.6222 | 1515.111 |

Sample Name: P4500-10LX5      Acquired: 10/31/2024 22:41:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.012047 | -.010609 | .0229519 | .0011501 | -.001494 | 35.99753 | .2349170 |
| Stddev | .001041  | .001853  | .0017185 | .0064084 | .001158  | .05846   | .0010854 |
| %RSD   | 8.641953 | 17.47128 | 7.487253 | 557.2073 | 77.49249 | .1623928 | .4620498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.011089 | -.009366 | .0240877 | -.006116 | -.000548 | 36.02442 | .2346872 |
| #2 | -.011896 | -.009722 | .0237931 | .005996  | -.001149 | 35.93047 | .2360990 |
| #3 | -.013155 | -.012739 | .0209749 | .003570  | -.002785 | 36.03771 | .2339649 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026433 | .0014699 | 108.9821 | .7961876 | .0908734 | .0892573 | 94.38969 |
| Stddev | .0001488 | .0001810 | .3799    | .0023992 | .0010789 | .0037673 | .30139   |
| %RSD   | 5.629194 | 12.31354 | .3486265 | .3013373 | 1.187292 | 4.220760 | .3193051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025991 | .0016510 | 108.9455 | .7989560 | .0912678 | .0894154 | 94.56901 |
| #2 | .0028092 | .0014697 | 108.6218 | .7947128 | .0916996 | .0929431 | 94.04173 |
| #3 | .0025216 | .0012890 | 109.3791 | .7948940 | .0896527 | .0854134 | 94.55834 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.817983 | 84.36624 | 1.080560 | -.001227 | 2.092648 | .2540812 | .1215099 |
| Stddev | .004412  | .46109   | .010204  | .000600  | .185637  | .0074676 | .0005546 |
| %RSD   | .2426621 | .5465356 | .9443242 | 48.92741 | 8.870921 | 2.939044 | .4563960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.812947 | 84.17466 | 1.086228 | -.000535 | 2.070779 | .2537092 | .1213204 |
| #2 | 1.821165 | 84.03182 | 1.086673 | -.001605 | 2.288251 | .2617279 | .1221344 |
| #3 | 1.819837 | 84.89224 | 1.068781 | -.001540 | 1.918914 | .2468066 | .1210749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.810308 | 1.176469 | .0998223 | -.000423 | .8816683 | 1.792601 | .0013919 |
| Stddev | .056703  | .008738  | .0001159 | .000461  | .0148128 | .001012  | .0025914 |
| %RSD   | 3.132227 | .7427135 | .1161457 | 109.0416 | 1.680090 | .0564482 | 186.1720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.870964 | 1.183063 | .0998810 | -.000953 | .8932531 | 1.791663 | -.001417 |
| #2 | 1.758628 | 1.179787 | .0998972 | -.000201 | .8867738 | 1.792467 | .001902  |
| #3 | 1.801332 | 1.166559 | .0996888 | -.000114 | .8649780 | 1.793673 | .003690  |

Sample Name: P4500-10LX5      Acquired: 10/31/2024 22:41:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP0L      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.177307 | .0353340 | .2228886 |
| Stddev | .007128  | .0012672 | .0009121 |
| %RSD   | .3273783 | 3.586380 | .4092071 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.176866 | .0353835 | .2234920 |
| #2 | 2.170410 | .0340428 | .2218394 |
| #3 | 2.184646 | .0365758 | .2233346 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 940.1815 | 22411.80 | 2593.950 | 790.3579 | 1695.549 |
| Stddev    | 9.4487   | 17.54    | 9.819    | 3.4928   | 16.286   |
| %RSD      | 1.004982 | .0782407 | .3785361 | .4419303 | .9605229 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 934.3864 | 22394.38 | 2594.091 | 790.8184 | 1684.922 |
| #2 | 935.0734 | 22429.44 | 2603.697 | 786.6577 | 1687.427 |
| #3 | 951.0846 | 22411.57 | 2584.061 | 793.5977 | 1714.299 |

Sample Name: P4500-13      Acquired: 10/31/2024 22:45:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.068958 | -.062202 | .1035353 | .0019343 | .0034081 | 156.4163 | .7879568 |
| Stddev | .010135  | .004478  | .0015443 | .0046965 | .0042117 | .1071    | .0008622 |
| %RSD   | 14.69752 | 7.198374 | 1.491542 | 242.8069 | 123.5781 | .0684600 | .1094225 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.076837 | -.058057 | .1017609 | .0064922 | .0028958 | 156.2980 | .7871567 |
| #2 | -.072513 | -.066951 | .1045751 | -.002890 | -.000524 | 156.4441 | .7888700 |
| #3 | -.057525 | -.061599 | .1042700 | .002200  | .007853  | 156.5067 | .7878436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100451 | .0134156 | 576.3864 | 2.841845 | .3570774 | .4045313 | 422.9761 |
| Stddev | .0002228 | .0002108 | .3608    | .003549  | .0012097 | .0004238 | .3769    |
| %RSD   | 2.217809 | 1.571242 | .0625919 | .1248745 | .3387718 | .1047633 | .0891088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0102248 | .0136333 | 576.7357 | 2.840616 | .3584678 | .4049739 | 422.8787 |
| #2 | .0101148 | .0134012 | 576.4082 | 2.839074 | .3562670 | .4041292 | 423.3922 |
| #3 | .0097959 | .0132124 | 576.0152 | 2.845845 | .3564973 | .4044907 | 422.6575 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.26928 | 349.8820 | 4.155091 | -.020429 | 6.280138 | 1.148012 | .5451010 |
| Stddev | .01266   | .3918    | .004736  | .000264  | .161477  | .004062  | .0034767 |
| %RSD   | .1232632 | .1119924 | .1139821 | 1.294542 | 2.571230 | .3537881 | .6378058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.26132 | 350.0765 | 4.158496 | -.020152 | 6.146521 | 1.152044 | .5490732 |
| #2 | 10.26264 | 350.1386 | 4.157093 | -.020679 | 6.234322 | 1.143922 | .5426116 |
| #3 | 10.28388 | 349.4310 | 4.149682 | -.020456 | 6.459573 | 1.148070 | .5436182 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.75135 | 7.434808 | .4239355 | .0042732 | 4.024392 | 8.706143 | .0079845 |
| Stddev | .11970   | .004341  | .0017257 | .0005564 | .015330  | .006564  | .0024464 |
| %RSD   | 1.113336 | .0583814 | .4070700 | 13.02118 | .3809310 | .0753904 | 30.63957 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.67517 | 7.435140 | .4258996 | .0040288 | 4.030879 | 8.712556 | .0107961 |
| #2 | 10.88932 | 7.438974 | .4232446 | .0049100 | 4.035412 | 8.699438 | .0068159 |
| #3 | 10.68958 | 7.430311 | .4226622 | .0038808 | 4.006885 | 8.706434 | .0063416 |

Sample Name: P4500-13      Acquired: 10/31/2024 22:45:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.658363 | .1688817 | .9853782 |
| Stddev | .013562  | .0003652 | .0016311 |
| %RSD   | .1566328 | .2162449 | .1655319 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 8.654778 | .1684601 | .9836951 |
| #2 | 8.673357 | .1690913 | .9854877 |
| #3 | 8.646954 | .1690939 | .9869519 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 928.3921 | 23195.23 | 2767.494 | 781.7626 | 1489.085 |
| Stddev    | 1.8589   | 15.76    | 3.795    | 4.3461   | 2.614    |
| %RSD      | .2002229 | .0679550 | .1371378 | .5559385 | .1755567 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 926.6115 | 23183.54 | 2763.111 | 776.8249 | 1487.154 |
| #2 | 928.2445 | 23213.15 | 2769.704 | 785.0080 | 1488.042 |
| #3 | 930.3204 | 23188.99 | 2769.665 | 783.4549 | 1492.060 |

Sample Name: P4500-14      Acquired: 10/31/2024 22:50:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.059464 | -.054997 | .0932799 | -.006822 | .0033385 | 141.2532 | .7857091 |
| Stddev | .005617  | .005545  | .0035240 | .003600  | .0012894 | .4037    | .0018025 |
| %RSD   | 9.445886 | 10.08192 | 3.777881 | 52.77470 | 38.62045 | .2858056 | .2294084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.059828 | -.051926 | .0941977 | -.008059 | .0032299 | 141.0699 | .7853898 |
| #2 | -.064891 | -.061398 | .0962542 | -.002766 | .0021069 | 141.7160 | .7876499 |
| #3 | -.053675 | -.051667 | .0893878 | -.009641 | .0046788 | 140.9736 | .7840876 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089742 | .0095876 | 224.5067 | 3.620058 | .3818912 | .3397080 | 365.5920 |
| Stddev | .0000619 | .0002817 | .3387    | .052069  | .0017513 | .0069862 | .4635    |
| %RSD   | .6897961 | 2.938336 | .1508610 | 1.438346 | .4585922 | 2.056534 | .1267773 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089050 | .0095038 | 224.5523 | 3.633082 | .3800993 | .3316983 | 365.9762 |
| #2 | .0089935 | .0093574 | 224.8202 | 3.562713 | .3819754 | .3445442 | 365.7226 |
| #3 | .0090242 | .0099018 | 224.1475 | 3.664378 | .3835989 | .3428813 | 365.0773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.413022 | 384.0010 | 4.685170 | -.018490 | 6.360771 | .9750673 | .4399078 |
| Stddev | .009642  | .3347    | .006697  | .001066  | .098823  | .0049018 | .0068780 |
| %RSD   | .1781211 | .0871547 | .1429505 | 5.762689 | 1.553627 | .5027102 | 1.563517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.424061 | 383.7051 | 4.680680 | -.018322 | 6.295306 | .9701564 | .4442590 |
| #2 | 5.408756 | 384.3642 | 4.681963 | -.019629 | 6.312561 | .9750856 | .4319783 |
| #3 | 5.406249 | 383.9338 | 4.692868 | -.017518 | 6.474446 | .9799599 | .4434861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.45653 | 5.070623 | .3644119 | -.000017 | 4.216446 | 8.772589 | .0083714 |
| Stddev | .04748   | .006993  | .0006958 | .000569  | .033246  | .029776  | .0025638 |
| %RSD   | .4144081 | .1379078 | .1909454 | 3284.184 | .7884815 | .3394176 | 30.62619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.50731 | 5.068714 | .3649592 | .000169  | 4.196433 | 8.806388 | .0081092 |
| #2 | 11.41325 | 5.064784 | .3646477 | .000435  | 4.198082 | 8.750231 | .0059487 |
| #3 | 11.44905 | 5.078373 | .3636288 | -.000656 | 4.254823 | 8.761147 | .0110562 |

Sample Name: P4500-14      Acquired: 10/31/2024 22:50:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 11.23440 | .0839388 | .8494103 |
| Stddev | .03164   | .0007380 | .0022941 |
| %RSD   | .2816462 | .8792466 | .2700832 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 11.23508 | .0837810 | .8473074 |
| #2 | 11.26570 | .0832924 | .8518569 |
| #3 | 11.20243 | .0847429 | .8490668 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.1046 | 23119.26 | 2715.591 | 778.6075 | 1546.972 |
| Stddev    | 2.5625   | 245.18   | 3.169    | 10.4813  | 1.049    |
| %RSD      | .2769968 | 1.060481 | .1167114 | 1.346163 | .0678248 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 923.3090 | 23074.72 | 2713.126 | 771.7142 | 1548.072 |
| #2 | 923.9656 | 23383.65 | 2714.482 | 790.6693 | 1546.862 |
| #3 | 928.0391 | 22899.40 | 2719.166 | 773.4391 | 1545.982 |

Sample Name: P4500-15      Acquired: 10/31/2024 22:54:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019787 | -.047415 | .0861057 | -.003647 | .0055728 | 105.4876 |
| Stddev | .0103918 | .005552  | .0051923 | .014536  | .0015978 | .3453    |
| %RSD   | 525.1945 | 11.70983 | 6.030172 | 398.5930 | 28.67072 | .3273335 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009612 | -.041108 | .0921005 | -.020047 | .0037509 | 105.4912 |
| #2 | .005085  | -.051566 | .0831890 | .007646  | .0067356 | 105.8311 |
| #3 | .010463  | -.049569 | .0830275 | .001461  | .0062318 | 105.1405 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4843174 | .0063729 | .0118867 | F 2089.430 | 2.045694 | .2197962 |
| Stddev | .0011506 | .0002867 | .0002057 | 1.922      | .003857  | .0014227 |
| %RSD   | .2375622 | 4.498294 | 1.730112 | .0919749   | .1885379 | .6472976 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4843670 | .0066900 | .0120287 | 2087.672 | 2.042073 | .2201373 |
| #2 | .4854423 | .0061320 | .0116509 | 2089.137 | 2.045259 | .2182340 |
| #3 | .4831428 | .0062967 | .0119806 | 2091.482 | 2.049750 | .2210174 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2529900 | 260.1483 | 3.773120 | 218.0377 | 2.501565 | .0165601 |
| Stddev | .0047593 | .8000    | .007321  | 1.1949   | .007362  | .0002641 |
| %RSD   | 1.881222 | .3075239 | .1940379 | .5480332 | .2942941 | 1.594715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2564318 | 260.0589 | 3.775048 | 217.7155 | 2.496472 | .0163060 |
| #2 | .2475588 | 260.9893 | 3.779283 | 219.3607 | 2.498217 | .0165413 |
| #3 | .2549795 | 259.3968 | 3.765027 | 217.0369 | 2.510006 | .0168331 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.225609 | .6887817 | .4277338 | 9.173903 | 6.645012 | .2749127 |
| Stddev | .324620  | .0044460 | .0020054 | .154083  | .037567  | .0016056 |
| %RSD   | 6.212095 | .6454931 | .4688368 | 1.679583 | .5653413 | .5840598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.420548 | .6837072 | .4295333 | 9.014076 | 6.608231 | .2731681 |
| #2 | 5.405408 | .6906452 | .4255719 | 9.186118 | 6.643487 | .2763285 |
| #3 | 4.850873 | .6919928 | .4280960 | 9.321516 | 6.683319 | .2752415 |



Sample Name: P4500-15      Acquired: 10/31/2024 22:54:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080158 | 5.929472 | 11.11334 | .0052822 | 4.562412 | .1296724 |
| Stddev | .0014886 | .006378  | .04905   | .0020565 | .021031  | .0019463 |
| %RSD   | 18.57040 | .1075694 | .4413803 | 38.93219 | .4609553 | 1.500921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0088717 | 5.923993 | 11.09901 | .0058435 | 4.556391 | .1316706 |
| #2 | .0088787 | 5.936474 | 11.16796 | .0069997 | 4.585796 | .1295640 |
| #3 | .0062969 | 5.927950 | 11.07304 | .0030034 | 4.545048 | .1277826 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.105481 |
| Stddev | .012216  |
| %RSD   | .2975551 |

|    |          |
|----|----------|
| #1 | 4.105833 |
| #2 | 4.117517 |
| #3 | 4.093093 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 855.0755 | 21229.45 | 2612.044 | 720.3125 | 1349.862 |
| Stddev    | .9349    | 29.70    | 10.116   | 1.6869   | 1.157    |
| %RSD      | .1093330 | .1399124 | .3872689 | .2341929 | .0857437 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 854.6718 | 21259.08 | 2614.521 | 721.5920 | 1350.854 |
| #2 | 856.1444 | 21199.68 | 2600.920 | 720.9447 | 1350.143 |
| #3 | 854.4104 | 21229.60 | 2620.691 | 718.4008 | 1348.591 |

Sample Name: P4500-16      Acquired: 10/31/2024 22:59:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.067689 | -.070438 | .1192483 | -.007513 | .0041784 | 154.9362 |
| Stddev | .004911  | .004706  | .0085778 | .007885  | .0067497 | .3124    |
| %RSD   | 7.255398 | 6.680824 | 7.193219 | 104.9527 | 161.5362 | .2016315 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.071254 | -.065013 | .1156379 | -.006178 | -.003283 | 155.0290 |
| #2 | -.062087 | -.072872 | .1290411 | -.000381 | .005958  | 154.5880 |
| #3 | -.069725 | -.073427 | .1130659 | -.015980 | .009860  | 155.1917 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8599881 | .0099754 | .0160399 | F 854.1978 | 3.719220 | .4689411 |
| Stddev | .0003933 | .0004575 | .0003329 | 1.9227     | .009320  | .0017664 |
| %RSD   | .0457300 | 4.586250 | 2.075299 | .2250924   | .2505918 | .3766693 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8604151 | .0105037 | .0157378 | 855.2672 | 3.708647 | .4669045 |
| #2 | .8596408 | .0097127 | .0163968 | 851.9781 | 3.722769 | .4700556 |
| #3 | .8599085 | .0097098 | .0159852 | 855.3480 | 3.726244 | .4698633 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4364764 | 432.1880 | 5.866624 | 504.7198 | F 5.580189 | -.013693 |
| Stddev | .0047693 | 1.0469   | .004291  | 1.1367   | .014550    | .000624  |
| %RSD   | 1.092672 | .2422373 | .0731343 | .2252207 | .2607521   | 4.560493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4315324 | 432.8689 | 5.862670 | 505.5907 | 5.563421 | -.014395 |
| #2 | .4410492 | 430.9825 | 5.866017 | 503.4339 | 5.587669 | -.013489 |
| #3 | .4368475 | 432.7127 | 5.871186 | 505.1348 | 5.589479 | -.013197 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.328010 | 1.139895 | .6462354 | 10.52019 | 6.937747 | .4422663 |
| Stddev | .378622  | .011928  | .0019437 | .20541   | .024878  | .0006592 |
| %RSD   | 5.166783 | 1.046381 | .3007734 | 1.952487 | .3585826 | .1490591 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.427250 | 1.126156 | .6441207 | 10.39874 | 6.910340 | .4422821 |
| #2 | 7.647129 | 1.147602 | .6466414 | 10.40449 | 6.958903 | .4429176 |
| #3 | 6.909651 | 1.145926 | .6479439 | 10.75735 | 6.943999 | .4415994 |

Sample Name: P4500-16      Acquired: 10/31/2024 22:59:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057906 | 9.633683 | 8.857686 | .0099037 | 9.771476 | .1488833 |
| Stddev | .0012340 | .029797  | .019446  | .0024996 | .014734  | .0005473 |
| %RSD   | 21.31041 | .3092995 | .2195413 | 25.23923 | .1507903 | .3676220 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0057363 | 9.612682 | 8.880117 | .0109451 | 9.773166 | .1494568 |
| #2 | .0070508 | 9.620580 | 8.845566 | .0117143 | 9.755969 | .1483666 |
| #3 | .0045846 | 9.667786 | 8.847377 | .0070518 | 9.785293 | .1488264 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.019323 |
| Stddev | .003534  |
| %RSD   | .1750041 |

|    |          |
|----|----------|
| #1 | 2.022802 |
| #2 | 2.015736 |
| #3 | 2.019432 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 893.6534 | 22550.57 | 2715.142 | 749.1075 | 1432.482 |
| Stddev    | .6353    | 40.31    | 11.747   | 3.5945   | .378     |
| %RSD      | .0710897 | .1787423 | .4326602 | .4798379 | .0263936 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 893.3623 | 22596.83 | 2701.948 | 749.2256 | 1432.905 |
| #2 | 894.3820 | 22523.01 | 2719.010 | 745.4555 | 1432.178 |
| #3 | 893.2158 | 22531.87 | 2724.467 | 752.6415 | 1432.362 |

Sample Name: P4500-17      Acquired: 10/31/2024 23:03:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.019022 | -.048275 | .0797239 | -.015511 | .0077490 | 145.0804 | .5142972 |
| Stddev | .007207  | .001715  | .0074716 | .004662  | .0017826 | 15.8403  | .0561223 |
| %RSD   | 37.88506 | 3.553357 | 9.371916 | 30.05264 | 23.00416 | 10.91828 | 10.91242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.022115 | -.050191 | .0719340 | -.010167 | .0057970 | 131.1799 | .4665336 |
| #2 | -.010785 | -.047753 | .0804073 | -.018738 | .0081594 | 141.7352 | .5002490 |
| #3 | -.024166 | -.046882 | .0868303 | -.017629 | .0092906 | 162.3261 | .5761090 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090119 | .0088550 | 255.5092 | 1.120705 | .2456671 | .2434908 | 331.3676 |
| Stddev | .0007840 | .0013449 | 26.7884  | .004824  | .0009134 | .0292830 | 35.0845  |
| %RSD   | 8.699753 | 15.18765 | 10.48432 | .4304294 | .3718059 | 12.02634 | 10.58777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082469 | .0101026 | 231.9009 | 1.124704 | .2467117 | .2148155 | 300.1661 |
| #2 | .0089752 | .0090321 | 250.0042 | 1.122063 | .2450184 | .2423108 | 324.5905 |
| #3 | .0098137 | .0074304 | 284.6224 | 1.115347 | .2452712 | .2733459 | 369.3462 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.271473 | 271.5249 | 1.279397 | -.018132 | 5.635371 | 1.009143 | .5132504 |
| Stddev | .356652  | 28.8649  | .003694  | .002740  | .973418  | .107826  | .0026742 |
| %RSD   | 10.90188 | 10.63067 | .2887289 | 15.11103 | 17.27336 | 10.68489 | .5210319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.953716 | 245.8958 | 1.281246 | -.016014 | 4.931234 | .910123  | .5162652 |
| #2 | 3.203472 | 265.8855 | 1.281801 | -.017157 | 5.228701 | .993285  | .5111647 |
| #3 | 3.657230 | 302.7933 | 1.275144 | -.021227 | 6.746180 | 1.124019 | .5123213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.255745 | 6.675421 | .3307405 | .0007140 | 2.304773 | 7.927898 | .0083554 |
| Stddev | 1.232425 | .008472  | .0372823 | .0007183 | .019626  | .700787  | .0007527 |
| %RSD   | 13.31525 | .1269093 | 11.27236 | 100.6008 | .8515398 | 8.839503 | 9.008228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.133830 | 6.665639 | .2978596 | .0002082 | 2.285406 | 7.321279 | .0091626 |
| #2 | 9.058513 | 6.680302 | .3231163 | .0015362 | 2.324649 | 7.767406 | .0076727 |
| #3 | 10.57489 | 6.680323 | .3712455 | .0003976 | 2.304264 | 8.695009 | .0082310 |

Sample Name: P4500-17      Acquired: 10/31/2024 23:03:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.473085 | .3227916 | .8296481 |
| Stddev | .594273  | .0342941 | .0904148 |
| %RSD   | 10.85809 | 10.62422 | 10.89797 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.953464 | .2941481 | .7506733 |
| #2 | 5.344752 | .3134331 | .8099994 |
| #3 | 6.121039 | .3607934 | .9282715 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 939.8249 | 22985.41 | 2847.107 | 790.8290 | 1562.923 |
| Stddev    | 2.8354   | 47.21    | 240.181  | .4710    | 4.600    |
| %RSD      | .3016940 | .2053771 | 8.435979 | .0595528 | .2943155 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 936.8618 | 23039.70 | 3066.572 | 790.3258 | 1558.190 |
| #2 | 942.5124 | 22954.01 | 2884.219 | 790.9018 | 1563.200 |
| #3 | 940.1004 | 22962.53 | 2590.529 | 791.2592 | 1567.377 |

Sample Name: P4500-18      Acquired: 10/31/2024 23:07:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.025778 | -.045771 | .0600894 | -.006210 | .0037014 | 136.6456 |
| Stddev | .008528  | .005706  | .0033040 | .012724  | .0038109 | .3228    |
| %RSD   | 33.08373 | 12.46580 | 5.498426 | 204.8981 | 102.9595 | .2362015 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.016461 | -.039343 | .0583150 | -.020509 | -.000690 | 136.3299 |
| #2 | -.027675 | -.050238 | .0580517 | .003864  | .005651  | 136.9750 |
| #3 | -.033198 | -.047731 | .0639015 | -.001984 | .006143  | 136.6318 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4117046 | .0071809 | .0083939 | F 928.9256 | 1.499066 | .1505863 |
| Stddev | .0014891 | .0002086 | .0000997 | 1.4687     | .003148  | .0010552 |
| %RSD   | .3617003 | 2.904866 | 1.187354 | .1581042   | .2099921 | .7007513 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4103759 | .0073925 | .0083199 | 927.2302 | 1.499878 | .1518041 |
| #2 | .4133142 | .0071749 | .0083546 | 929.8051 | 1.495592 | .1499435 |
| #3 | .4114236 | .0069754 | .0085072 | 929.7417 | 1.501729 | .1500112 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1900933 | 277.9995 | 3.580146 | 241.6231 | 1.034387 | -.002298 |
| Stddev | .0043409 | .7533    | .010257  | .4994    | .001211  | .000135  |
| %RSD   | 2.283562 | .2709648 | .2865104 | .2066963 | .1170600 | 5.859581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1941714 | 277.4086 | 3.568475 | 241.7645 | 1.034549 | -.002402 |
| #2 | .1855303 | 278.8477 | 3.584238 | 241.0682 | 1.033103 | -.002146 |
| #3 | .1905781 | 277.7423 | 3.587726 | 242.0365 | 1.035508 | -.002345 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.865667 | 1.073967 | .4258641 | 8.942075 | 6.630847 | .2919127 |
| Stddev | .193400  | .013301  | .0006506 | .205207  | .011797  | .0018597 |
| %RSD   | 3.974791 | 1.238524 | .1527619 | 2.294842 | .1779146 | .6370679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.908461 | 1.068835 | .4261329 | 8.705384 | 6.640127 | .2903358 |
| #2 | 4.654454 | 1.063996 | .4263373 | 9.070049 | 6.617571 | .2939635 |
| #3 | 5.034086 | 1.089070 | .4251222 | 9.050792 | 6.634844 | .2914389 |

Sample Name: P4500-18      Acquired: 10/31/2024 23:07:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002568 | 3.674340 | 8.306783 | .0066998 | 8.343113 | .2413356 |
| Stddev | .001088  | .006902  | .020289  | .0019426 | .020608  | .0005861 |
| %RSD   | 42.38242 | .1878334 | .2442442 | 28.99470 | .2470008 | .2428442 |
| #1     | -.003667 | 3.674751 | 8.283402 | .0065146 | 8.323539 | .2406605 |
| #2     | -.001491 | 3.681027 | 8.319757 | .0048564 | 8.364618 | .2416318 |
| #3     | -.002545 | 3.667242 | 8.317190 | .0087283 | 8.341183 | .2417144 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.689926 |
| Stddev | .003569  |
| %RSD   | .2111966 |
| #1     | 1.685911 |
| #2     | 1.692741 |
| #3     | 1.691125 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 908.4271 | 22448.68 | 2712.705 | 763.3203 | 1454.970 |
| Stddev    | 1.7774   | 41.23    | 3.419    | 3.3376   | .351     |
| %RSD      | .1956515 | .1836458 | .1260544 | .4372536 | .0241187 |
| #1        | 907.5228 | 22401.46 | 2715.917 | 760.4728 | 1455.284 |
| #2        | 910.4748 | 22467.06 | 2709.110 | 762.4950 | 1455.035 |
| #3        | 907.2838 | 22477.52 | 2713.089 | 766.9932 | 1454.592 |

Sample Name: P4500-19      Acquired: 10/31/2024 23:12:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003072 | -.025147 | .0402481 | .0008397 | .0026751 | 57.54590 |
| Stddev | .003243  | .001828  | .0004658 | .0046265 | .0028768 | .10078   |
| %RSD   | 105.5911 | 7.270911 | 1.157198 | 550.9560 | 107.5397 | .1751317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006808 | -.024796 | .0406348 | .0005531 | -.000246 | 57.65833 |
| #2 | -.001429 | -.023520 | .0403785 | .0056028 | .005505  | 57.51568 |
| #3 | -.000978 | -.027126 | .0397311 | -.003637 | .002766  | 57.46368 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2732324 | .0046952 | .0031631 | 77.94770 | 1.530700 | .1800181 |
| Stddev | .0003638 | .0001780 | .0001933 | .16672   | .003979  | .0006577 |
| %RSD   | .1331583 | 3.791010 | 6.110285 | .2138852 | .2599499 | .3653287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2729305 | .0048360 | .0031607 | 78.13579 | 1.526140 | .1793790 |
| #2 | .2731303 | .0047545 | .0033576 | 77.81815 | 1.533469 | .1806928 |
| #3 | .2736363 | .0044952 | .0029710 | 77.88915 | 1.532490 | .1799824 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1788718 | 173.6752 | 2.970938 | 88.59801 | 1.999586 | -.011859 |
| Stddev | .0031651 | .4107    | .011701  | .16689   | .004612  | .000705  |
| %RSD   | 1.769492 | .2364878 | .3938381 | .1883711 | .2306245 | 5.940962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1820188 | 174.1245 | 2.967753 | 88.65891 | 1.994394 | -.012670 |
| #2 | .1789079 | 173.3191 | 2.983901 | 88.72589 | 2.001159 | -.011510 |
| #3 | .1756888 | 173.5821 | 2.961159 | 88.40922 | 2.003206 | -.011397 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.823384 | .5112453 | .1914267 | 3.808616 | 1.322491 | .3505452 |
| Stddev | .041786  | .0016220 | .0019828 | .101496  | .005242  | .0017612 |
| %RSD   | .8663283 | .3172674 | 1.035800 | 2.664913 | .3963620 | .5024056 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.812375 | .5129308 | .1934351 | 3.792144 | 1.317758 | .3524915 |
| #2 | 4.788204 | .5096953 | .1894705 | 3.716364 | 1.321591 | .3500826 |
| #3 | 4.869572 | .5111098 | .1913746 | 3.917341 | 1.328125 | .3490615 |



Sample Name: P4500-19      Acquired: 10/31/2024 23:12:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0629688 | F 153.3667 | 6.801122 | .0076618 | 3.875247 | .0736697 |
| Stddev | .0003379 | .3467      | .025832  | .0005299 | .005274  | .0012137 |
| %RSD   | .5365932 | .2260868   | .3798163 | 6.916302 | .1360952 | 1.647548 |
| #1     | .0626037 | 153.0584   | 6.828416 | .0075602 | 3.879469 | .0722731 |
| #2     | .0632705 | 153.2997   | 6.797893 | .0082351 | 3.869335 | .0742656 |
| #3     | .0630322 | 153.7421   | 6.777057 | .0071900 | 3.876936 | .0744703 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4495892 |
| Stddev | .0005979 |
| %RSD   | .1330000 |
| #1     | .4497802 |
| #2     | .4500684 |
| #3     | .4489191 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 946.4826 | 22902.46 | 2693.513 | 790.1738 | 1717.158 |
| Stddev    | .1733    | 49.70    | 8.265    | 3.8752   | 1.327    |
| %RSD      | .0183139 | .2169982 | .3068551 | .4904235 | .0773045 |
| #1        | 946.6027 | 22959.41 | 2685.929 | 790.3508 | 1718.202 |
| #2        | 946.2839 | 22880.08 | 2692.289 | 793.9574 | 1717.606 |
| #3        | 946.5612 | 22867.89 | 2702.323 | 786.2131 | 1715.664 |

Sample Name: P4500-20      Acquired: 10/31/2024 23:16:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.028929 | -.049217 | 2.158259 | -.009008 | .0052521 | 118.9675 |
| Stddev | .003308  | .001844  | .012925  | .011195  | .0045722 | .3486    |
| %RSD   | 11.43467 | 3.745660 | .5988549 | 124.2820 | 87.05461 | .2930586 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.026972 | -.051026 | 2.148215 | -.009639 | .0010874 | 118.6627 |
| #2 | -.027066 | -.047341 | 2.153720 | .002490  | .0101446 | 119.3477 |
| #3 | -.032748 | -.049283 | 2.172840 | -.019873 | .0045244 | 118.8922 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7572561 | .0071064 | .0111561 | F 1322.850 | 2.698072 | .2981464 |
| Stddev | .0026242 | .0001438 | .0002079 | 5.314      | .000594  | .0017577 |
| %RSD   | .3465449 | 2.023216 | 1.863885 | .4016968   | .0220025 | .5895403 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7597938 | .0070888 | .0112363 | 1321.587 | 2.697830 | .2962702 |
| #2 | .7574215 | .0072581 | .0109201 | 1328.682 | 2.697638 | .2984141 |
| #3 | .7545531 | .0069722 | .0113121 | 1318.282 | 2.698749 | .2997549 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2766295 | 298.2471 | 5.770333 | 349.0417 | 3.551412 | .0028805 |
| Stddev | .0043469 | .7455    | .015173  | 1.4347   | .004898  | .0005707 |
| %RSD   | 1.571388 | .2499518 | .2629475 | .4110355 | .1379200 | 19.81255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2738440 | 297.8030 | 5.766533 | 347.5074 | 3.546534 | .0028092 |
| #2 | .2744061 | 299.1077 | 5.787044 | 350.3499 | 3.551372 | .0023488 |
| #3 | .2816384 | 297.8305 | 5.757421 | 349.2679 | 3.556330 | .0034835 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.81211 | .7810816 | .5338981 | 8.362635 | 7.320771 | .3629472 |
| Stddev | .22042   | .0193654 | .0029871 | .100269  | .017673  | .0016527 |
| %RSD   | 1.488118 | 2.479306 | .5594814 | 1.199015 | .2414027 | .4553516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.03190 | .7917344 | .5328012 | 8.247592 | 7.300375 | .3645975 |
| #2 | 14.59106 | .7927818 | .5316145 | 8.431460 | 7.331515 | .3629520 |
| #3 | 14.81337 | .7587285 | .5372785 | 8.408853 | 7.330425 | .3612921 |

Sample Name: P4500-20      Acquired: 10/31/2024 23:16:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025252 | 13.28260 | 10.51331 | .0227476 | 7.470384 | .1213208 |
| Stddev | .0002425 | .05853   | .05430   | .0033753 | .017848  | .0027265 |
| %RSD   | 9.605024 | .4406639 | .5164877 | 14.83806 | .2389223 | 2.247356 |
| #1     | .0025631 | 13.32324 | 10.55062 | .0209987 | 7.468524 | .1184633 |
| #2     | .0022660 | 13.21551 | 10.53830 | .0206056 | 7.489090 | .1216050 |
| #3     | .0027466 | 13.30905 | 10.45102 | .0266384 | 7.453538 | .1238941 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.705274 |
| Stddev | .046813  |
| %RSD   | .6075484 |
| #1     | 7.697489 |
| #2     | 7.755492 |
| #3     | 7.662841 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 880.3909 | 22013.97 | 2678.726 | 737.6192 | 1395.929 |
| Stddev    | 1.2361   | 63.65    | 8.712    | 1.0545   | 1.677    |
| %RSD      | .1403982 | .2891397 | .3252472 | .1429630 | .1201329 |
| #1        | 881.0163 | 22031.00 | 2675.640 | 737.1103 | 1397.826 |
| #2        | 881.1892 | 22067.38 | 2671.976 | 738.8317 | 1394.644 |
| #3        | 878.9671 | 21943.54 | 2688.561 | 736.9157 | 1395.317 |

Sample Name: P4500-21      Acquired: 10/31/2024 23:21:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.064871 | -.064676 | .0954220 | -.004001 | .0012127 | 145.1832 | .6060055 |
| Stddev | .011067  | .003412  | .0051283 | .006565  | .0006136 | .1627    | .0018559 |
| %RSD   | 17.06063 | 5.274843 | 5.374279 | 164.0706 | 50.59417 | .1120995 | .3062488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.077628 | -.068129 | .0981353 | -.000693 | .0019163 | 145.1742 | .6060418 |
| #2 | -.057828 | -.064591 | .0986236 | .000251  | .0007887 | 145.0251 | .6041318 |
| #3 | -.059159 | -.061308 | .0895072 | -.011563 | .0009332 | 145.3503 | .6078430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099364 | .0117543 | 484.6365 | 2.872089 | .3445140 | .3882299 | 402.3638 |
| Stddev | .0002421 | .0002001 | .1647    | .003057  | .0002981 | .0036055 | .7953    |
| %RSD   | 2.436249 | 1.702412 | .0339792 | .1064391 | .0865352 | .9286970 | .1976658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097035 | .0115857 | 484.7399 | 2.869761 | .3444512 | .3896805 | 401.7717 |
| #2 | .0101867 | .0117017 | 484.7229 | 2.875551 | .3448385 | .3841250 | 403.2678 |
| #3 | .0099190 | .0119754 | 484.4466 | 2.870954 | .3442523 | .3908841 | 402.0519 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.849457 | 339.8001 | 3.938975 | -.020115 | 7.892846 | 1.067923 | .5095234 |
| Stddev | .018756  | 1.1057   | .008163  | .000311  | .160165  | .010951  | .0007544 |
| %RSD   | .3867556 | .3253831 | .2072436 | 1.544107 | 2.029244 | 1.025476 | .1480569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.844734 | 338.5292 | 3.947697 | -.020103 | 7.896153 | 1.080210 | .5102434 |
| #2 | 4.833515 | 340.3306 | 3.937711 | -.019810 | 7.731053 | 1.059188 | .5087388 |
| #3 | 4.870123 | 340.5405 | 3.931518 | -.020431 | 8.051332 | 1.064373 | .5095880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.723113 | 6.143812 | .4112592 | .0018259 | 5.023842 | 7.209919 | .0089936 |
| Stddev | .199311  | .012374  | .0005085 | .0007390 | .012675  | .034931  | .0044810 |
| %RSD   | 2.049870 | .2014030 | .1236433 | 40.47428 | .2523014 | .4844838 | 49.82399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.922093 | 6.138319 | .4107255 | .0018847 | 5.034314 | 7.208893 | .0087922 |
| #2 | 9.523473 | 6.157981 | .4117381 | .0025337 | 5.027461 | 7.175513 | .0135719 |
| #3 | 9.723773 | 6.135135 | .4113138 | .0010592 | 5.009751 | 7.245352 | .0046167 |

Sample Name: P4500-21      Acquired: 10/31/2024 23:21:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.349396 | .1613617 | .7949932 |
| Stddev | .003836  | .0024342 | .0007937 |
| %RSD   | .0521964 | 1.508540 | .0998431 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.350423 | .1641208 | .7946439 |
| #2 | 7.352614 | .1604467 | .7944341 |
| #3 | 7.345151 | .1595176 | .7959018 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 932.2591 | 23125.22 | 2759.698 | 781.9846 | 1517.245 |
| Stddev    | 1.6171   | 84.94    | 4.677    | 4.6507   | 5.837    |
| %RSD      | .1734653 | .3673224 | .1694599 | .5947343 | .3847174 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 930.5990 | 23124.92 | 2759.653 | 780.3899 | 1510.760 |
| #2 | 932.3487 | 23040.42 | 2764.397 | 778.3410 | 1518.895 |
| #3 | 933.8296 | 23210.31 | 2755.044 | 787.2229 | 1522.079 |

Sample Name: P4500-22      Acquired: 10/31/2024 23:25:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.066260 | -.057615 | .1101749 | -.007140 | .0012371 | 113.4063 |
| Stddev | .005396  | .002648  | .0044605 | .006429  | .0022294 | .2058    |
| %RSD   | 8.142963 | 4.596820 | 4.048526 | 90.03638 | 180.2152 | .1814842 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.060154 | -.058900 | .1076427 | -.014163 | -.001325 | 113.2148 |
| #2 | -.070385 | -.054570 | .1153251 | -.001547 | .002305  | 113.3800 |
| #3 | -.068242 | -.059377 | .1075569 | -.005710 | .002732  | 113.6239 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5838262 | .0083991 | .0110592 | 498.6235 | 5.761715 | .4014895 |
| Stddev | .0009797 | .0006272 | .0001996 | .4063    | .004395  | .0011344 |
| %RSD   | .1678037 | 7.467752 | 1.805211 | .0814875 | .0762754 | .2825498 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5832611 | .0091208 | .0112652 | 498.2896 | 5.756712 | .4024436 |
| #2 | .5832602 | .0080904 | .0108666 | 498.5051 | 5.763481 | .4002352 |
| #3 | .5849575 | .0079860 | .0110457 | 499.0759 | 5.764951 | .4017898 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2793178 | 386.2810 | 5.367458 | 601.3916 | F 6.987441 | -.012762 |
| Stddev | .0045127 | .2151    | .013401  | .8056    | .006427    | .000841  |
| %RSD   | 1.615623 | .0556940 | .2496631 | .1339640 | .0919814   | 6.591869 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2811618 | 386.0951 | 5.351988 | 600.5632 | 6.994635 | -.012307 |
| #2 | .2826166 | 386.5166 | 5.374895 | 601.4391 | 6.985422 | -.013733 |
| #3 | .2741751 | 386.2313 | 5.375490 | 602.1724 | 6.982265 | -.012247 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.59459 | .8800843 | .4544736 | 8.420528 | 5.449511 | .4478731 |
| Stddev | .17216   | .0109195 | .0013633 | .016933  | .004822  | .0011071 |
| %RSD   | 1.624940 | 1.240729 | .2999651 | .2010908 | .0884871 | .2471811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.41378 | .8797016 | .4542363 | 8.437315 | 5.452915 | .4482399 |
| #2 | 10.61345 | .8693612 | .4532446 | 8.420818 | 5.443993 | .4466292 |
| #3 | 10.75654 | .8911900 | .4559400 | 8.403453 | 5.451625 | .4487502 |

Sample Name: P4500-22      Acquired: 10/31/2024 23:25:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119925 | 94.17036 | 6.869121 | .0034953 | 9.590684 | .1264109 |
| Stddev | .0010700 | .14983   | .044912  | .0026509 | .034552  | .0009389 |
| %RSD   | 8.922658 | .1591093 | .6538227 | 75.84291 | .3602668 | .7427060 |
| #1     | .0108050 | 94.26400 | 6.912746 | .0027675 | 9.558341 | .1264600 |
| #2     | .0122908 | 94.24952 | 6.871594 | .0064341 | 9.586626 | .1273243 |
| #3     | .0128819 | 93.99755 | 6.823024 | .0012843 | 9.627086 | .1254485 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.251895 |
| Stddev | .001168  |
| %RSD   | .0932708 |
| #1     | 1.252415 |
| #2     | 1.250557 |
| #3     | 1.252711 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 874.5325 | 22073.72 | 2657.097 | 726.1037 | 1478.056 |
| Stddev    | 1.6737   | 34.68    | 12.434   | 4.4351   | 3.092    |
| %RSD      | .1913789 | .1571289 | .4679478 | .6108105 | .2092153 |
| #1        | 872.6829 | 22111.05 | 2647.714 | 730.4298 | 1476.430 |
| #2        | 875.9424 | 22042.50 | 2652.378 | 726.3142 | 1476.116 |
| #3        | 874.9721 | 22067.62 | 2671.200 | 721.5671 | 1481.622 |

Sample Name: PB164543BL      Acquired: 10/31/2024 23:30:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS543      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003588 | .0027202 | -.001476 | .0001241 | -.002542 | .0261123 | -.000749 |
| Stddev | .002408  | .0007848 | .004665  | .0028093 | .000942  | .0145864 | .000411  |
| %RSD   | 67.10974 | 28.85149 | 316.0781 | 2263.559 | 37.05383 | 55.86033 | 54.90312 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005098 | .0018897 | -.005484 | -.001056 | -.002352 | .0332835 | -.001010 |
| #2 | -.000811 | .0028214 | -.002588 | .003331  | -.003563 | .0357250 | -.000275 |
| #3 | -.004855 | .0034495 | .003645  | -.001902 | -.001709 | .0093285 | -.000961 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002944 | .0000192 | .0272447 | .0007923 | .0001367 | -.003262 | .0273252 |
| Stddev | .0001782 | .0001212 | .0065218 | .0003041 | .0003382 | .005146  | .0235969 |
| %RSD   | 60.53364 | 631.0900 | 23.93783 | 38.38810 | 247.2971 | 157.7473 | 86.35599 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000896 | -.000109 | .0227906 | .0006049 | .0003438 | .001253  | .0037476 |
| #2 | .0004143 | .000033  | .0347305 | .0011432 | -.000253 | -.008865 | .0272865 |
| #3 | .0003794 | .000133  | .0242131 | .0006287 | .000320  | -.002174 | .0509414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001142 | -.014008 | .0000916 | .0007344 | .8984224 | -.008976 | -.000088 |
| Stddev | .000494  | .031714  | .0002046 | .0013446 | .1240270 | .014036  | .000707  |
| %RSD   | 43.22172 | 226.4037 | 223.3411 | 183.0819 | 13.80498 | 156.3650 | 807.0482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001368 | -.025936 | -.000099 | .0019508 | .8127944 | -.007663 | -.000671 |
| #2 | -.001482 | -.038029 | .000308  | -.000709 | 1.040653 | .004356  | .000698  |
| #3 | -.000576 | .021941  | .000066  | .000962  | .841820  | -.023623 | -.000290 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.440756 | -.001781 | .0002403 | .0001283 | -.012047 | .0005004 | .0026529 |
| Stddev | .023407  | .001142  | .0001976 | .0003683 | .002292  | .0005059 | .0004663 |
| %RSD   | 5.310719 | 64.13288 | 82.26138 | 287.0521 | 19.02741 | 101.1056 | 17.57656 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.413942 | -.002573 | .0000881 | -.000114 | -.013684 | .0005585 | .0029191 |
| #2 | -.451223 | -.000472 | .0004636 | -.000053 | -.009427 | .0009748 | .0029252 |
| #3 | -.457104 | -.002299 | .0001690 | .000552  | -.013030 | -.000032 | .0021145 |



Sample Name: PB164543BL      Acquired: 10/31/2024 23:30:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS543      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0020865 | .0093516 | -.000008 |
| Stddev | .0023128 | .0008439 | .000049  |
| %RSD   | 110.8427 | 9.024313 | 575.1482 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0022725 | .0100648 | -.000064 |
| #2 | .0043006 | .0095701 | .000023  |
| #3 | -.000314 | .0084199 | .000016  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 954.2266 | 21992.97 | 2535.689 | 786.6174 | 1869.934 |
| Stddev    | 1.5830   | 458.03   | 23.569   | 18.8200  | 2.233    |
| %RSD      | .1658923 | 2.082638 | .9294820 | 2.392517 | .1194383 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 955.4788 | 21465.98 | 2515.479 | 764.9101 | 1868.454 |
| #2 | 954.7536 | 22217.72 | 2530.011 | 798.3573 | 1868.845 |
| #3 | 952.4473 | 22295.22 | 2561.579 | 796.5848 | 1872.503 |

Sample Name: PB164543BS      Acquired: 10/31/2024 23:34:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS543      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209640 | .0536398 | .0187251 | .0690711 | .1142677 | .4231466 |
| Stddev | .0005632 | .0038565 | .0024520 | .0030557 | .0028001 | .0135543 |
| %RSD   | 2.686336 | 7.189604 | 13.09459 | 4.423933 | 2.450456 | 3.203225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0204783 | .0496977 | .0172880 | .0722144 | .1111738 | .4111048 |
| #2 | .0208323 | .0574046 | .0173310 | .0661114 | .1150013 | .4205091 |
| #3 | .0215813 | .0538172 | .0215563 | .0688875 | .1166279 | .4378258 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4370884 | .0115659 | .0105665 | 11.59482 | .0235473 | .1033517 |
| Stddev | .0008428 | .0001379 | .0000633 | .06490   | .0003530 | .0005338 |
| %RSD   | .1928121 | 1.192391 | .5991748 | .5597720 | 1.499303 | .5165159 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4362988 | .0114071 | .0105085 | 11.60053 | .0235600 | .1028331 |
| #2 | .4379758 | .0116351 | .0106340 | 11.52725 | .0231881 | .1033226 |
| #3 | .4369905 | .0116555 | .0105569 | 11.65669 | .0238938 | .1038995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0498670 | .2356147 | .0336962 | 11.23588 | .0860595 | .0239966 |
| Stddev | .0018187 | .0328942 | .0012506 | .04848   | .0004464 | .0000372 |
| %RSD   | 3.647093 | 13.96102 | 3.711420 | .4314748 | .5186588 | .1549702 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0495776 | .2570057 | .0349899 | 11.18158 | .0860267 | .0239833 |
| #2 | .0518130 | .1977375 | .0336050 | 11.25123 | .0856305 | .0240386 |
| #3 | .0482103 | .2521011 | .0324937 | 11.27482 | .0865214 | .0239678 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.09249 | .1090378 | .1180717 | 9.762468 | .0191813 | F .0010360 |
| Stddev | .22129   | .0048610 | .0006625 | .161481  | .0037203 | .0007122   |
| %RSD   | 1.994916 | 4.458120 | .5610914 | 1.654098 | 19.39526 | 68.74371   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.96275 | .1130387 | .1173154 | 9.580618 | .0151440 | .0013551 |
| #2 | 11.34800 | .1036279 | .1185494 | 9.817700 | .0199289 | .0015328 |
| #3 | 10.96672 | .1104467 | .1183503 | 9.889087 | .0224710 | .0002201 |

Sample Name: PB164543BS      Acquired: 10/31/2024 23:34:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS543      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |            |
|--------|------------|----------|------------|----------|----------|------------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | F .0201769 | .1634642 | F .4853010 | .0134563 | .2167351 | F .0407053 |
| Stddev | .0005299   | .0068910 | .0021539   | .0009233 | .0016699 | .0034632   |
| %RSD   | 2.626069   | 4.215626 | .4438185   | 6.861883 | .7704779 | 8.508083   |
| #1     | .0204523   | .1679386 | .4842519   | .0124431 | .2167264 | .0385665   |
| #2     | .0205124   | .1669254 | .4838727   | .0142505 | .2150696 | .0447010   |
| #3     | .0195661   | .1555287 | .4877784   | .0136752 | .2184094 | .0388484   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2170752 |
| Stddev | .0006165 |
| %RSD   | .2840082 |
| #1     | .2163652 |
| #2     | .2173854 |
| #3     | .2174749 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 944.1771 | 22128.70 | 2531.623 | 790.7263 | 1820.650 |
| Stddev    | 1.4173   | 28.55    | 11.938   | .6877    | 4.480    |
| %RSD      | .1501066 | .1290317 | .4715532 | .0869689 | .2460667 |
| #1        | 945.8072 | 22108.87 | 2534.802 | 790.0420 | 1825.540 |
| #2        | 943.4875 | 22115.81 | 2541.650 | 790.7197 | 1816.744 |
| #3        | 943.2366 | 22161.43 | 2518.418 | 791.4173 | 1819.667 |

Sample Name: P4499-01      Acquired: 10/31/2024 23:39:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.023022 | -.057798 | .0965276 | -.013919 | .0005223 | 127.0175 |
| Stddev | .005203  | .001445  | .0049206 | .005214  | .0025861 | .2379    |
| %RSD   | 22.59934 | 2.500820 | 5.097639 | 37.46255 | 495.1784 | .1872633 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.028528 | -.056340 | .0919392 | -.019873 | .0030029 | 127.1415 |
| #2 | -.022351 | -.059231 | .0959196 | -.010168 | -.002158 | 126.7432 |
| #3 | -.018187 | -.057823 | .1017240 | -.011715 | .000722  | 127.1677 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4829426 | .0095445 | .0121877 | F 989.2031 | 1.392589 | .2792361 |
| Stddev | .0018195 | .0003710 | .0003377 | 2.6151     | .006948  | .0012740 |
| %RSD   | .3767473 | 3.887427 | 2.771167 | .2643594   | .4989483 | .4562353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4824226 | .0091341 | .0124515 | 988.7273 | 1.385155 | .2780965 |
| #2 | .4814398 | .0098562 | .0118070 | 986.8586 | 1.398920 | .2790003 |
| #3 | .4849655 | .0096432 | .0123046 | 992.0234 | 1.393691 | .2806115 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3683045 | 364.3382 | 4.718491 | 209.0052 | 1.919508 | -.010914 |
| Stddev | .0060342 | 1.1343   | .014816  | .8672    | .003124  | .000590  |
| %RSD   | 1.638379 | .3113255 | .3139887 | .4149019 | .1627535 | 5.409262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3616983 | 364.1860 | 4.735574 | 209.1125 | 1.918087 | -.011444 |
| #2 | .3735262 | 363.2877 | 4.710745 | 208.0893 | 1.917347 | -.011020 |
| #3 | .3696889 | 365.5409 | 4.709154 | 209.8137 | 1.923090 | -.010278 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.866502 | .9912610 | .5474870 | 10.10759 | 7.738553 | .3698169 |
| Stddev | .183717  | .0135771 | .0023326 | .09632   | .004507  | .0027931 |
| %RSD   | 3.131629 | 1.369676 | .4260479 | .9529131 | .0582393 | .7552550 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.835858 | 1.004792 | .5448854 | 10.00676 | 7.742379 | .3714972 |
| #2 | 5.700034 | .977638  | .5481843 | 10.19864 | 7.739696 | .3665927 |
| #3 | 6.063614 | .991353  | .5493914 | 10.11736 | 7.733585 | .3713608 |

Sample Name: P4499-01      Acquired: 10/31/2024 23:39:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056294 | 3.411321 | 5.868384 | .0056792 | 4.842602 | .2242240 |
| Stddev | .0010290 | .008051  | .029794  | .0012398 | .011943  | .0010804 |
| %RSD   | 18.27902 | .2360159 | .5077070 | 21.83076 | .2466204 | .4818401 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064604 | 3.419941 | 5.897217 | .0070849 | 4.842892 | .2230767 |
| #2 | .0044784 | 3.410024 | 5.837714 | .0052111 | 4.830517 | .2252220 |
| #3 | .0059492 | 3.403996 | 5.870220 | .0047416 | 4.854398 | .2243734 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.597210 |
| Stddev | .004503  |
| %RSD   | .2819151 |

|    |          |
|----|----------|
| #1 | 1.601608 |
| #2 | 1.592609 |
| #3 | 1.597413 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 926.5693 | 22878.35 | 2741.343 | 775.1378 | 1466.654 |
| Stddev    | 2.0294   | 89.71    | 15.411   | 2.5460   | 1.719    |
| %RSD      | .2190280 | .3921194 | .5621627 | .3284615 | .1171790 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 924.9748 | 22981.67 | 2727.883 | 776.9838 | 1464.983 |
| #2 | 925.8794 | 22833.12 | 2758.154 | 776.1964 | 1468.417 |
| #3 | 928.8538 | 22820.25 | 2737.992 | 772.2333 | 1466.561 |

Sample Name: P4499-02      Acquired: 10/31/2024 23:43:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061091 | -.048324 | .1628219 | -.003823 | .0020919 | 132.9742 |
| Stddev | .0124091 | .004682  | .0026458 | .006142  | .0076570 | .4224    |
| %RSD   | 203.1241 | 9.689623 | 1.624990 | 160.6737 | 366.0246 | .3176900 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0185589 | -.052161 | .1597743 | -.008345 | -.003917 | 132.7324 |
| #2 | -.006259 | -.043106 | .1641603 | .003170  | -.000520 | 132.7283 |
| #3 | .006027  | -.049704 | .1645312 | -.006294 | .010713  | 133.4620 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.030173 | .0085179 | .0115436 | F 1081.507 | 1.066745 | .2265402 |
| Stddev | .007981  | .0004575 | .0000940 | 7.105      | .003330  | .0006526 |
| %RSD   | .3931174 | 5.371643 | .8142779 | .6569597   | .3121326 | .2880675 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.026101 | .0081098 | .0115711 | 1088.885 | 1.064622 | .2267429 |
| #2 | 2.025050 | .0084314 | .0116208 | 1074.711 | 1.065032 | .2258103 |
| #3 | 2.039369 | .0090125 | .0114390 | 1080.923 | 1.070583 | .2270674 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4839816 | 310.7406 | 5.030374 | 189.8608 | 1.582951 | -.005710 |
| Stddev | .0018302 | 1.0261   | .033002  | .9571    | .003111  | .000632  |
| %RSD   | .3781493 | .3302151 | .6560641 | .5041026 | .1965311 | 11.06683 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4828141 | 310.2915 | 5.026443 | 189.7480 | 1.582556 | -.005574 |
| #2 | .4830397 | 310.0157 | 4.999513 | 188.9651 | 1.580057 | -.005157 |
| #3 | .4860909 | 311.9147 | 5.065166 | 190.8693 | 1.586241 | -.006399 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 8.100813 | .9723152 | 1.499734 | 19.52896 | F 15.69164 | .3221675 |
| Stddev | .056165  | .0192790 | .002540  | .01848   | .03860     | .0015863 |
| %RSD   | .6933296 | 1.982797 | .1693597 | .0946535 | .2460102   | .4923950 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.164705 | .9715086 | 1.497762 | 19.53174 | 15.67098 | .3226529 |
| #2 | 8.078504 | .9534521 | 1.498840 | 19.50923 | 15.66777 | .3203951 |
| #3 | 8.059229 | .9919848 | 1.502600 | 19.54589 | 15.73618 | .3234544 |

Sample Name: P4499-02      Acquired: 10/31/2024 23:43:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039891 | 99.30735 | 5.226235 | .0656357 | 4.264932 | .1146786 |
| Stddev | .0006895 | .27824   | .038742  | .0006946 | .017394  | .0015174 |
| %RSD   | 17.28515 | .2801824 | .7412935 | 1.058263 | .4078284 | 1.323149 |
| #1     | .0047152 | 99.23882 | 5.245138 | .0648518 | 4.264135 | .1130757 |
| #2     | .0033432 | 99.06978 | 5.181670 | .0658809 | 4.247951 | .1148673 |
| #3     | .0039089 | 99.61346 | 5.251897 | .0661744 | 4.282711 | .1160927 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.205008 |
| Stddev | .005559  |
| %RSD   | .2521272 |
| #1     | 2.200694 |
| #2     | 2.203049 |
| #3     | 2.211282 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 930.4824 | 22897.04 | 2768.140 | 781.3185 | 1447.174 |
| Stddev    | 2.7996   | 13.06    | 14.206   | 1.1532   | 2.432    |
| %RSD      | .3008814 | .0570535 | .5132070 | .1476030 | .1680730 |
| #1        | 928.3930 | 22911.57 | 2760.144 | 780.5711 | 1446.231 |
| #2        | 933.6634 | 22886.26 | 2784.542 | 780.7377 | 1449.936 |
| #3        | 929.3907 | 22893.29 | 2759.734 | 782.6467 | 1445.354 |

Sample Name: P4499-03      Acquired: 10/31/2024 23:48:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0438721 | -.057123 | .1889339 | -.009244 | .0042305 | 158.7265 |
| Stddev | .0167016 | .010683  | .0102811 | .007135  | .0013684 | .2405    |
| %RSD   | 38.06889 | 18.70211 | 5.441648 | 77.19159 | 32.34580 | .1515489 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0297202 | -.045072 | .1851571 | -.017292 | .0057632 | 158.7371 |
| #2 | .0396018 | -.065432 | .1810755 | -.003690 | .0031317 | 158.4809 |
| #3 | .0622943 | -.060864 | .2005693 | -.006749 | .0037965 | 158.9616 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9829760 | .0087300 | .0150653 | F 1513.277 | 1.618807 | .2669124 |
| Stddev | .0025091 | .0001890 | .0011039 | 7.553      | .004763  | .0106658 |
| %RSD   | .2552515 | 2.164793 | 7.327128 | .4990893   | .2942030 | 3.995989 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9801150 | .0085188 | .0142156 | 1521.817 | 1.613581 | .2605790 |
| #2 | .9840112 | .0088831 | .0146672 | 1510.539 | 1.619939 | .2609317 |
| #3 | .9848019 | .0087881 | .0163129 | 1507.476 | 1.622902 | .2792265 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4143437 | 330.6113 | 5.174853 | 210.6754 | 2.286602 | -.000614 |
| Stddev | .0019029 | .8087    | .009488  | .1920    | .085748  | .000575  |
| %RSD   | .4592447 | .2446053 | .1833446 | .0911424 | 3.749999 | 93.65706 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4158868 | 331.5152 | 5.165211 | 210.8205 | 2.236256 | -.001222 |
| #2 | .4122175 | 329.9563 | 5.184179 | 210.4577 | 2.237941 | -.000543 |
| #3 | .4149269 | 330.3626 | 5.175168 | 210.7481 | 2.385610 | -.000078 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 7.254247 | .9330954 | .9779445 | 20.48263 | F 12.27514 | .3807777 |
| Stddev | .219600  | .0145434 | .0055674 | .02564   | .43848     | .0017881 |
| %RSD   | 3.027191 | 1.558618 | .5692961 | .1252003 | 3.572115   | .4695829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.169601 | .9488633 | .9721555 | 20.45310 | 12.03239 | .3824997 |
| #2 | 7.503573 | .9202074 | .9784180 | 20.49922 | 12.01171 | .3789302 |
| #3 | 7.089567 | .9302155 | .9832600 | 20.49559 | 12.78131 | .3809032 |



Sample Name: P4499-03      Acquired: 10/31/2024 23:48:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCJ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067689 | 67.63307 | 7.272830 | .0274306 | 3.286524 | .1757602 |
| Stddev | .0008850 | 2.31866  | .012265  | .0021876 | .007082  | .0030277 |
| %RSD   | 13.07395 | 3.428286 | .1686447 | 7.975156 | .2154972 | 1.722610 |
| #1     | .0074891 | 66.34127 | 7.271517 | .0261131 | 3.293524 | .1792138 |
| #2     | .0057810 | 66.24806 | 7.285699 | .0262229 | 3.279362 | .1745036 |
| #3     | .0070367 | 70.30988 | 7.261275 | .0299559 | 3.286687 | .1735631 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.527823 |
| Stddev | .005102  |
| %RSD   | .2018142 |
| #1     | 2.523272 |
| #2     | 2.526860 |
| #3     | 2.533338 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 895.7703 | 22297.68 | 2748.922 | 758.8414 | 1367.354 |
| Stddev    | 18.2611  | 47.53    | 5.833    | 2.9842   | 41.730   |
| %RSD      | 2.038597 | .2131493 | .2121741 | .3932604 | 3.051863 |
| #1        | 906.0244 | 22269.01 | 2743.327 | 762.0839 | 1392.286 |
| #2        | 906.5996 | 22352.54 | 2754.966 | 758.2302 | 1390.597 |
| #3        | 874.6867 | 22271.49 | 2748.474 | 756.2101 | 1319.178 |

Sample Name: P4499-04      Acquired: 10/31/2024 23:52:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001046 | -.049028 | .3379681 | -.000226 | .0027272 | 119.1818 |
| Stddev | .007607  | .004240  | .0080398 | .007661  | .0003880 | 8.1643   |
| %RSD   | 727.0311 | 8.648510 | 2.378874 | 3385.336 | 14.22509 | 6.850269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .003358  | -.053777 | .3455720 | .008228  | .0027440 | 124.0008 |
| #2 | -.009830 | -.047682 | .3387784 | -.006708 | .0031065 | 123.7893 |
| #3 | .003334  | -.045624 | .3295537 | -.002200 | .0023312 | 109.7553 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8014364 | .0073082 | .0154905 | F 1686.894 | 2.236900 | .2728939 |
| Stddev | .0540768 | .0004600 | .0007223 | 92.062     | .014545  | .0011464 |
| %RSD   | 6.747485 | 6.294758 | 4.662654 | 5.457463   | .6502300 | .4200943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8340114 | .0078081 | .0149258 | 1744.490 | 2.253480 | .2740628 |
| #2 | .8312840 | .0072139 | .0152414 | 1735.475 | 2.230932 | .2728475 |
| #3 | .7390137 | .0069026 | .0163044 | 1580.718 | 2.226288 | .2717714 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3512052 | 305.8070 | 4.801542 | 276.7336 | 3.187668 | .0084809 |
| Stddev | .0245913 | 20.7348  | .304581  | 18.3680  | .002098  | .0019907 |
| %RSD   | 7.001982 | 6.780345 | 6.343404 | 6.637419 | .0658124 | 23.47209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3656842 | 317.4304 | 4.975941 | 287.9338 | 3.185318 | .0077960 |
| #2 | .3651199 | 318.1226 | 4.978839 | 286.7316 | 3.189353 | .0069232 |
| #3 | .3228114 | 281.8679 | 4.449846 | 255.5355 | 3.188332 | .0107236 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 7.587811 | .7708930 | 1.905726 | 16.97228 | F 11.67253 | .3654054 |
| Stddev | .498719  | .0458760 | .021425  | 1.23719  | .05531     | .0280728 |
| %RSD   | 6.572639 | 5.951024 | 1.124268 | 7.289495 | .4738747   | 7.682645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.640601 | .8143650 | 1.926946 | 17.67920 | 11.60866 | .3830080 |
| #2 | 8.058035 | .7753724 | 1.884101 | 17.69393 | 11.70393 | .3801771 |
| #3 | 7.064796 | .7229416 | 1.906130 | 15.54372 | 11.70500 | .3330309 |

Sample Name: P4499-04      Acquired: 10/31/2024 23:52:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK0      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069210 | F 108.6361 | 7.500359 | .0463789 | 4.277369 | .1349333 |
| Stddev | .0006270 | .0339      | .440470  | .0024831 | .287484  | .0096703 |
| %RSD   | 9.060092 | .0312353   | 5.872647 | 5.353989 | 6.721041 | 7.166706 |
| #1     | .0072282 | 108.6683   | 7.773152 | .0435171 | 4.448383 | .1409655 |
| #2     | .0073353 | 108.6394   | 7.735717 | .0476570 | 4.438262 | .1400550 |
| #3     | .0061996 | 108.6006   | 6.992208 | .0479626 | 3.945463 | .1237794 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.185445 |
| Stddev | .211086  |
| %RSD   | 6.626569 |
| #1     | 3.312422 |
| #2     | 3.302136 |
| #3     | 2.941776 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 873.4300 | 21651.50 | 2764.355 | 729.1011 | 1362.376 |
| Stddev    | .7467    | 121.36   | 164.282  | 5.8274   | .872     |
| %RSD      | .0854885 | .5604957 | 5.942881 | .7992552 | .0640175 |
| #1        | 874.1998 | 21518.07 | 2668.290 | 722.9790 | 1362.606 |
| #2        | 873.3814 | 21681.12 | 2670.728 | 734.5805 | 1363.110 |
| #3        | 872.7088 | 21755.30 | 2954.046 | 729.7439 | 1361.412 |

Sample Name: P4499-05      Acquired: 10/31/2024 23:56:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.012588 | -.053471 | .2142854 | -.012500 | .0026525 | 148.0980 |
| Stddev | .009696  | .004937  | .0093405 | .009021  | .0032084 | .1468    |
| %RSD   | 77.02424 | 9.233806 | 4.358909 | 72.16960 | 120.9583 | .0991554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.014815 | -.056535 | .2157824 | -.004525 | .0013870 | 148.1538 |
| #2 | -.020977 | -.056103 | .2227870 | -.010684 | .0063006 | 148.2088 |
| #3 | -.001973 | -.047776 | .2042868 | -.022290 | .0002698 | 147.9315 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.595004 | .0088120 | .0122380 | F 969.7256 | 1.795123 | .3011882 |
| Stddev | .001945  | .0001660 | .0000229 | 3.7543     | .003881  | .0023246 |
| %RSD   | .1219247 | 1.883461 | .1872287 | .3871493   | .2161815 | .7717955 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.596944 | .0088133 | .0122302 | 970.3675 | 1.790882 | .3035906 |
| #2 | 1.595014 | .0086453 | .0122638 | 973.1176 | 1.795993 | .3010238 |
| #3 | 1.593055 | .0089773 | .0122201 | 965.6918 | 1.798496 | .2989502 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3995910 | 353.9445 | 6.278222 | 261.5653 | 3.038116 | -.010170 |
| Stddev | .0028208 | .9205    | .041128  | 1.6350   | .028619  | .000182  |
| %RSD   | .7059200 | .2600803 | .6550828 | .6250766 | .9420105 | 1.789138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3967885 | 353.7259 | 6.293737 | 261.8607 | 3.070719 | -.010254 |
| #2 | .3995547 | 354.9546 | 6.309335 | 263.0325 | 3.026490 | -.009961 |
| #3 | .4024297 | 353.1529 | 6.231594 | 259.8028 | 3.017139 | -.010295 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.93575 | .8553567 | .7447180 | 12.91198 | 7.347359 | .3749283 |
| Stddev | .19998   | .0080249 | .0047874 | .11523   | .067896  | .0017962 |
| %RSD   | 1.545986 | .9381962 | .6428496 | .8924279 | .9240860 | .4790813 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.70590 | .8643522 | .7391944 | 12.78665 | 7.425569 | .3756126 |
| #2 | 13.03143 | .8489328 | .7472901 | 13.01334 | 7.303533 | .3728906 |
| #3 | 13.06992 | .8527851 | .7476697 | 12.93595 | 7.312976 | .3762819 |

Sample Name: P4499-05      Acquired: 10/31/2024 23:56:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017409 | 63.69353 | 5.469679 | .0174433 | 5.641598 | .1435748 |
| Stddev | .0002981 | .66810   | .066768  | .0028485 | .022499  | .0010203 |
| %RSD   | 17.12376 | 1.048926 | 1.220689 | 16.32996 | .3988026 | .7106528 |
| #1     | .0018587 | 64.46087 | 5.509354 | .0155205 | 5.654614 | .1425838 |
| #2     | .0019622 | 63.37876 | 5.507090 | .0207157 | 5.654562 | .1446221 |
| #3     | .0014019 | 63.24096 | 5.392594 | .0160936 | 5.615619 | .1435186 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.195281 |
| Stddev | .003743  |
| %RSD   | .1704931 |
| #1     | 2.195486 |
| #2     | 2.198917 |
| #3     | 2.191440 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.3634 | 22877.43 | 2775.384 | 777.9027 | 1441.674 |
| Stddev    | 4.3903   | 41.28    | 28.104   | 6.4321   | 13.882   |
| %RSD      | .4744400 | .1804531 | 1.012631 | .8268471 | .9628865 |
| #1        | 920.5254 | 22901.96 | 2760.014 | 785.0790 | 1425.862 |
| #2        | 926.4712 | 22829.77 | 2758.317 | 772.6570 | 1447.303 |
| #3        | 929.0937 | 22900.56 | 2807.822 | 775.9721 | 1451.858 |

Sample Name: P4499-06      Acquired: 11/01/2024 0:01:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.022563 | -.045519 | .0728878 | -.004842 | .0024066 | 111.7402 |
| Stddev | .004751  | .003623  | .0016925 | .008295  | .0015351 | .0416    |
| %RSD   | 21.05627 | 7.958396 | 2.322124 | 171.3314 | 63.78880 | .0372557 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.017775 | -.048758 | .0747986 | -.010082 | .0041608 | 111.7014 |
| #2 | -.027276 | -.046192 | .0715771 | -.009165 | .0013090 | 111.7842 |
| #3 | -.022639 | -.041607 | .0722877 | .004722  | .0017499 | 111.7349 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5394530 | .0078328 | .0091094 | F 906.9156 | 2.233784 | .2525370 |
| Stddev | .0014096 | .0001152 | .0002358 | .5822      | .007719  | .0010823 |
| %RSD   | .2613072 | 1.470486 | 2.589113 | .0641963   | .3455383 | .4285850 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5395301 | .0079328 | .0089536 | 906.5506 | 2.230503 | .2537696 |
| #2 | .5408224 | .0077068 | .0093808 | 906.6091 | 2.228247 | .2517419 |
| #3 | .5380063 | .0078587 | .0089939 | 907.5870 | 2.242601 | .2520995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3137906 | 295.3261 | 5.359732 | 216.6013 | 2.794969 | -.007819 |
| Stddev | .0017193 | .4997    | .004181  | .1177    | .005354  | .000171  |
| %RSD   | .5479267 | .1691981 | .0780121 | .0543309 | .1915432 | 2.192381 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3153375 | 294.9806 | 5.362869 | 216.4701 | 2.797402 | -.007909 |
| #2 | .3140950 | 295.0988 | 5.361342 | 216.6361 | 2.788830 | -.007621 |
| #3 | .3119394 | 295.8991 | 5.354985 | 216.6976 | 2.798673 | -.007927 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.490460 | .8286371 | .4297293 | 8.710363 | 6.249668 | .3055073 |
| Stddev | .136078  | .0074506 | .0007995 | .074187  | .013070  | .0020145 |
| %RSD   | 2.478447 | .8991413 | .1860537 | .8517044 | .2091263 | .6593816 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.635196 | .8355779 | .4304225 | 8.716484 | 6.256989 | .3036482 |
| #2 | 5.365121 | .8207643 | .4288546 | 8.633306 | 6.234579 | .3076476 |
| #3 | 5.471063 | .8295691 | .4299107 | 8.781300 | 6.257437 | .3052262 |

Sample Name: P4499-06      Acquired: 11/01/2024 0:01:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011277 | 21.21746 | 7.911947 | .0054625 | 4.383321 | .1492853 |
| Stddev | .0005296 | .01893   | .015045  | .0026971 | .005705  | .0007137 |
| %RSD   | 46.96042 | .0892243 | .1901515 | 49.37436 | .1301479 | .4780609 |
| #1     | .0011845 | 21.23543 | 7.925103 | .0024550 | 4.389605 | .1499447 |
| #2     | .0016266 | 21.19770 | 7.895544 | .0062662 | 4.378468 | .1493835 |
| #3     | .0005720 | 21.21925 | 7.915195 | .0076664 | 4.381889 | .1485276 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.122465 |
| Stddev | .001580  |
| %RSD   | .1407931 |
| #1     | 1.120659 |
| #2     | 1.123138 |
| #3     | 1.123597 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 928.5714 | 22903.21 | 2772.134 | 773.7799 | 1464.543 |
| Stddev    | 2.4987   | 40.01    | 6.337    | 3.1827   | 4.340    |
| %RSD      | .2690863 | .1747117 | .2286012 | .4113209 | .2963146 |
| #1        | 927.3554 | 22937.44 | 2767.918 | 770.7668 | 1461.554 |
| #2        | 931.4453 | 22859.22 | 2779.421 | 773.4640 | 1469.521 |
| #3        | 926.9135 | 22912.98 | 2769.062 | 777.1087 | 1462.554 |

Sample Name: CCV013      Acquired: 11/01/2024 0:05:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV013      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.974728 | 4.846714 | 24.42917 | 4.873057 | 4.950582 | 413.5576 | 10.35209 |
| Stddev | .014431  | .002628  | .03927   | .015253  | .013780  | 1.4907   | .03019   |
| %RSD   | .2900878 | .0542282 | .1607588 | .3130029 | .2783463 | .3604639 | .2916047 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.981972 | 4.844935 | 24.47373 | 4.885851 | 4.946532 | 412.2029 | 10.33821 |
| #2 | 4.958109 | 4.849733 | 24.39960 | 4.877143 | 4.965933 | 415.1546 | 10.38672 |
| #3 | 4.984101 | 4.845474 | 24.41419 | 4.856177 | 4.939282 | 413.3153 | 10.33135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5147715 | 2.460804 | 415.8493 | 15.56460 | 2.500219 | 15.16508 | 413.2630 |
| Stddev | .0030277 | .004867  | 2.3821   | .01508   | .003496  | .07529   | 2.0145   |
| %RSD   | .5881677 | .1977731 | .5728280 | .0969062 | .1398432 | .4964913 | .4874732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5134781 | 2.465976 | 413.7206 | 15.54739 | 2.503852 | 15.11150 | 411.4050 |
| #2 | .5182311 | 2.456315 | 418.4222 | 15.57090 | 2.496877 | 15.25116 | 415.4041 |
| #3 | .5126053 | 2.460122 | 415.4050 | 15.57551 | 2.499928 | 15.13256 | 412.9800 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.42069 | 408.7801 | 2.480217 | 1.316634 | 421.3579 | 2.528873 | 14.67082 |
| Stddev | .05219   | 1.8899   | .002574  | .001160  | 2.3168   | .024004  | .08301   |
| %RSD   | .3618789 | .4623243 | .1037668 | .0881024 | .5498472 | .9491792 | .5658203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.38238 | 407.0433 | 2.482562 | 1.316709 | 419.1010 | 2.508366 | 14.60519 |
| #2 | 14.48012 | 410.7927 | 2.477464 | 1.317755 | 423.7304 | 2.522980 | 14.76414 |
| #3 | 14.39955 | 408.5044 | 2.480625 | 1.315439 | 421.2424 | 2.555275 | 14.64313 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.5380 | 5.040003 | 5.360656 | 4.885843 | 5.076471 | 5.135618 | 4.921697 |
| Stddev | .6436    | .022941  | .016162  | .008401  | .006058  | .022610  | .014795  |
| %RSD   | .4111383 | .4551817 | .3014994 | .1719444 | .1193345 | .4402536 | .3005981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.9434 | 5.049650 | 5.345358 | 4.894005 | 5.083328 | 5.123790 | 4.938658 |
| #2 | 157.2214 | 5.056545 | 5.377562 | 4.886302 | 5.074237 | 5.161688 | 4.911446 |
| #3 | 156.4493 | 5.013813 | 5.359047 | 4.877222 | 5.071847 | 5.121376 | 4.914989 |



Sample Name: CCV013      Acquired: 11/01/2024 0:05:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV013      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.080043 | 5.476251 | 5.125074 |
| Stddev | .025314  | .033489  | .015842  |
| %RSD   | .4982957 | .6115347 | .3091160 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.065186 | 5.443995 | 5.114144 |
| #2 | 5.109271 | 5.510851 | 5.143243 |
| #3 | 5.065672 | 5.473907 | 5.117835 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.2697 | 20263.35 | 2448.304 | 627.9911 | 1425.243 |
| Stddev    | 1.1970   | 56.30    | 10.600   | 3.2124   | 1.458    |
| %RSD      | .1543940 | .2778631 | .4329557 | .5115310 | .1023101 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 774.1353 | 20318.62 | 2458.400 | 631.3323 | 1423.709 |
| #2 | 775.1533 | 20265.36 | 2437.263 | 624.9253 | 1426.612 |
| #3 | 776.5207 | 20206.07 | 2449.250 | 627.7158 | 1425.406 |

Sample Name: CCB013      Acquired: 11/01/2024 0:09:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB013      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004261 | -.001100 | .0006018 | .0008065 | -.002060 | .0471165 | .0000246 |
| Stddev | .0008154 | .002803  | .0005502 | .0005532 | .001266  | .0064656 | .0007399 |
| %RSD   | 191.3402 | 254.7377 | 91.42215 | 68.59497 | 61.46100 | 13.72263 | 3012.319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011497 | -.004112 | .0010657 | .0014416 | -.003203 | .0397606 | -.000750 |
| #2 | .0005860 | -.000621 | .0007459 | .0005482 | -.000699 | .0519002 | .000099  |
| #3 | -.000457 | .001432  | -.000006 | .0004297 | -.002277 | .0496886 | .000725  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000967 | .0001553 | .0381786 | .0013085 | .0003564 | -.000286 | .0492677 |
| Stddev | .0000685 | .0000764 | .0239440 | .0008767 | .0004351 | .001721  | .0414303 |
| %RSD   | 70.90619 | 49.18326 | 62.71567 | 67.00126 | 122.0876 | 601.0648 | 84.09230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000290 | .0001494 | .0488192 | .0016200 | -.000129 | -.001354 | .0159935 |
| #2 | .0000950 | .0000821 | .0549581 | .0003186 | .000488  | .001699  | .0956720 |
| #3 | .0001660 | .0002346 | .0107586 | .0019870 | .000711  | -.001205 | .0361375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009553 | -.084464 | .0004182 | .0001445 | .4407936 | -.012762 | .0009372 |
| Stddev | .0007880 | .046457  | .0002029 | .0005759 | .0719004 | .008791  | .0003203 |
| %RSD   | 82.48588 | 55.00266 | 48.51538 | 398.4818 | 16.31158 | 68.88152 | 34.17666 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018092 | -.047088 | .0003015 | .0004600 | .4780700 | -.008294 | .0007633 |
| #2 | .0002563 | -.069827 | .0003006 | -.000520 | .4864011 | -.007103 | .0007415 |
| #3 | .0008002 | -.136477 | .0006525 | .000494  | .3579096 | -.022890 | .0013069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.584696 | .0023155 | .0067739 | .0005608 | -.017106 | .0001654 | .0009079 |
| Stddev | .071835  | .0024357 | .0009639 | .0003609 | .005375  | .0003402 | .0014435 |
| %RSD   | 12.28594 | 105.1902 | 14.22932 | 64.35991 | 31.42114 | 205.7178 | 158.9940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.518042 | .0045566 | .0073793 | .0001958 | -.010999 | -.000130 | .0000308 |
| #2 | -.575265 | .0026668 | .0056624 | .0005691 | -.021116 | .000537  | .0025739 |
| #3 | -.660781 | -.000277 | .0072800 | .0009175 | -.019204 | .000089  | .0001189 |

Sample Name: CCB013      Acquired: 11/01/2024 0:09:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB013      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0014574 | .0109570 | .0001997 |
| Stddev | .0013741 | .0014099 | .0000219 |
| %RSD   | 94.28737 | 12.86796 | 10.97336 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0000553 | .0110492 | .0001745 |
| #2 | .0015151 | .0123185 | .0002101 |
| #3 | .0028017 | .0095032 | .0002145 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 949.4574 | 22168.35 | 2533.225 | 792.1148 | 1857.694 |
| Stddev    | 1.9981   | 49.44    | 12.978   | 1.1392   | 3.167    |
| %RSD      | .2104428 | .2230228 | .5122961 | .1438121 | .1704802 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 947.2032 | 22177.27 | 2546.879 | 791.9492 | 1857.795 |
| #2 | 950.1585 | 22212.73 | 2521.050 | 793.3277 | 1854.478 |
| #3 | 951.0103 | 22115.06 | 2531.746 | 791.0675 | 1860.809 |

Sample Name: P4499-07      Acquired: 11/01/2024 0:14:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018790 | -.039897 | .1827485 | -.009203 | .0026710 | 95.28185 |
| Stddev | .0037388 | .002557  | .0070678 | .012989  | .0046525 | .16092   |
| %RSD   | 198.9750 | 6.408455 | 3.867497 | 141.1447 | 174.1863 | .1688895 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0061909 | -.036956 | .1746113 | -.019965 | .0080416 | 95.10551 |
| #2 | -.000091 | -.041146 | .1873585 | .005225  | .0001008 | 95.31928 |
| #3 | -.000463 | -.041590 | .1862756 | -.012868 | -.000129 | 95.42075 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5474999 | .0049668 | .0097144 | F 1807.178 | 2.378509 | .3068106 |
| Stddev | .0005775 | .0001858 | .0003401 | 6.889      | .005649  | .0001098 |
| %RSD   | .1054809 | 3.741476 | 3.501153 | .3812253   | .2375038 | .0357963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5480202 | .0051158 | .0099261 | 1806.635 | 2.382268 | .3069294 |
| #2 | .5476008 | .0047586 | .0093220 | 1800.577 | 2.372013 | .3067128 |
| #3 | .5468785 | .0050259 | .0098949 | 1814.324 | 2.381247 | .3067897 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3452261 | 235.9543 | 5.120329 | 423.0029 | 4.219950 | .0199181 |
| Stddev | .0046645 | .2268    | .012233  | .9237    | .012068  | .0001865 |
| %RSD   | 1.351135 | .0961301 | .2389123 | .2183622 | .2859775 | .9361822 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3437162 | 235.6952 | 5.129034 | 421.9365 | 4.215093 | .0198570 |
| #2 | .3415036 | 236.1171 | 5.125610 | 423.5164 | 4.211067 | .0201274 |
| #3 | .3504585 | 236.0505 | 5.106343 | 423.5556 | 4.233690 | .0197698 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.889896 | .6543000 | .7354013 | 10.38052 | 8.285784 | .2767014 |
| Stddev | .187160  | .0086303 | .0088760 | .04775   | .031845  | .0027800 |
| %RSD   | 3.177652 | 1.319004 | 1.206953 | .4599769 | .3843321 | 1.004700 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.680274 | .6621897 | .7254268 | 10.43174 | 8.266351 | .2778865 |
| #2 | 5.949179 | .6450830 | .7383481 | 10.37259 | 8.268465 | .2735253 |
| #3 | 6.040236 | .6556272 | .7424291 | 10.33724 | 8.322535 | .2786925 |

Sample Name: P4499-07      Acquired: 11/01/2024 0:14:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027289 | 6.469398 | 7.801019 | .0097899 | 4.084233 | .0767152 |
| Stddev | .0001959 | .004661  | .022477  | .0041319 | .011939  | .0010065 |
| %RSD   | 7.180455 | .0720477 | .2881263 | 42.20607 | .2923179 | 1.312065 |
| #1     | .0025169 | 6.473960 | 7.816317 | .0139794 | 4.071089 | .0763692 |
| #2     | .0029034 | 6.469588 | 7.811526 | .0096721 | 4.094405 | .0759272 |
| #3     | .0027663 | 6.464644 | 7.775213 | .0057181 | 4.087205 | .0778491 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.734606 |
| Stddev | .003904  |
| %RSD   | .2250412 |
| #1     | 1.734439 |
| #2     | 1.738590 |
| #3     | 1.730788 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 834.5971 | 20800.83 | 2572.538 | 699.1089 | 1348.959 |
| Stddev    | 2.0136   | 4.07     | 8.813    | 7.0693   | 3.639    |
| %RSD      | .2412652 | .0195601 | .3425827 | 1.011185 | .2697684 |
| #1        | 833.1078 | 20799.36 | 2569.279 | 707.2592 | 1347.276 |
| #2        | 836.8880 | 20805.44 | 2565.818 | 695.4264 | 1353.135 |
| #3        | 833.7953 | 20797.71 | 2582.516 | 694.6411 | 1346.467 |

Sample Name: P4499-08      Acquired: 11/01/2024 0:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.139981 | -.051382 | .1293337 | -.013172 | -.007350 | 85.13594 |
| Stddev | .003129  | .007419  | .0036971 | .004415  | .005781  | .13353   |
| %RSD   | 2.235402 | 14.43886 | 2.858607 | 33.51773 | 78.65386 | .1568394 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.137344 | -.044168 | .1271308 | -.016425 | -.011719 | 85.23613 |
| #2 | -.143439 | -.050987 | .1336021 | -.014945 | -.009535 | 84.98435 |
| #3 | -.139161 | -.058990 | .1272683 | -.008146 | -.000795 | 85.18733 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3258286 | .0065483 | .0129653 | 529.6501 | 11.84792 | .8670670 |
| Stddev | .0006219 | .0005044 | .0002208 | .9287    | .01762   | .0006974 |
| %RSD   | .1908573 | 7.702294 | 1.703095 | .1753485 | .1487003 | .0804278 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3252580 | .0070113 | .0127795 | 530.3376 | 11.86430 | .8678658 |
| #2 | .3264915 | .0066229 | .0129070 | 528.5936 | 11.82929 | .8667552 |
| #3 | .3257364 | .0060108 | .0132094 | 530.0193 | 11.85018 | .8665798 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .2861421 | 461.0774 | 7.807211 | F 1700.834 | F 15.24606 | -.009304 |
| Stddev | .0070787 | 1.4452   | .040522  | 1.522      | .03165     | .000489  |
| %RSD   | 2.473854 | .3134364 | .5190370 | .0895131   | .2076115   | 5.255385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2869382 | 462.6938 | 7.836895 | 1701.371 | 15.28004 | -.008742 |
| #2 | .2786989 | 459.9101 | 7.823694 | 1699.115 | 15.21741 | -.009635 |
| #3 | .2927891 | 460.6283 | 7.761045 | 1702.015 | 15.24072 | -.009534 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.035942 | .6308770 | .6733706 | 4.312308 | 3.645729 | .6262436 |
| Stddev | .258991  | .0172068 | .0018985 | .031350  | .007148  | .0023456 |
| %RSD   | 4.290819 | 2.727440 | .2819332 | .7269795 | .1960539 | .3745512 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.317430 | .6329059 | .6720413 | 4.336848 | 3.638244 | .6287085 |
| #2 | 5.807734 | .6127457 | .6725257 | 4.323084 | 3.652483 | .6240390 |
| #3 | 5.982661 | .6469794 | .6755448 | 4.276991 | 3.646462 | .6259834 |

Sample Name: P4499-08      Acquired: 11/01/2024 0:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012904 | 6.257186 | 4.795575 | .0095842 | 2.525478 | .0495946 |
| Stddev | .0003260 | .018830  | .011915  | .0018646 | .004730  | .0013659 |
| %RSD   | 25.26255 | .3009314 | .2484514 | 19.45516 | .1873031 | 2.754074 |
| #1     | .0016265 | 6.277444 | 4.792309 | .0084363 | 2.530940 | .0481832 |
| #2     | .0012693 | 6.240217 | 4.808782 | .0117357 | 2.522693 | .0496906 |
| #3     | .0009755 | 6.253897 | 4.785634 | .0085807 | 2.522801 | .0509099 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.130582 |
| Stddev | .003767  |
| %RSD   | .3332053 |
| #1     | 1.134910 |
| #2     | 1.128038 |
| #3     | 1.128799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 783.8401 | 20516.46 | 2486.898 | 640.7650 | 1406.799 |
| Stddev    | 2.8929   | 52.96    | 3.467    | 1.9905   | 3.755    |
| %RSD      | .3690700 | .2581168 | .1394272 | .3106371 | .2669346 |
| #1        | 780.6245 | 20455.32 | 2483.239 | 639.4346 | 1402.583 |
| #2        | 784.6642 | 20546.98 | 2487.319 | 643.0533 | 1409.785 |
| #3        | 786.2315 | 20547.10 | 2490.136 | 639.8072 | 1408.028 |

Sample Name: P4499-09      Acquired: 11/01/2024 0:23:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.178847 | -.058036 | .1007018 | -.021073 | -.002175 | 64.84539 |
| Stddev | .002035  | .009368  | .0019021 | .002917  | .004140  | .11728   |
| %RSD   | 1.137926 | 16.14172 | 1.888884 | 13.84456 | 190.3507 | .1808537 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.177013 | -.067212 | .1027312 | -.022425 | -.006752 | 64.98062 |
| #2 | -.178491 | -.058408 | .1004145 | -.023069 | .001310  | 64.77150 |
| #3 | -.181037 | -.048488 | .0989596 | -.017725 | -.001083 | 64.78407 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1699209 | .0061970 | .0132284 | 413.0129 | 12.33841 | .9868406 |
| Stddev | .0011948 | .0007509 | .0002904 | 2.4884   | .02360   | .0015283 |
| %RSD   | .7031557 | 12.11781 | 2.195487 | .6024993 | .1912745 | .1548697 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1712897 | .0064778 | .0129453 | 415.8716 | 12.32108 | .9855259 |
| #2 | .1693867 | .0067671 | .0132144 | 411.8342 | 12.32886 | .9864784 |
| #3 | .1690865 | .0053461 | .0135256 | 411.3328 | 12.36529 | .9885175 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .1479998 | 489.1626 | 7.875158 | F 2228.925 | F 18.27807 | -.010583 |
| Stddev | .0031327 | 2.6495   | .009068  | 10.540     | .01358     | .000676  |
| %RSD   | 2.116671 | .5416490 | .1151472 | .4728627   | .0742813   | 6.382728 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1444126 | 492.1948 | 7.881347 | 2239.918 | 18.27960 | -.011110 |
| #2 | .1493905 | 487.9991 | 7.879378 | 2227.953 | 18.26379 | -.010819 |
| #3 | .1501964 | 487.2938 | 7.864749 | 2218.905 | 18.29081 | -.009822 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.008478 | .4694369 | .4589551 | 1.609410 | 2.064865 | .7394751 |
| Stddev | .421225  | .0167688 | .0059718 | .057623  | .003232  | .0045902 |
| %RSD   | 8.410230 | 3.572108 | 1.301173 | 3.580387 | .1565160 | .6207393 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.554375 | .4842400 | .4657473 | 1.590078 | 2.066032 | .7447586 |
| #2 | 5.386437 | .4512259 | .4565893 | 1.674213 | 2.061212 | .7364677 |
| #3 | 5.084622 | .4728448 | .4545286 | 1.563938 | 2.067352 | .7371991 |



Sample Name: P4499-09      Acquired: 11/01/2024 0:23:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001554 | 7.449449 | 6.013241 | .0105254 | 1.511916 | .0316880 |
| Stddev | .000721  | .025585  | .038092  | .0056036 | .004061  | .0014305 |
| %RSD   | 46.43054 | .3434462 | .6334755 | 53.23900 | .2686282 | 4.514305 |
| #1     | -.001548 | 7.478979 | 6.025278 | .0168547 | 1.515625 | .0332972 |
| #2     | -.002278 | 7.435447 | 6.043861 | .0061964 | 1.512548 | .0312060 |
| #3     | -.000835 | 7.433920 | 5.970585 | .0085252 | 1.507576 | .0305607 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7153112 |
| Stddev | .0004020 |
| %RSD   | .0561933 |
| #1     | .7153681 |
| #2     | .7156816 |
| #3     | .7148838 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 761.1748 | 20000.84 | 2425.620 | 624.0387 | 1392.437 |
| Stddev    | 2.2567   | 52.66    | 19.805   | 5.1506   | .166     |
| %RSD      | .2964798 | .2632994 | .8164987 | .8253698 | .0119029 |
| #1        | 758.6026 | 19954.36 | 2408.537 | 618.4932 | 1392.246 |
| #2        | 762.0992 | 20058.03 | 2420.996 | 628.6728 | 1392.540 |
| #3        | 762.8225 | 19990.13 | 2447.329 | 624.9501 | 1392.526 |

Sample Name: P4499-10      Acquired: 11/01/2024 0:27:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.170953 | -.054906 | .1148590 | -.013882 | .0041797 | 70.35892 |
| Stddev | .001789  | .006095  | .0039769 | .006555  | .0060337 | .36618   |
| %RSD   | 1.046580 | 11.10076 | 3.462419 | 47.21803 | 144.3594 | .5204430 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.170276 | -.059376 | .1178919 | -.007257 | .0074003 | 69.97738 |
| #2 | -.169602 | -.057379 | .1103564 | -.020365 | .0079197 | 70.39186 |
| #3 | -.172982 | -.047963 | .1163286 | -.014025 | -.002781 | 70.70751 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1816660 | .0064430 | .0134922 | 517.0225 | 12.69556 | 1.002726 |
| Stddev | .0008107 | .0002860 | .0002659 | 2.4027   | .01087   | .002820  |
| %RSD   | .4462394 | 4.439171 | 1.970629 | .4647105 | .0856000 | .2812140 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1812415 | .0062054 | .0132152 | 515.7494 | 12.70259 | 1.001141 |
| #2 | .1811557 | .0067605 | .0135161 | 515.5243 | 12.70106 | 1.001056 |
| #3 | .1826008 | .0063632 | .0137453 | 519.7938 | 12.68305 | 1.005982 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .1784414 | 488.9644 | 8.435080 | F 2230.073 | F 19.06865 | -.009082 |
| Stddev | .0020239 | 3.0093   | .054506  | 11.528     | .02952     | .000533  |
| %RSD   | 1.134217 | .6154405 | .6461788 | .5169444   | .1547931   | 5.873760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1805914 | 487.1765 | 8.395762 | 2222.165 | 19.06341 | -.009128 |
| #2 | .1765731 | 487.2779 | 8.412178 | 2224.753 | 19.04210 | -.008527 |
| #3 | .1781597 | 492.4387 | 8.497300 | 2243.300 | 19.10043 | -.009591 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.229286 | .5587597 | .5627891 | 2.055413 | 2.439910 | .7319373 |
| Stddev | .212871  | .0168083 | .0052170 | .124122  | .012197  | .0062942 |
| %RSD   | 4.070745 | 3.008144 | .9269836 | 6.038784 | .4999132 | .8599354 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.384200 | .5395051 | .5576783 | 1.952534 | 2.440468 | .7275665 |
| #2 | 4.986555 | .5704998 | .5681061 | 2.193271 | 2.427442 | .7290940 |
| #3 | 5.317101 | .5662742 | .5625828 | 2.020434 | 2.451818 | .7391515 |

Sample Name: P4499-10      Acquired: 11/01/2024 0:27:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL1      Custom ID2:      Custom ID3:  
Comment:

|        |           |          |          |          |          |          |
|--------|-----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020    | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -0.001235 | 8.251266 | 5.345391 | .0086131 | 1.629203 | .0349059 |
| Stddev | .001450   | .025727  | .039869  | .0011194 | .010833  | .0015811 |
| %RSD   | 117.4309  | .3117912 | .7458651 | 12.99635 | .6648969 | 4.529539 |

|    |           |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|
| #1 | -0.000150 | 8.246947 | 5.326599 | .0075942 | 1.622352 | .0332865 |
| #2 | -.002882  | 8.227972 | 5.318389 | .0084339 | 1.623564 | .0364456 |
| #3 | -.000673  | 8.278879 | 5.391183 | .0098113 | 1.641691 | .0349858 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7970774 |
| Stddev | .0043709 |
| %RSD   | .5483676 |

|    |          |
|----|----------|
| #1 | .7946430 |
| #2 | .7944658 |
| #3 | .8021235 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 762.1308 | 20191.40 | 2459.102 | 622.2700 | 1385.982 |
| Stddev    | .6715    | 67.11    | 14.540   | 4.4480   | 2.747    |
| %RSD      | .0881120 | .3323447 | .5912880 | .7147982 | .1982002 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 762.3319 | 20214.26 | 2470.033 | 624.9003 | 1384.501 |
| #2 | 762.6788 | 20115.85 | 2464.673 | 617.1344 | 1389.152 |
| #3 | 761.3817 | 20244.09 | 2442.600 | 624.7753 | 1384.293 |

Sample Name: P4499-11      Acquired: 11/01/2024 0:32:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.023150 | -.049709 | .1656198 | -.007384 | .0013964 | 91.78349 |
| Stddev | .005478  | .001655  | .0030207 | .005604  | .0054327 | .22823   |
| %RSD   | 23.66368 | 3.329488 | 1.823886 | 75.89898 | 389.0520 | .2486561 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.023642 | -.049311 | .1672163 | -.001426 | .0062753 | 91.53936 |
| #2 | -.017443 | -.048289 | .1675074 | -.008175 | .0023717 | 91.81962 |
| #3 | -.028367 | -.051527 | .1621359 | -.012550 | -.004458 | 91.99150 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4823686 | .0062648 | .0112647 | F 1720.059 | 4.176267 | .3568157 |
| Stddev | .0004284 | .0001802 | .0004793 | 14.363     | .005141  | .0005317 |
| %RSD   | .0888220 | 2.876556 | 4.254697 | .8350225   | .1230897 | .1489994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4819432 | .0061000 | .0111300 | 1703.476 | 4.172189 | .3562180 |
| #2 | .4828001 | .0062372 | .0108671 | 1728.545 | 4.182041 | .3569934 |
| #3 | .4823623 | .0064573 | .0117969 | 1728.156 | 4.174572 | .3572357 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2256021 | 291.3280 | 4.783736 | 649.7094 | F 5.640558 | .0124756 |
| Stddev | .0020920 | 1.0544   | .034395  | 3.0917   | .004419    | .0005890 |
| %RSD   | .9272845 | .3619160 | .7190016 | .4758652 | .0783416   | 4.721327 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2274320 | 290.4819 | 4.744119 | 646.4467 | 5.638134 | .0118004 |
| #2 | .2233215 | 290.9928 | 4.805967 | 650.0856 | 5.637882 | .0127425 |
| #3 | .2260527 | 292.5092 | 4.801124 | 652.5958 | 5.645658 | .0128839 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.820923 | .6827732 | .5114484 | 8.064367 | 4.708731 | .3633794 |
| Stddev | .136491  | .0033895 | .0036817 | .092713  | .002690  | .0016881 |
| %RSD   | 1.547357 | .4964233 | .7198505 | 1.149667 | .0571365 | .4645439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.963121 | .6826794 | .5156260 | 8.133000 | 4.711837 | .3647538 |
| #2 | 8.690963 | .6862085 | .5100414 | 8.101205 | 4.707129 | .3614952 |
| #3 | 8.808683 | .6794316 | .5086777 | 7.958897 | 4.707227 | .3638892 |

Sample Name: P4499-11      Acquired: 11/01/2024 0:32:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049005 | 9.205072 | 7.852364 | .0169832 | 4.038639 | .1064074 |
| Stddev | .0002979 | .006559  | .042969  | .0004955 | .018676  | .0019607 |
| %RSD   | 6.078948 | .0712504 | .5472167 | 2.917634 | .4624342 | 1.842643 |
| #1     | .0052354 | 9.198158 | 7.816153 | .0173531 | 4.017082 | .1046231 |
| #2     | .0048009 | 9.205851 | 7.841093 | .0171763 | 4.048901 | .1060925 |
| #3     | .0046651 | 9.211206 | 7.899845 | .0164203 | 4.049935 | .1085064 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.494513 |
| Stddev | .005144  |
| %RSD   | .2061997 |
| #1     | 2.489543 |
| #2     | 2.494180 |
| #3     | 2.499815 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 834.4400 | 21017.69 | 2570.764 | 694.0340 | 1347.645 |
| Stddev    | 1.8986   | 60.17    | 12.128   | 2.7932   | 1.907    |
| %RSD      | .2275308 | .2862718 | .4717664 | .4024617 | .1415265 |
| #1        | 836.2146 | 21067.08 | 2584.544 | 691.7216 | 1348.280 |
| #2        | 834.6676 | 20950.68 | 2566.038 | 693.2430 | 1345.501 |
| #3        | 832.4379 | 21035.31 | 2561.711 | 697.1374 | 1349.154 |

Sample Name: P4499-12      Acquired: 11/01/2024 0:36:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016687 | -.050300 | .0826822 | -.006621 | .0006578 | 131.1055 |
| Stddev | .011681  | .005483  | .0069278 | .005528  | .0030875 | .3916    |
| %RSD   | 69.99855 | 10.90048 | 8.378804 | 83.48495 | 469.3932 | .2987251 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.029887 | -.049736 | .0815696 | -.002675 | .0007710 | 131.5062 |
| #2 | -.012490 | -.045121 | .0763781 | -.004250 | .0036872 | 130.7235 |
| #3 | -.007685 | -.056043 | .0900990 | -.012940 | -.002485 | 131.0867 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6223236 | .0087352 | .0106103 | F 1080.114 | 1.905350 | .2988811 |
| Stddev | .0013165 | .0001493 | .0002849 | 5.488      | .003078  | .0007413 |
| %RSD   | .2115504 | 1.708800 | 2.685523 | .5080669   | .1615240 | .2480289 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6237594 | .0087259 | .0103404 | 1074.376 | 1.903633 | .2996605 |
| #2 | .6211732 | .0085908 | .0105823 | 1080.656 | 1.908903 | .2981849 |
| #3 | .6220383 | .0088889 | .0109082 | 1085.311 | 1.903513 | .2987980 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3657505 | 322.3973 | 4.667317 | 234.6330 | 2.527707 | -.005768 |
| Stddev | .0074862 | .4643    | .003670  | .4329    | .002721  | .000514  |
| %RSD   | 2.046802 | .1440006 | .0786260 | .1844810 | .1076496 | 8.912714 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3658574 | 322.9199 | 4.664745 | 234.9778 | 2.526257 | -.006340 |
| #2 | .3582114 | 322.0325 | 4.665686 | 234.1472 | 2.526019 | -.005618 |
| #3 | .3731826 | 322.2394 | 4.671519 | 234.7739 | 2.530846 | -.005345 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.974276 | 1.062294 | .5281227 | 10.57807 | 7.278837 | .3428883 |
| Stddev | .111800  | .022818  | .0014624 | .03015   | .016058  | .0015752 |
| %RSD   | 1.603032 | 2.147983 | .2769145 | .2850137 | .2206102 | .4594031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.884064 | 1.087698 | .5294621 | 10.54363 | 7.267259 | .3446509 |
| #2 | 6.939409 | 1.043539 | .5265623 | 10.59970 | 7.297169 | .3416180 |
| #3 | 7.099354 | 1.055646 | .5283437 | 10.59088 | 7.272083 | .3423959 |

Sample Name: P4499-12      Acquired: 11/01/2024 0:36:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050393 | 3.661310 | 6.981008 | .0095683 | 4.890208 | .1997923 |
| Stddev | .0008007 | .026258  | .025687  | .0028324 | .017130  | .0013763 |
| %RSD   | 15.88953 | .7171758 | .3679619 | 29.60205 | .3502955 | .6888581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0047863 | 3.664057 | 6.983948 | .0106165 | 4.909977 | .1997824 |
| #2 | .0043956 | 3.686087 | 6.953976 | .0117273 | 4.880886 | .2011736 |
| #3 | .0059360 | 3.633787 | 7.005098 | .0063612 | 4.879760 | .1984210 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.663802 |
| Stddev | .003836  |
| %RSD   | .2305298 |

|    |          |
|----|----------|
| #1 | 1.668048 |
| #2 | 1.660588 |
| #3 | 1.662769 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 924.0301 | 22779.05 | 2743.521 | 770.4718 | 1443.618 |
| Stddev    | 2.9815   | 39.13    | 7.595    | 1.1746   | .428     |
| %RSD      | .3226612 | .1717599 | .2768371 | .1524561 | .0296502 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 921.6262 | 22756.99 | 2737.056 | 769.1253 | 1443.468 |
| #2 | 923.0979 | 22755.93 | 2751.885 | 771.0040 | 1443.285 |
| #3 | 927.3664 | 22824.22 | 2741.620 | 771.2861 | 1444.101 |

Sample Name: P4499-13      Acquired: 11/01/2024 0:41:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.071922 | -.042381 | .0773818 | -.007538 | .0000643 | 93.80080 |
| Stddev | .012965  | .004330  | .0055144 | .003066  | .0014117 | .15294   |
| %RSD   | 18.02633 | 10.21762 | 7.126223 | 40.68155 | 2195.717 | .1630456 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.057899 | -.045966 | .0829763 | -.009849 | .0012103 | 93.78357 |
| #2 | -.074394 | -.043609 | .0772181 | -.004059 | -.001513 | 93.65721 |
| #3 | -.083474 | -.037570 | .0719511 | -.008705 | .000495  | 93.96163 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9193872 | .0064015 | .0101868 | 716.5851 | 5.727089 | .6902493 |
| Stddev | .0039547 | .0002592 | .0004977 | .3125    | .007386  | .0022672 |
| %RSD   | .4301423 | 4.049781 | 4.885626 | .0436157 | .1289653 | .3284630 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9177796 | .0061222 | .0107163 | 716.2266 | 5.723565 | .6928667 |
| #2 | .9164895 | .0066343 | .0101153 | 716.7998 | 5.722124 | .6889865 |
| #3 | .9238925 | .0064481 | .0097287 | 716.7290 | 5.735576 | .6888948 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .2805657 | 354.4841 | 7.274080 | F 1115.881 | F 11.09018 | -.006540 |
| Stddev | .0041258 | .3380    | .029923  | .521       | .01806     | .000417  |
| %RSD   | 1.470524 | .0953392 | .4113696 | .0467286   | .1628277   | 6.381046 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2849599 | 354.8252 | 7.251506 | 1116.286 | 11.11091 | -.006994 |
| #2 | .2767748 | 354.1494 | 7.262713 | 1116.064 | 11.08180 | -.006172 |
| #3 | .2799623 | 354.4777 | 7.308021 | 1115.293 | 11.07784 | -.006455 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.348614 | .5887581 | .4494102 | 4.942163 | 5.587278 | .3360272 |
| Stddev | .174733  | .0113140 | .0026009 | .140564  | .010359  | .0009721 |
| %RSD   | 5.218076 | 1.921677 | .5787309 | 2.844176 | .1854055 | .2892807 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.536985 | .5832369 | .4499051 | 4.918646 | 5.598247 | .3369768 |
| #2 | 3.191826 | .6017727 | .4465975 | 4.814842 | 5.585928 | .3360706 |
| #3 | 3.317032 | .5812648 | .4517281 | 5.093002 | 5.577661 | .3350341 |



Sample Name: P4499-13      Acquired: 11/01/2024 0:41:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001094 | 50.30188 | 3.815762 | .0135021 | 1.218380 | .0432060 |
| Stddev | .000277  | .16381   | .008191  | .0009185 | .006456  | .0028797 |
| %RSD   | 25.27653 | .3256457 | .2146657 | 6.802818 | .5298991 | 6.665032 |
| #1     | -.001028 | 50.49096 | 3.806343 | .0127873 | 1.215382 | .0412565 |
| #2     | -.000856 | 50.21185 | 3.819722 | .0145381 | 1.213968 | .0465136 |
| #3     | -.001397 | 50.20284 | 3.821220 | .0131810 | 1.225790 | .0418479 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9738497 |
| Stddev | .0016686 |
| %RSD   | .1713407 |
| #1     | .9735715 |
| #2     | .9723377 |
| #3     | .9756399 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 832.9059 | 21107.05 | 2544.635 | 691.7522 | 1416.096 |
| Stddev    | 1.3085   | 16.44    | 4.587    | 2.8649   | 3.771    |
| %RSD      | .1571063 | .0778819 | .1802553 | .4141497 | .2662804 |
| #1        | 831.4509 | 21124.00 | 2547.911 | 689.9930 | 1411.749 |
| #2        | 833.9864 | 21105.98 | 2546.601 | 695.0580 | 1418.482 |
| #3        | 833.2804 | 21091.18 | 2539.393 | 690.2055 | 1418.058 |

Sample Name: P4499-14      Acquired: 11/01/2024 0:45:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.044877 | -.049296 | .1467647 | -.007799 | -.002852 | 103.7725 |
| Stddev | .004319  | .006924  | .0034847 | .005631  | .004392  | .0780    |
| %RSD   | 9.623198 | 14.04664 | 2.374317 | 72.20306 | 154.0107 | .0751381 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.049825 | -.052604 | .1438141 | -.013849 | .000854  | 103.8334 |
| #2 | -.042940 | -.053946 | .1458708 | -.006839 | -.007703 | 103.6846 |
| #3 | -.041866 | -.041338 | .1506093 | -.002710 | -.001706 | 103.7995 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.843241 | .0072478 | .0106062 | F 882.3556 | 4.201981 | .5839536 |
| Stddev | .004146  | .0002631 | .0001400 | 2.6130     | .012694  | .0025191 |
| %RSD   | .2249438 | 3.629642 | 1.320406 | .2961410   | .3020949 | .4313944 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.842194 | .0070872 | .0105547 | 885.0236 | 4.193573 | .5868241 |
| #2 | 1.839719 | .0071049 | .0107648 | 879.8012 | 4.195787 | .5829264 |
| #3 | 1.847810 | .0075514 | .0104993 | 882.2420 | 4.216583 | .5821104 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4330545 | 330.3456 | 6.591502 | 775.6924 | F 7.799455 | -.006277 |
| Stddev | .0049510 | .8195    | .008375  | 3.7546   | .006155    | .000518  |
| %RSD   | 1.143277 | .2480663 | .1270591 | .4840320 | .0789147   | 8.252626 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4363177 | 330.8497 | 6.592437 | 779.4722 | 7.803680 | -.006385 |
| #2 | .4354882 | 329.4000 | 6.599370 | 771.9635 | 7.792393 | -.006732 |
| #3 | .4273577 | 330.7870 | 6.582699 | 775.6416 | 7.802292 | -.005713 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.435361 | .6799484 | .8075608 | 7.131194 | 8.790416 | .3180394 |
| Stddev | .454548  | .0043145 | .0071935 | .044951  | .014238  | .0011154 |
| %RSD   | 10.24827 | .6345294 | .8907683 | .6303403 | .1619772 | .3506955 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.668034 | .6839849 | .7993174 | 7.100888 | 8.805968 | .3192271 |
| #2 | 4.726470 | .6754014 | .8125663 | 7.182840 | 8.778021 | .3170142 |
| #3 | 3.911580 | .6804590 | .8107987 | 7.109854 | 8.787258 | .3178770 |

Sample Name: P4499-14      Acquired: 11/01/2024 0:45:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028014 | 74.89314 | 4.193253 | .0276097 | 2.475101 | .0686096 |
| Stddev | .0006701 | .03748   | .028254  | .0014593 | .005610  | .0023529 |
| %RSD   | 23.92103 | .0500392 | .6737886 | 5.285600 | .2266379 | 3.429340 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029344 | 74.92111 | 4.224837 | .0259569 | 2.481578 | .0663863 |
| #2 | .0020748 | 74.90775 | 4.170383 | .0281518 | 2.471932 | .0683688 |
| #3 | .0033952 | 74.85056 | 4.184539 | .0287205 | 2.471794 | .0710735 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.369302 |
| Stddev | .003056  |
| %RSD   | .2231762 |

|    |          |
|----|----------|
| #1 | 1.368177 |
| #2 | 1.366968 |
| #3 | 1.372761 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 875.5179 | 21971.54 | 2651.680 | 728.3114 | 1417.783 |
| Stddev    | 1.4149   | 38.66    | 13.201   | 5.4031   | 1.525    |
| %RSD      | .1616020 | .1759445 | .4978500 | .7418735 | .1075459 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 874.5315 | 21980.16 | 2636.452 | 733.4464 | 1416.096 |
| #2 | 877.1390 | 22005.16 | 2658.704 | 722.6750 | 1418.189 |
| #3 | 874.8832 | 21929.30 | 2659.885 | 728.8127 | 1419.063 |

Sample Name: P4499-15      Acquired: 11/01/2024 0:49:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016616 | -.050041 | .2722940 | -.008006 | .0046601 | 133.0326 |
| Stddev | .004568  | .000540  | .0094692 | .010685  | .0039479 | .5013    |
| %RSD   | 27.49431 | 1.078909 | 3.477556 | 133.4609 | 84.71745 | .3767911 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.019734 | -.049501 | .2762699 | -.009075 | .0078414 | 132.4548 |
| #2 | -.018742 | -.050040 | .2614851 | .003173  | .0002418 | 133.3510 |
| #3 | -.011372 | -.050581 | .2791271 | -.018116 | .0058971 | 133.2919 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.575173 | .0090951 | .0122157 | F 1181.906 | 2.064182 | .2748474 |
| Stddev | .007854  | .0000882 | .0001304 | 5.415      | .002292  | .0007189 |
| %RSD   | .4986115 | .9698438 | 1.067346 | .4581979   | .1110290 | .2615512 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.567742 | .0090196 | .0122642 | 1175.656 | 2.061545 | .2750960 |
| #2 | 1.583391 | .0090736 | .0123148 | 1184.853 | 2.065318 | .2754089 |
| #3 | 1.574388 | .0091920 | .0120680 | 1185.208 | 2.065685 | .2740372 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5225351 | 328.7208 | 4.878257 | 293.0271 | 2.736568 | -.004331 |
| Stddev | .0054212 | 1.2305   | .017806  | .9665    | .005318  | .000149  |
| %RSD   | 1.037480 | .3743291 | .3650121 | .3298172 | .1943260 | 3.448476 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5168820 | 327.7135 | 4.859381 | 291.9131 | 2.731108 | -.004474 |
| #2 | .5276900 | 328.3567 | 4.894755 | 293.5272 | 2.736866 | -.004176 |
| #3 | .5230334 | 330.0923 | 4.880635 | 293.6410 | 2.741731 | -.004344 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.730928 | 1.041319 | .9973270 | 10.08634 | F 14.57345 | .3302332 |
| Stddev | .288118  | .013169  | .0051337 | .09549   | .00988     | .0018973 |
| %RSD   | 5.027431 | 1.264672 | .5147440 | .9467577 | .0677742   | .5745225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.010051 | 1.056151 | 1.002096 | 10.13492 | 14.57717 | .3314639 |
| #2 | 5.748147 | 1.030997 | .991893  | 9.97632  | 14.58092 | .3280482 |
| #3 | 5.434587 | 1.036811 | .997992  | 10.14777 | 14.56225 | .3311874 |

Sample Name: P4499-15      Acquired: 11/01/2024 0:49:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0213853 | F 144.6443 | 5.074546 | .0561504 | 3.156069 | .1135382 |
| Stddev | .0003653 | .0319      | .012815  | .0039127 | .014326  | .0027096 |
| %RSD   | 1.708044 | .0220760   | .2525296 | 6.968218 | .4539052 | 2.386519 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0213155 | 144.6204 | 5.061796 | .0526311 | 3.141239 | .1124287 |
| #2 | .0210599 | 144.6320 | 5.087424 | .0603636 | 3.169830 | .1115594 |
| #3 | .0217804 | 144.6806 | 5.074417 | .0554564 | 3.157139 | .1166264 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.166794 |
| Stddev | .008273  |
| %RSD   | .2612269 |

|    |          |
|----|----------|
| #1 | 3.158302 |
| #2 | 3.174829 |
| #3 | 3.167251 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.7619 | 22163.84 | 2700.059 | 747.6850 | 1418.528 |
| Stddev    | 2.1701   | 24.40    | 5.017    | 6.3970   | .370     |
| %RSD      | .2433474 | .1101096 | .1858075 | .8555745 | .0260697 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 889.6596 | 22135.67 | 2702.446 | 740.8129 | 1418.955 |
| #2 | 893.9939 | 22177.73 | 2694.294 | 753.4667 | 1418.330 |
| #3 | 891.6322 | 22178.14 | 2703.437 | 748.7755 | 1418.299 |

Sample Name: P4499-16      Acquired: 11/01/2024 0:54:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016690 | -.059972 | .0856452 | -.008512 | .0028356 | 130.1053 |
| Stddev | .002656  | .003963  | .0005271 | .008626  | .0001727 | .3111    |
| %RSD   | 15.91120 | 6.607693 | .6153940 | 101.3369 | 6.090347 | .2391207 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.019720 | -.061828 | .0855917 | -.008840 | .0029175 | 129.7754 |
| #2 | -.015578 | -.062666 | .0851470 | .000273  | .0026372 | 130.1469 |
| #3 | -.014771 | -.055422 | .0861970 | -.016969 | .0029521 | 130.3935 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3647862 | .0092892 | .0119410 | F 840.8757 | 1.383452 | .2540683 |
| Stddev | .0009379 | .0004511 | .0001697 | 3.8345     | .004245  | .0005743 |
| %RSD   | .2571077 | 4.856704 | 1.421486 | .4560168   | .3068416 | .2260384 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3643998 | .0088097 | .0120956 | 837.0719 | 1.388035 | .2540112 |
| #2 | .3658555 | .0093524 | .0119681 | 840.8150 | 1.382665 | .2535247 |
| #3 | .3641031 | .0097053 | .0117593 | 844.7403 | 1.379655 | .2546690 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3693597 | 363.5108 | 5.437886 | 197.3657 | 1.785281 | -.015909 |
| Stddev | .0006395 | 1.3777   | .015179  | 1.0237   | .001734  | .000204  |
| %RSD   | .1731484 | .3789938 | .2791257 | .5186627 | .0971306 | 1.280727 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3695133 | 362.2425 | 5.423091 | 196.5508 | 1.784776 | -.015873 |
| #2 | .3699084 | 363.3135 | 5.453421 | 197.0316 | 1.787211 | -.016128 |
| #3 | .3686573 | 364.9765 | 5.437147 | 198.5147 | 1.783856 | -.015725 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.115585 | .9962133 | .5168685 | 7.616213 | 9.140731 | .3530673 |
| Stddev | .277941  | .0035319 | .0017930 | .102360  | .030992  | .0019953 |
| %RSD   | 6.753386 | .3545356 | .3468864 | 1.343976 | .3390507 | .5651217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.412391 | .9968678 | .5152098 | 7.694635 | 9.109304 | .3512608 |
| #2 | 3.861442 | .9993723 | .5187708 | 7.500418 | 9.171268 | .3527323 |
| #3 | 4.072922 | .9924000 | .5166249 | 7.653585 | 9.141622 | .3552089 |

Sample Name: P4499-16      Acquired: 11/01/2024 0:54:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038182 | 5.341582 | 4.902142 | .0068915 | 5.532043 | .2246430 |
| Stddev | .0004934 | .021935  | .017858  | .0016670 | .012371  | .0016033 |
| %RSD   | 12.92206 | .4106545 | .3642807 | 24.18862 | .2236285 | .7137119 |
| #1     | .0043606 | 5.340102 | 4.888051 | .0062242 | 5.517760 | .2240141 |
| #2     | .0036980 | 5.320424 | 4.896150 | .0087888 | 5.539395 | .2264654 |
| #3     | .0033961 | 5.364220 | 4.922225 | .0056616 | 5.538975 | .2234494 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.035373 |
| Stddev | .000595  |
| %RSD   | .0574795 |
| #1     | 1.034696 |
| #2     | 1.035610 |
| #3     | 1.035813 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 961.6388 | 23729.28 | 2831.241 | 806.8571 | 1478.890 |
| Stddev    | 1.4588   | 76.29    | 7.743    | 4.6745   | 2.022    |
| %RSD      | .1516994 | .3214839 | .2734675 | .5793524 | .1367063 |
| #1        | 961.2185 | 23682.93 | 2840.148 | 805.3918 | 1478.876 |
| #2        | 960.4362 | 23687.59 | 2827.462 | 803.0907 | 1476.875 |
| #3        | 963.2616 | 23817.33 | 2826.114 | 812.0887 | 1480.918 |

Sample Name: P4499-17      Acquired: 11/01/2024 0:58:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.042227 | -.069422 | .0897244 | -.008337 | .0054135 | 136.9041 |
| Stddev | .005868  | .006935  | .0052660 | .009157  | .0021909 | .2120    |
| %RSD   | 13.89595 | 9.989520 | 5.869039 | 109.8343 | 40.47126 | .1548789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.048909 | -.075187 | .0836508 | -.018763 | .0059228 | 136.7815 |
| #2 | -.037913 | -.061727 | .0925091 | -.004650 | .0030128 | 137.1490 |
| #3 | -.039859 | -.071353 | .0930134 | -.001598 | .0073050 | 136.7819 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4609836 | .0101417 | .0128970 | F 821.5773 | 2.055989 | .3323942 |
| Stddev | .0019731 | .0000952 | .0002118 | .6607      | .001721  | .0015560 |
| %RSD   | .4280227 | .9387323 | 1.641851 | .0804207   | .0837186 | .4681319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4604249 | .0102184 | .0126574 | 821.4086 | 2.056003 | .3307407 |
| #2 | .4631758 | .0101716 | .0130590 | 822.3059 | 2.057703 | .3326121 |
| #3 | .4593500 | .0100351 | .0129748 | 821.0172 | 2.054261 | .3338299 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3827011 | 411.1722 | 5.833435 | 288.0274 | 2.487730 | -.016669 |
| Stddev | .0043797 | .4617    | .020832  | .3158    | .006051  | .000896  |
| %RSD   | 1.144427 | .1122810 | .3571152 | .1096316 | .2432236 | 5.376324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3776582 | 410.6646 | 5.853144 | 287.7060 | 2.481010 | -.016515 |
| #2 | .3855521 | 411.5672 | 5.835525 | 288.0389 | 2.489435 | -.015860 |
| #3 | .3848930 | 411.2847 | 5.811637 | 288.3372 | 2.492746 | -.017633 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.309539 | 1.172213 | .5466133 | 8.699927 | 7.510553 | .3986274 |
| Stddev | .242179  | .017893  | .0006876 | .069790  | .024656  | .0028916 |
| %RSD   | 5.619600 | 1.526395 | .1257880 | .8021961 | .3282908 | .7253962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.168882 | 1.157188 | .5458331 | 8.627679 | 7.482117 | .3973439 |
| #2 | 4.170553 | 1.192007 | .5471306 | 8.766968 | 7.523548 | .4019386 |
| #3 | 4.589181 | 1.167445 | .5468763 | 8.705135 | 7.525993 | .3965997 |



Sample Name: P4499-17      Acquired: 11/01/2024 0:58:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018556 | 24.96393 | 4.517707 | .0025881 | 7.003294 | .2215745 |
| Stddev | .0004890 | .04885   | .011121  | .0044853 | .013018  | .0012039 |
| %RSD   | 26.35029 | .1956721 | .2461553 | 173.3087 | .1858774 | .5433556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020267 | 24.97414 | 4.504893 | -.001275 | 7.007178 | .2229577 |
| #2 | .0013041 | 24.91079 | 4.523403 | .001532  | 7.013927 | .2210036 |
| #3 | .0022359 | 25.00687 | 4.524826 | .007507  | 6.988776 | .2207622 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.103853 |
| Stddev | .001700  |
| %RSD   | .1540075 |

|    |          |
|----|----------|
| #1 | 1.105298 |
| #2 | 1.104280 |
| #3 | 1.101980 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 932.5676 | 23141.86 | 2765.054 | 781.7502 | 1473.036 |
| Stddev    | 1.5180   | 87.15    | 4.534    | 2.7851   | 2.362    |
| %RSD      | .1627743 | .3765973 | .1639576 | .3562598 | .1603352 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 933.7584 | 23086.96 | 2762.613 | 778.5829 | 1475.686 |
| #2 | 930.8583 | 23096.27 | 2762.264 | 782.8515 | 1472.267 |
| #3 | 933.0861 | 23242.35 | 2770.285 | 783.8162 | 1471.154 |

Sample Name: P4499-18      Acquired: 11/01/2024 1:03:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.041638 | -.065836 | .1125828 | -.018870 | -.001109 | 146.9823 |
| Stddev | .008948  | .001049  | .0044938 | .002781  | .004627  | .5173    |
| %RSD   | 21.48987 | 1.594033 | 3.991535 | 14.73567 | 417.2137 | .3519707 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.032155 | -.064781 | .1092376 | -.019087 | .003639  | 146.5156 |
| #2 | -.042828 | -.065846 | .1108201 | -.021536 | -.005605 | 146.8926 |
| #3 | -.049932 | -.066880 | .1176907 | -.015987 | -.001362 | 147.5385 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6614902 | .0103307 | .0146220 | F 1148.821 | 2.438050 | .3542930 |
| Stddev | .0016643 | .0001429 | .0003678 | 4.396      | .006702  | .0016518 |
| %RSD   | .2516044 | 1.383685 | 2.515546 | .3826400   | .2749094 | .4662359 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6600046 | .0104171 | .0147500 | 1144.562 | 2.440524 | .3531823 |
| #2 | .6611773 | .0101657 | .0149087 | 1148.559 | 2.443163 | .3561912 |
| #3 | .6632889 | .0104094 | .0142073 | 1153.342 | 2.430462 | .3535055 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4075771 | 414.2993 | 5.660448 | 326.8025 | 3.392421 | -.011922 |
| Stddev | .0042749 | 1.6396   | .022129  | 1.6555   | .009208  | .000542  |
| %RSD   | 1.048865 | .3957416 | .3909396 | .5065606 | .2714385 | 4.548792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4040427 | 412.6123 | 5.635191 | 325.3283 | 3.384547 | -.011998 |
| #2 | .4063600 | 414.3987 | 5.676435 | 326.4857 | 3.402546 | -.011346 |
| #3 | .4123286 | 415.8868 | 5.669717 | 328.5934 | 3.390171 | -.012423 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.77200 | 1.086154 | .5980296 | 9.521174 | 9.523705 | .4423068 |
| Stddev | .23969   | .010114  | .0018976 | .058912  | .008248  | .0024247 |
| %RSD   | 2.225154 | .9311912 | .3173053 | .6187430 | .0866006 | .5481930 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.96540 | 1.089146 | .5992047 | 9.550072 | 9.515295 | .4405426 |
| #2 | 10.50384 | 1.074881 | .5958404 | 9.560056 | 9.531780 | .4413061 |
| #3 | 10.84677 | 1.094435 | .5990436 | 9.453393 | 9.524039 | .4450717 |

Sample Name: P4499-18      Acquired: 11/01/2024 1:03:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041622 | 26.48215 | 5.504069 | .0658015 | 6.288105 | .2095871 |
| Stddev | .0005486 | .03826   | .016353  | .0006722 | .016844  | .0000729 |
| %RSD   | 13.18058 | .1444585 | .2971097 | 1.021553 | .2678628 | .0348031 |
| #1     | .0047920 | 26.52612 | 5.499228 | .0664021 | 6.269264 | .2096408 |
| #2     | .0039058 | 26.46388 | 5.490683 | .0650754 | 6.293350 | .2095040 |
| #3     | .0037887 | 26.45645 | 5.522296 | .0659270 | 6.301703 | .2096163 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.065054 |
| Stddev | .007343  |
| %RSD   | .2395762 |
| #1     | 3.057314 |
| #2     | 3.065924 |
| #3     | 3.071922 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 919.9440 | 22888.10 | 2761.222 | 769.6518 | 1426.606 |
| Stddev    | 2.0437   | 33.27    | 10.364   | 1.2886   | 2.884    |
| %RSD      | .2221506 | .1453610 | .3753567 | .1674292 | .2021443 |
| #1        | 919.1184 | 22860.20 | 2762.825 | 768.4103 | 1426.633 |
| #2        | 918.4423 | 22879.18 | 2770.692 | 770.9828 | 1423.709 |
| #3        | 922.2713 | 22924.92 | 2750.150 | 769.5624 | 1429.476 |

Sample Name: P4499-19      Acquired: 11/01/2024 1:07:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.015051 | -.043147 | .1479814 | -.009237 | .0015420 | 82.92051 |
| Stddev | .014598  | .002395  | .0067402 | .003516  | .0015420 | .72932   |
| %RSD   | 96.99464 | 5.551777 | 4.554737 | 38.06103 | 100.0018 | .8795443 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.012359 | -.045895 | .1454475 | -.012916 | -.000140 | 82.41392 |
| #2 | -.001985 | -.041504 | .1428755 | -.005911 | .002888  | 82.59120 |
| #3 | -.030808 | -.042041 | .1556213 | -.008884 | .001878  | 83.75642 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5395248 | .0051508 | .0102674 | F 2498.300 | 3.228090 | .2633345 |
| Stddev | .0045471 | .0003099 | .0002424 | 44.905     | .009729  | .0011497 |
| %RSD   | .8428042 | 6.016588 | 2.361124 | 1.797439   | .3013778 | .4365935 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5362007 | .0047952 | .0105385 | 2485.713 | 3.238548 | .2640554 |
| #2 | .5376671 | .0053633 | .0101922 | 2461.031 | 3.219308 | .2620086 |
| #3 | .5447067 | .0052938 | .0100714 | 2548.156 | 3.226415 | .2639395 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2479498 | 245.3263 | 4.308643 | 484.9466 | 4.771519 | .0271482 |
| Stddev | .0044899 | 2.1459   | .041207  | 3.2618   | .009228  | .0001572 |
| %RSD   | 1.810793 | .8747288 | .9563797 | .6726089 | .1933890 | .5789141 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2444922 | 243.7364 | 4.284235 | 482.4627 | 4.782010 | .0271395 |
| #2 | .2463332 | 244.4753 | 4.285474 | 483.7365 | 4.767889 | .0273095 |
| #3 | .2530241 | 247.7672 | 4.356219 | 488.6405 | 4.764659 | .0269956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.16576 | .5977314 | .5039075 | 5.427987 | 8.300870 | .3442330 |
| Stddev | .13556   | .0063324 | .0032585 | .098784  | .005989  | .0048236 |
| %RSD   | .7896946 | 1.059406 | .6466429 | 1.819907 | .0721461 | 1.401267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 17.05552 | .5924751 | .5011595 | 5.496968 | 8.303636 | .3422978 |
| #2 | 17.31711 | .5959574 | .5075073 | 5.314823 | 8.304976 | .3406775 |
| #3 | 17.12464 | .6047615 | .5030557 | 5.472171 | 8.293998 | .3497237 |

Sample Name: P4499-19      Acquired: 11/01/2024 1:07:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032227 | 16.86650 | 5.026536 | .0206989 | 5.865817 | .0978775 |
| Stddev | .0006708 | .05126   | .028795  | .0022761 | .042079  | .0021596 |
| %RSD   | 20.81634 | .3039132 | .5728643 | 10.99630 | .7173556 | 2.206379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029536 | 16.92079 | 5.020936 | .0180761 | 5.837840 | .0962569 |
| #2 | .0027281 | 16.85976 | 5.000952 | .0218638 | 5.845401 | .0970466 |
| #3 | .0039862 | 16.81893 | 5.057720 | .0221568 | 5.914209 | .1003291 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 15.73528 |
| Stddev | .15614   |
| %RSD   | .9922635 |

|    |          |
|----|----------|
| #1 | 15.68680 |
| #2 | 15.60913 |
| #3 | 15.90990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 819.9116 | 20768.75 | 2533.670 | 687.3185 | 1296.718 |
| Stddev    | 1.3918   | 17.74    | 12.815   | 4.0268   | 3.352    |
| %RSD      | .1697469 | .0854083 | .5057752 | .5858648 | .2584782 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 819.3410 | 20748.28 | 2534.931 | 689.8481 | 1292.969 |
| #2 | 821.4980 | 20779.48 | 2545.808 | 682.6750 | 1299.425 |
| #3 | 818.8958 | 20778.50 | 2520.272 | 689.4325 | 1297.761 |

Sample Name: P4499-20      Acquired: 11/01/2024 1:12:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.078759 | -.056305 | .1754130 | -.010457 | -.002539 | 110.7642 |
| Stddev | .010017  | .006298  | .0051600 | .013286  | .003016  | .2332    |
| %RSD   | 12.71906 | 11.18519 | 2.941635 | 127.0565 | 118.7620 | .2105472 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.069954 | -.057339 | .1732170 | -.025414 | -.002637 | 111.0189 |
| #2 | -.076664 | -.049554 | .1717142 | -.000020 | -.005505 | 110.5611 |
| #3 | -.089658 | -.062022 | .1813077 | -.005937 | .000524  | 110.7127 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6927015 | .0077655 | .0133609 | F 1254.227 | 5.713615 | .5576397 |
| Stddev | .0026539 | .0003269 | .0001694 | 9.154      | .005235  | .0034880 |
| %RSD   | .3831156 | 4.209127 | 1.268187 | .7298636   | .0916157 | .6254999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6944957 | .0077538 | .0134676 | 1264.781 | 5.709664 | .5605250 |
| #2 | .6896530 | .0074446 | .0134497 | 1249.449 | 5.711630 | .5586305 |
| #3 | .6939558 | .0080980 | .0131656 | 1248.450 | 5.719552 | .5537634 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .3192199 | 390.8374 | 6.253779 | F 880.1117 | F 9.049864 | .0004769 |
| Stddev | .0044545 | .3262    | .016337  | 1.6225     | .050514    | .0006681 |
| %RSD   | 1.395450 | .0834494 | .2612296 | .1843500   | .5581708   | 140.1060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3141479 | 391.0363 | 6.263268 | 879.6779 | 9.075051 | .0010332 |
| #2 | .3210151 | 390.4610 | 6.234915 | 878.7501 | 9.082832 | .0006614 |
| #3 | .3224969 | 391.0150 | 6.263154 | 881.9069 | 8.991709 | -.000264 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.37969 | .8059766 | .6040880 | 7.121947 | 8.457824 | .4696934 |
| Stddev | .51283   | .0034922 | .0008721 | .174463  | .035086  | .0011218 |
| %RSD   | 3.832891 | .4332869 | .1443620 | 2.449656 | .4148342 | .2388347 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.96639 | .8022060 | .6035839 | 7.295440 | 8.468983 | .4703788 |
| #2 | 13.15580 | .8090997 | .6035851 | 7.123871 | 8.485973 | .4683988 |
| #3 | 13.01686 | .8066241 | .6050950 | 6.946529 | 8.418515 | .4703026 |

Sample Name: P4499-20      Acquired: 11/01/2024 1:12:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035458 | 33.81759 | 4.711994 | .0381175 | 6.882744 | .1064220 |
| Stddev | .0005547 | .22813   | .019018  | .0023409 | .008142  | .0009126 |
| %RSD   | 15.64388 | .6745914 | .4036139 | 6.141303 | .1183022 | .8575035 |
| #1     | .0039787 | 33.97955 | 4.720841 | .0366995 | 6.891834 | .1065037 |
| #2     | .0029205 | 33.91654 | 4.690163 | .0368336 | 6.880280 | .1072910 |
| #3     | .0037382 | 33.55670 | 4.724976 | .0408194 | 6.876119 | .1054713 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.535465 |
| Stddev | .056175  |
| %RSD   | .7454799 |
| #1     | 7.557126 |
| #2     | 7.471684 |
| #3     | 7.577585 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 834.2064 | 21114.31 | 2582.012 | 684.6196 | 1370.932 |
| Stddev    | 7.4160   | 41.94    | 6.051    | 1.4932   | 9.376    |
| %RSD      | .8889852 | .1986143 | .2343518 | .2180998 | .6839277 |
| #1        | 827.2986 | 21095.57 | 2576.927 | 683.9778 | 1363.392 |
| #2        | 833.2777 | 21085.01 | 2588.704 | 686.3264 | 1367.973 |
| #3        | 842.0430 | 21162.35 | 2580.405 | 683.5547 | 1381.430 |

Sample Name: P4499-21      Acquired: 11/01/2024 1:16:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001391 | -.047241 | .1879678 | -.011401 | .0003780 | 122.2903 |
| Stddev | .0073649 | .007234  | .0036626 | .004343  | .0028527 | .1311    |
| %RSD   | 5293.026 | 15.31283 | 1.948552 | 38.09367 | 754.7452 | .1072254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0086434 | -.040927 | .1838261 | -.009398 | -.001401 | 122.2594 |
| #2 | -.004130 | -.045663 | .1892968 | -.016384 | -.001134 | 122.4341 |
| #3 | -.004096 | -.055134 | .1907804 | -.008421 | .003668  | 122.1774 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.579648 | .0085569 | .0112678 | F 1144.763 | 2.462708 | .3762845 |
| Stddev | .002440  | .0001868 | .0002619 | 5.213      | .004824  | .0012674 |
| %RSD   | .1544532 | 2.182833 | 2.324300 | .4553750   | .1958713 | .3368114 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.580317 | .0085319 | .0115030 | 1150.385 | 2.457242 | .3775773 |
| #2 | 1.581683 | .0083839 | .0113147 | 1140.089 | 2.466367 | .3750442 |
| #3 | 1.576943 | .0087550 | .0109856 | 1143.817 | 2.464515 | .3762322 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4562871 | 278.3231 | 5.604755 | 387.0533 | 4.471172 | -.004046 |
| Stddev | .0057812 | .9445    | .013224  | .9306    | .002251  | .000471  |
| %RSD   | 1.267015 | .3393704 | .2359445 | .2404345 | .0503403 | 11.64297 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4594354 | 277.6518 | 5.601206 | 386.6115 | 4.473318 | -.004524 |
| #2 | .4496151 | 279.4032 | 5.619392 | 388.1225 | 4.468829 | -.004033 |
| #3 | .4598109 | 277.9143 | 5.593667 | 386.4259 | 4.471368 | -.003582 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 13.56124 | .7130420 | .9280424 | 14.78919 | F 12.95349 | .3157251 |
| Stddev | .03670   | .0166027 | .0079648 | .12483   | .03420     | .0038542 |
| %RSD   | .2706347 | 2.328435 | .8582408 | .8440581 | .2640455   | 1.220742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.52007 | .6938712 | .9200985 | 14.64651 | 12.97979 | .3149888 |
| #2 | 13.59053 | .7225196 | .9280005 | 14.84277 | 12.96586 | .3198943 |
| #3 | 13.57312 | .7227351 | .9360281 | 14.87829 | 12.91483 | .3122921 |



Sample Name: P4499-21      Acquired: 11/01/2024 1:16:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052014 | 11.13611 | 5.677879 | .0299319 | 1.878246 | .0978028 |
| Stddev | .0002235 | .00979   | .030653  | .0047462 | .002527  | .0010662 |
| %RSD   | 4.296805 | .0878846 | .5398660 | 15.85672 | .1345531 | 1.090123 |
| #1     | .0051607 | 11.12493 | 5.675547 | .0350731 | 1.879933 | .0966358 |
| #2     | .0050011 | 11.14313 | 5.709631 | .0257174 | 1.879464 | .0980465 |
| #3     | .0054425 | 11.14026 | 5.648459 | .0290051 | 1.875340 | .0987260 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.421689 |
| Stddev | .005147  |
| %RSD   | .2125217 |
| #1     | 2.422326 |
| #2     | 2.426487 |
| #3     | 2.416253 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 921.2209 | 22813.29 | 2778.851 | 768.2614 | 1405.270 |
| Stddev    | 1.6174   | 69.91    | 12.213   | 7.2904   | 2.531    |
| %RSD      | .1755720 | .3064372 | .4394915 | .9489494 | .1801359 |
| #1        | 920.2871 | 22888.89 | 2774.122 | 775.7324 | 1402.525 |
| #2        | 923.0885 | 22799.99 | 2769.710 | 767.8857 | 1407.512 |
| #3        | 920.2871 | 22750.98 | 2792.721 | 761.1661 | 1405.774 |

Sample Name: P4499-22      Acquired: 11/01/2024 1:21:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0716106 | .0495808 | .2250662 | .1632728 | .1008806 | 106.3784 |
| Stddev | .0075449 | .0043127 | .0035320 | .0033864 | .0036043 | .3566    |
| %RSD   | 10.53602 | 8.698288 | 1.569319 | 2.074055 | 3.572797 | .3351829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0635627 | .0531352 | .2266491 | .1603825 | .0968143 | 106.5908 |
| #2 | .0785240 | .0447830 | .2210196 | .1669988 | .1021457 | 106.5776 |
| #3 | .0727450 | .0508242 | .2275299 | .1624373 | .1036817 | 105.9667 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 5.017720 | .1014532 | .1087662 | F 1857.742 | 3.273052 | 1.325449 |
| Stddev | .018065  | .0006979 | .0002139 | 13.223     | .004217  | .000327  |
| %RSD   | .3600293 | .6878643 | .1966863 | .7117951   | .1288305 | .0247065 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.032870 | .1006930 | .1087281 | 1863.979 | 3.277309 | 1.325280 |
| #2 | 5.022564 | .1020648 | .1089966 | 1866.692 | 3.272971 | 1.325241 |
| #3 | 4.997727 | .1016017 | .1085738 | 1842.553 | 3.268877 | 1.325827 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9828428 | 280.9158 | 6.051857 | 463.2991 | F 5.716769 | .1130040 |
| Stddev | .0054090 | 1.1669   | .017800  | 1.6093   | .009555    | .0006869 |
| %RSD   | .5503467 | .4153862 | .2941253 | .3473471 | .1671362   | .6078279 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9890886 | 281.2472 | 6.063806 | 463.2428 | 5.710916 | .1137224 |
| #2 | .9797501 | 281.8812 | 6.060366 | 464.9358 | 5.727794 | .1123537 |
| #3 | .9796898 | 279.6191 | 6.031400 | 461.7188 | 5.711594 | .1129359 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 15.93877 | 1.671060 | 1.528003 | 8.455568 | F 10.19289 | .3563346 |
| Stddev | .34005   | .006920  | .003206  | .035166  | .01478     | .0030103 |
| %RSD   | 2.133492 | .4141268 | .2098008 | .4158873 | .1450223   | .8447934 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.09669 | 1.663613 | 1.530381 | 8.457070 | 10.20944 | .3591197 |
| #2 | 16.17116 | 1.672275 | 1.524357 | 8.489959 | 10.18101 | .3567431 |
| #3 | 15.54848 | 1.677293 | 1.529270 | 8.419676 | 10.18822 | .3531409 |

Sample Name: P4499-22      Acquired: 11/01/2024 1:21:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042256 | 34.13084 | 8.455810 | .0257914 | 5.527479 | .0989647 |
| Stddev | .0007986 | .04497   | .055824  | .0003581 | .015827  | .0023267 |
| %RSD   | 18.89986 | .1317714 | .6601890 | 1.388528 | .2863335 | 2.350999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0033034 | 34.17269 | 8.430158 | .0257678 | 5.532873 | .1001472 |
| #2 | .0046928 | 34.13655 | 8.519849 | .0254456 | 5.539904 | .1004627 |
| #3 | .0046805 | 34.08329 | 8.417421 | .0261607 | 5.509660 | .0962843 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 11.16406 |
| Stddev | .07632   |
| %RSD   | .6835788 |

|    |          |
|----|----------|
| #1 | 11.15380 |
| #2 | 11.24499 |
| #3 | 11.09340 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 854.4843 | 21575.74 | 2652.352 | 718.0438 | 1333.372 |
| Stddev    | 1.8247   | 78.74    | 14.721   | 1.6377   | 2.426    |
| %RSD      | .2135438 | .3649672 | .5550113 | .2280749 | .1819397 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 852.8504 | 21485.70 | 2653.450 | 716.1832 | 1332.090 |
| #2 | 856.4534 | 21631.74 | 2637.113 | 719.2668 | 1331.856 |
| #3 | 854.1493 | 21609.79 | 2666.493 | 718.6814 | 1336.170 |

Sample Name: P4499-20LX5      Acquired: 11/01/2024 1:25:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.015900 | -.010453 | .0373629 | -.000509 | -.005871 | 23.24419 | .1476133 |
| Stddev | .006106  | .001673  | .0032609 | .008858  | .001803  | .13536   | .0011145 |
| %RSD   | 38.39997 | 16.00322 | 8.727550 | 1740.705 | 30.71492 | .5823381 | .7550131 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.011501 | -.012292 | .0349174 | -.002981 | -.005137 | 23.22830 | .1475724 |
| #2 | -.013329 | -.010045 | .0410652 | .009323  | -.007926 | 23.38679 | .1487477 |
| #3 | -.022871 | -.009022 | .0361062 | -.007869 | -.004551 | 23.11748 | .1465198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020785 | .0018005 | 281.2853 | 1.280314 | .1167459 | .0639274 | 89.40410 |
| Stddev | .0001675 | .0001788 | 2.1569   | .089834  | .0010884 | .0056336 | .34705   |
| %RSD   | 8.058293 | 9.932188 | .7668093 | 7.016541 | .9322491 | 8.812460 | .3881868 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020245 | .0018801 | 281.2110 | 1.182552 | .1163190 | .0704317 | 89.28883 |
| #2 | .0022663 | .0019257 | 283.4785 | 1.359229 | .1179830 | .0607661 | 89.79413 |
| #3 | .0019446 | .0015957 | 279.1666 | 1.299161 | .1159357 | .0605845 | 89.12935 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.408247 | 187.0603 | 1.962125 | .0025717 | 3.095112 | .1630239 | .1223297 |
| Stddev | .002959  | 1.0816   | .028825  | .0057481 | .094467  | .0170478 | .0094628 |
| %RSD   | .2100933 | .5782155 | 1.469083 | 223.5187 | 3.052140 | 10.45722 | 7.735451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.407399 | 186.6083 | 1.937638 | -.003911 | 2.997682 | .1438816 | .1125891 |
| #2 | 1.411537 | 188.2946 | 1.993892 | .007047  | 3.101348 | .1686194 | .1314877 |
| #3 | 1.405805 | 186.2780 | 1.954844 | .004578  | 3.186308 | .1765707 | .1229122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.070304 | 1.670318 | .1071359 | .0000025 | 6.619301 | 1.106765 | .0036166 |
| Stddev | .096245  | .017917  | .0023211 | .0005265 | .112263  | .021237  | .0017447 |
| %RSD   | 8.992260 | 1.072676 | 2.166472 | 20976.28 | 1.696002 | 1.918863 | 48.24106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.043080 | 1.659092 | .1098131 | .0003105 | 6.537033 | 1.086023 | .0019363 |
| #2 | 1.177229 | 1.690981 | .1056884 | .0003024 | 6.747194 | 1.128465 | .0034943 |
| #3 | .990605  | 1.660881 | .1059062 | -.000605 | 6.573676 | 1.105806 | .0054192 |

Sample Name: P4499-20LX5      Acquired: 11/01/2024 1:25:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCN0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.519881 | .0281235 | 1.650165 |
| Stddev | .011252  | .0015992 | .009451  |
| %RSD   | .7403039 | 5.686206 | .5727192 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.526241 | .0287455 | 1.645569 |
| #2 | 1.526512 | .0293181 | 1.661035 |
| #3 | 1.506889 | .0263068 | 1.643892 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 889.8937 | 22020.58 | 2548.226 | 767.2747 | 1588.600 |
| Stddev    | 11.9673  | 1271.71  | 20.642   | 42.0507  | 20.731   |
| %RSD      | 1.344805 | 5.775118 | .8100424 | 5.480531 | 1.305008 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 896.0739 | 23406.92 | 2541.508 | 812.1751 | 1602.336 |
| #2 | 876.0999 | 20908.14 | 2531.779 | 728.8174 | 1564.753 |
| #3 | 897.5075 | 21746.67 | 2571.389 | 760.8317 | 1598.710 |

Sample Name: PB164536BL      Acquired: 11/01/2024 1:30:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS536      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033910 | -.000970 | .0008027 | -.001954 | -.004027 | .0191538 | -.001004 |
| Stddev | .0076027 | .000176  | .0023730 | .006579  | .000577  | .0157135 | .000677  |
| %RSD   | 224.2016 | 18.10090 | 295.6345 | 336.7522 | 14.32022 | 82.03859 | 67.43860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004428 | -.000938 | .0005952 | -.005711 | -.003680 | .0133492 | -.000254 |
| #2 | .003844  | -.000813 | .0032725 | -.005794 | -.003708 | .0369437 | -.001569 |
| #3 | .010757  | -.001159 | -.001460 | .005643  | -.004692 | .0071683 | -.001189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001827 | -.000050 | .0288430 | .0010362 | -.000004 | -.003712 | .0230636 |
| Stddev | .0001123 | .000188  | .0215672 | .0010773 | .000486  | .003928  | .0096293 |
| %RSD   | 61.43978 | 378.2363 | 74.77433 | 103.9743 | 12737.49 | 105.8072 | 41.75106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001240 | .000152  | .0528872 | .0015877 | .000385  | -.001848 | .0259072 |
| #2 | .0003122 | -.000079 | .0112039 | .0017261 | .000152  | -.001064 | .0309509 |
| #3 | .0001120 | -.000222 | .0224381 | -.000205 | -.000549 | -.008225 | .0123327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014025 | -.126416 | .0004926 | -.002662 | .5817077 | -.016918 | .0000078 |
| Stddev | .0006469 | .064458  | .0000731 | .000579  | .1020623 | .009812  | .0006386 |
| %RSD   | 46.12714 | 50.98875 | 14.83200 | 21.74782 | 17.54529 | 57.99746 | 8176.553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013363 | -.185137 | .0004372 | -.002308 | .6447810 | -.021066 | -.000701 |
| #2 | .0020800 | -.057449 | .0005754 | -.003330 | .6363862 | -.023974 | .000537  |
| #3 | .0007912 | -.136662 | .0004652 | -.002347 | .4639560 | -.005713 | .000188  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.434431 | -.002814 | .0001157 | .0000385 | -.019017 | .0003117 | .0003999 |
| Stddev | .067103  | .001424  | .0000257 | .0002836 | .008525  | .0005147 | .0023125 |
| %RSD   | 15.44629 | 50.62541 | 22.16707 | 736.9947 | 44.82733 | 165.1106 | 578.2478 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.434319 | -.001175 | .0001357 | .0002983 | -.009993 | .0008772 | .0007020 |
| #2 | -.501590 | -.003514 | .0001247 | -.000264 | -.020125 | .0001873 | -.002049 |
| #3 | -.367383 | -.003752 | .0000868 | .000081  | -.026935 | -.000129 | .002547  |

Sample Name: PB164536BL      Acquired: 11/01/2024 1:30:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS536      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007386 | .0081915 | .0000666 |
| Stddev | .0014499 | .0023610 | .0001021 |
| %RSD   | 196.2966 | 28.82198 | 153.1664 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0021364 | .0055229 | .0001703 |
| #2 | -.000758 | .0090432 | .0000633 |
| #3 | .000838  | .0100084 | -.000034 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 956.7112 | 22442.81 | 2574.038 | 804.2063 | 1866.130 |
| Stddev    | 8.7249   | 16.70    | 6.884    | 2.2367   | 17.145   |
| %RSD      | .9119663 | .0743995 | .2674220 | .2781270 | .9187385 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 966.7416 | 22446.54 | 2581.886 | 803.7213 | 1885.720 |
| #2 | 950.8794 | 22457.33 | 2569.021 | 802.2518 | 1853.861 |
| #3 | 952.5125 | 22424.56 | 2571.207 | 806.6457 | 1858.808 |

Sample Name: PB164536BS      Acquired: 11/01/2024 1:34:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS536      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0191434 | .0550363 | .0229083 | .0656230 | .1152947 | .4175874 |
| Stddev | .0026396 | .0016058 | .0005857 | .0027858 | .0036839 | .0074621 |
| %RSD   | 13.78843 | 2.917699 | 2.556858 | 4.245126 | 3.195211 | 1.786959 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0170365 | .0542154 | .0230042 | .0636140 | .1126292 | .4144487 |
| #2 | .0221042 | .0540069 | .0234401 | .0644519 | .1194984 | .4261061 |
| #3 | .0182895 | .0568866 | .0222805 | .0688032 | .1137564 | .4122073 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4415867 | .0117890 | .0107460 | 11.50110 | .0240522 | .1029197 |
| Stddev | .0018384 | .0000626 | .0003057 | .10023   | .0012546 | .0006040 |
| %RSD   | .4163260 | .5312450 | 2.844857 | .8715201 | 5.216235 | .5868460 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4413700 | .0117826 | .0108211 | 11.42899 | .0228888 | .1025704 |
| #2 | .4398662 | .0118546 | .0110071 | 11.61556 | .0238863 | .1036172 |
| #3 | .4435238 | .0117298 | .0104097 | 11.45876 | .0253816 | .1025717 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472837 | .2517660 | .0320335 | 10.84460 | .0869418 | .0207652 |
| Stddev | .0047740 | .0286096 | .0011295 | .02231   | .0007963 | .0003474 |
| %RSD   | 10.09645 | 11.36356 | 3.525881 | .2057019 | .9158559 | 1.673133 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0464015 | .2345159 | .0312585 | 10.86395 | .0867688 | .0207840 |
| #2 | .0430123 | .2359917 | .0315126 | 10.82020 | .0878104 | .0204088 |
| #3 | .0524372 | .2847905 | .0333294 | 10.84964 | .0862463 | .0211029 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.26467 | .1038264 | .1183533 | 9.862517 | .0223497 | F .0017661 |
| Stddev | .19203   | .0148140 | .0008480 | .146751  | .0037430 | .0019226   |
| %RSD   | 1.704673 | 14.26804 | .7164735 | 1.487972 | 16.74730 | 108.8615   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.30672 | .1025733 | .1191237 | 10.02936 | .0185119 | .0004634 |
| #2 | 11.05510 | .1192271 | .1184915 | 9.75344  | .0259900 | .0008606 |
| #3 | 11.43219 | .0896788 | .1174447 | 9.80475  | .0225472 | .0039742 |



Sample Name: PB164536BS      Acquired: 11/01/2024 1:34:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS536      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |            |
|--------|------------|----------|------------|----------|----------|------------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | F .0199888 | .1612463 | F .4747393 | .0143610 | .2147708 | F .0396825 |
| Stddev | .0006396   | .0030602 | .0022282   | .0004747 | .0019768 | .0015629   |
| %RSD   | 3.199736   | 1.897863 | .4693518   | 3.305384 | .9204274 | 3.938434   |
| #1     | .0193130   | .1590217 | .4731359   | .0149044 | .2130117 | .0414868   |
| #2     | .0205847   | .1647363 | .4772836   | .0140274 | .2169101 | .0388060   |
| #3     | .0200685   | .1599810 | .4737985   | .0141511 | .2143905 | .0387545   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2187797 |
| Stddev | .0003874 |
| %RSD   | .1770481 |
| #1     | .2184748 |
| #2     | .2192155 |
| #3     | .2186487 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.7215 | 22365.20 | 2572.407 | 793.9035 | 1809.921 |
| Stddev    | 4.1500   | 48.44    | 5.848    | 1.0516   | 10.412   |
| %RSD      | .4365131 | .2165955 | .2273314 | .1324638 | .5752806 |
| #1        | 947.5065 | 22324.62 | 2576.692 | 794.1881 | 1805.942 |
| #2        | 949.2515 | 22418.83 | 2565.745 | 794.7836 | 1802.086 |
| #3        | 955.4064 | 22352.16 | 2574.785 | 792.7389 | 1821.737 |

Sample Name: P4498-01      Acquired: 11/01/2024 1:39:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.041189 | -.063023 | .0912858 | -.008910 | .0051211 | 143.6895 | .3447451 |
| Stddev | .003543  | .000471  | .0031683 | .007533  | .0023133 | .4209    | .0018187 |
| %RSD   | 8.600898 | .7474304 | 3.470751 | 84.53859 | 45.17258 | .2929397 | .5275370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.045089 | -.063175 | .0940220 | -.016783 | .0057453 | 143.2040 | .3435239 |
| #2 | -.040307 | -.062494 | .0920210 | -.008176 | .0025597 | 143.9522 | .3468352 |
| #3 | -.038170 | -.063399 | .0878146 | -.001772 | .0070583 | 143.9123 | .3438762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102301 | .0139766 | 677.9405 | 1.576112 | .2844840 | .4009368 | 394.7645 |
| Stddev | .0003465 | .0000279 | 2.4059   | .003290  | .0018230 | .0018768 | 1.7304   |
| %RSD   | 3.387555 | .1995002 | .3548809 | .2087677 | .6408235 | .4681003 | .4383301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0099936 | .0139949 | 675.1804 | 1.576218 | .2850271 | .3988660 | 392.7793 |
| #2 | .0106279 | .0139445 | 679.5941 | 1.572771 | .2824511 | .4025255 | 395.9528 |
| #3 | .0100689 | .0139904 | 679.0469 | 1.579349 | .2859738 | .4014189 | 395.5615 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.095527 | 202.8419 | 1.676618 | -.022266 | 18.69504 | 1.104727 | .5879953 |
| Stddev | .020210  | .7981    | .007850  | .000909  | .46980   | .010361  | .0033352 |
| %RSD   | .3966226 | .3934485 | .4682039 | 4.080788 | 2.512978 | .9378411 | .5672116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.081163 | 201.9476 | 1.683219 | -.022189 | 18.15269 | 1.093195 | .5847059 |
| #2 | 5.118637 | 203.0968 | 1.667938 | -.023211 | 18.95600 | 1.107736 | .5913744 |
| #3 | 5.086781 | 203.4815 | 1.678696 | -.021398 | 18.97644 | 1.113250 | .5879055 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.07617 | 8.311934 | .4477264 | .0049779 | 11.99156 | 3.505572 | .0088874 |
| Stddev | .08740   | .040891  | .0030034 | .0004233 | .08623   | .019911  | .0061930 |
| %RSD   | .7891141 | .4919557 | .6708212 | 8.503963 | .7191219 | .5679699 | 69.68329 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.16497 | 8.334261 | .4442788 | .0045187 | 12.06624 | 3.514829 | .0032398 |
| #2 | 11.07330 | 8.264740 | .4491243 | .0053526 | 11.89718 | 3.519169 | .0079122 |
| #3 | 10.99023 | 8.336801 | .4497761 | .0050623 | 12.01127 | 3.482718 | .0155101 |

Sample Name: P4498-01      Acquired: 11/01/2024 1:39:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD1      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.217413 | .2380043 | 1.089073 |
| Stddev | .015224  | .0028772 | .002823  |
| %RSD   | .2917892 | 1.208869 | .2592548 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.199966 | .2349089 | 1.085813 |
| #2 | 5.224277 | .2405970 | 1.090678 |
| #3 | 5.227997 | .2385068 | 1.090729 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 952.3586 | 23515.83 | 2861.763 | 789.3882 | 1487.141 |
| Stddev    | .5597    | 85.24    | 6.058    | 2.3041   | 4.396    |
| %RSD      | .0587699 | .3624732 | .2116799 | .2918850 | .2955788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 952.7430 | 23533.37 | 2861.700 | 791.9409 | 1483.445 |
| #2 | 951.7164 | 23590.93 | 2855.736 | 788.7612 | 1492.002 |
| #3 | 952.6163 | 23423.19 | 2867.851 | 787.4625 | 1485.975 |

Sample Name: CCV014      Acquired: 11/01/2024 1:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV014      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.035878 | 4.838188 | 24.57006 | 4.855793 | 4.929263 | 406.1848 | 10.38692 |
| Stddev | .021435  | .011333  | .06014   | .025239  | .013276  | 19.5769  | .49773   |
| %RSD   | .4256460 | .2342481 | .2447828 | .5197615 | .2693328 | 4.819692 | 4.791874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.011128 | 4.835686 | 24.54766 | 4.853145 | 4.929129 | 413.3060 | 10.56938 |
| #2 | 5.048419 | 4.828315 | 24.52433 | 4.831982 | 4.916055 | 384.0441 | 9.82371  |
| #3 | 5.048087 | 4.850563 | 24.63819 | 4.882250 | 4.942606 | 421.2043 | 10.76767 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5122721 | 2.464597 | 401.0672 | 15.41625 | 2.502663 | 14.93756 | 398.3157 |
| Stddev | .0213868 | .006078  | 19.0110  | .01010   | .005144  | .72356   | 18.7993  |
| %RSD   | 4.174888 | .2466175 | 4.740102 | .0655113 | .2055280 | 4.843917 | 4.719698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5193801 | 2.461735 | 408.1984 | 15.40465 | 2.500190 | 15.19268 | 405.0037 |
| #2 | .4882364 | 2.460478 | 379.5216 | 15.42100 | 2.499223 | 14.12100 | 377.0869 |
| #3 | .5291999 | 2.471578 | 415.4815 | 15.42310 | 2.508576 | 15.49901 | 412.8565 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.39411 | 391.9718 | 2.481279 | 1.289783 | 411.2078 | 2.442442 | 14.72895 |
| Stddev | .69169   | 18.7733  | .002067  | .001598  | 19.6757  | .119765  | .04886   |
| %RSD   | 4.805376 | 4.789447 | .0833026 | .1238738 | 4.784858 | 4.903506 | .3317488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.62337 | 399.6249 | 2.479516 | 1.288381 | 419.1372 | 2.490734 | 14.68766 |
| #2 | 13.61689 | 370.5808 | 2.480767 | 1.291523 | 388.8046 | 2.306070 | 14.78290 |
| #3 | 14.94206 | 405.7096 | 2.483554 | 1.289445 | 425.6816 | 2.530521 | 14.71629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.1342 | 5.057728 | 5.162365 | 4.848971 | 5.097700 | 4.991442 | 4.965941 |
| Stddev | 7.3501   | .027900  | .219797  | .003209  | .013860  | .218491  | .018772  |
| %RSD   | 4.737881 | .5516370 | 4.257677 | .0661887 | .2718936 | 4.377309 | .3780184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.8483 | 5.076084 | 5.210285 | 4.852556 | 5.081967 | 5.058242 | 4.948697 |
| #2 | 146.8130 | 5.025622 | 4.922561 | 4.847990 | 5.108109 | 4.747348 | 4.963188 |
| #3 | 160.7412 | 5.071479 | 5.354248 | 4.846366 | 5.103023 | 5.168734 | 4.985938 |

Sample Name: CCV014      Acquired: 11/01/2024 1:43:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV014      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.955275 | 5.256570 | 5.104275 |
| Stddev | .239608  | .250154  | .242776  |
| %RSD   | 4.835420 | 4.758890 | 4.756333 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.050242 | 5.356331 | 5.185678 |
| #2 | 4.682740 | 4.971928 | 4.831258 |
| #3 | 5.132843 | 5.441451 | 5.295889 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.6912 | 20382.08 | 2477.945 | 619.9562 | 1415.469 |
| Stddev    | 1.5580   | 42.96    | 103.960  | 2.3526   | 3.359    |
| %RSD      | .2008532 | .2107918 | 4.195418 | .3794797 | .2373347 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 774.0471 | 20416.36 | 2442.807 | 622.2517 | 1415.327 |
| #2 | 777.1458 | 20333.88 | 2594.920 | 617.5503 | 1418.897 |
| #3 | 775.8806 | 20396.01 | 2396.106 | 620.0668 | 1412.183 |

Sample Name: CCB014      Acquired: 11/01/2024 1:47:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB014      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000077 | .0037984 | .0008331 | -.004176 | -.002471 | .0268358 | -.000637 |
| Stddev | .000685  | .0033792 | .0008868 | .003707  | .001282  | .0128671 | .000972  |
| %RSD   | 885.5759 | 88.96518 | 106.4359 | 88.76888 | 51.89399 | 47.94760 | 152.5278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000865 | .0015689 | .0012061 | -.001978 | -.002166 | .0339896 | -.001655 |
| #2 | .000375  | .0076864 | -.000179 | -.008456 | -.003878 | .0345363 | -.000536 |
| #3 | .000258  | .0021398 | .001473  | -.002094 | -.001368 | .0119815 | .000280  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000029 | .0001701 | .0306405 | .0000984 | -.000099 | .0019223 | .0570603 |
| Stddev | .000166  | .0001392 | .0215421 | .0009428 | .000270  | .0012233 | .0152494 |
| %RSD   | 577.2904 | 81.81569 | 70.30595 | 958.3443 | 272.8173 | 63.63601 | 26.72514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000019  | .0003259 | .0242155 | -.000694 | -.000014 | .0033083 | .0437088 |
| #2 | .000108  | .0000579 | .0130420 | -.000151 | -.000402 | .0014647 | .0537936 |
| #3 | -.000214 | .0001265 | .0546642 | .001141  | .000118  | .0009938 | .0736783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015451 | -.002211 | .0000296 | -.003715 | .4386880 | -.012707 | .0003764 |
| Stddev | .0008213 | .039446  | .0002144 | .000943  | .1424817 | .004105  | .0004676 |
| %RSD   | 53.15325 | 1783.822 | 725.4935 | 25.38138 | 32.47905 | 32.30404 | 124.2541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024722 | -.047717 | -.000046 | -.004433 | .4988717 | -.017397 | .0009059 |
| #2 | .0012544 | .022260  | .000271  | -.002647 | .2759897 | -.009770 | .0000201 |
| #3 | .0009087 | .018823  | -.000137 | -.004063 | .5412027 | -.010954 | .0002030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.373642 | .0004379 | .0062820 | .0005920 | -.024244 | -.000081 | .0017396 |
| Stddev | .150066  | .0043812 | .0007406 | .0002385 | .001551  | .000336  | .0007336 |
| %RSD   | 40.16314 | 1000.561 | 11.78894 | 40.28523 | 6.397378 | 413.3718 | 42.17210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.533469 | -.001282 | .0069698 | .0008218 | -.025982 | .000282  | .0025824 |
| #2 | -.235751 | .005418  | .0063784 | .0006083 | -.023748 | -.000381 | .0013930 |
| #3 | -.351706 | -.002822 | .0054980 | .0003457 | -.023002 | -.000144 | .0012436 |

Sample Name: CCB014      Acquired: 11/01/2024 1:47:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB014      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000354 | .0111457 | .0002914 |
| Stddev | .000762  | .0009303 | .0000657 |
| %RSD   | 215.5178 | 8.346556 | 22.54901 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001149 | .0120473 | .0003374 |
| #2 | .000371  | .0101891 | .0002161 |
| #3 | -.000284 | .0112007 | .0003206 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 951.7172 | 22403.60 | 2562.498 | 796.2594 | 1850.852 |
| Stddev    | 1.2295   | 256.09   | 7.532    | 9.1039   | 1.060    |
| %RSD      | .1291853 | 1.143085 | .2939151 | 1.143331 | .0572669 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 953.1315 | 22679.61 | 2567.768 | 806.0190 | 1851.304 |
| #2 | 950.9027 | 22173.69 | 2553.871 | 787.9968 | 1849.641 |
| #3 | 951.1175 | 22357.50 | 2565.854 | 794.7623 | 1851.610 |

Sample Name: P4498-02      Acquired: 11/01/2024 1:52:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.034459 | -.067022 | .0952801 | -.008087 | .0088678 | 147.3327 |
| Stddev | .015812  | .005166  | .0054229 | .009004  | .0069437 | 9.9246   |
| %RSD   | 45.88778 | 7.707509 | 5.691566 | 111.3408 | 78.30286 | 6.736213 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.029114 | -.067381 | .0994679 | .002304  | .0050478 | 140.6646 |
| #2 | -.052251 | -.061686 | .0972181 | -.013580 | .0168828 | 158.7383 |
| #3 | -.022011 | -.071999 | .0891545 | -.012986 | .0046727 | 142.5951 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7253485 | .0097234 | .0159643 | F 1404.465 | 2.959516 | .3560235 |
| Stddev | .0486876 | .0003580 | .0014069 | 21.354     | .202062  | .0010995 |
| %RSD   | 6.712311 | 3.681462 | 8.812599 | 1.520428   | 6.827548 | .3088304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6953066 | .0093350 | .0168411 | 1379.983 | 3.027487 | .3555092 |
| #2 | .7815228 | .0100400 | .0143416 | 1414.158 | 2.732232 | .3572859 |
| #3 | .6992160 | .0097953 | .0167103 | 1419.253 | 3.118829 | .3552754 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3683661 | 406.3498 | 5.667424 | 361.0387 | 4.194417 | -.009895 |
| Stddev | .0253576 | 27.5382  | .376844  | 24.2980  | .016049  | .009569  |
| %RSD   | 6.883809 | 6.776959 | 6.649301 | 6.730018 | .3826233 | 96.71086 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3491344 | 386.7339 | 5.421438 | 344.3556 | 4.184119 | -.005944 |
| #2 | .3971030 | 437.8318 | 6.101271 | 388.9161 | 4.186223 | -.020807 |
| #3 | .3588609 | 394.4837 | 5.479564 | 349.8444 | 4.212909 | -.002933 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 29.47891 | 1.222777 | .4918623 | 13.87985 | 6.066230 | .5271644 |
| Stddev | 1.82868  | .086751  | .0333821 | 1.12362  | .011318  | .0382997 |
| %RSD   | 6.203342 | 7.094563 | 6.786872 | 8.095332 | .1865703 | 7.265230 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.17677 | 1.167360 | .5065643 | 13.18229 | 6.062687 | .4998688 |
| #2 | 31.56956 | 1.322752 | .4536528 | 15.17603 | 6.057108 | .5709466 |
| #3 | 28.69040 | 1.178219 | .5153699 | 13.28121 | 6.078896 | .5106779 |



Sample Name: P4498-02      Acquired: 11/01/2024 1:52:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047398 | 90.13963 | 4.747903 | .0077853 | 7.392483 | .1641723 |
| Stddev | .0004582 | .23519   | .234813  | .0017660 | .497164  | .0116529 |
| %RSD   | 9.665979 | .2609203 | 4.945618 | 22.68432 | 6.725267 | 7.097984 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0042292 | 90.16500 | 4.535652 | .0095953 | 7.059680 | .1573993 |
| #2 | .0048755 | 89.89279 | 5.000143 | .0060668 | 7.963981 | .1776278 |
| #3 | .0051148 | 90.36111 | 4.707914 | .0076937 | 7.153786 | .1574897 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.204516 |
| Stddev | .216579  |
| %RSD   | 6.758569 |

|    |          |
|----|----------|
| #1 | 3.067887 |
| #2 | 3.454231 |
| #3 | 3.091430 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 882.5190 | 22849.40 | 2659.010 | 758.8335 | 1374.218 |
| Stddev    | 2.0522   | 1324.00  | 149.817  | 46.8311  | 2.471    |
| %RSD      | .2325414 | 5.794455 | 5.634308 | 6.171460 | .1798334 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 881.8256 | 22322.20 | 2770.677 | 737.0604 | 1375.739 |
| #2 | 880.9032 | 24355.78 | 2488.752 | 812.5873 | 1375.548 |
| #3 | 884.8280 | 21870.22 | 2717.602 | 726.8528 | 1371.366 |

Sample Name: P4498-03      Acquired: 11/01/2024 1:56:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.131126 | -.055598 | .0934996 | -.019659 | -.000880 | 73.70695 |
| Stddev | .009953  | .002756  | .0022805 | .012248  | .003597  | .03351   |
| %RSD   | 7.590571 | 4.957269 | 2.439066 | 62.30368 | 408.6250 | .0454639 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.137492 | -.058759 | .0911708 | -.015861 | -.002679 | 73.67573 |
| #2 | -.136230 | -.053702 | .0935993 | -.033356 | -.003223 | 73.70277 |
| #3 | -.119656 | -.054331 | .0957285 | -.009759 | .003261  | 73.74236 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4362930 | .0054689 | .0177513 | F 859.1118 | 9.793318 | .9384007 |
| Stddev | .0020536 | .0003637 | .0002330 | 1.5115     | .008492  | .0015996 |
| %RSD   | .4706949 | 6.650638 | 1.312580 | .1759387   | .0867105 | .1704627 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4339555 | .0052392 | .0177409 | 860.3948 | 9.785189 | .9370774 |
| #2 | .4371168 | .0058883 | .0179894 | 857.4455 | 9.802131 | .9379464 |
| #3 | .4378069 | .0052793 | .0175238 | 859.4950 | 9.792634 | .9401783 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .2581845 | 409.1422 | 7.864809 | F 1671.235 | F 15.96930 | -.003638 |
| Stddev | .0005872 | 1.1481   | .025431  | 4.687      | .01799     | .000434  |
| %RSD   | .2274323 | .2806035 | .3233578 | .2804514   | .1126253   | 11.92787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2578682 | 410.3492 | 7.857976 | 1675.786 | 15.98326 | -.003802 |
| #2 | .2588620 | 408.0639 | 7.843492 | 1666.423 | 15.94901 | -.003146 |
| #3 | .2578232 | 409.0134 | 7.892959 | 1671.495 | 15.97564 | -.003966 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.123047 | .4909530 | .5497645 | 3.886662 | F 10.90509 | .4386942 |
| Stddev | .287447  | .0114438 | .0051269 | .106572  | .01258     | .0020048 |
| %RSD   | 6.971711 | 2.330926 | .9325623 | 2.741988 | .1153886   | .4569927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.854687 | .4830849 | .5528113 | 3.881135 | 10.89138 | .4410045 |
| #2 | 4.088073 | .4856932 | .5526370 | 3.782962 | 10.90781 | .4376666 |
| #3 | 4.426381 | .5040811 | .5438454 | 3.995890 | 10.91610 | .4374115 |

Sample Name: P4498-03      Acquired: 11/01/2024 1:56:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009532 | 3.994398 | 3.805635 | .0062583 | 1.730177 | .0388982 |
| Stddev | .0010093 | .006416  | .010182  | .0029130 | .007354  | .0034284 |
| %RSD   | 105.8848 | .1606242 | .2675555 | 46.54521 | .4250471 | 8.813726 |
| #1     | .0019154 | 3.995798 | 3.803298 | .0039629 | 1.738669 | .0367404 |
| #2     | .0010415 | 3.999999 | 3.796824 | .0052768 | 1.726025 | .0371027 |
| #3     | -.000097 | 3.987398 | 3.816782 | .0095353 | 1.725839 | .0428514 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8839357 |
| Stddev | .0011845 |
| %RSD   | .1340062 |
| #1     | .8846404 |
| #2     | .8825681 |
| #3     | .8845985 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 771.1476 | 20132.71 | 2478.501 | 630.2855 | 1353.912 |
| Stddev    | 1.4336   | 34.14    | 10.633   | 6.3871   | 1.344    |
| %RSD      | .1859088 | .1695726 | .4289931 | 1.013366 | .0992536 |
| #1        | 770.4243 | 20099.76 | 2473.398 | 627.1483 | 1353.027 |
| #2        | 772.7987 | 20130.44 | 2490.723 | 626.0737 | 1355.458 |
| #3        | 770.2196 | 20167.92 | 2471.382 | 637.6346 | 1353.250 |

Sample Name: P4498-04      Acquired: 11/01/2024 2:01:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.025199 | -.065530 | 1.080593 | -.016175 | .0054323 | 138.9146 |
| Stddev | .011176  | .001453  | .002821  | .006806  | .0034909 | .2519    |
| %RSD   | 44.35165 | 2.217074 | .2610896 | 42.07944 | 64.26161 | .1813602 |
| #1     | -.018650 | -.063924 | 1.078633 | -.010239 | .0087429 | 139.1446 |
| #2     | -.038104 | -.066753 | 1.079320 | -.023604 | .0057684 | 138.6454 |
| #3     | -.018844 | -.065914 | 1.083827 | -.014682 | .0017855 | 138.9537 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.244779 | .0084395 | .0176942 | F 1349.344 | 3.785733 | .3818825 |
| Stddev | .002807  | .0001833 | .0002448 | 5.542      | .005026  | .0007177 |
| %RSD   | .2255157 | 2.172336 | 1.383423 | .4107094   | .1327721 | .1879278 |
| #1     | 1.247757 | .0083448 | .0178660 | 1353.894   | 3.791009 | .3827106 |
| #2     | 1.242181 | .0083229 | .0174139 | 1343.172   | 3.781000 | .3814959 |
| #3     | 1.244399 | .0086508 | .0178027 | 1350.967   | 3.785192 | .3814411 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3884433 | 375.9401 | 6.064724 | 428.4643 | F 5.227898 | -.005969 |
| Stddev | .0025304 | 1.0280   | .003806  | .8826    | .004609    | .000075  |
| %RSD   | .6514275 | .2734576 | .0627517 | .2059806 | .0881710   | 1.259958 |
| #1     | .3857106 | 377.0549 | 6.060477 | 429.0856 | 5.226673   | -.005971 |
| #2     | .3889141 | 375.0294 | 6.065870 | 427.4541 | 5.224025   | -.005893 |
| #3     | .3907053 | 375.7361 | 6.067825 | 428.8533 | 5.232997   | -.006043 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 6.789954 | .9387753 | 1.819394 | 18.94191 | F 12.83670 | .4254026 |
| Stddev | .110817  | .0026751 | .015009  | .01334   | .02951     | .0016974 |
| %RSD   | 1.632080 | .2849566 | .8249517 | .0704212 | .2298982   | .3990019 |
| #1     | 6.693272 | .9418463 | 1.836676 | 18.95261 | 12.84383   | .4268469 |
| #2     | 6.910889 | .9375280 | 1.809618 | 18.94615 | 12.80427   | .4258280 |
| #3     | 6.765700 | .9369517 | 1.811889 | 18.92696 | 12.86199   | .4235330 |

Sample Name: P4498-04      Acquired: 11/01/2024 2:01:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079297 | 9.761507 | 3.971840 | .0287401 | 5.492494 | .1454869 |
| Stddev | .0008614 | .014658  | .027333  | .0013499 | .008617  | .0021960 |
| %RSD   | 10.86254 | .1501564 | .6881582 | 4.696996 | .1568850 | 1.509423 |
| #1     | .0069362 | 9.770536 | 3.999612 | .0300004 | 5.498928 | .1442831 |
| #2     | .0083872 | 9.744595 | 3.944970 | .0289042 | 5.482704 | .1480216 |
| #3     | .0084659 | 9.769390 | 3.970937 | .0273156 | 5.495850 | .1441561 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.559290 |
| Stddev | .006573  |
| %RSD   | .2568236 |
| #1     | 2.564537 |
| #2     | 2.551918 |
| #3     | 2.561416 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 877.7460 | 22165.33 | 2719.575 | 727.1875 | 1378.750 |
| Stddev    | .9339    | 39.97    | 12.339   | 4.4526   | 1.327    |
| %RSD      | .1063948 | .1803162 | .4537019 | .6123050 | .0962602 |
| #1        | 876.6886 | 22141.12 | 2707.911 | 722.0559 | 1379.808 |
| #2        | 878.0918 | 22143.40 | 2732.493 | 730.0280 | 1379.180 |
| #3        | 878.4578 | 22211.46 | 2718.322 | 729.4787 | 1377.261 |

Sample Name: P4498-05      Acquired: 11/01/2024 2:05:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004525 | -.053447 | .4015271 | -.008802 | .0050833 | 122.8865 |
| Stddev | .008302  | .003972  | .0023635 | .010278  | .0014292 | .2894    |
| %RSD   | 183.4803 | 7.432031 | .5886206 | 116.7635 | 28.11578 | .2355208 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.011594 | -.053811 | .4024775 | -.001335 | .0035300 | 122.5526 |
| #2 | .004617  | -.057225 | .3988364 | -.020524 | .0063427 | 123.0660 |
| #3 | -.006596 | -.049305 | .4032675 | -.004547 | .0053772 | 123.0409 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6295758 | .0078154 | .0143141 | F 1199.559 | 2.791074 | .3221162 |
| Stddev | .0009705 | .0003126 | .0001174 | 8.977      | .010069  | .0009884 |
| %RSD   | .1541452 | 3.999951 | .8198429 | .7483961   | .3607532 | .3068356 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6287187 | .0075503 | .0144009 | 1189.522 | 2.788094 | .3215771 |
| #2 | .6306295 | .0077359 | .0143606 | 1206.822 | 2.782832 | .3232569 |
| #3 | .6293791 | .0081601 | .0141806 | 1202.334 | 2.802297 | .3215146 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3538029 | 341.4459 | 5.174973 | 317.2465 | 3.931258 | -.006137 |
| Stddev | .0036637 | .8148    | .007172  | .5587    | .009521  | .000398  |
| %RSD   | 1.035510 | .2386254 | .1385872 | .1761195 | .2421880 | 6.480410 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3495814 | 340.5054 | 5.166935 | 316.6116 | 3.920587 | -.006587 |
| #2 | .3556748 | 341.8949 | 5.177266 | 317.4647 | 3.934302 | -.005832 |
| #3 | .3561524 | 341.9375 | 5.180717 | 317.6632 | 3.938885 | -.005991 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.125225 | .8568143 | 1.419193 | 14.88601 | F 10.28690 | .3799505 |
| Stddev | .143159  | .0097567 | .007394  | .15205   | .04032     | .0026853 |
| %RSD   | 2.793229 | 1.138712 | .5210104 | 1.021405 | .3920016   | .7067612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.071206 | .8456383 | 1.416242 | 14.74768 | 10.24249 | .3773501 |
| #2 | 5.287534 | .8611720 | 1.427607 | 15.04881 | 10.29699 | .3797881 |
| #3 | 5.016934 | .8636327 | 1.413730 | 14.86153 | 10.32123 | .3827134 |

Sample Name: P4498-05      Acquired: 11/01/2024 2:05:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091383 | 6.549285 | 3.754595 | .0227038 | 4.875334 | .1438970 |
| Stddev | .0001174 | .010239  | .010747  | .0047061 | .006674  | .0034366 |
| %RSD   | 1.284303 | .1563419 | .2862363 | 20.72806 | .1368952 | 2.388271 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0090031 | 6.537955 | 3.745543 | .0281377 | 4.867659 | .1422620 |
| #2 | .0091972 | 6.552022 | 3.751769 | .0199467 | 4.879771 | .1415831 |
| #3 | .0092145 | 6.557878 | 3.766472 | .0200270 | 4.878573 | .1478459 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.473006 |
| Stddev | .004176  |
| %RSD   | .1688516 |

|    |          |
|----|----------|
| #1 | 2.468944 |
| #2 | 2.477287 |
| #3 | 2.472787 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.3158 | 22323.01 | 2735.096 | 741.0005 | 1415.833 |
| Stddev    | .6058    | 4.30     | 8.737    | 5.9438   | .324     |
| %RSD      | .0679634 | .0192708 | .3194255 | .8021355 | .0229135 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 890.6347 | 22325.78 | 2744.765 | 741.1319 | 1415.668 |
| #2 | 891.7943 | 22325.19 | 2727.769 | 734.9920 | 1416.207 |
| #3 | 891.5184 | 22318.05 | 2732.753 | 746.8775 | 1415.625 |

Sample Name: P4498-06      Acquired: 11/01/2024 2:10:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.065974 | -.074078 | .1054662 | -.009695 | .0038063 | 171.5407 |
| Stddev | .003988  | .003450  | .0018183 | .005756  | .0028016 | .2075    |
| %RSD   | 6.045385 | 4.657726 | 1.724081 | 59.37028 | 73.60337 | .1209766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.068338 | -.071488 | .1036390 | -.014888 | .0062196 | 171.6460 |
| #2 | -.068215 | -.072751 | .1072755 | -.010692 | .0044655 | 171.3017 |
| #3 | -.061369 | -.077995 | .1054841 | -.003506 | .0007340 | 171.6745 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7865033 | .0111148 | .0149727 | 528.0646 | 3.318378 | .4845997 |
| Stddev | .0012398 | .0004300 | .0000984 | 1.9410   | .003288  | .0010296 |
| %RSD   | .1576296 | 3.868583 | .6574307 | .3675662 | .0990976 | .2124558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7852988 | .0115413 | .0150861 | 526.8459 | 3.321703 | .4851839 |
| #2 | .7864355 | .0111216 | .0149096 | 527.0450 | 3.315128 | .4834110 |
| #3 | .7877755 | .0106814 | .0149224 | 530.3029 | 3.318302 | .4852043 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5041552 | 448.0263 | 6.115348 | 372.5328 | F 5.002060 | -.024518 |
| Stddev | .0018167 | 1.3680   | .008328  | 1.2722   | .006786    | .000906  |
| %RSD   | .3603365 | .3053497 | .1361893 | .3415123 | .1356579   | 3.696895 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5036552 | 447.8889 | 6.116734 | 371.7935 | 5.007145 | -.024869 |
| #2 | .5061695 | 446.7322 | 6.122897 | 371.8031 | 4.994355 | -.025196 |
| #3 | .5026409 | 449.4579 | 6.106414 | 374.0018 | 5.004681 | -.023488 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.37674 | 1.170697 | .5928103 | 15.61344 | 6.496156 | .4760755 |
| Stddev | .25503   | .011449  | .0055202 | .01126   | .013544  | .0027377 |
| %RSD   | 2.060589 | .9780011 | .9311945 | .0720980 | .2084985 | .5750544 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.61275 | 1.162099 | .5991638 | 15.60087 | 6.509130 | .4780019 |
| #2 | 12.10620 | 1.166299 | .5891887 | 15.62260 | 6.482106 | .4729416 |
| #3 | 12.41126 | 1.183694 | .5900785 | 15.61685 | 6.497231 | .4772829 |



Sample Name: P4498-06      Acquired: 11/01/2024 2:10:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039192 | F 118.2836 | 3.583699 | .0083537 | 7.224729 | .1820086 |
| Stddev | .0003985 | .2922      | .017061  | .0023795 | .008458  | .0019104 |
| %RSD   | 10.16810 | .2470328   | .4760794 | 28.48469 | .1170700 | 1.049642 |
| #1     | .0040659 | 118.3422   | 3.566415 | .0094763 | 7.227380 | .1803634 |
| #2     | .0042236 | 117.9666   | 3.600528 | .0056206 | 7.215263 | .1815585 |
| #3     | .0034682 | 118.5421   | 3.584155 | .0099644 | 7.231543 | .1841039 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.053845 |
| Stddev | .001137  |
| %RSD   | .1079021 |
| #1     | 1.055014 |
| #2     | 1.053777 |
| #3     | 1.052743 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 926.2966 | 23146.24 | 2813.150 | 770.3432 | 1469.575 |
| Stddev    | 2.7650   | 86.74    | 2.339    | 6.2195   | 3.454    |
| %RSD      | .2985046 | .3747641 | .0831553 | .8073634 | .2350645 |
| #1        | 926.0458 | 23098.12 | 2815.666 | 763.3875 | 1465.716 |
| #2        | 923.6654 | 23246.38 | 2811.041 | 775.3688 | 1470.631 |
| #3        | 929.1784 | 23094.22 | 2812.742 | 772.2733 | 1472.378 |

Sample Name: P4498-07      Acquired: 11/01/2024 2:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.084983 | -.078536 | .1131376 | -.016187 | .0074678 | 214.8254 |
| Stddev | .011029  | .001436  | .0050930 | .008006  | .0012574 | .5578    |
| %RSD   | 12.97840 | 1.828431 | 4.501571 | 49.45790 | 16.83712 | .2596589 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.076630 | -.077595 | .1185564 | -.009710 | .0087365 | 215.2657 |
| #2 | -.097485 | -.080189 | .1124070 | -.025137 | .0062221 | 214.1981 |
| #3 | -.080834 | -.077824 | .1084493 | -.013713 | .0074446 | 215.0124 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.534068 | .0116541 | .0160364 | 556.7845 | 4.749328 | .5832855 |
| Stddev | .004536  | .0001412 | .0003078 | 1.4584   | .005129  | .0013379 |
| %RSD   | .2956681 | 1.211571 | 1.919073 | .2619397 | .1079860 | .2293676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.539302 | .0117488 | .0160491 | 558.2657 | 4.755053 | .5847684 |
| #2 | 1.531271 | .0114918 | .0157224 | 555.3499 | 4.747775 | .5829190 |
| #3 | 1.531632 | .0117218 | .0163375 | 556.7380 | 4.745155 | .5821690 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4702440 | 476.5759 | 8.817844 | 441.7602 | F 7.014402 | -.025907 |
| Stddev | .0091178 | 1.3264   | .026178  | 1.0621   | .005673    | .000502  |
| %RSD   | 1.938959 | .2783224 | .2968788 | .2404148 | .0808778   | 1.937510 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4681818 | 478.0418 | 8.848045 | 442.9336 | 7.020769 | -.026320 |
| #2 | .4802163 | 475.4586 | 8.803865 | 441.4821 | 7.012553 | -.025348 |
| #3 | .4623339 | 476.2274 | 8.801624 | 440.8649 | 7.009884 | -.026052 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.61937 | 1.137162 | .5622483 | 22.18830 | 4.779574 | .5175699 |
| Stddev | .17845   | .008921  | .0043468 | .03933   | .018403  | .0025468 |
| %RSD   | 1.310287 | .7845010 | .7731122 | .1772515 | .3850395 | .4920634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.51757 | 1.127371 | .5662050 | 22.19279 | 4.800738 | .5146381 |
| #2 | 13.51511 | 1.139286 | .5575954 | 22.14692 | 4.767340 | .5188371 |
| #3 | 13.82542 | 1.144830 | .5629445 | 22.22519 | 4.770643 | .5192345 |

Sample Name: P4498-07      Acquired: 11/01/2024 2:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074591 | 84.16165 | 4.573164 | .0067502 | 10.31688 | .1394723 |
| Stddev | .0003882 | .22971   | .031045  | .0003523 | .01714   | .0009129 |
| %RSD   | 5.203904 | .2729408 | .6788458 | 5.218288 | .1660984 | .6545510 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0071383 | 84.42538 | 4.608502 | .0068019 | 10.33611 | .1398327 |
| #2 | .0073486 | 84.05435 | 4.550282 | .0070737 | 10.30321 | .1384342 |
| #3 | .0078906 | 84.00522 | 4.560708 | .0063750 | 10.31134 | .1401500 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.416676 |
| Stddev | .005166  |
| %RSD   | .3646845 |

|    |          |
|----|----------|
| #1 | 1.421658 |
| #2 | 1.411343 |
| #3 | 1.417027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.8711 | 23426.21 | 2844.781 | 768.5342 | 1461.952 |
| Stddev    | .4674    | 32.51    | 17.666   | 5.1402   | 1.376    |
| %RSD      | .0504772 | .1387603 | .6209964 | .6688356 | .0940876 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 925.4958 | 23422.69 | 2824.468 | 762.6898 | 1460.679 |
| #2 | 925.7228 | 23395.61 | 2856.558 | 772.3535 | 1461.766 |
| #3 | 926.3946 | 23460.34 | 2853.317 | 770.5592 | 1463.411 |

Sample Name: P4498-08      Acquired: 11/01/2024 2:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0477329 | -.048887 | .0636763 | -.017401 | .0043589 | 115.6891 |
| Stddev | .0010297 | .004305  | .0040376 | .009756  | .0018472 | .1651    |
| %RSD   | 2.157227 | 8.806262 | 6.340771 | 56.06881 | 42.37603 | .1427130 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0470864 | -.047326 | .0618928 | -.009467 | .0059585 | 115.8769 |
| #2 | .0489203 | -.045580 | .0682985 | -.028294 | .0047811 | 115.5668 |
| #3 | .0471920 | -.053755 | .0608376 | -.014440 | .0023373 | 115.6236 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7806671 | .0068256 | .0128847 | F 2542.175 | 1.955405 | .2349577 |
| Stddev | .0008690 | .0002546 | .0001925 | 10.215     | .001211  | .0008210 |
| %RSD   | .1113205 | 3.730660 | 1.494231 | .4018032   | .0619110 | .3494258 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7815540 | .0066918 | .0127292 | 2530.667 | 1.956050 | .2341477 |
| #2 | .7798171 | .0071193 | .0128247 | 2550.168 | 1.956156 | .2349362 |
| #3 | .7806303 | .0066658 | .0131000 | 2545.691 | 1.954009 | .2357892 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1845268 | 258.9681 | 3.911762 | 278.9975 | 2.815697 | .0191558 |
| Stddev | .0025172 | .2734    | .018409  | .0237    | .004806  | .0005172 |
| %RSD   | 1.364115 | .1055657 | .4705986 | .0085088 | .1706892 | 2.700118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1858915 | 259.2489 | 3.931542 | 278.9928 | 2.810369 | .0185741 |
| #2 | .1860670 | 258.9524 | 3.908614 | 278.9764 | 2.819706 | .0193296 |
| #3 | .1816221 | 258.7028 | 3.895130 | 279.0232 | 2.817015 | .0195638 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.940103 | .8125301 | .3815639 | 18.73219 | 5.111068 | .2859147 |
| Stddev | .233659  | .0020900 | .0003787 | .01786   | .015846  | .0025561 |
| %RSD   | 4.729842 | .2572189 | .0992438 | .0953464 | .3100423 | .8940099 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.209755 | .8101331 | .3813407 | 18.71235 | 5.092796 | .2847122 |
| #2 | 4.797369 | .8134858 | .3820011 | 18.74699 | 5.119370 | .2888503 |
| #3 | 4.813186 | .8139714 | .3813499 | 18.73724 | 5.121039 | .2841815 |

Sample Name: P4498-08      Acquired: 11/01/2024 2:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040210 | 5.476316 | 4.215131 | .0079117 | 2.892852 | .1243264 |
| Stddev | .0003323 | .018722  | .009126  | .0059976 | .011056  | .0019259 |
| %RSD   | 8.264496 | .3418652 | .2165114 | 75.80701 | .3821908 | 1.549031 |
| #1     | .0041201 | 5.497279 | 4.223983 | .0098505 | 2.905617 | .1224390 |
| #2     | .0042925 | 5.461261 | 4.215658 | .0011845 | 2.886644 | .1242517 |
| #3     | .0036504 | 5.470409 | 4.205753 | .0127001 | 2.886295 | .1262885 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.105809 |
| Stddev | .004001  |
| %RSD   | .1288118 |
| #1     | 3.109677 |
| #2     | 3.101688 |
| #3     | 3.106063 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 867.4791 | 21581.33 | 2702.077 | 723.4125 | 1298.562 |
| Stddev    | .4380    | 38.22    | 3.366    | 1.3473   | 2.665    |
| %RSD      | .0504867 | .1770930 | .1245549 | .1862437 | .2052554 |
| #1        | 867.0096 | 21615.89 | 2703.104 | 722.0418 | 1301.242 |
| #2        | 867.8767 | 21540.28 | 2698.318 | 723.4606 | 1295.911 |
| #3        | 867.5510 | 21587.82 | 2704.809 | 724.7351 | 1298.533 |

Sample Name: P4498-09      Acquired: 11/01/2024 2:23:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096432 | -.059426 | .2264302 | -.016733 | .0036123 | 137.8313 |
| Stddev | .0073284 | .004755  | .0014404 | .002228  | .0032574 | .7194    |
| %RSD   | 75.99603 | 8.001613 | .6361339 | 13.31243 | 90.17351 | .5219521 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029252 | -.054854 | .2275585 | -.019266 | .0011107 | 137.0009 |
| #2 | .0174583 | -.064345 | .2269243 | -.015850 | .0024307 | 138.2271 |
| #3 | .0085460 | -.059080 | .2248078 | -.015082 | .0072956 | 138.2659 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7871272 | .0081478 | .0142268 | F 1722.270 | 3.404964 | .3062925 |
| Stddev | .0015998 | .0001991 | .0003921 | 15.788     | .003034  | .0007507 |
| %RSD   | .2032450 | 2.443239 | 2.756092 | .9166956   | .0891167 | .2450918 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7854278 | .0080830 | .0143837 | 1704.058 | 3.408019 | .3064388 |
| #2 | .7873497 | .0083712 | .0137806 | 1732.085 | 3.401950 | .3069593 |
| #3 | .7886041 | .0079892 | .0145162 | 1730.668 | 3.404922 | .3054795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3133640 | 328.2949 | 4.967883 | 297.1678 | 3.254898 | .0039451 |
| Stddev | .0045228 | 2.1222   | .015573  | 2.5394   | .002960  | .0006518 |
| %RSD   | 1.443306 | .6464454 | .3134713 | .8545294 | .0909341 | 16.52084 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3091905 | 325.8488 | 4.950397 | 294.2365 | 3.253395 | .0033234 |
| #2 | .3181696 | 329.6453 | 4.972993 | 298.6981 | 3.252992 | .0038885 |
| #3 | .3127318 | 329.3907 | 4.980259 | 298.5687 | 3.258308 | .0046232 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.518633 | 1.148452 | .7265045 | 15.98549 | 7.636111 | .3580736 |
| Stddev | .228785  | .007050  | .0025110 | .05961   | .012096  | .0037472 |
| %RSD   | 4.145682 | .6138875 | .3456303 | .3729045 | .1584032 | 1.046489 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.319921 | 1.154878 | .7275375 | 15.92565 | 7.622484 | .3538508 |
| #2 | 5.768746 | 1.140910 | .7236417 | 15.98595 | 7.640274 | .3593681 |
| #3 | 5.467230 | 1.149567 | .7283342 | 16.04487 | 7.645576 | .3610020 |

Sample Name: P4498-09      Acquired: 11/01/2024 2:23:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0109819 | 6.873254 | 7.857660 | .0339168 | 6.346563 | .1779770 |
| Stddev | .0005408 | .031576  | .060117  | .0054856 | .045042  | .0020857 |
| %RSD   | 4.924951 | .4594099 | .7650811 | 16.17383 | .7097098 | 1.171874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0107093 | 6.885414 | 7.791506 | .0294272 | 6.295708 | .1760644 |
| #2 | .0116048 | 6.896943 | 7.872520 | .0322918 | 6.362546 | .1776659 |
| #3 | .0106316 | 6.837406 | 7.908954 | .0400313 | 6.381433 | .1802008 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.213425 |
| Stddev | .008865  |
| %RSD   | .2758854 |

|    |          |
|----|----------|
| #1 | 3.203204 |
| #2 | 3.219025 |
| #3 | 3.218047 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 873.4316 | 21919.22 | 2720.753 | 724.1459 | 1348.663 |
| Stddev    | .8967    | 5.17     | 17.391   | 1.3102   | 1.408    |
| %RSD      | .1026595 | .0235856 | .6392008 | .1809239 | .1044034 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 872.5108 | 21921.56 | 2740.725 | 723.9230 | 1349.613 |
| #2 | 874.3020 | 21913.30 | 2708.958 | 725.5532 | 1349.330 |
| #3 | 873.4821 | 21922.81 | 2712.575 | 722.9615 | 1347.045 |

Sample Name: P4498-10      Acquired: 11/01/2024 2:28:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.091986 | -.067187 | .1250626 | .0068755 | .0018714 | 183.6093 |
| Stddev | .003694  | .005989  | .0024352 | .0085879 | .0013821 | 11.3921  |
| %RSD   | 4.016073 | 8.914229 | 1.947178 | 124.9059 | 73.85458 | 6.204526 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.096232 | -.071208 | .1276839 | -.001601 | .0004772 | 196.7429 |
| #2 | -.090219 | -.060304 | .1246333 | .006658  | .0018959 | 177.6831 |
| #3 | -.089506 | -.070050 | .1228706 | .015570  | .0032411 | 176.4018 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.487145 | .0113676 | .0124544 | 255.9543 | 4.264541 | .5277902 |
| Stddev | .093221  | .0004541 | .0015786 | 15.5936  | .007483  | .0020940 |
| %RSD   | 6.268453 | 3.994709 | 12.67459 | 6.092341 | .1754778 | .3967570 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.594764 | .0118882 | .0106361 | 273.9056 | 4.259113 | .5253758 |
| #2 | 1.435260 | .0110530 | .0134738 | 248.1937 | 4.261432 | .5291116 |
| #3 | 1.431411 | .0111617 | .0132533 | 245.7638 | 4.273077 | .5288831 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5039930 | 458.2408 | 8.947601 | 487.3161 | F 6.386553 | -.028655 |
| Stddev | .0310139 | 28.1267  | .562147  | 30.5923  | .014163    | .002915  |
| %RSD   | 6.153646 | 6.137982 | 6.282656 | 6.277716 | .2217698   | 10.17367 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5386095 | 490.6583 | 9.596407 | 522.5712 | 6.371121 | -.031985 |
| #2 | .4787389 | 443.7488 | 8.640418 | 471.6107 | 6.389582 | -.027412 |
| #3 | .4946306 | 440.3154 | 8.605977 | 467.7662 | 6.398957 | -.026567 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.725139 | 1.201011 | .5791825 | 12.98375 | 5.141846 | .4509974 |
| Stddev | .468746  | .070329  | .0012377 | 1.03101  | .008254  | .0268797 |
| %RSD   | 6.970053 | 5.855796 | .2137065 | 7.940794 | .1605237 | 5.960049 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.073675 | 1.282216 | .5779717 | 14.17359 | 5.133665 | .4819611 |
| #2 | 6.909501 | 1.159769 | .5804456 | 12.42346 | 5.141701 | .4373751 |
| #3 | 6.192243 | 1.161048 | .5791304 | 12.35420 | 5.150171 | .4336561 |



Sample Name: P4498-10      Acquired: 11/01/2024 2:28:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065273 | 2.117198 | 6.249177 | .0252904 | 11.55366 | .1302631 |
| Stddev | .0010149 | .018559  | .318873  | .0032220 | .72171   | .0056634 |
| %RSD   | 15.54771 | .8765887 | 5.102639 | 12.74017 | 6.246632 | 4.347632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0054341 | 2.095792 | 6.616734 | .0265551 | 12.38538 | .1367521 |
| #2 | .0067084 | 2.128774 | 6.084276 | .0216278 | 11.18319 | .1277204 |
| #3 | .0074395 | 2.127029 | 6.046521 | .0276881 | 11.09242 | .1263167 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9613522 |
| Stddev | .0602494 |
| %RSD   | 6.267154 |

|    |          |
|----|----------|
| #1 | 1.030915 |
| #2 | .927470  |
| #3 | .925673  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 940.3201 | 23467.40 | 2730.952 | 778.4545 | 1525.037 |
| Stddev    | .2379    | 25.83    | 138.233  | 1.7687   | .609     |
| %RSD      | .0253020 | .1100614 | 5.061716 | .2272126 | .0399135 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 940.1248 | 23480.73 | 2571.603 | 779.1683 | 1525.739 |
| #2 | 940.2504 | 23483.84 | 2802.601 | 779.7548 | 1524.719 |
| #3 | 940.5851 | 23437.63 | 2818.650 | 776.4404 | 1524.653 |

Sample Name: P4498-11      Acquired: 11/01/2024 2:32:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.082638 | -.073670 | .1366701 | -.004364 | .0044817 | 177.0960 |
| Stddev | .006441  | .010654  | .0050340 | .003372  | .0038679 | .0838    |
| %RSD   | 7.794722 | 14.46208 | 3.683347 | 77.27823 | 86.30450 | .0472936 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.089491 | -.077644 | .1322081 | -.000871 | .0031533 | 177.1532 |
| #2 | -.076707 | -.061600 | .1356748 | -.007601 | .0088387 | 176.9999 |
| #3 | -.081718 | -.081766 | .1421274 | -.004620 | .0014530 | 177.1350 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.316569 | .0106899 | .0137747 | 261.2346 | 3.875411 | .5055187 |
| Stddev | .000969  | .0003231 | .0005226 | .7617    | .004046  | .0009300 |
| %RSD   | .0735853 | 3.022247 | 3.793798 | .2915588 | .1043955 | .1839770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.316664 | .0110561 | .0132371 | 262.0323 | 3.877549 | .5044548 |
| #2 | 1.317487 | .0105685 | .0142808 | 260.5150 | 3.877940 | .5061770 |
| #3 | 1.315557 | .0104451 | .0138063 | 261.1566 | 3.870745 | .5059244 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4532944 | 439.9843 | 8.815328 | 469.0691 | F 5.991001 | -.025656 |
| Stddev | .0071302 | 1.0619   | .012372  | 1.0380   | .009820    | .000192  |
| %RSD   | 1.572982 | .2413389 | .1403481 | .2212818 | .1639176   | .7471489 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4533105 | 440.8840 | 8.820362 | 470.2325 | 5.980441 | -.025869 |
| #2 | .4604166 | 438.8130 | 8.801233 | 468.7368 | 5.992704 | -.025497 |
| #3 | .4461561 | 440.2557 | 8.824390 | 468.2380 | 5.999859 | -.025603 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.362170 | 1.159944 | .5733575 | 10.36701 | 5.602384 | .4297622 |
| Stddev | .256865  | .013376  | .0041295 | .21774   | .032777  | .0032276 |
| %RSD   | 3.488987 | 1.153143 | .7202367 | 2.100351 | .5850544 | .7510114 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.069488 | 1.175164 | .5781185 | 10.20243 | 5.566148 | .4327799 |
| #2 | 7.466887 | 1.150058 | .5707464 | 10.28468 | 5.629965 | .4263593 |
| #3 | 7.550135 | 1.154609 | .5712077 | 10.61391 | 5.611038 | .4301474 |

Sample Name: P4498-11      Acquired: 11/01/2024 2:32:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044127 | 3.045081 | 6.787151 | .0105636 | 12.65416 | .0992461 |
| Stddev | .0002898 | .003227  | .027779  | .0007749 | .01095   | .0003670 |
| %RSD   | 6.566782 | .1059811 | .4092908 | 7.335131 | .0865277 | .3698253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044490 | 3.044073 | 6.818407 | .0097458 | 12.64827 | .0992046 |
| #2 | .0046826 | 3.042478 | 6.765278 | .0106582 | 12.64742 | .0989015 |
| #3 | .0041065 | 3.048692 | 6.777768 | .0112869 | 12.66680 | .0996321 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9949020 |
| Stddev | .0002219 |
| %RSD   | .0223044 |

|    |          |
|----|----------|
| #1 | .9946611 |
| #2 | .9950982 |
| #3 | .9949465 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 933.0957 | 23449.48 | 2816.859 | 779.7249 | 1515.884 |
| Stddev    | 1.4614   | 43.36    | 11.263   | 4.7511   | 1.430    |
| %RSD      | .1566178 | .1849292 | .3998367 | .6093265 | .0943080 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 933.1065 | 23451.35 | 2804.141 | 775.2543 | 1515.641 |
| #2 | 934.5516 | 23405.21 | 2825.574 | 779.2065 | 1517.420 |
| #3 | 931.6288 | 23491.88 | 2820.862 | 784.7139 | 1514.592 |

Sample Name: P4498-12      Acquired: 11/01/2024 2:36:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004299 | .0268928 | .1679679 | .1424782 | .0818320 | 192.6856 |
| Stddev | .003427  | .0062744 | .0039582 | .0008850 | .0083728 | 16.2412  |
| %RSD   | 79.71016 | 23.33108 | 2.356504 | .6211512 | 10.23169 | 8.428843 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002923 | .0334999 | .1638707 | .1431724 | .0913622 | 197.0678 |
| #2 | -.008200 | .0261639 | .1717706 | .1427804 | .0756580 | 174.7029 |
| #3 | -.001774 | .0210148 | .1682625 | .1414816 | .0784758 | 206.2859 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.886298 | .0997057 | .1079873 | 251.1381 | 4.022095 | 1.409929 |
| Stddev | .389756  | .0077422 | .0012749 | 20.6479  | .377985  | .003219  |
| %RSD   | 7.976512 | 7.765058 | 1.180594 | 8.221744 | 9.397726 | .2283402 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.001564 | .1002472 | .1076486 | 256.2092 | 3.806637 | 1.408025 |
| #2 | 4.451909 | .0917070 | .1093973 | 228.4271 | 3.801104 | 1.408116 |
| #3 | 5.205422 | .1071630 | .1069159 | 268.7781 | 4.458543 | 1.413646 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8603085 | 406.6282 | 7.512069 | 364.5338 | F 5.674996 | .0780978 |
| Stddev | .0767523 | 33.6052  | .598391  | 29.9616  | .007810    | .0151800 |
| %RSD   | 8.921489 | 8.264362 | 7.965734 | 8.219151 | .1376165   | 19.43717 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8873137 | 415.3909 | 7.667966 | 372.4785 | 5.670063 | .0675382 |
| #2 | .7737034 | 369.5097 | 6.851159 | 331.4005 | 5.670925 | .0712613 |
| #3 | .9199082 | 434.9841 | 8.017083 | 389.7223 | 5.684000 | .0954938 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.218741 | 1.936545 | 1.486714 | 12.50545 | 5.171439 | .4940299 |
| Stddev | .416728  | .162256  | .171759  | 1.09440  | .019378  | .0408149 |
| %RSD   | 5.772864 | 8.378639 | 11.55294 | 8.751358 | .3747109 | 8.261621 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.125341 | 1.983762 | 1.384609 | 12.88523 | 5.172411 | .5050984 |
| #2 | 6.856639 | 1.755918 | 1.390518 | 11.27175 | 5.151594 | .4488223 |
| #3 | 7.674244 | 2.069956 | 1.685015 | 13.35936 | 5.190313 | .5281689 |

Sample Name: P4498-12      Acquired: 11/01/2024 2:36:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017424 | 3.063111 | 6.732010 | .0187755 | 10.47878 | .0971778 |
| Stddev | .0004415 | .002376  | .515591  | .0007822 | .86739   | .0081512 |
| %RSD   | 25.34056 | .0775620 | 7.658800 | 4.165912 | 8.277627 | 8.387916 |
| #1     | .0020076 | 3.063256 | 6.784993 | .0178764 | 10.71509 | .0979893 |
| #2     | .0012327 | 3.060666 | 6.191974 | .0192989 | 9.51772  | .0886513 |
| #3     | .0019869 | 3.065411 | 7.219065 | .0191513 | 11.20353 | .1048930 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8547627 |
| Stddev | .0692493 |
| %RSD   | 8.101584 |
| #1     | .8748918 |
| #2     | .7776789 |
| #3     | .9117174 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 945.5197 | 22602.42 | 2887.066 | 748.2505 | 1530.276 |
| Stddev    | 2.0037   | 1715.75  | 189.108  | 68.2087  | 2.140    |
| %RSD      | .2119165 | 7.590989 | 6.550181 | 9.115759 | .1398633 |
| #1        | 945.9462 | 23560.81 | 2835.129 | 787.6047 | 1531.418 |
| #2        | 943.3370 | 23624.87 | 3096.715 | 787.6569 | 1531.604 |
| #3        | 947.2757 | 20621.60 | 2729.353 | 669.4898 | 1527.807 |

Sample Name: P4498-10LX5      Acquired: 11/01/2024 2:41:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.012834 | -.013851 | .0264052 | .0040539 | -.001880 | 38.14993 | .3133200 |
| Stddev | .003519  | .001802  | .0029228 | .0041516 | .004233  | .09273   | .0014384 |
| %RSD   | 27.41788 | 13.00910 | 11.06921 | 102.4077 | 225.1626 | .2430566 | .4590699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.016391 | -.015168 | .0237399 | .0031665 | -.002305 | 38.25656 | .3142142 |
| #2 | -.012757 | -.011798 | .0295309 | .0004179 | -.005884 | 38.10504 | .3140849 |
| #3 | -.009354 | -.014588 | .0259448 | .0085775 | .002550  | 38.08819 | .3116608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027346 | .0017393 | 54.85444 | .9862838 | .1083256 | .1041633 | 101.5912 |
| Stddev | .0003490 | .0001178 | .09421   | .0020437 | .0010191 | .0034877 | .3266    |
| %RSD   | 12.76130 | 6.771471 | .1717452 | .2072148 | .9407824 | 3.348304 | .3214417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031185 | .0016644 | 54.95945 | .9842713 | .1071516 | .1018774 | 101.8876 |
| #2 | .0024365 | .0016785 | 54.82651 | .9883574 | .1089814 | .1081777 | 101.6447 |
| #3 | .0026489 | .0018751 | 54.77735 | .9862228 | .1088440 | .1024349 | 101.2411 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.965157 | 99.80988 | 1.343322 | -.005464 | 1.826048 | .2498496 | .1280326 |
| Stddev | .010488  | .23894   | .002625  | .000447  | .157405  | .0078406 | .0001014 |
| %RSD   | .5336844 | .2393971 | .1954439 | 8.172132 | 8.619976 | 3.138128 | .0792136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.977030 | 100.0690 | 1.340329 | -.005363 | 1.966203 | .2558458 | .1279517 |
| #2 | 1.957156 | 99.7623  | 1.344399 | -.005077 | 1.856189 | .2409771 | .1279998 |
| #3 | 1.961284 | 99.5983  | 1.345237 | -.005953 | 1.655752 | .2527261 | .1281464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.395008 | 1.026182 | .1016285 | .0007584 | .4036565 | 1.519334 | .0056436 |
| Stddev | .044378  | .004350  | .0015930 | .0002970 | .0041801 | .003624  | .0012846 |
| %RSD   | 1.852928 | .4238674 | 1.567496 | 39.16313 | 1.035546 | .2385267 | 22.76136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.438059 | 1.023638 | .0997942 | .0009516 | .4079674 | 1.523474 | .0044166 |
| #2 | 2.349413 | 1.031204 | .1026651 | .0004164 | .4033811 | 1.516739 | .0055354 |
| #3 | 2.397552 | 1.023703 | .1024262 | .0009071 | .3996209 | 1.517787 | .0069789 |

Sample Name: P4498-10LX5      Acquired: 11/01/2024 2:41:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF0L      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.530865 | .0337924 | .2037920 |
| Stddev | .005457  | .0006495 | .0006624 |
| %RSD   | .2156036 | 1.922110 | .3250188 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.537126 | .0338569 | .2040858 |
| #2 | 2.527127 | .0331130 | .2042567 |
| #3 | 2.528340 | .0344073 | .2030336 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 945.7742 | 22482.27 | 2623.844 | 779.2861 | 1699.884 |
| Stddev    | 3.5927   | 21.02    | 18.632   | 4.3985   | 6.542    |
| %RSD      | .3798689 | .0934951 | .7100995 | .5644267 | .3848638 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.4648 | 22478.82 | 2605.884 | 779.3825 | 1702.377 |
| #2 | 945.5696 | 22463.20 | 2622.567 | 774.8402 | 1704.812 |
| #3 | 942.2882 | 22504.81 | 2643.082 | 783.6356 | 1692.461 |

Sample Name: P4498-13      Acquired: 11/01/2024 2:45:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0414571 | -.031873 | .0382257 | -.016841 | .0031640 | 67.63386 |
| Stddev | .0161396 | .003356  | .0033280 | .000998  | .0040020 | .23963   |
| %RSD   | 38.93087 | 10.52924 | 8.706235 | 5.926362 | 126.4834 | .3543004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0597582 | -.028821 | .0354399 | -.016901 | .0039812 | 67.57183 |
| #2 | .0292589 | -.035467 | .0373262 | -.017808 | -.001183 | 67.89841 |
| #3 | .0353541 | -.031330 | .0419110 | -.015815 | .006694  | 67.43135 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2525176 | .0040993 | .0108024 | F 2484.027 | 1.788724 | .1934910 |
| Stddev | .0016761 | .0002142 | .0001343 | 13.190     | .002105  | .0005614 |
| %RSD   | .6637425 | 5.224173 | 1.242963 | .5309909   | .1176566 | .2901512 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2525499 | .0038584 | .0107891 | 2494.599 | 1.786965 | .1939227 |
| #2 | .2541773 | .0042682 | .0109428 | 2488.237 | 1.788151 | .1936940 |
| #3 | .2508256 | .0041713 | .0106753 | 2469.246 | 1.791055 | .1928564 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1550615 | 181.6573 | 2.919751 | 266.3847 | 2.770060 | .0268412 |
| Stddev | .0058646 | .3499    | .020323  | .8517    | .004068  | .0002739 |
| %RSD   | 3.782099 | .1926344 | .6960400 | .3197426 | .1468502 | 1.020412 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1550861 | 181.2584 | 2.898763 | 266.6134 | 2.767662 | .0271059 |
| #2 | .1609137 | 181.9123 | 2.939336 | 267.0987 | 2.767760 | .0268587 |
| #3 | .1491846 | 181.8013 | 2.921155 | 265.4419 | 2.774757 | .0265590 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.570559 | .4016578 | .3239999 | 6.691861 | 4.331670 | .2257214 |
| Stddev | .457781  | .0041317 | .0009206 | .140352  | .014411  | .0011358 |
| %RSD   | 10.01587 | 1.028668 | .2841262 | 2.097351 | .3326855 | .5031808 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.598930 | .3971277 | .3249321 | 6.658284 | 4.324633 | .2263413 |
| #2 | 5.013495 | .4052188 | .3230914 | 6.845956 | 4.322129 | .2244106 |
| #3 | 4.099252 | .4026269 | .3239762 | 6.571342 | 4.348247 | .2264124 |



Sample Name: P4498-13      Acquired: 11/01/2024 2:45:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0103009 | 11.22956 | 7.272103 | .0019358 | 2.168795 | .0783481 |
| Stddev | .0004983 | .02956   | .034831  | .0038682 | .005522  | .0006764 |
| %RSD   | 4.837032 | .2632050 | .4789613 | 199.8230 | .2546002 | .8632623 |
| #1     | .0106210 | 11.20021 | 7.271106 | .0005922 | 2.163912 | .0785007 |
| #2     | .0097268 | 11.22915 | 7.307422 | .0062967 | 2.174787 | .0789351 |
| #3     | .0105548 | 11.25932 | 7.237782 | -.001081 | 2.167685 | .0776084 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.489884 |
| Stddev | .017547  |
| %RSD   | .3908177 |
| #1     | 4.480243 |
| #2     | 4.510138 |
| #3     | 4.479272 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 829.8698 | 20620.83 | 2566.118 | 691.2964 | 1310.309 |
| Stddev    | 1.8218   | 37.85    | 10.812   | 1.3819   | 2.562    |
| %RSD      | .2195290 | .1835542 | .4213349 | .1998933 | .1955020 |
| #1        | 828.0091 | 20661.57 | 2562.723 | 691.2777 | 1307.642 |
| #2        | 831.6501 | 20614.18 | 2557.411 | 689.9240 | 1310.535 |
| #3        | 829.9503 | 20586.74 | 2578.220 | 692.6875 | 1312.751 |

Sample Name: P4498-14      Acquired: 11/01/2024 2:50:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1068216 | -.019033 | .0084756 | -.014755 | .0069636 | 53.89760 |
| Stddev | .0104880 | .008153  | .0119385 | .010199  | .0058340 | .16138   |
| %RSD   | 9.818236 | 42.83525 | 140.8580 | 69.12564 | 83.77832 | .2994209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0952652 | -.016241 | .0186552 | -.003349 | .0135892 | 53.87393 |
| #2 | .1094635 | -.012643 | .0114361 | -.017916 | .0025963 | 53.74936 |
| #3 | .1157360 | -.028216 | -.004665 | -.022999 | .0047054 | 54.06951 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1635868 | .0031603 | .0095903 | F 3718.347 | .4272823 | .0632332 |
| Stddev | .0010996 | .0001606 | .0000132 | 10.870     | .0010401 | .0005283 |
| %RSD   | .6721916 | 5.080060 | .1373446 | .2923270   | .2434293 | .8354791 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1648556 | .0032939 | .0095782 | 3722.920 | .4280973 | .0626320 |
| #2 | .1629940 | .0029822 | .0095884 | 3705.938 | .4261108 | .0636233 |
| #3 | .1629108 | .0032048 | .0096044 | 3726.183 | .4276387 | .0634443 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1020192 | 103.1999 | 1.908008 | 78.57210 | .5793950 | .0480935 |
| Stddev | .0042131 | .2267    | .003220  | .35528   | .0011726 | .0006937 |
| %RSD   | 4.129664 | .2196790 | .1687376 | .4521736 | .2023866 | 1.442364 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0984551 | 102.9527 | 1.910797 | 78.98228 | .5799673 | .0474837 |
| #2 | .1009337 | 103.2488 | 1.908743 | 78.36074 | .5780461 | .0479485 |
| #3 | .1066688 | 103.3981 | 1.904485 | 78.37327 | .5801716 | .0488482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.339011 | .3154058 | .1735307 | 5.671245 | 4.163195 | .1668734 |
| Stddev | .307329  | .0084250 | .0013659 | .059581  | .021181  | .0020406 |
| %RSD   | 5.756282 | 2.671174 | .7871050 | 1.050585 | .5087751 | 1.222852 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.398756 | .3236979 | .1746384 | 5.655905 | 4.162673 | .1658725 |
| #2 | 5.612080 | .3068539 | .1739491 | 5.620833 | 4.184632 | .1692212 |
| #3 | 5.006197 | .3156657 | .1720046 | 5.736996 | 4.142279 | .1655264 |

Sample Name: P4498-14      Acquired: 11/01/2024 2:50:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145088 | 8.725915 | 10.72308 | .0040863 | 1.078768 | .0800967 |
| Stddev | .0011782 | .011175  | .04108   | .0008641 | .003772  | .0018413 |
| %RSD   | 8.120786 | .1280674 | .3830552 | 21.14499 | .3496642 | 2.298790 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0154650 | 8.722246 | 10.76976 | .0032291 | 1.076939 | .0792081 |
| #2 | .0131925 | 8.738463 | 10.69247 | .0049570 | 1.076259 | .0788683 |
| #3 | .0148688 | 8.717036 | 10.70702 | .0040728 | 1.083106 | .0822137 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.885636 |
| Stddev | .064097  |
| %RSD   | .9308763 |

|    |          |
|----|----------|
| #1 | 6.942497 |
| #2 | 6.898236 |
| #3 | 6.816175 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 818.1709 | 20273.99 | 2521.269 | 689.5449 | 1259.635 |
| Stddev    | 1.1661   | 30.46    | 12.121   | 2.8122   | 2.027    |
| %RSD      | .1425213 | .1502412 | .4807593 | .4078382 | .1609229 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 818.2000 | 20286.28 | 2507.499 | 687.1387 | 1260.707 |
| #2 | 819.3222 | 20296.38 | 2530.327 | 688.8595 | 1260.900 |
| #3 | 816.9906 | 20239.30 | 2525.981 | 692.6365 | 1257.297 |

Sample Name: P4498-15      Acquired: 11/01/2024 2:54:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBH8DH      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.059074 | -.058568 | .1068533 | -.005370 | -.001576 | 103.7100 |
| Stddev | .004191  | .000565  | .0043716 | .019080  | .001239  | .1939    |
| %RSD   | 7.094896 | .9652945 | 4.091209 | 355.2853 | 78.57288 | .1869710 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.055179 | -.057948 | .1118966 | .013792  | -.001115 | 103.7402 |
| #2 | -.063509 | -.059054 | .1041454 | -.005536 | -.000634 | 103.8871 |
| #3 | -.058534 | -.058703 | .1045180 | -.024367 | -.002979 | 103.5028 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7897731 | .0068013 | .0135465 | F 1218.388 | 5.235645 | .3901746 |
| Stddev | .0038658 | .0000822 | .0004586 | 3.181      | .003818  | .0010607 |
| %RSD   | .4894788 | 1.209315 | 3.385477 | .2611182   | .0729320 | .2718492 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7928451 | .0067114 | .0139477 | 1221.755 | 5.233211 | .3911433 |
| #2 | .7910418 | .0068728 | .0130465 | 1215.433 | 5.240046 | .3890412 |
| #3 | .7854324 | .0068197 | .0136452 | 1217.975 | 5.233678 | .3903392 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4541331 | 348.8150 | 5.425765 | 691.7939 | F 7.094667 | -.000380 |
| Stddev | .0026006 | .7180    | .013635  | 1.6382   | .002528    | .000706  |
| %RSD   | .5726456 | .2058356 | .2513091 | .2368058 | .0356359   | 185.5567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4527586 | 348.3236 | 5.441119 | 690.8555 | 7.097324 | -.000869 |
| #2 | .4571325 | 349.6390 | 5.421107 | 693.6856 | 7.094386 | .000429  |
| #3 | .4525082 | 348.4824 | 5.415069 | 690.8408 | 7.092291 | -.000700 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.10540 | .7196462 | .7691914 | 7.674763 | 7.148801 | .4103805 |
| Stddev | .49680   | .0074616 | .0038246 | .054191  | .007631  | .0022028 |
| %RSD   | 3.084686 | 1.036836 | .4972204 | .7060931 | .1067443 | .5367598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.23462 | .7221139 | .7720348 | 7.714855 | 7.152019 | .4119398 |
| #2 | 16.52483 | .7255614 | .7706960 | 7.613110 | 7.140088 | .4113410 |
| #3 | 15.55676 | .7112634 | .7648433 | 7.696324 | 7.154295 | .4078605 |

Sample Name: P4498-15      Acquired: 11/01/2024 2:54:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBH8H8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136858 | 59.81023 | 5.721633 | .0074134 | 6.696206 | .0969953 |
| Stddev | .0001888 | .01613   | .008806  | .0011608 | .012089  | .0009277 |
| %RSD   | 1.379494 | .0269733 | .1539094 | 15.65798 | .1805377 | .9564088 |
| #1     | .0138989 | 59.79986 | 5.725678 | .0060754 | 6.692794 | .0961555 |
| #2     | .0135393 | 59.82882 | 5.711531 | .0080139 | 6.709635 | .0979911 |
| #3     | .0136193 | 59.80201 | 5.727690 | .0081509 | 6.686190 | .0968392 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.317883 |
| Stddev | .003470  |
| %RSD   | .1496931 |
| #1     | 2.319097 |
| #2     | 2.320582 |
| #3     | 2.313969 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 843.4063 | 21521.20 | 2636.274 | 699.7457 | 1377.099 |
| Stddev    | .4502    | 53.71    | 4.921    | 3.6437   | 2.501    |
| %RSD      | .0533734 | .2495628 | .1866660 | .5207210 | .1816391 |
| #1        | 843.8997 | 21560.26 | 2639.654 | 698.8682 | 1375.323 |
| #2        | 843.3010 | 21459.96 | 2638.541 | 696.6208 | 1376.014 |
| #3        | 843.0180 | 21543.40 | 2630.629 | 703.7480 | 1379.959 |

Sample Name: P4498-16      Acquired: 11/01/2024 2:59:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBBDH9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.091112 | -.055888 | .1314561 | -.002900 | .0043903 | 106.0605 |
| Stddev | .009879  | .004628  | .0031820 | .001629  | .0013314 | 4.4910   |
| %RSD   | 10.84317 | 8.280324 | 2.420553 | 56.16453 | 30.32493 | 4.234350 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.101174 | -.061157 | .1349551 | -.004052 | .0059064 | 110.9502 |
| #2 | -.090736 | -.052482 | .1306777 | -.003611 | .0038528 | 105.1114 |
| #3 | -.081426 | -.054026 | .1287356 | -.001037 | .0034117 | 102.1199 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5749070 | .0083129 | .0125396 | 528.1584 | 6.651376 | .4173447 |
| Stddev | .0248848 | .0006593 | .0002769 | 23.0039  | .008871  | .0010317 |
| %RSD   | 4.328483 | 7.931183 | 2.208342 | 4.355500 | .1333675 | .2472177 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6022803 | .0084539 | .0122664 | 553.3133 | 6.641189 | .4185358 |
| #2 | .5687886 | .0088902 | .0125322 | 522.9704 | 6.657397 | .4167691 |
| #3 | .5536521 | .0075944 | .0128201 | 508.1915 | 6.655541 | .4167292 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2696327 | 403.8009 | 4.961113 | 718.4412 | F 8.390407 | -.015906 |
| Stddev | .0064883 | 17.1438  | .223017  | 31.3101  | .012710    | .001252  |
| %RSD   | 2.406334 | 4.245613 | 4.495293 | 4.358062 | .1514831   | 7.870743 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2771247 | 422.5007 | 5.200609 | 752.2563 | 8.402802 | -.017345 |
| #2 | .2658894 | 400.0766 | 4.923326 | 712.6121 | 8.377404 | -.015303 |
| #3 | .2658841 | 388.8253 | 4.759404 | 690.4553 | 8.391015 | -.015070 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.01097 | .8478741 | .4815402 | 8.631225 | 7.101176 | .4729879 |
| Stddev | .73008   | .0358701 | .0016701 | .472452  | .022968  | .0198260 |
| %RSD   | 6.078406 | 4.230589 | .3468276 | 5.473753 | .3234459 | 4.191647 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.55823 | .8867172 | .4818577 | 9.169716 | 7.108918 | .4944197 |
| #2 | 12.29268 | .8409055 | .4797342 | 8.437687 | 7.075337 | .4692418 |
| #3 | 11.18201 | .8159997 | .4830288 | 8.286273 | 7.119273 | .4553022 |

Sample Name: P4498-16      Acquired: 11/01/2024 2:59:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDH9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162875 | 92.92277 | 5.469186 | .0051119 | 10.72942 | .1156264 |
| Stddev | .0004923 | .07702   | .227333  | .0015391 | .45627   | .0068957 |
| %RSD   | 3.022421 | .0828824 | 4.156612 | 30.10810 | 4.252484 | 5.963811 |
| #1     | .0165596 | 92.96041 | 5.714332 | .0060397 | 11.22326 | .1235442 |
| #2     | .0165836 | 92.83417 | 5.427902 | .0033353 | 10.64146 | .1109378 |
| #3     | .0157192 | 92.97373 | 5.265325 | .0059607 | 10.32354 | .1123971 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.289832 |
| Stddev | .055754  |
| %RSD   | 4.322582 |
| #1     | 1.351095 |
| #2     | 1.276339 |
| #3     | 1.242063 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 872.8959 | 22214.46 | 2582.747 | 720.2337 | 1464.577 |
| Stddev    | 2.6546   | 12.35    | 109.343  | 2.0098   | 5.330    |
| %RSD      | .3041155 | .0555990 | 4.233591 | .2790420 | .3639321 |
| #1        | 871.4843 | 22201.12 | 2465.671 | 719.9591 | 1458.435 |
| #2        | 871.2454 | 22216.77 | 2600.348 | 722.3666 | 1467.989 |
| #3        | 875.9581 | 22225.50 | 2682.222 | 718.3753 | 1467.306 |

Sample Name: P4498-17      Acquired: 11/01/2024 3:03:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJDJ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.053685 | -.061528 | .0977284 | -.008276 | -.001452 | 163.3707 | .9651462 |
| Stddev | .017666  | .004268  | .0029912 | .010902  | .003957  | .2021    | .0006579 |
| %RSD   | 32.90616 | 6.937397 | 3.060731 | 131.7351 | 272.4103 | .1236805 | .0681668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.053891 | -.057512 | .0945215 | .001906  | -.003597 | 163.1400 | .9656252 |
| #2 | -.035917 | -.061063 | .0982210 | -.006955 | -.003873 | 163.5162 | .9654172 |
| #3 | -.071247 | -.066010 | .1004428 | -.019779 | .003113  | 163.4558 | .9643960 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094048 | .0131184 | 727.0073 | 3.116663 | .3752680 | .3746895 | 381.3496 |
| Stddev | .0003306 | .0009301 | 2.2714   | .006551  | .0065298 | .0074619 | 1.1626   |
| %RSD   | 3.515621 | 7.090094 | .3124342 | .2101929 | 1.740032 | 1.991496 | .3048690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097389 | .0120582 | 724.5130 | 3.109289 | .3677309 | .3829961 | 380.1205 |
| #2 | .0090777 | .0137969 | 727.5523 | 3.121809 | .3788573 | .3685535 | 381.4964 |
| #3 | .0093977 | .0135001 | 728.9567 | 3.118892 | .3792159 | .3725190 | 382.4318 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.547975 | 376.7804 | 4.028646 | -.017534 | 11.78105 | 1.043023 | .5384463 |
| Stddev | .024275  | .6841    | .083002  | .000255  | .16317   | .014525  | .0034014 |
| %RSD   | .2839840 | .1815594 | 2.060289 | 1.452776 | 1.385010 | 1.392612 | .6317141 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.537857 | 376.0214 | 3.933215 | -.017727 | 11.60547 | 1.038880 | .5423024 |
| #2 | 8.530396 | 376.9702 | 4.084041 | -.017630 | 11.80967 | 1.059170 | .5371649 |
| #3 | 8.575673 | 377.3495 | 4.068683 | -.017245 | 11.92802 | 1.031019 | .5358717 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.35256 | 6.855597 | .4244237 | .0019470 | 18.05392 | 5.690444 | .0092379 |
| Stddev | .11487   | .089428  | .0049098 | .0005346 | .34868   | .015294  | .0022174 |
| %RSD   | .7024488 | 1.304447 | 1.156803 | 27.45951 | 1.931339 | .2687751 | 24.00300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.44285 | 6.752337 | .4187570 | .0013357 | 17.65732 | 5.673590 | .0115853 |
| #2 | 16.39156 | 6.907829 | .4274039 | .0021780 | 18.31233 | 5.694300 | .0071787 |
| #3 | 16.22327 | 6.906626 | .4271104 | .0023272 | 18.19209 | 5.703441 | .0089496 |



Sample Name: P4498-17      Acquired: 11/01/2024 3:03:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDJ0      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.282403 | .1667789 | 1.770310 |
| Stddev | .006698  | .0016778 | .001588  |
| %RSD   | .0808655 | 1.006018 | .0896966 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 8.283149 | .1672499 | 1.769346 |
| #2 | 8.275363 | .1681708 | 1.772143 |
| #3 | 8.288696 | .1649159 | 1.769443 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 941.6768 | 23323.02 | 2833.022 | 772.0823 | 1470.523 |
| Stddev    | 10.0417  | 16.87    | 10.608   | 2.8059   | 23.704   |
| %RSD      | 1.066360 | .0723298 | .3744502 | .3634160 | 1.611962 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 953.2703 | 23328.62 | 2844.906 | 770.8416 | 1497.785 |
| #2 | 935.7124 | 23336.38 | 2829.652 | 770.1106 | 1454.778 |
| #3 | 936.0478 | 23304.06 | 2824.508 | 775.2946 | 1459.005 |

Sample Name: P4498-18      Acquired: 11/01/2024 3:08:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBH DJ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.034531 | -.061799 | .0885416 | -.001528 | .0035975 | 162.9564 | .3332992 |
| Stddev | .005526  | .002051  | .0056142 | .008609  | .0035898 | 14.3850  | .0295404 |
| %RSD   | 16.00182 | 3.319593 | 6.340754 | 563.3561 | 99.78798 | 8.827500 | 8.863019 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.028274 | -.059914 | .0845124 | .004014  | .0045617 | 146.9057 | .3002469 |
| #2 | -.036580 | -.061499 | .0861581 | .002848  | -.000376 | 174.6843 | .3571255 |
| #3 | -.038740 | -.063984 | .0949543 | -.011446 | .006607  | 167.2792 | .3425253 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100349 | .0130916 | 591.8436 | 1.623949 | .3120127 | .3691995 | 381.1274 |
| Stddev | .0007556 | .0012881 | 51.0229  | .003378  | .0024931 | .0328286 | 33.9252  |
| %RSD   | 7.529239 | 9.839424 | 8.621018 | .2080232 | .7990416 | 8.891836 | 8.901279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091663 | .0145621 | 534.9295 | 1.626813 | .3144177 | .3334920 | 343.1388 |
| #2 | .0103978 | .0121625 | 633.4890 | 1.620224 | .3094400 | .3980736 | 408.4024 |
| #3 | .0105405 | .0125503 | 607.1123 | 1.624810 | .3121805 | .3760329 | 391.8409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.341312 | 190.9565 | 1.809021 | -.020957 | 7.933624 | 1.217784 | .5949040 |
| Stddev | .376315  | 16.7949  | .001807  | .003788  | .652291  | .103440  | .0040511 |
| %RSD   | 8.668221 | 8.795133 | .0999074 | 18.07421 | 8.221860 | 8.494080 | .6809735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.920356 | 172.2001 | 1.807493 | -.016604 | 7.187891 | 1.101171 | .5932515 |
| #2 | 4.645116 | 204.6026 | 1.808553 | -.023499 | 8.398118 | 1.298470 | .5919402 |
| #3 | 4.458464 | 196.0670 | 1.811016 | -.022769 | 8.214864 | 1.253710 | .5995202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.85342 | 7.923967 | .3909527 | .0015287 | 2.433826 | 7.245231 | .0067334 |
| Stddev | 1.38031  | .008900  | .0387770 | .0004423 | .017466  | .510739  | .0020566 |
| %RSD   | 9.963669 | .1123147 | 9.918593 | 28.93221 | .7176247 | 7.049312 | 30.54313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.28881 | 7.926754 | .3474558 | .0013350 | 2.425434 | 6.675967 | .0049324 |
| #2 | 14.89886 | 7.931139 | .4219028 | .0020348 | 2.453904 | 7.663311 | .0062935 |
| #3 | 14.37259 | 7.914007 | .4034995 | .0012164 | 2.422140 | 7.396414 | .0089744 |

Sample Name: P4498-18      Acquired: 11/01/2024 3:08:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDJ1      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.926918 | .2389895 | .8037061 |
| Stddev | .600673  | .0192049 | .0698418 |
| %RSD   | 8.671570 | 8.035873 | 8.689970 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.259164 | .2174611 | .7255407 |
| #2 | 7.423234 | .2543607 | .8599791 |
| #3 | 7.098356 | .2451466 | .8255985 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 955.9497 | 23579.04 | 2913.690 | 792.3625 | 1505.225 |
| Stddev    | 1.6596   | 76.61    | 201.300  | 5.4619   | 1.546    |
| %RSD      | .1736031 | .3249192 | 6.908760 | .6893127 | .1026931 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 955.3636 | 23492.10 | 3140.156 | 797.0527 | 1503.592 |
| #2 | 957.8228 | 23636.67 | 2755.109 | 793.6690 | 1505.417 |
| #3 | 954.6627 | 23608.35 | 2845.806 | 786.3659 | 1506.666 |

Sample Name: P4498-19      Acquired: 11/01/2024 3:12:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.055139 | -.070701 | .1129471 | -.016062 | .0020934 | 151.2613 | .4338330 |
| Stddev | .005791  | .002712  | .0049402 | .012346  | .0030727 | .4888    | .0012397 |
| %RSD   | 10.50326 | 3.835547 | 4.373900 | 76.86740 | 146.7827 | .3231689 | .2857458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.061815 | -.067788 | .1178281 | -.030236 | -.001355 | 151.3169 | .4341344 |
| #2 | -.052139 | -.073153 | .1130634 | -.010298 | .003094  | 150.7470 | .4324704 |
| #3 | -.051463 | -.071160 | .1079497 | -.007652 | .004541  | 151.7199 | .4348941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121424 | .0158599 | 557.4198 | 1.386729 | .3072390 | .4751093 | 479.8079 |
| Stddev | .0002994 | .0003563 | 2.1308   | .004172  | .0012648 | .0042071 | 1.5817   |
| %RSD   | 2.465622 | 2.246708 | .3822670 | .3008506 | .4116703 | .8855079 | .3296509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0117995 | .0155491 | 558.1609 | 1.385364 | .3079072 | .4778231 | 479.8551 |
| #2 | .0123520 | .0157818 | 555.0174 | 1.391413 | .3080296 | .4702629 | 478.2031 |
| #3 | .0122755 | .0162488 | 559.0812 | 1.383411 | .3057803 | .4772419 | 481.3655 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.868898 | 225.7645 | 1.966827 | -.030833 | 9.786395 | 1.196730 | .6184079 |
| Stddev | .016743  | .9594    | .002718  | .000561  | .039348  | .008162  | .0014761 |
| %RSD   | .3438712 | .4249773 | .1381894 | 1.820315 | .4020697 | .6820160 | .2386882 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.852689 | 226.3032 | 1.963732 | -.030646 | 9.825875 | 1.196401 | .6176921 |
| #2 | 4.867877 | 224.6567 | 1.967927 | -.030389 | 9.786132 | 1.188738 | .6174263 |
| #3 | 4.886128 | 226.3334 | 1.968823 | -.031464 | 9.747180 | 1.205052 | .6201054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.30028 | 8.808560 | .4865664 | .0029628 | 5.120364 | 7.707984 | .0081344 |
| Stddev | .25221   | .017352  | .0030304 | .0002407 | .015089  | .022186  | .0009812 |
| %RSD   | 1.896240 | .1969917 | .6228142 | 8.122800 | .2946796 | .2878310 | 12.06277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.23895 | 8.803738 | .4878460 | .0028680 | 5.105542 | 7.711672 | .0083693 |
| #2 | 13.08439 | 8.794128 | .4831061 | .0032365 | 5.135706 | 7.684185 | .0089769 |
| #3 | 13.57749 | 8.827813 | .4887472 | .0027840 | 5.119843 | 7.728095 | .0070570 |

Sample Name: P4498-19      Acquired: 11/01/2024 3:12:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDJ2      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.475176 | .2536522 | .9676919 |
| Stddev | .017022  | .0008638 | .0025056 |
| %RSD   | .3108870 | .3405615 | .2589292 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.487384 | .2526898 | .9677229 |
| #2 | 5.455732 | .2543606 | .9651709 |
| #3 | 5.482412 | .2539062 | .9701819 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 957.9643 | 23779.77 | 2867.936 | 803.3970 | 1509.521 |
| Stddev    | 1.2103   | 49.63    | 6.937    | 4.0899   | .964     |
| %RSD      | .1263426 | .2086954 | .2418952 | .5090802 | .0638849 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 956.6044 | 23781.43 | 2868.673 | 801.7654 | 1508.456 |
| #2 | 958.9231 | 23729.33 | 2874.476 | 800.3746 | 1510.336 |
| #3 | 958.3655 | 23828.54 | 2860.660 | 808.0508 | 1509.769 |

Sample Name: P4498-20      Acquired: 11/01/2024 3:16:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJDJ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.017543 | -.047603 | .0703496 | -.005600 | .0003120 | 91.95801 |
| Stddev | .006521  | .006121  | .0038462 | .014100  | .0001297 | .47758   |
| %RSD   | 37.16993 | 12.85913 | 5.467285 | 251.7619 | 41.59017 | .5193485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.011036 | -.044846 | .0710131 | -.021514 | .0004616 | 91.45542 |
| #2 | -.017516 | -.054618 | .0662148 | .005336  | .0002439 | 92.40587 |
| #3 | -.024078 | -.043345 | .0738208 | -.000623 | .0002304 | 92.01275 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5537553 | .0059266 | .0105424 | F 1618.609 | 3.787776 | .4073909 |
| Stddev | .0010056 | .0003932 | .0002176 | 6.453      | .005359  | .0041136 |
| %RSD   | .1815951 | 6.634400 | 2.063725 | .3986823   | .1414875 | 1.009748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5533596 | .0063761 | .0107035 | 1613.160 | 3.782526 | .4121383 |
| #2 | .5548986 | .0057569 | .0106287 | 1616.930 | 3.793238 | .4051528 |
| #3 | .5530079 | .0056467 | .0102949 | 1625.735 | 3.787563 | .4048817 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1929697 | 280.7163 | 5.174088 | 572.1701 | F 6.263030 | .0082489 |
| Stddev | .0030568 | .8954    | .018666  | 2.6641   | .010804    | .0008036 |
| %RSD   | 1.584062 | .3189788 | .3607530 | .4656063 | .1725024   | 9.741454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1903431 | 279.6837 | 5.154815 | 569.4676 | 6.270899 | .0081196 |
| #2 | .1963250 | 281.1861 | 5.192081 | 574.7940 | 6.250712 | .0091093 |
| #3 | .1922411 | 281.2791 | 5.175368 | 572.2486 | 6.267478 | .0075179 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.52522 | .6459445 | .3880486 | 9.177687 | 5.557616 | .3105579 |
| Stddev | .30763   | .0133018 | .0021930 | .149176  | .015283  | .0016213 |
| %RSD   | 2.922783 | 2.059281 | .5651244 | 1.625421 | .2749968 | .5220710 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.51453 | .6305849 | .3890526 | 9.138741 | 5.569195 | .3090473 |
| #2 | 10.83806 | .6536534 | .3855334 | 9.342473 | 5.540293 | .3103554 |
| #3 | 10.22308 | .6535951 | .3895598 | 9.051847 | 5.563359 | .3122709 |

Sample Name: P4498-20      Acquired: 11/01/2024 3:16:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJD3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079804 | 18.44967 | 6.578733 | .0109535 | 3.766878 | .1060344 |
| Stddev | .0010295 | .08236   | .007936  | .0039494 | .022964  | .0017327 |
| %RSD   | 12.90038 | .4464155 | .1206238 | 36.05649 | .6096256 | 1.634091 |
| #1     | .0090548 | 18.51706 | 6.571477 | .0154994 | 3.746456 | .1068054 |
| #2     | .0070025 | 18.35786 | 6.577515 | .0083661 | 3.791736 | .1040500 |
| #3     | .0078838 | 18.47408 | 6.587207 | .0089949 | 3.762442 | .1072477 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.249629 |
| Stddev | .007214  |
| %RSD   | .3206568 |
| #1     | 2.243843 |
| #2     | 2.257711 |
| #3     | 2.247332 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 836.9122 | 21157.90 | 2595.508 | 697.5601 | 1348.133 |
| Stddev    | 1.5975   | 65.27    | 2.852    | 3.8281   | 1.288    |
| %RSD      | .1908757 | .3085026 | .1098729 | .5487809 | .0955587 |
| #1        | 838.3306 | 21145.51 | 2598.701 | 694.9440 | 1346.736 |
| #2        | 837.2243 | 21099.70 | 2593.213 | 701.9538 | 1349.274 |
| #3        | 835.1817 | 21228.47 | 2594.610 | 695.7825 | 1348.390 |

Sample Name: CCV015      Acquired: 11/01/2024 3:21:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV015      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.001509 | 4.834275 | 24.42950 | 4.871193 | 4.929931 | 406.3100 | 10.35135 |
| Stddev | .018841  | .028234  | .02715   | .026101  | .013031  | 20.4782  | .51122   |
| %RSD   | .3767122 | .5840434 | .1111318 | .5358266 | .2643162 | 5.040046 | 4.938713 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.019179 | 4.866593 | 24.45618 | 4.879168 | 4.932827 | 387.4007 | 9.87629  |
| #2 | 5.003665 | 4.821833 | 24.40190 | 4.842035 | 4.915696 | 403.4690 | 10.28541 |
| #3 | 4.981682 | 4.814399 | 24.43041 | 4.892377 | 4.941270 | 428.0605 | 10.89234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5011694 | 2.449030 | 401.3681 | 15.46387 | 2.494330 | 14.85369 | 395.9552 |
| Stddev | .0230055 | .005646  | 20.3794  | .02360   | .005686  | .74942   | 19.8773  |
| %RSD   | 4.590373 | .2305219 | 5.077478 | .1526048 | .2279613 | 5.045375 | 5.020077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4801167 | 2.455505 | 382.5481 | 15.48919 | 2.500666 | 14.17528 | 377.4793 |
| #2 | .4976656 | 2.445141 | 398.5440 | 15.45993 | 2.492650 | 14.72764 | 393.3997 |
| #3 | .5257258 | 2.446444 | 423.0122 | 15.44249 | 2.489672 | 15.65814 | 416.9866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.16793 | 390.2310 | 2.478392 | 1.288222 | 413.4535 | 2.430381 | 14.75979 |
| Stddev | .70330   | 19.7414  | .005111  | .001365  | 20.8689  | .129322  | .07035   |
| %RSD   | 4.964048 | 5.058903 | .2062232 | .1059804 | 5.047451 | 5.321049 | .4766203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.51543 | 371.9355 | 2.484293 | 1.286645 | 394.3759 | 2.320835 | 14.78285 |
| #2 | 14.07546 | 387.6025 | 2.475522 | 1.289026 | 410.2430 | 2.397269 | 14.68080 |
| #3 | 14.91289 | 411.1549 | 2.475362 | 1.288994 | 435.7415 | 2.573040 | 14.81571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.1555 | 5.068753 | 5.195534 | 4.868802 | 5.100272 | 4.999004 | 4.945938 |
| Stddev | 7.5613   | .026823  | .234021  | .011488  | .014510  | .219676  | .014526  |
| %RSD   | 4.873363 | .5291931 | 4.504270 | .2359521 | .2844896 | 4.394390 | .2937019 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 148.4505 | 5.061398 | 4.979024 | 4.880424 | 5.084270 | 4.793982 | 4.955636 |
| #2 | 153.6651 | 5.046375 | 5.163759 | 4.857452 | 5.112571 | 4.972163 | 4.929237 |
| #3 | 163.3511 | 5.098487 | 5.443819 | 4.868531 | 5.103976 | 5.230867 | 4.952942 |



Sample Name: CCV015      Acquired: 11/01/2024 3:21:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV015      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.942515 | 5.320904 | 5.088845 |
| Stddev | .257623  | .274106  | .250011  |
| %RSD   | 5.212380 | 5.151486 | 4.912927 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.711457 | 5.074795 | 4.857162 |
| #2 | 4.895782 | 5.271602 | 5.055531 |
| #3 | 5.220305 | 5.616314 | 5.353844 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.0487 | 20413.19 | 2498.764 | 621.6411 | 1418.772 |
| Stddev    | .7433    | 30.06    | 107.822  | 2.4354   | 1.275    |
| %RSD      | .0959028 | .1472736 | 4.315031 | .3917746 | .0898987 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 774.5011 | 20441.73 | 2602.664 | 621.4279 | 1418.175 |
| #2 | 775.8949 | 20381.81 | 2506.221 | 624.1762 | 1417.906 |
| #3 | 774.7503 | 20416.04 | 2387.407 | 619.3193 | 1420.237 |

Sample Name: CCB015      Acquired: 11/01/2024 3:25:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB015      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011195 | .0009868 | .0023760 | .0020984 | -.002580 | .0333244 | -.001172 |
| Stddev | .0053022 | .0025128 | .0022417 | .0013251 | .001863  | .0135535 | .000807  |
| %RSD   | 473.6424 | 254.6335 | 94.34423 | 63.14640 | 72.21056 | 40.67146 | 68.92558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017411 | .0012891 | .0048909 | .0032588 | -.003210 | .0417940 | -.001416 |
| #2 | .0060835 | -.001663 | .0005881 | .0006546 | -.004045 | .0404869 | -.001829 |
| #3 | -.004466 | .003335  | .0016491 | .0023819 | -.000483 | .0176923 | -.000270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001396 | .0002027 | .0371259 | .0009966 | -.000120 | .0042636 | .0484642 |
| Stddev | .0000703 | .0001493 | .0241065 | .0006426 | .000254  | .0009776 | .0417177 |
| %RSD   | 50.36984 | 73.62830 | 64.93183 | 64.47507 | 212.5326 | 22.92945 | 86.07951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000681 | .0000304 | .0626310 | .0015335 | .000075  | .0053901 | .0293852 |
| #2 | .0002087 | .0002887 | .0147172 | .0002846 | -.000027 | .0037628 | .0196975 |
| #3 | .0001421 | .0002891 | .0340295 | .0011718 | -.000408 | .0036378 | .0963098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003193 | -.170265 | .0002212 | -.004021 | .5173049 | -.012337 | .0007651 |
| Stddev | .0011371 | .076249  | .0005858 | .000661  | .1881524 | .017794  | .0001366 |
| %RSD   | 356.1231 | 44.78218 | 264.8209 | 16.43288 | 36.37166 | 144.2287 | 17.85754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008979 | -.086417 | .0005809 | -.004634 | .3007162 | -.009010 | .0006075 |
| #2 | .0010507 | -.188930 | .0005376 | -.004107 | .6108229 | -.031560 | .0008381 |
| #3 | -.000991 | -.235448 | -.000455 | -.003321 | .6403755 | .003558  | .0008496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.370209 | .0022554 | .0072845 | .0001725 | -.023840 | .0007045 | .0013796 |
| Stddev | .048159  | .0018039 | .0015930 | .0001206 | .005596  | .0005185 | .0011246 |
| %RSD   | 13.00870 | 79.97867 | 21.86889 | 69.90089 | 23.47377 | 73.59105 | 81.51351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.315018 | .0014554 | .0079908 | .0001822 | -.026184 | .0008107 | .0000858 |
| #2 | -.403702 | .0009899 | .0084023 | .0000473 | -.027883 | .0011617 | .0019310 |
| #3 | -.391907 | .0043209 | .0054604 | .0002879 | -.017453 | .0001412 | .0021221 |

Sample Name: CCB015      Acquired: 11/01/2024 3:25:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB015      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000002 | .0097932 | .0001977 |
| Stddev | .000939  | .0006947 | .0001622 |
| %RSD   | 38252.90 | 7.094061 | 82.04636 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000515 | .0094148 | .0001427 |
| #2 | .001081  | .0105950 | .0000702 |
| #3 | -.000574 | .0093697 | .0003803 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 959.4937 | 22450.74 | 2581.262 | 791.9048 | 1874.268 |
| Stddev    | 2.0325   | 41.30    | 16.763   | 2.4791   | 4.694    |
| %RSD      | .2118274 | .1839375 | .6493989 | .3130589 | .2504286 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 957.8270 | 22496.58 | 2600.146 | 791.9242 | 1870.574 |
| #2 | 958.8960 | 22439.21 | 2575.496 | 789.4160 | 1872.679 |
| #3 | 961.7580 | 22416.44 | 2568.143 | 794.3741 | 1879.549 |

Sample Name: P4498-21      Acquired: 11/01/2024 3:30:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJDJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001082 | -.049280 | .2121907 | -.014693 | .0013486 | 125.2819 |
| Stddev | .020547  | .001379  | .0027880 | .007777  | .0012746 | 10.8510  |
| %RSD   | 1898.757 | 2.797633 | 1.313937 | 52.93143 | 94.50901 | 8.661262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .020541  | -.050132 | .2097115 | -.022621 | -.000123 | 119.1374 |
| #2 | -.020349 | -.047689 | .2152089 | -.014382 | .002101  | 137.8107 |
| #3 | -.003438 | -.050018 | .2116518 | -.007076 | .002068  | 118.8975 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6152570 | .0074045 | .0133715 | F 1985.133 | 3.348321 | .2807052 |
| Stddev | .0536118 | .0005409 | .0013998 | 86.609     | .007631  | .0006889 |
| %RSD   | 8.713730 | 7.305104 | 10.46867 | 4.362863   | .2279064 | .2454120 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5849211 | .0071222 | .0146418 | 1945.602 | 3.340672 | .2801974 |
| #2 | .6771586 | .0080281 | .0118707 | 2084.454 | 3.355934 | .2804288 |
| #3 | .5836915 | .0070631 | .0136022 | 1925.344 | 3.348359 | .2814893 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3431767 | 302.5260 | 4.465000 | 314.5941 | 3.247612 | .0098228 |
| Stddev | .0295849 | 26.1360  | .388018  | 27.2322  | .004710  | .0020714 |
| %RSD   | 8.620897 | 8.639242 | 8.690206 | 8.656285 | .1450267 | 21.08757 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3315020 | 288.1590 | 4.239445 | 300.5386 | 3.243988 | .0103709 |
| #2 | .3768178 | 332.6938 | 4.913040 | 345.9821 | 3.252936 | .0075325 |
| #3 | .3212105 | 286.7251 | 4.242514 | 297.2616 | 3.245913 | .0115650 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.092850 | .9545432 | .7242816 | 11.75109 | 6.635573 | .3586724 |
| Stddev | .663056  | .0754686 | .0041695 | 1.34660  | .011696  | .0316190 |
| %RSD   | 9.348227 | 7.906251 | .5756738 | 11.45937 | .1762632 | 8.815556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.610344 | .9164157 | .7268550 | 11.00305 | 6.629639 | .3395635 |
| #2 | 7.848917 | 1.041469 | .7194710 | 13.30564 | 6.628032 | .3951693 |
| #3 | 6.819288 | .905745  | .7265188 | 10.94457 | 6.649046 | .3412845 |

Sample Name: P4498-21      Acquired: 11/01/2024 3:30:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0160297 | 7.313817 | 10.03838 | .0216788 | 5.690721 | .1819043 |
| Stddev | .0011295 | .022852  | .73956   | .0055115 | .490422  | .0156778 |
| %RSD   | 7.046096 | .3124476 | 7.367359 | 25.42359 | 8.617922 | 8.618682 |
| #1     | .0155258 | 7.289025 | 9.65233  | .0275113 | 5.420616 | .1758912 |
| #2     | .0152398 | 7.334039 | 10.89108 | .0165571 | 6.256814 | .1996985 |
| #3     | .0173234 | 7.318386 | 9.57172  | .0209681 | 5.394733 | .1701232 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.880774 |
| Stddev | .342330  |
| %RSD   | 8.821187 |
| #1     | 3.688926 |
| #2     | 4.276007 |
| #3     | 3.677390 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 864.9421 | 21645.57 | 2573.559 | 718.8259 | 1354.635 |
| Stddev    | 1.0585   | 38.67    | 182.579  | 3.7366   | .995     |
| %RSD      | .1223725 | .1786664 | 7.094434 | .5198185 | .0734457 |
| #1        | 865.6684 | 21683.09 | 2672.401 | 715.4027 | 1354.156 |
| #2        | 863.7277 | 21605.84 | 2362.868 | 722.8120 | 1353.970 |
| #3        | 865.4303 | 21647.79 | 2685.409 | 718.2631 | 1355.779 |

Sample Name: P4498-22      Acquired: 11/01/2024 3:34:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJDJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019704 | -.061572 | .1642094 | -.009323 | .0030022 | 127.6363 |
| Stddev | .0048885 | .004275  | .0062720 | .006603  | .0019177 | .1249    |
| %RSD   | 248.0923 | 6.942375 | 3.819505 | 70.82093 | 63.87766 | .0978581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002249 | -.064659 | .1589571 | -.001701 | .0042890 | 127.7765 |
| #2 | .007328  | -.063365 | .1711538 | -.013302 | .0007981 | 127.5368 |
| #3 | .000832  | -.056693 | .1625173 | -.012965 | .0039193 | 127.5955 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7785028 | .0086897 | .0145221 | F 1305.897 | 2.481973 | .3114562 |
| Stddev | .0035906 | .0003146 | .0002993 | 6.913      | .004017  | .0024483 |
| %RSD   | .4612136 | 3.620111 | 2.061347 | .5293299   | .1618422 | .7860713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7808661 | .0084056 | .0142441 | 1299.567 | 2.477587 | .3119265 |
| #2 | .7802713 | .0086355 | .0144833 | 1304.852 | 2.482859 | .3088068 |
| #3 | .7743710 | .0090278 | .0148390 | 1313.273 | 2.485473 | .3136351 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3612328 | 369.3229 | 5.250520 | 285.6188 | 3.158478 | -.006327 |
| Stddev | .0030379 | 1.2202   | .015150  | 1.0313   | .009811  | .000601  |
| %RSD   | .8409750 | .3303964 | .2885470 | .3610620 | .3106120 | 9.501905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3578056 | 370.2256 | 5.258474 | 286.3609 | 3.148250 | -.006897 |
| #2 | .3635938 | 367.9346 | 5.260037 | 284.4412 | 3.159374 | -.006385 |
| #3 | .3622991 | 369.8084 | 5.233050 | 286.0542 | 3.167809 | -.005699 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.633575 | 1.006741 | .6971321 | 11.30479 | 7.956156 | .4041787 |
| Stddev | .059027  | .004746  | .0021654 | .02923   | .008128  | .0061649 |
| %RSD   | .7732610 | .4714292 | .3106191 | .2585839 | .1021582 | 1.525294 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.636446 | 1.009522 | .6985006 | 11.31353 | 7.961594 | .4104517 |
| #2 | 7.573164 | 1.001261 | .6982601 | 11.32865 | 7.946812 | .3981279 |
| #3 | 7.691114 | 1.009440 | .6946355 | 11.27218 | 7.960061 | .4039565 |

Sample Name: P4498-22      Acquired: 11/01/2024 3:34:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJD6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0177726 | 22.49872 | 8.496097 | .0283531 | 5.871443 | .1971880 |
| Stddev | .0008473 | .06322   | .010023  | .0047662 | .001008  | .0009894 |
| %RSD   | 4.767165 | .2810009 | .1179705 | 16.81008 | .0171635 | .5017519 |
| #1     | .0170396 | 22.51229 | 8.502972 | .0228932 | 5.870517 | .1967940 |
| #2     | .0187002 | 22.42981 | 8.484597 | .0316818 | 5.872516 | .1964563 |
| #3     | .0175778 | 22.55405 | 8.500722 | .0304843 | 5.871295 | .1983137 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 3.144295 |
| Stddev | .009876  |
| %RSD   | .3140945 |
| #1     | 3.152421 |
| #2     | 3.147161 |
| #3     | 3.133303 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.2336 | 22324.99 | 2729.459 | 747.6116 | 1401.681 |
| Stddev    | .5160    | 61.43    | 5.087    | 1.6317   | 2.129    |
| %RSD      | .0578981 | .2751626 | .1863691 | .2182579 | .1518629 |
| #1        | 890.6417 | 22394.84 | 2728.029 | 748.0516 | 1400.348 |
| #2        | 891.4697 | 22300.78 | 2735.108 | 745.8050 | 1404.136 |
| #3        | 891.5892 | 22279.36 | 2725.241 | 748.9783 | 1400.559 |

Sample Name: PB164535BL      Acquired: 11/01/2024 3:39:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS535      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002030 | -.001411 | .0006211 | .0002615 | -.000372 | .0322005 | -.001463 |
| Stddev | .002795  | .001537  | .0017025 | .0049414 | .001125  | .0097122 | .000579  |
| %RSD   | 137.6520 | 108.8750 | 274.1035 | 1889.489 | 302.8693 | 30.16168 | 39.61260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005168 | -.000200 | -.000130 | -.004627 | .000924  | .0221057 | -.002003 |
| #2 | .000193  | -.000894 | .002570  | .000157  | -.001104 | .0414785 | -.000851 |
| #3 | -.001116 | -.003140 | -.000577 | .005254  | -.000935 | .0330173 | -.001533 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001150 | -.000000 | .0735900 | .0003170 | .0004945 | .0003021 | .0445777 |
| Stddev | .0001827 | .000116  | .0250277 | .0004595 | .0004696 | .0028744 | .0229629 |
| %RSD   | 158.7956 | 35116.13 | 34.00959 | 144.9572 | 94.96521 | 951.4034 | 51.51209 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001014 | .000084  | .0973525 | .0001326 | .0010200 | -.002910 | .0195354 |
| #2 | .0003041 | -.000133 | .0759528 | .0008400 | .0003476 | .001184  | .0646459 |
| #3 | -.000060 | .000048  | .0474648 | -.000022 | .0001159 | .002632  | .0495517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011895 | -.047429 | .0006338 | -.003883 | .4179067 | -.006796 | -.000037 |
| Stddev | .0000539 | .054358  | .0004087 | .000138  | .1624651 | .006234  | .000073  |
| %RSD   | 4.527157 | 114.6092 | 64.48713 | 3.559410 | 38.87593 | 91.73482 | 197.2676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012485 | -.109373 | .0002563 | -.003852 | .3946150 | -.003967 | -.000074 |
| #2 | .0011429 | -.025237 | .0010678 | -.003763 | .5907606 | -.002478 | .000047  |
| #3 | .0011771 | -.007678 | .0005772 | -.004034 | .2683444 | -.013943 | -.000084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.377448 | .0000212 | .0020666 | -.000018 | -.020902 | .0008883 | .0022376 |
| Stddev | .071443  | .0017747 | .0005579 | .000246  | .000530  | .0013145 | .0018460 |
| %RSD   | 18.92780 | 8373.900 | 26.99399 | 1354.577 | 2.534774 | 147.9764 | 82.50016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.407645 | .0006029 | .0020276 | -.000118 | -.021155 | -.000572 | .0030070 |
| #2 | -.428834 | -.001971 | .0015293 | .000262  | -.020293 | .001259  | .0001313 |
| #3 | -.295865 | .001432  | .0026429 | -.000199 | -.021258 | .001977  | .0035746 |



Sample Name: PB164535BL      Acquired: 11/01/2024 3:39:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS535      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006402 | .0081538 | .0001554 |
| Stddev | .0017712 | .0005725 | .0000992 |
| %RSD   | 276.6829 | 7.020943 | 63.87495 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000980 | .0074928 | .0001197 |
| #2 | .002531  | .0084749 | .0002675 |
| #3 | .000369  | .0084935 | .0000789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 955.3141 | 22328.90 | 2555.007 | 793.9481 | 1857.800 |
| Stddev    | 1.7307   | 81.54    | 4.800    | 2.9234   | 4.323    |
| %RSD      | .1811655 | .3651675 | .1878670 | .3682087 | .2326726 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 953.8757 | 22242.65 | 2549.771 | 793.6939 | 1861.244 |
| #2 | 954.8317 | 22339.32 | 2556.050 | 791.1601 | 1852.950 |
| #3 | 957.2348 | 22404.72 | 2559.200 | 796.9902 | 1859.207 |

Sample Name: PB164535BS      Acquired: 11/01/2024 3:43:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS535      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209830 | .0541028 | .0202440 | .0634604 | .1121404 | .4071009 |
| Stddev | .0060992 | .0006327 | .0023168 | .0046109 | .0030655 | .0052454 |
| %RSD   | 29.06719 | 1.169340 | 11.44439 | 7.265774 | 2.733660 | 1.288472 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0172285 | .0533881 | .0218083 | .0671802 | .1129064 | .4121943 |
| #2 | .0280204 | .0543294 | .0175824 | .0583016 | .1147502 | .4017157 |
| #3 | .0177001 | .0545910 | .0213412 | .0648993 | .1087645 | .4073926 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4331948 | .0108706 | .0102222 | 10.88060 | .0226594 | .0995083 |
| Stddev | .0018538 | .0002934 | .0000334 | .02380   | .0006682 | .0004053 |
| %RSD   | .4279286 | 2.699203 | .3266705 | .2187736 | 2.948904 | .4073415 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4310544 | .0106570 | .0102597 | 10.85684 | .0221713 | .0993278 |
| #2 | .4342503 | .0107497 | .0101956 | 10.88051 | .0234209 | .0999726 |
| #3 | .4342798 | .0112052 | .0102113 | 10.90445 | .0223860 | .0992247 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0508608 | .2394602 | .0320412 | 10.47627 | .0836807 | .0200642 |
| Stddev | .0015087 | .0091112 | .0007227 | .12067   | .0006460 | .0011131 |
| %RSD   | 2.966349 | 3.804880 | 2.255398 | 1.151868 | .7720296 | 5.547587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0505720 | .2498450 | .0312927 | 10.46069 | .0832638 | .0189535 |
| #2 | .0495173 | .2357277 | .0327349 | 10.60397 | .0844249 | .0200595 |
| #3 | .0524930 | .2328080 | .0320960 | 10.36414 | .0833535 | .0211797 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.08677 | .1036663 | .1157955 | 9.664121 | .0203973 | F .0024566 |
| Stddev | .14908   | .0079674 | .0006016 | .101965  | .0016702 | .0008873   |
| %RSD   | 1.344628 | 7.685614 | .5194994 | 1.055089 | 8.188245 | 36.11986   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.14515 | .1127442 | .1158053 | 9.745931 | .0207301 | .0024932 |
| #2 | 11.19783 | .1004207 | .1163922 | 9.696544 | .0218761 | .0033251 |
| #3 | 10.91734 | .0978339 | .1151892 | 9.549886 | .0185858 | .0015516 |

Sample Name: PB164535BS      Acquired: 11/01/2024 3:43:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS535      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |            |
|--------|------------|----------|------------|----------|----------|------------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | F .0199016 | .1470678 | F .4603850 | .0128470 | .2032528 | F .0392341 |
| Stddev | .0001652   | .0048618 | .0032003   | .0014419 | .0012206 | .0017633   |
| %RSD   | .8299079   | 3.305839 | .6951272   | 11.22339 | .6005193 | 4.494408   |
| #1     | .0197471   | .1517400 | .4640779   | .0144180 | .2046093 | .0408778   |
| #2     | .0200757   | .1474272 | .4584207   | .0115840 | .2029060 | .0373715   |
| #3     | .0198819   | .1420363 | .4586566   | .0125391 | .2022432 | .0394530   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2127231 |
| Stddev | .0005816 |
| %RSD   | .2734328 |
| #1     | .2120901 |
| #2     | .2132340 |
| #3     | .2128453 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 949.6026 | 22068.73 | 2548.917 | 779.6539 | 1816.547 |
| Stddev    | 3.1071   | 105.75   | 5.033    | 3.9844   | 4.242    |
| %RSD      | .3271983 | .4791677 | .1974724 | .5110479 | .2335095 |
| #1        | 949.6967 | 22174.63 | 2543.124 | 783.9525 | 1815.074 |
| #2        | 946.4495 | 22068.43 | 2552.218 | 776.0843 | 1813.238 |
| #3        | 952.6615 | 21963.14 | 2551.408 | 778.9248 | 1821.329 |

Sample Name: CCV016      Acquired: 11/01/2024 3:48:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV016      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.957325 | 4.848711 | 24.37227 | 4.896557 | 4.946244 | 414.0495 | 10.50248 |
| Stddev | .014047  | .011747  | .01198   | .013140  | .008795  | .1317    | .00855   |
| %RSD   | .2833573 | .2422795 | .0491382 | .2683582 | .1778161 | .0317986 | .0814293 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.941813 | 4.835678 | 24.36054 | 4.909287 | 4.951054 | 414.0250 | 10.49748 |
| #2 | 4.960977 | 4.858485 | 24.37180 | 4.897341 | 4.936093 | 413.9318 | 10.51235 |
| #3 | 4.969186 | 4.851969 | 24.38448 | 4.883042 | 4.951586 | 414.1917 | 10.49760 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5015527 | 2.447255 | 408.9942 | 15.51308 | 2.495786 | 15.11712 | 403.5961 |
| Stddev | .0007299 | .001796  | .1996    | .02431   | .002959  | .03277   | .9196    |
| %RSD   | .1455346 | .0733704 | .0488100 | .1567274 | .1185797 | .2167413 | .2278502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5021431 | 2.445186 | 409.0336 | 15.49367 | 2.492968 | 15.09971 | 403.8502 |
| #2 | .5007365 | 2.448179 | 408.7778 | 15.54035 | 2.495521 | 15.15492 | 402.5762 |
| #3 | .5017783 | 2.448400 | 409.1712 | 15.50524 | 2.498870 | 15.09674 | 404.3619 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.30426 | 397.6715 | 2.478740 | 1.290429 | 422.0970 | 2.493032 | 14.72888 |
| Stddev | .03677   | .7811    | .004294  | .007015  | .4239    | .025276  | .03886   |
| %RSD   | .2570561 | .1964135 | .1732298 | .5435949 | .1004204 | 1.013850 | .2638609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.27429 | 398.3916 | 2.475424 | 1.282415 | 422.1923 | 2.510224 | 14.69845 |
| #2 | 14.29321 | 396.8412 | 2.483590 | 1.293421 | 421.6337 | 2.464011 | 14.71553 |
| #3 | 14.34529 | 397.7818 | 2.477205 | 1.295452 | 422.4652 | 2.504861 | 14.77266 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.8679 | 5.062465 | 5.324345 | 4.877364 | 5.065547 | 5.100499 | 4.938799 |
| Stddev | .2673    | .013196  | .022750  | .010072  | .010811  | .019113  | .004586  |
| %RSD   | .1693148 | .2606603 | .4272746 | .2065108 | .2134170 | .3747347 | .0928608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.7117 | 5.049923 | 5.343705 | 4.865808 | 5.054983 | 5.122155 | 4.939317 |
| #2 | 158.1766 | 5.061243 | 5.299289 | 4.884278 | 5.065071 | 5.085984 | 4.933975 |
| #3 | 157.7155 | 5.076230 | 5.330041 | 4.882006 | 5.076588 | 5.093359 | 4.943104 |

Sample Name: CCV016      Acquired: 11/01/2024 3:48:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV016      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.036979 | 5.467032 | 5.163482 |
| Stddev | .003716  | .002462  | .002587  |
| %RSD   | .0737681 | .0450342 | .0501043 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.035435 | 5.467573 | 5.162921 |
| #2 | 5.034286 | 5.464344 | 5.166304 |
| #3 | 5.041218 | 5.469178 | 5.161222 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 773.1455 | 20268.81 | 2450.714 | 621.2068 | 1419.393 |
| Stddev    | .3809    | 48.25    | 7.724    | .8024    | .713     |
| %RSD      | .0492625 | .2380270 | .3151649 | .1291604 | .0502292 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 773.1216 | 20294.40 | 2442.576 | 621.6277 | 1419.648 |
| #2 | 772.7771 | 20213.16 | 2451.623 | 621.7112 | 1419.944 |
| #3 | 773.5378 | 20298.87 | 2457.943 | 620.2816 | 1418.588 |

Sample Name: CCB016      Acquired: 11/01/2024 3:52:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB016      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006047 | .0014226 | .0044490 | .0058896 | -.002076 | .0278961 | -.000991 |
| Stddev | .0034383 | .0027063 | .0046314 | .0026289 | .003085  | .0162604 | .000926  |
| %RSD   | 568.5670 | 190.2359 | 104.1003 | 44.63569 | 148.6371 | 58.28928 | 93.47068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016304 | -.000552 | -.000548 | .0030312 | -.004298 | .0183479 | .000063  |
| #2 | .0034135 | .004507  | .008597  | .0082038 | -.003376 | .0186693 | -.001362 |
| #3 | -.003230 | .000313  | .005298  | .0064338 | .001447  | .0466711 | -.001674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001876 | .0000014 | .0304804 | .0008676 | .0006055 | .0012052 | .0455812 |
| Stddev | .0001498 | .0000882 | .0054852 | .0002706 | .0002026 | .0029497 | .0331200 |
| %RSD   | 79.88134 | 6214.732 | 17.99590 | 31.18626 | 33.46033 | 244.7423 | 72.66158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002508 | -.000060 | .0330757 | .0005973 | .0005769 | .0044097 | .0627456 |
| #2 | .0000165 | .000103  | .0241792 | .0011385 | .0008209 | .0006027 | .0665959 |
| #3 | .0002954 | -.000038 | .0341863 | .0008670 | .0004188 | -.001397 | .0074022 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000194 | -.024355 | .0000679 | -.002715 | .5193323 | -.012139 | .0007286 |
| Stddev | .0013694 | .021981  | .0002884 | .001017  | .3054659 | .004737  | .0002291 |
| %RSD   | 7053.415 | 90.25001 | 424.7565 | 37.46525 | 58.81897 | 39.02165 | 31.44043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001455 | -.000785 | .0002254 | -.003566 | .3100339 | -.009197 | .0005812 |
| #2 | .000261  | -.044293 | -.000265 | -.001588 | .8698575 | -.017603 | .0009925 |
| #3 | .001252  | -.027988 | .000243  | -.002990 | .3781054 | -.009616 | .0006121 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.289064 | -.000524 | .0082481 | .0007176 | -.024083 | .0003436 | .0020129 |
| Stddev | .167810  | .001144  | .0017127 | .0004858 | .004064  | .0006284 | .0001638 |
| %RSD   | 58.05274 | 218.1956 | 20.76420 | 67.70060 | 16.87448 | 182.8860 | 8.136078 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.278813 | -.001274 | .0101060 | .0011264 | -.019706 | -.000088 | .0018241 |
| #2 | -.126615 | -.001091 | .0079061 | .0008458 | -.024807 | .001065  | .0021173 |
| #3 | -.461765 | .000792  | .0067323 | .0001805 | -.027736 | .000054  | .0020972 |

Sample Name: CCB016      Acquired: 11/01/2024 3:52:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB016      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001269 | .0115303 | .0001995 |
| Stddev | .0004690 | .0011891 | .0000913 |
| %RSD   | 369.6445 | 10.31308 | 45.76777 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004617 | .0101614 | .0001471 |
| #2 | -.000409 | .0123074 | .0001466 |
| #3 | .000328  | .0121222 | .0003050 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 949.6327 | 22249.29 | 2520.325 | 788.4251 | 1857.311 |
| Stddev    | 1.7153   | 48.54    | 37.476   | 1.0850   | .424     |
| %RSD      | .1806259 | .2181774 | 1.486946 | .1376167 | .0228367 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.7429 | 22277.62 | 2496.443 | 789.6062 | 1856.865 |
| #2 | 947.8651 | 22193.24 | 2501.014 | 788.1965 | 1857.709 |
| #3 | 951.2903 | 22277.02 | 2563.518 | 787.4726 | 1857.360 |