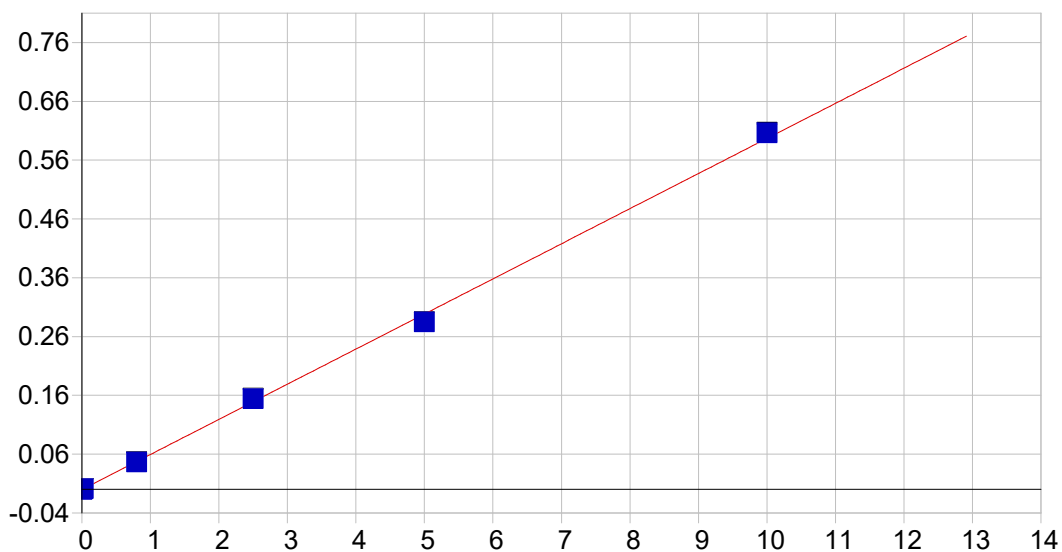




**As 189.042 {479}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000153

Re-Slope: 1.000000

A1 (Gain): 0.059709

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999496

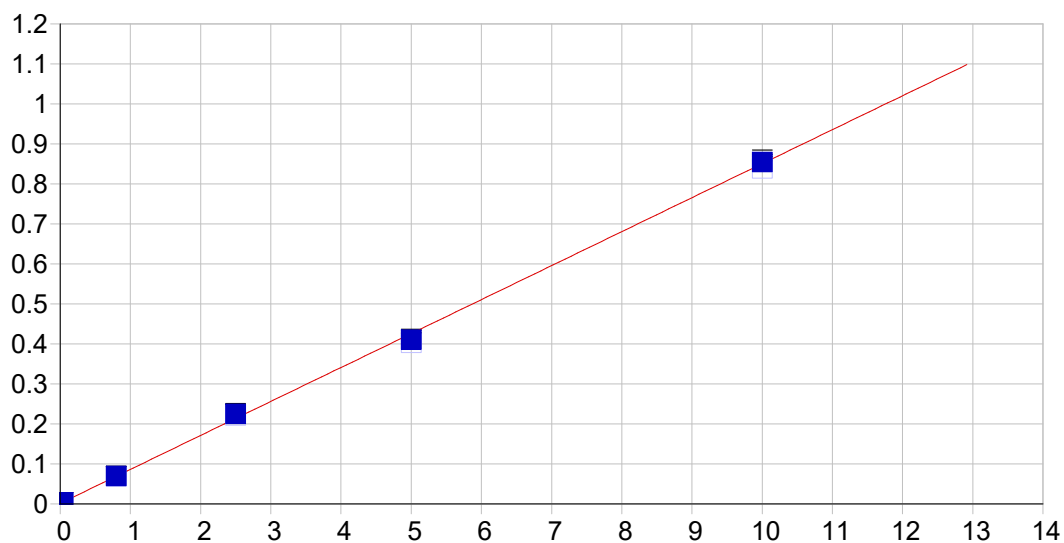
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.003021

Predicted MQL: 0.010071

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00015 | .000    | 1        |
| S1        | .02000       | .02577      | .006       | 28.9    | .00138  | .000    | 1        |
| S3        | 2.5000       | 2.5895      | .090       | 3.58    | .15430  | .001    | 1        |
| S4        | 5.0000       | 4.7693      | -.231      | -4.61   | .28429  | .000    | 1        |
| S5        | 10.000       | 10.156      | .156       | 1.56    | .60558  | .001    | 1        |
| S2        | .80000       | .77990      | -.020      | -2.51   | .04636  | .001    | 1        |



TI 190.856 {477}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001223

Re-Slope: 1.000000

A1 (Gain): 0.084935

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999602

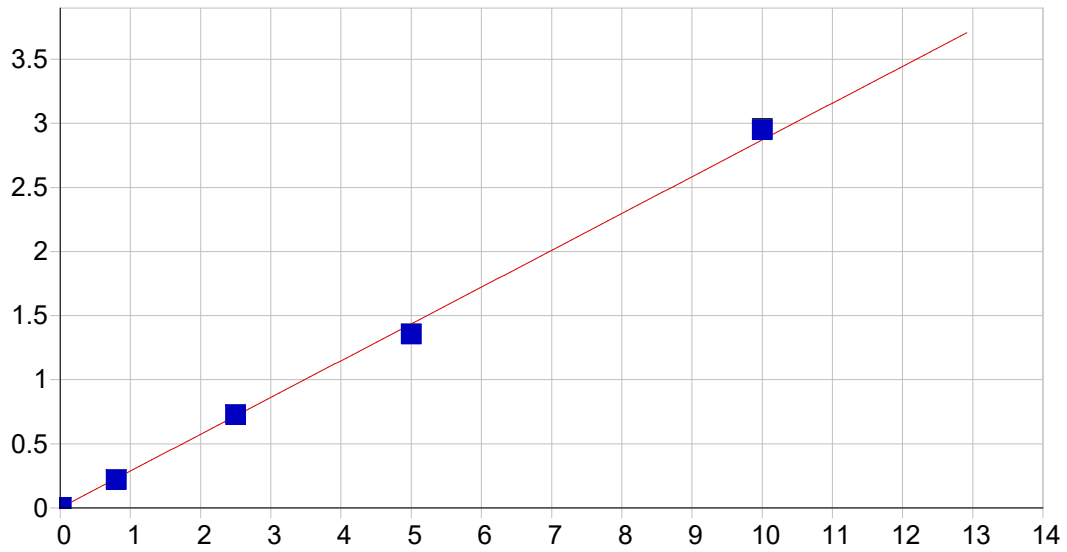
Status: OK.

Std Error of Est: 0.000078

Predicted MDL: 0.001902

Predicted MQL: 0.006339

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00122 | .000    | 1        |
| S1        | .04000       | .04234      | .002       | 5.85    | .00460 | .000    | 1        |
| S3        | 2.5000       | 2.6333      | .133       | 5.33    | .22097 | .001    | 1        |
| S4        | 5.0000       | 4.8182      | -.182      | -3.64   | .40263 | .001    | 1        |
| S5        | 10.000       | 10.044      | .044       | .443    | .83868 | .006    | 1        |
| S2        | .80000       | .80209      | .002       | .261    | .06810 | .000    | 1        |



#### Pb 220.353 {453}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000458

Re-Slope: 1.000000

A1 (Gain): 0.287025

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999298

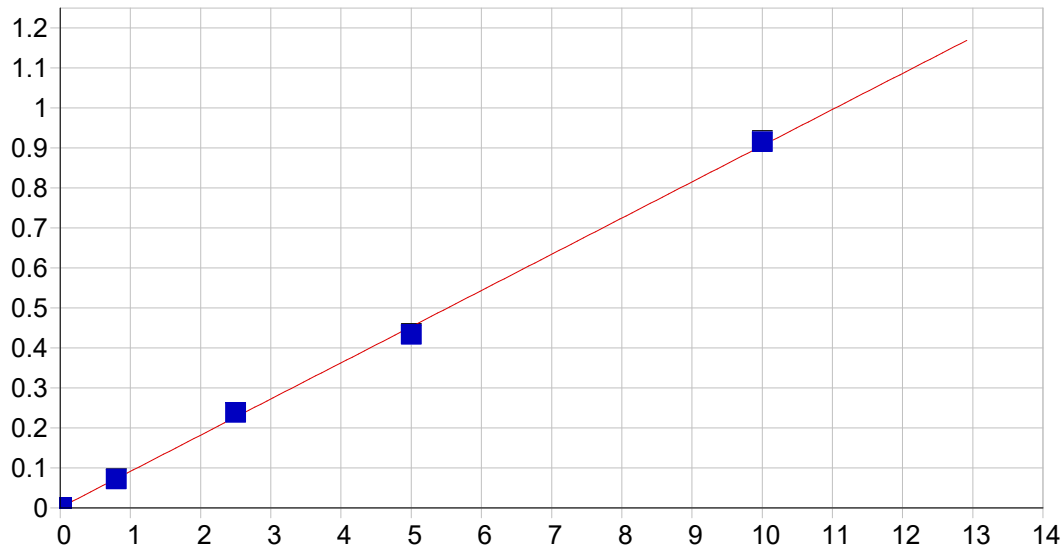
Status: OK.

Std Error of Est: 0.000195

Predicted MDL: 0.001472

Predicted MQL: 0.004908

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .01200       | .01356      | .002       | 13.0    | .00428 | .000    | 1        |
| S3        | 2.5000       | 2.5293      | .029       | 1.17    | .72564 | .002    | 1        |
| S4        | 5.0000       | 4.7207      | -.279      | -5.59   | 1.3538 | .002    | 1        |
| S5        | 10.000       | 10.283      | .283       | 2.83    | 2.9488 | .007    | 1        |
| S2        | .80000       | .76525      | -.035      | -4.34   | .21985 | .003    | 1        |



Se 196.090 {472}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000748

Re-Slope: 1.000000

A1 (Gain): 0.090494

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999528

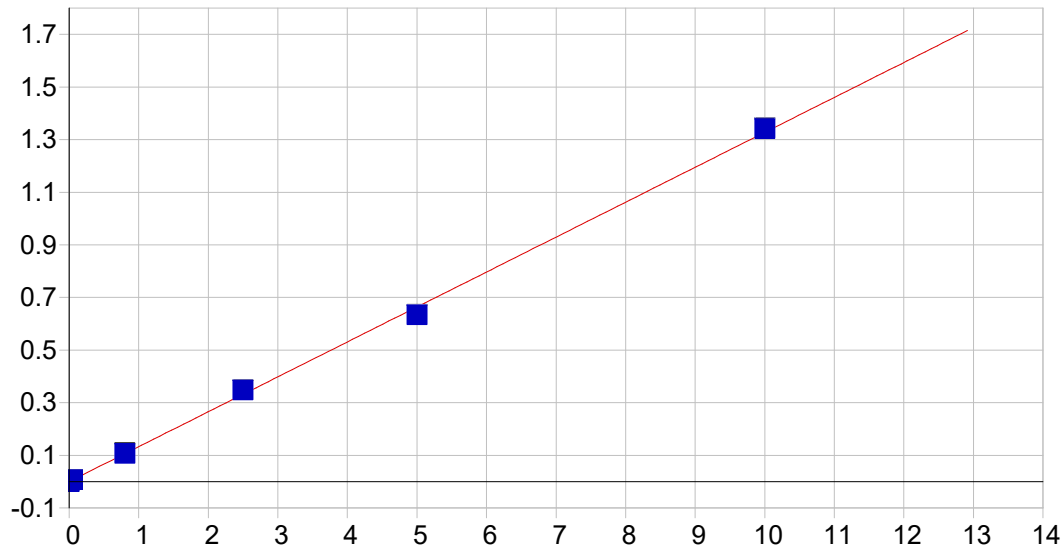
Status: OK.

Std Error of Est: 0.000065

Predicted MDL: 0.003052

Predicted MQL: 0.010172

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00075 | .000    | 1        |
| S1        | .02000       | .01810      | -.002      | -9.48   | .00239 | .000    | 1        |
| S3        | 2.5000       | 2.6238      | .124       | 4.95    | .23813 | .000    | 1        |
| S4        | 5.0000       | 4.7828      | -.217      | -4.34   | .43345 | .002    | 1        |
| S5        | 10.000       | 10.111      | .111       | 1.11    | .91552 | .002    | 1        |
| S2        | .80000       | .78401      | -.016      | -2.00   | .07168 | .001    | 1        |



**Sb 206.833 {463}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000018

Re-Slope: 1.000000

A1 (Gain): 0.132762

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999520

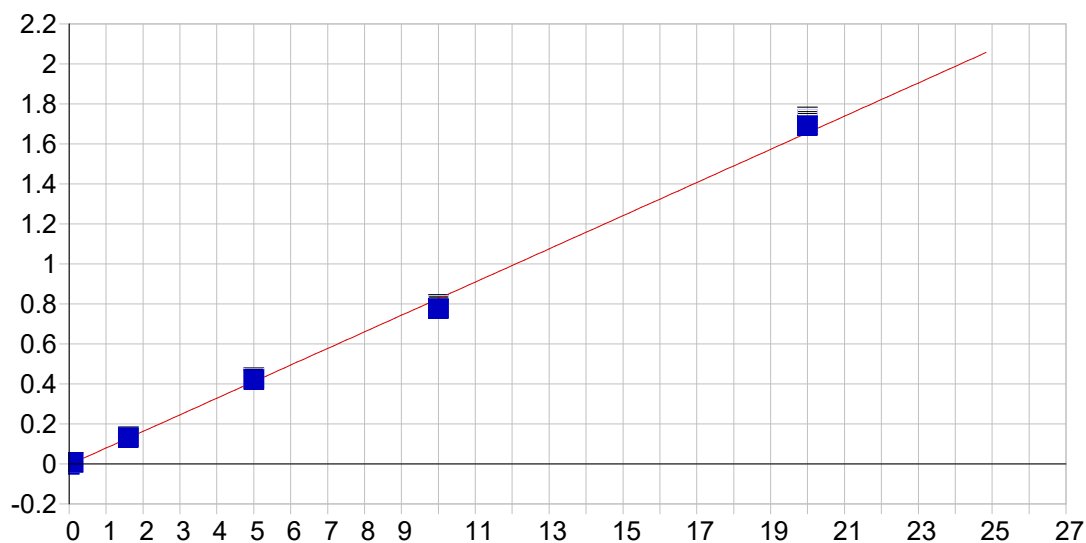
Status: OK.

Std Error of Est: 0.000153

Predicted MDL: 0.002687

Predicted MQL: 0.008957

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .05000       | .05517      | .005       | 10.3    | .00736 | .000    | 1        |
| S3        | 2.5000       | 2.6168      | .117       | 4.67    | .34833 | .001    | 1        |
| S4        | 5.0000       | 4.7693      | -.231      | -4.61   | .63501 | .001    | 1        |
| S5        | 10.000       | 10.103      | .103       | 1.03    | 1.3449 | .001    | 1        |
| S2        | .80000       | .80582      | .006       | .728    | .10729 | .001    | 1        |



AI 396.152 { 85}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003527

Re-Slope: 1.000000

A1 (Gain): 0.082970

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999315

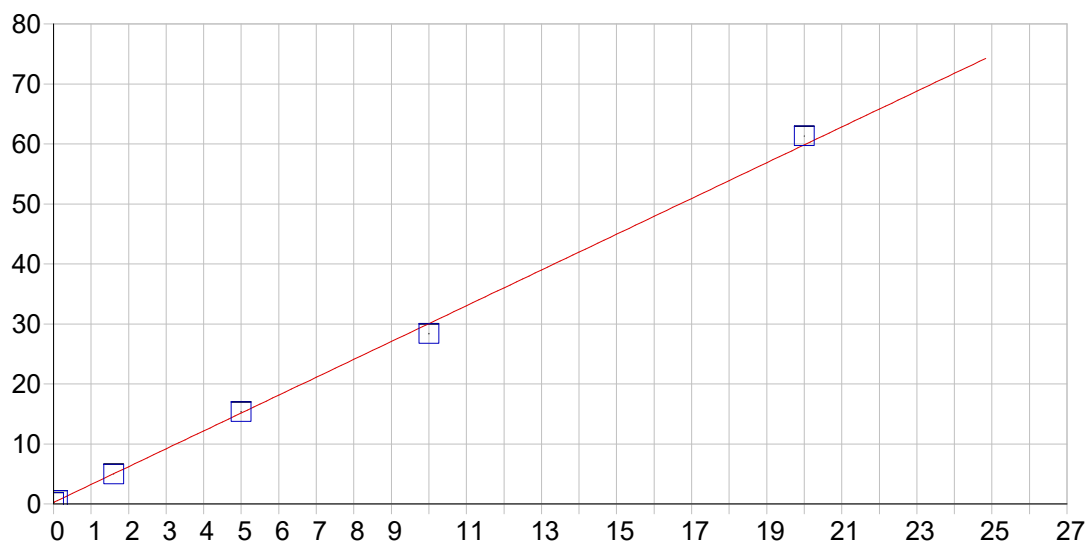
Status: OK.

Std Error of Est: 0.000232

Predicted MDL: 0.029589

Predicted MQL: 0.098631

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00353 | .003    | 1        |
| S1        | .10000       | .12011      | .020       | 20.1    | .00708  | .001    | 1        |
| S3        | 5.0000       | 5.1199      | .120       | 2.40    | .42932  | .001    | 1        |
| S4        | 10.000       | 9.4024      | -.598      | -5.98   | .79269  | .004    | 1        |
| S5        | 20.000       | 20.430      | .430       | 2.15    | 1.7237  | .011    | 1        |
| S2        | 1.6000       | 1.6267      | .027       | 1.67    | .13401  | .002    | 1        |



**Ba 493.409 { 68}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.251079

Re-Slope: 1.000000

A1 (Gain): 2.979683

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999387

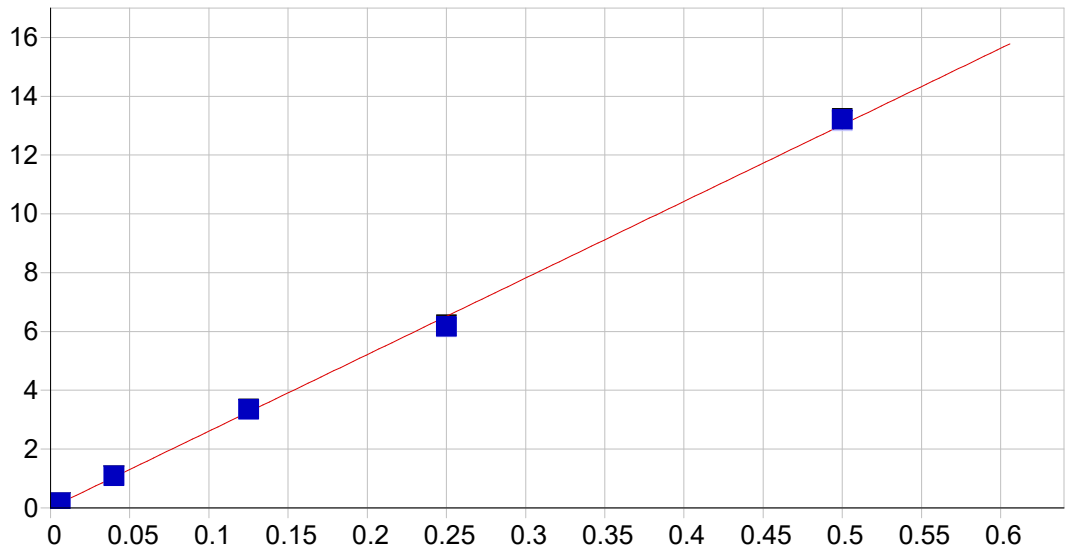
Status: OK.

Std Error of Est: 0.007742

Predicted MDL: 0.001897

Predicted MQL: 0.006322

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .25107 | .013    | 1        |
| S1        | .10000       | .10612      | .006       | 6.12    | .56728 | .015    | 1        |
| S3        | 5.0000       | 5.0679      | .068       | 1.36    | 15.352 | .040    | 1        |
| S4        | 10.000       | 9.4400      | -.560      | -5.60   | 28.379 | .062    | 1        |
| S5        | 20.000       | 20.497      | .497       | 2.48    | 61.325 | .029    | 1        |
| S2        | 1.6000       | 1.5893      | -.011      | -.670   | 4.9866 | .027    | 1        |



**Be 234.861 {144}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

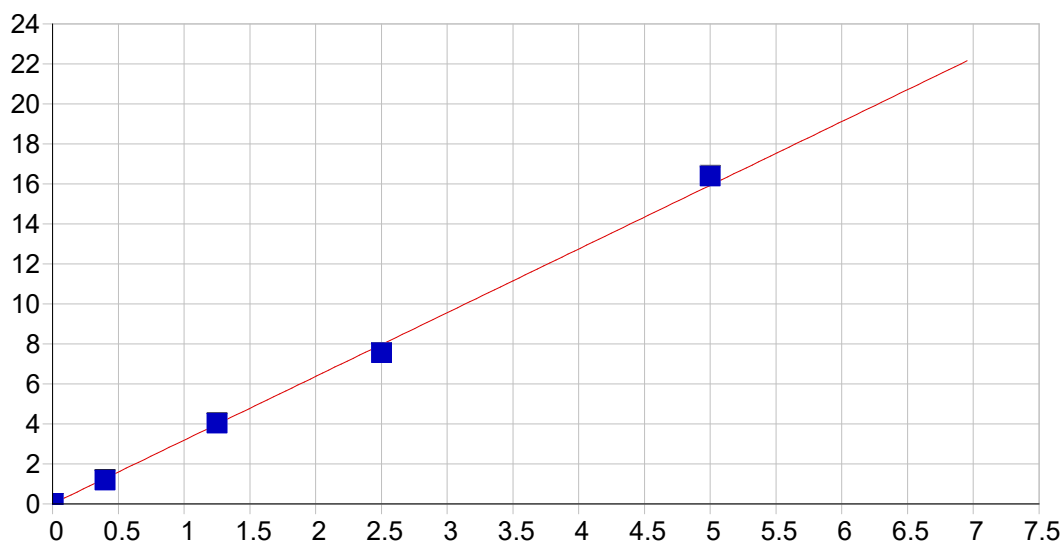
A0 (Offset): 0.004693  
 A1 (Gain): 26.045436  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999447  
 Std Error of Est: 0.002482  
 Predicted MDL: 0.000077  
 Predicted MQL: 0.000258

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00467 | .002    | 1        |
| S1        | .00600       | .00651      | .001       | 8.46    | .17302 | .001    | 1        |
| S3        | .12500       | .12850      | .004       | 2.80    | 3.3370 | .012    | 1        |
| S4        | .25000       | .23694      | -.013      | -5.22   | 6.1468 | .054    | 1        |
| S5        | .50000       | .50724      | .007       | 1.45    | 13.158 | .024    | 1        |
| S2        | .04000       | .04181      | .002       | 4.53    | 1.0890 | .007    | 1        |





**Cd 226.502 {449}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000670

Re-Slope: 1.000000

A1 (Gain): 3.186335

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999305

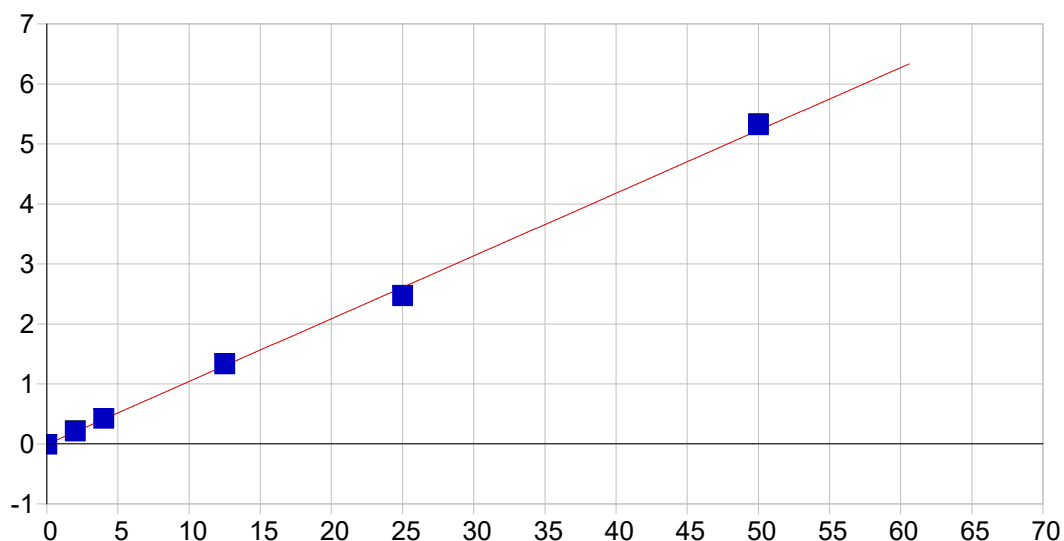
Status: OK.

Std Error of Est: 0.001079

Predicted MDL: 0.000106

Predicted MQL: 0.000355

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00067 | .000    | 1        |
| S1        | .00600       | .00589      | -.000      | -1.85   | .01950 | .000    | 1        |
| S3        | 1.2500       | 1.2652      | .015       | 1.22    | 4.0348 | .011    | 1        |
| S4        | 2.5000       | 2.3698      | -.130      | -5.21   | 7.5572 | .007    | 1        |
| S5        | 5.0000       | 5.1417      | .142       | 2.83    | 16.395 | .038    | 1        |
| S2        | .40000       | .37337      | -.027      | -6.66   | 1.1912 | .021    | 1        |



Ca 373.690 { 90}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006132

Re-Slope: 1.000000

A1 (Gain): 0.104632

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999464

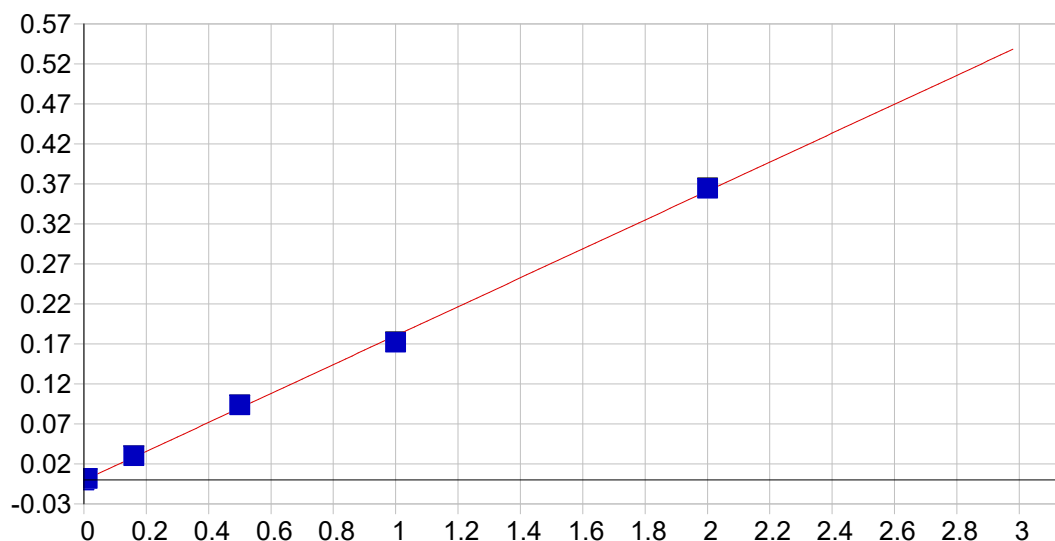
Status: OK.

Std Error of Est: 0.001808

Predicted MDL: 0.022436

Predicted MQL: 0.074788

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00010     | -.000      | .000    | -.00614 | .006    | 1        |
| S2        | 4.0000       | 4.0890      | .089       | 2.22    | .42052  | .003    | 1        |
| S3        | 12.500       | 12.756      | .256       | 2.05    | 1.3249  | .010    | 1        |
| S4        | 25.000       | 23.657      | -1.34      | -5.37   | 2.4618  | .008    | 1        |
| S5        | 50.000       | 50.910      | .910       | 1.82    | 5.3060  | .015    | 1        |
| S1        | 2.0000       | 2.0868      | .087       | 4.34    | .21207  | .003    | 1        |



**Cr 267.716 {126}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000498

Re-Slope: 1.000000

A1 (Gain): 0.180797

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999502

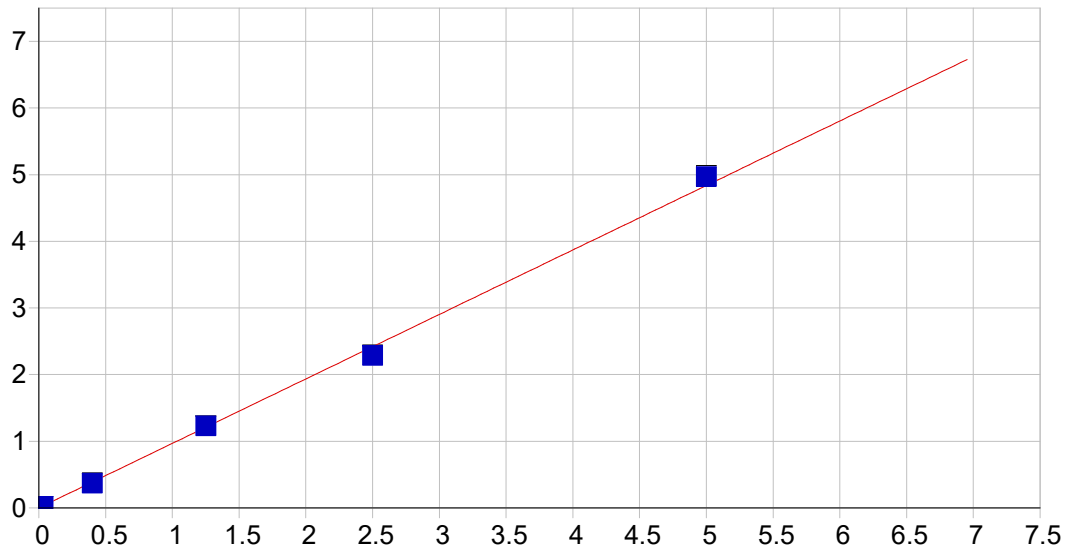
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.000816

Predicted MQL: 0.002720

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00050 | .000    | 1        |
| S1        | .01000       | .01102      | .001       | 10.2    | .00150  | .000    | 1        |
| S3        | .50000       | .51938      | .019       | 3.88    | .09343  | .000    | 1        |
| S4        | 1.0000       | .95318      | -.047      | -4.68   | .17189  | .001    | 1        |
| S5        | 2.0000       | 2.0179      | .018       | .895    | .36444  | .001    | 1        |
| S2        | .16000       | .16853      | .009       | 5.33    | .02998  | .000    | 1        |



**Co 228.616 {448}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000320

Re-Slope: 1.000000

A1 (Gain): 0.967559

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999336

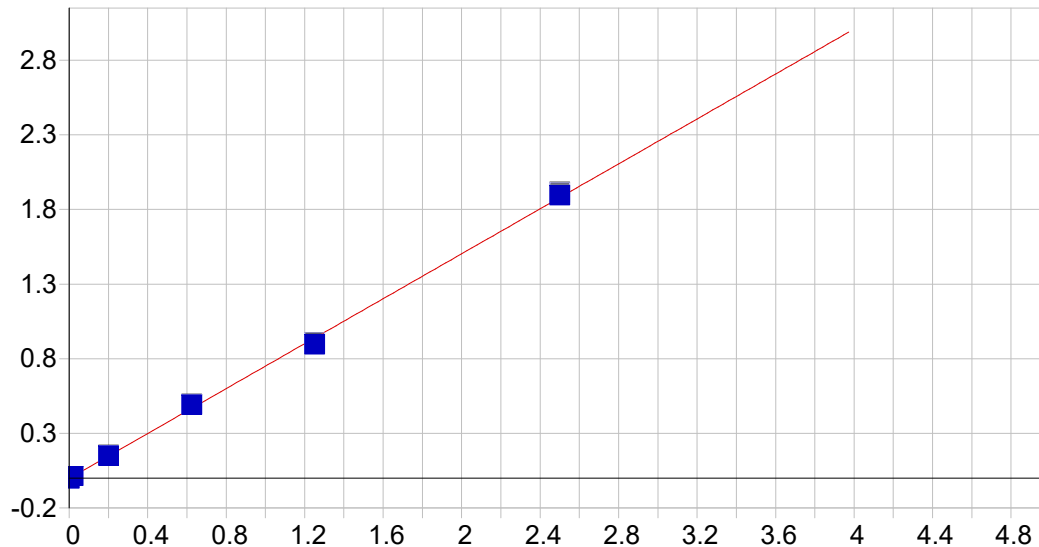
Status: OK.

Std Error of Est: 0.000718

Predicted MDL: 0.000315

Predicted MQL: 0.001051

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00032 | .000    | 1        |
| S1        | .03000       | .03017      | .000       | .576    | .02939 | .000    | 1        |
| S3        | 1.2500       | 1.2703      | .020       | 1.62    | 1.2314 | .003    | 1        |
| S4        | 2.5000       | 2.3636      | -.136      | -5.46   | 2.2913 | .002    | 1        |
| S5        | 5.0000       | 5.1345      | .135       | 2.69    | 4.9765 | .011    | 1        |
| S2        | .40000       | .38149      | -.019      | -4.63   | .37009 | .006    | 1        |

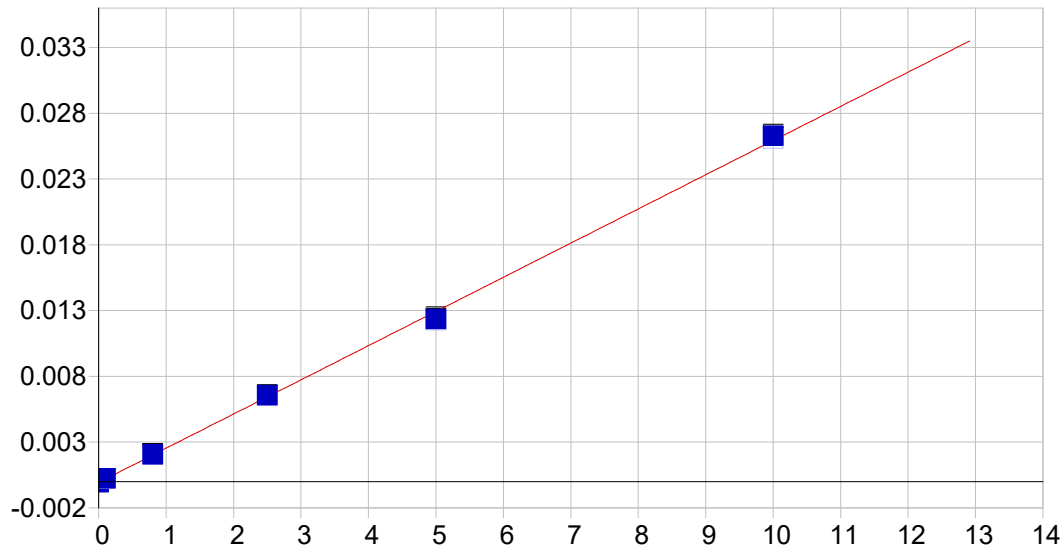


**Cu 224.700 {450}**

Date of Fit: 9/4/2024 8:57:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002937 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.753061  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999527  | Status:   | OK.      |
| Std Error of Est: | 0.000275  |           |          |
| Predicted MDL:    | 0.000652  |           |          |
| Predicted MQL:    | 0.002172  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00294 | .000    | 1        |
| S1        | .02000       | .02240      | .002       | 12.0    | .01413  | .000    | 1        |
| S3        | .62500       | .65559      | .031       | 4.89    | .49543  | .000    | 1        |
| S4        | 1.2500       | 1.1945      | -.055      | -4.44   | .90597  | .002    | 1        |
| S5        | 2.5000       | 2.5197      | .020       | .789    | 1.9133  | .003    | 1        |
| S2        | .20000       | .20275      | .003       | 1.37    | .15124  | .002    | 1        |



**Fe 240.488 {140}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000062

Re-Slope: 1.000000

A1 (Gain): 0.002599

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999601

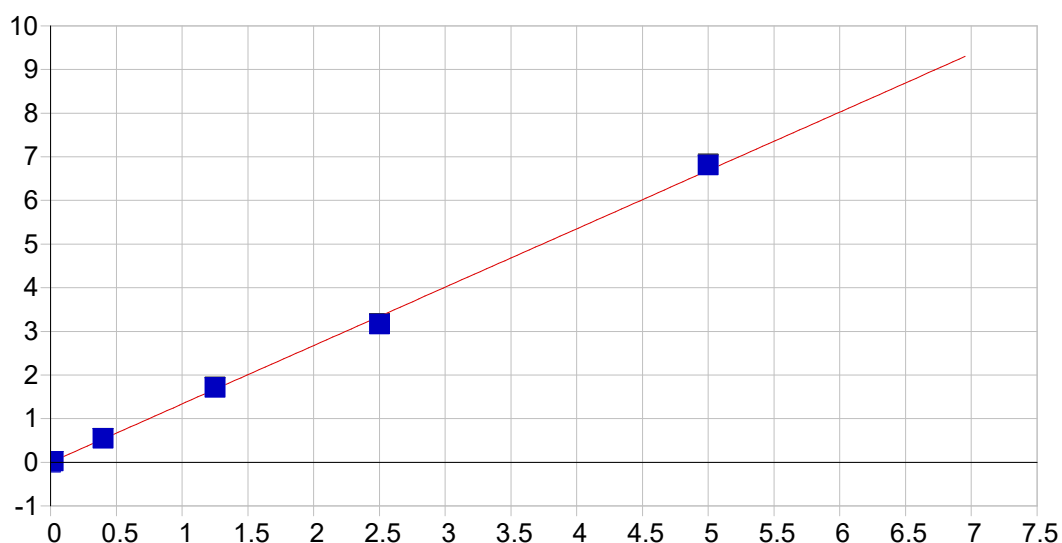
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.017016

Predicted MQL: 0.056720

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00006 | .000    | 1        |
| S1        | .10000       | .11134      | .011       | 11.3    | .00022  | .000    | 1        |
| S3        | 2.5000       | 2.5473      | .047       | 1.89    | .00650  | .000    | 1        |
| S4        | 5.0000       | 4.7798      | -.220      | -4.40   | .01225  | .000    | 1        |
| S5        | 10.000       | 10.139      | .139       | 1.39    | .02607  | .000    | 1        |
| S2        | .80000       | .82207      | .022       | 2.76    | .00206  | .000    | 1        |



**Mn 257.610 {131}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000798

Re-Slope: 1.000000

A1 (Gain): 1.337637

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999477

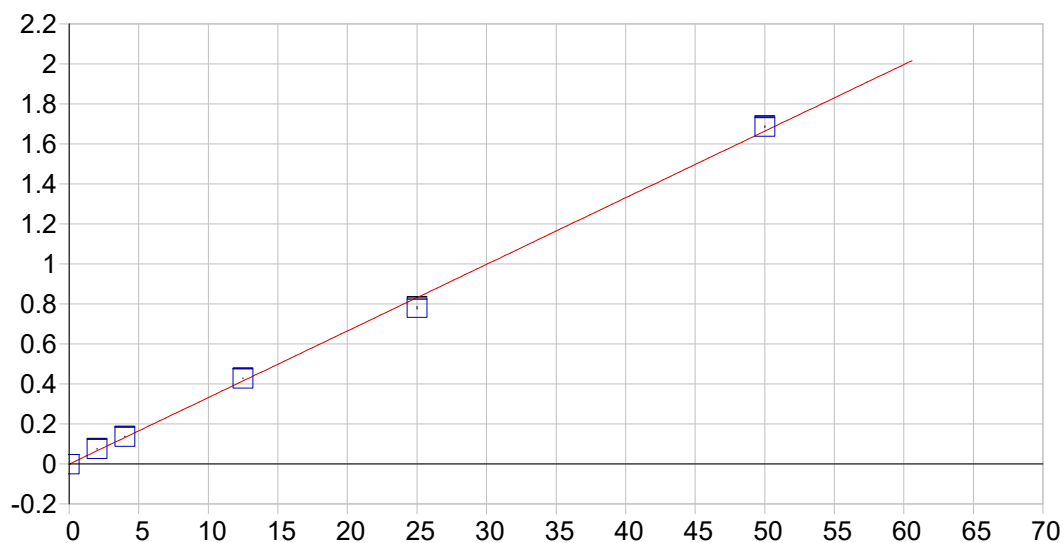
Status: OK.

Std Error of Est: 0.000717

Predicted MDL: 0.000702

Predicted MQL: 0.002340

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00080 | .000    | 1        |
| S1        | .02000       | .02103      | .001       | 5.17    | .02734  | .001    | 1        |
| S3        | 1.2500       | 1.2808      | .031       | 2.46    | 1.7126  | .007    | 1        |
| S4        | 2.5000       | 2.3683      | -.132      | -5.27   | 3.1675  | .010    | 1        |
| S5        | 5.0000       | 5.0923      | .092       | 1.85    | 6.8116  | .018    | 1        |
| S2        | .40000       | .40755      | .008       | 1.89    | .54441  | .001    | 1        |



### Mg 279.079 {121}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001166

Re-Slope: 1.000000

A1 (Gain): 0.033299

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999104

Status: OK.

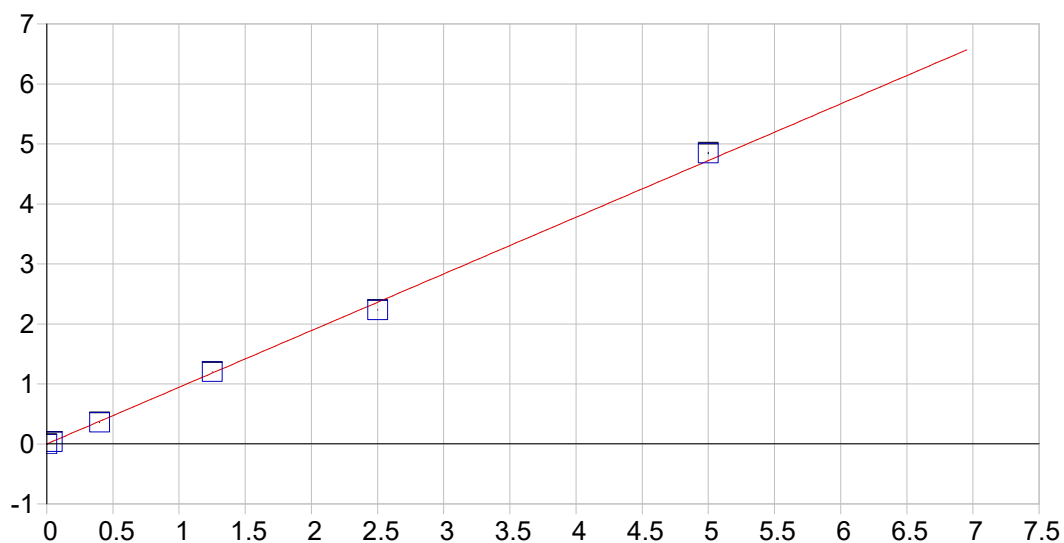
Std Error of Est: 0.000746

Predicted MDL: 0.031462

Predicted MQL: 0.104874

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00035     | -.000      | .000    | -.00118 | .001    | 1        |
| S2        | 4.0000       | 4.1356      | .136       | 3.39    | .13654  | .002    | 1        |
| S3        | 12.500       | 12.872      | .372       | 2.98    | .42746  | .002    | 1        |
| S4        | 25.000       | 23.480      | -1.52      | -6.08   | .78068  | .006    | 1        |
| S5        | 50.000       | 50.697      | .697       | 1.39    | 1.6870  | .005    | 1        |
| S1        | 2.0000       | 2.3154      | .315       | 15.8    | .07593  | .002    | 1        |





# Ni 231.604 {446}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000186

Re-Slope: 1.000000

A1 (Gain): 0.944510

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999341

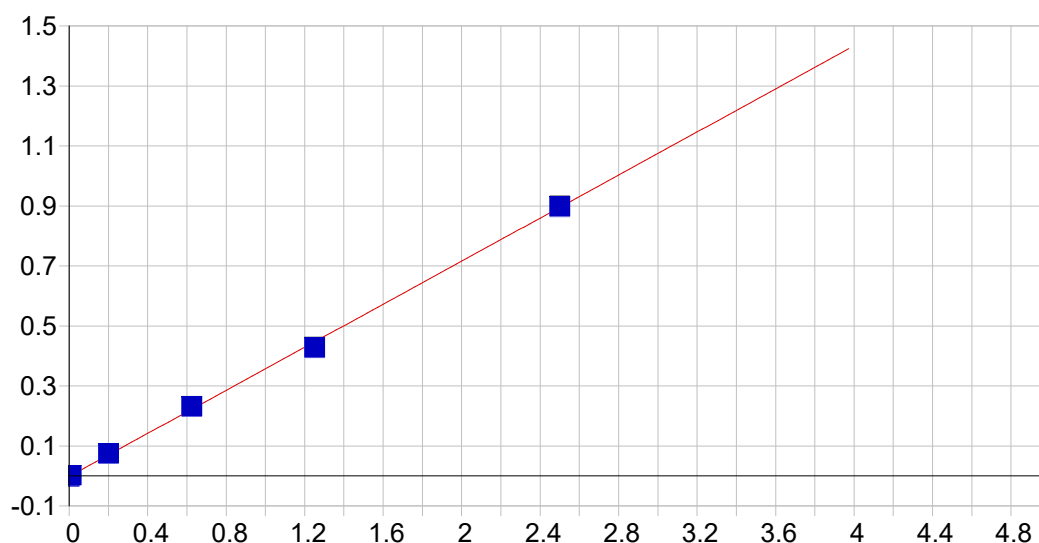
Status: OK.

Std Error of Est: 0.000805

Predicted MDL: 0.000391

Predicted MQL: 0.001303

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00018 | .000    | 1        |
| S1        | .04000       | .03970      | -.000      | -.753   | .03731  | .000    | 1        |
| S3        | 1.2500       | 1.2716      | .022       | 1.73    | 1.2009  | .003    | 1        |
| S4        | 2.5000       | 2.3641      | -.136      | -5.44   | 2.2327  | .002    | 1        |
| S5        | 5.0000       | 5.1328      | .133       | 2.66    | 4.8478  | .011    | 1        |
| S2        | .40000       | .38180      | -.018      | -4.55   | .36043  | .006    | 1        |

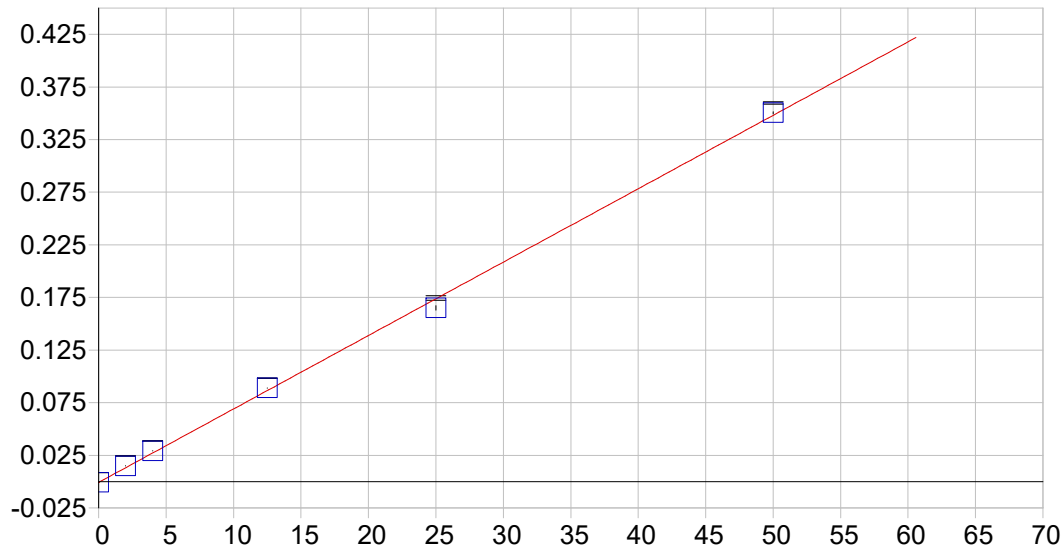


**Ag 328.068 {103}**

Date of Fit: 9/4/2024 8:57:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001869 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.358844  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999453  | Status:   | OK.      |
| Std Error of Est: | 0.000098  |           |          |
| Predicted MDL:    | 0.000839  |           |          |
| Predicted MQL:    | 0.002796  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00187 | .000    | 1        |
| S1        | .01000       | .01267      | .003       | 26.7    | .00265  | .000    | 1        |
| S3        | .62500       | .64969      | .025       | 3.95    | .23041  | .000    | 1        |
| S4        | 1.2500       | 1.1978      | -.052      | -4.17   | .42623  | .001    | 1        |
| S5        | 2.5000       | 2.5102      | .010       | .408    | .89545  | .001    | 1        |
| S2        | .20000       | .21463      | .015       | 7.32    | .07487  | .000    | 1        |



Na 589.592 { 57}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000758

Re-Slope: 1.000000

A1 (Gain): 0.006977

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999344

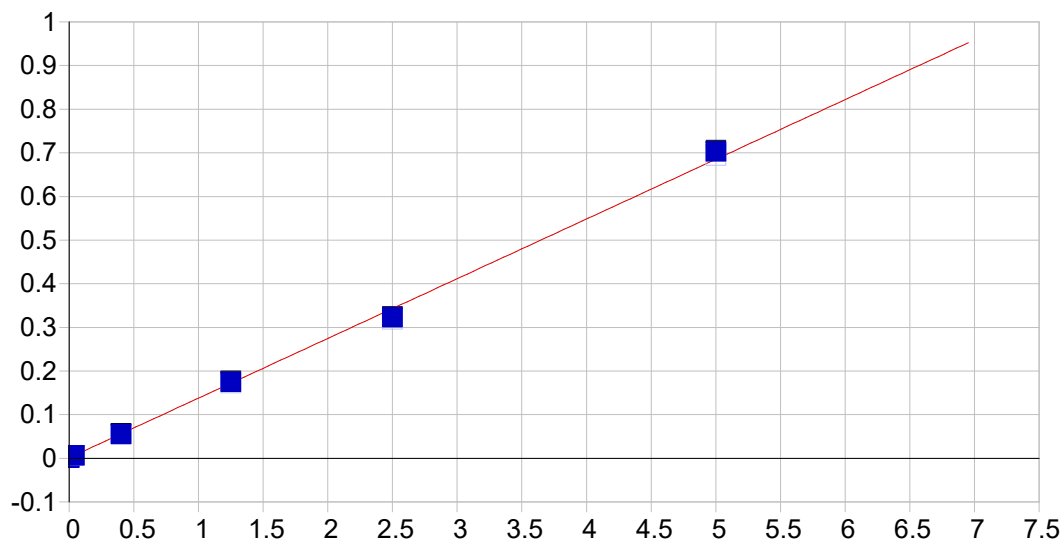
Status: OK.

Std Error of Est: 0.000134

Predicted MDL: 0.045091

Predicted MQL: 0.150305

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00036     | -.000      | .000    | -.00076 | .000    | 1        |
| S2        | 4.0000       | 4.2987      | .299       | 7.47    | .02924  | .000    | 1        |
| S3        | 12.500       | 12.855      | .355       | 2.84    | .08894  | .000    | 1        |
| S4        | 25.000       | 23.777      | -1.22      | -4.89   | .16514  | .002    | 1        |
| S5        | 50.000       | 50.332      | .332       | .664    | .35043  | .001    | 1        |
| S1        | 2.0000       | 2.2373      | .237       | 11.9    | .01485  | .000    | 1        |



**V 292.402 {115}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001098

Re-Slope: 1.000000

A1 (Gain): 0.136812

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999295

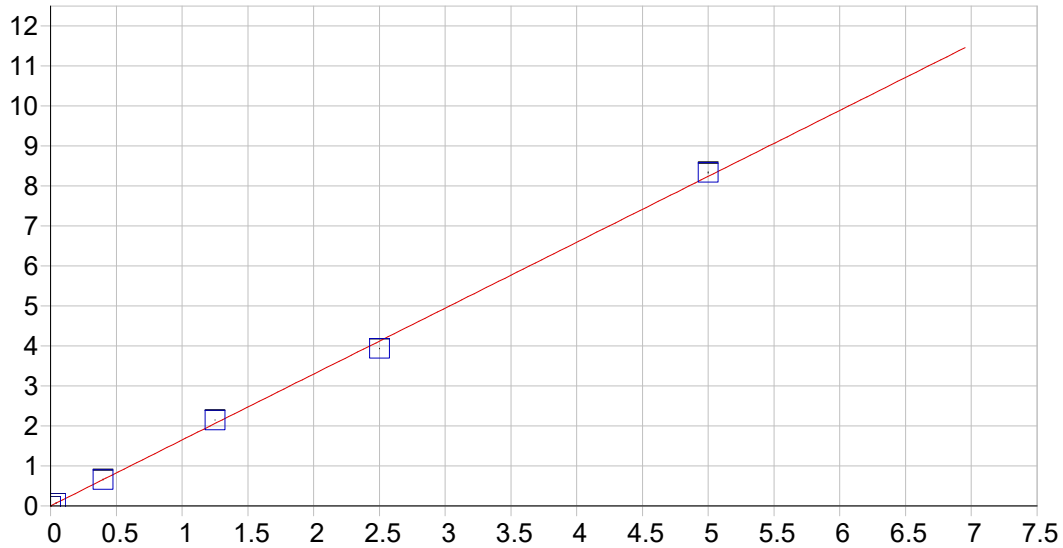
Status: OK.

Std Error of Est: 0.000119

Predicted MDL: 0.007272

Predicted MQL: 0.024240

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00110 | .002    | 1        |
| S1        | .04000       | .03784      | -.002      | -5.39   | .00607 | .001    | 1        |
| S3        | 1.2500       | 1.2702      | .020       | 1.62    | .17238 | .002    | 1        |
| S4        | 2.5000       | 2.3532      | -.147      | -5.87   | .31806 | .002    | 1        |
| S5        | 5.0000       | 5.1322      | .132       | 2.64    | .69327 | .003    | 1        |
| S2        | .40000       | .39650      | -.003      | -.875   | .05455 | .001    | 1        |



### Zn 206.200 {464}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000351

Re-Slope: 1.000000

A1 (Gain): 1.648316

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999558

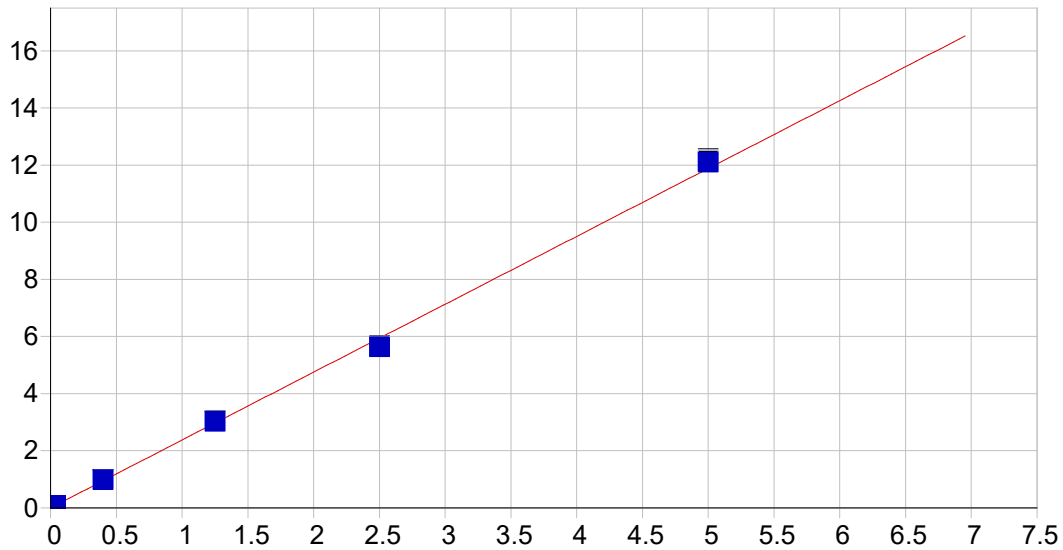
Status: OK.

Std Error of Est: 0.001150

Predicted MDL: 0.000171

Predicted MQL: 0.000571

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00035 | .000    | 1        |
| S1        | .04000       | .04285      | .003       | 7.12    | .07098 | .000    | 1        |
| S3        | 1.2500       | 1.3017      | .052       | 4.13    | 2.1459 | .004    | 1        |
| S4        | 2.5000       | 2.3871      | -.113      | -4.52   | 3.9350 | .005    | 1        |
| S5        | 5.0000       | 5.0584      | .058       | 1.17    | 8.3382 | .019    | 1        |
| S2        | .40000       | .40001      | .000       | .001    | .65969 | .010    | 1        |



**Zn 213.856 {158}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000918

Re-Slope: 1.000000

A1 (Gain): 2.376404

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999490

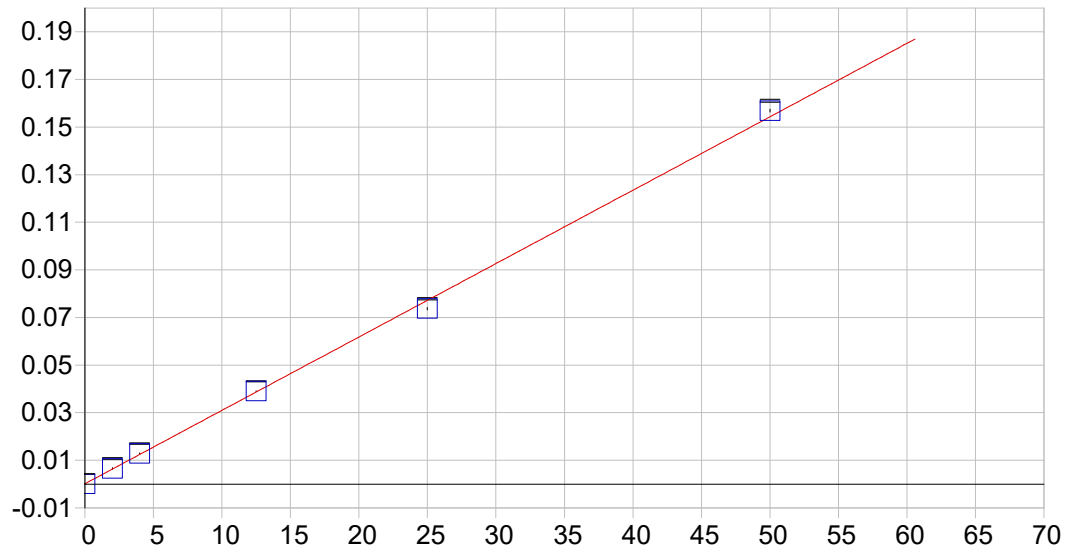
Status: OK.

Std Error of Est: 0.001795

Predicted MDL: 0.000494

Predicted MQL: 0.001645

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00091 | .001    | 1        |
| S1        | .04000       | .04332      | .003       | 8.29    | .10452 | .002    | 1        |
| S3        | 1.2500       | 1.2741      | .024       | 1.93    | 3.0493 | .002    | 1        |
| S4        | 2.5000       | 2.3699      | -.130      | -5.20   | 5.6742 | .007    | 1        |
| S5        | 5.0000       | 5.0902      | .090       | 1.80    | 12.180 | .039    | 1        |
| S2        | .40000       | .41242      | .012       | 3.10    | .98760 | .007    | 1        |



K 766.490 { 44 }

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000141

Re-Slope: 1.000000

A1 (Gain): 0.003084

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999603

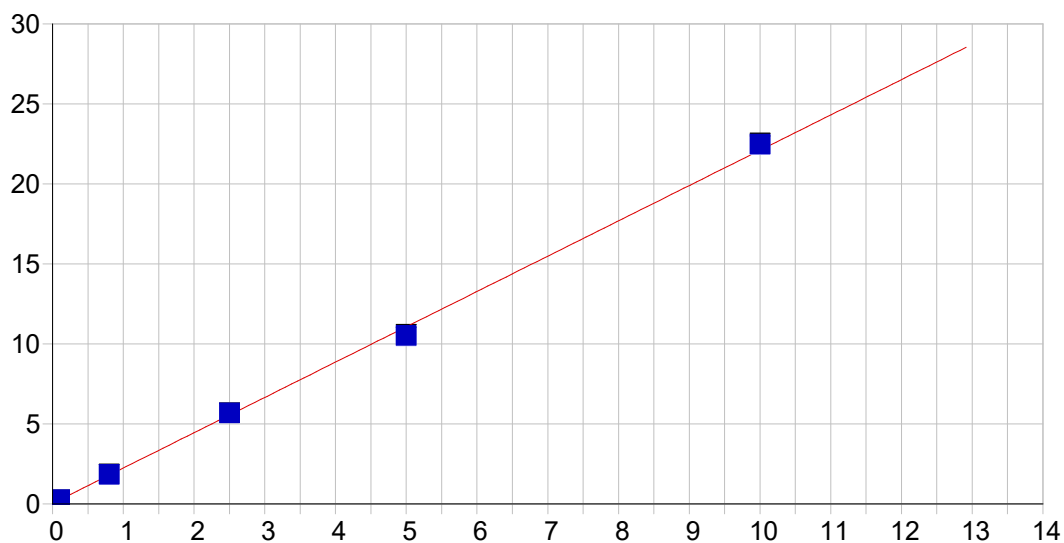
Status: OK.

Std Error of Est: 0.000046

Predicted MDL: 0.107570

Predicted MQL: 0.358568

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00010     | -.000      | .000    | .00014 | .000    | 1        |
| S2        | 4.0000       | 4.1124      | .112       | 2.81    | .01282 | .000    | 1        |
| S3        | 12.500       | 12.605      | .105       | .841    | .03901 | .000    | 1        |
| S4        | 25.000       | 23.857      | -1.14      | -4.57   | .07370 | .000    | 1        |
| S5        | 50.000       | 50.839      | .839       | 1.68    | .15691 | .001    | 1        |
| S1        | 2.0000       | 2.0869      | .087       | 4.34    | .00658 | .000    | 1        |



**B 249.678 {135}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.034971

Re-Slope: 1.000000

A1 (Gain): 2.206839

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999516

Status: OK.

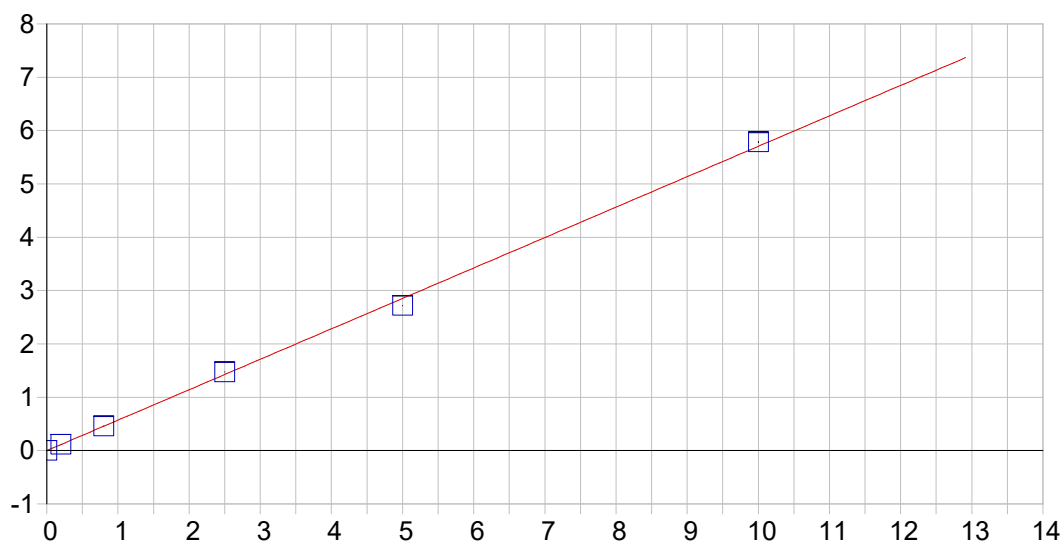
Std Error of Est: 0.003600

Predicted MDL: 0.001104

Predicted MQL: 0.003679

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .03497 | .005    | 1        |
| S1        | .10000       | .10038      | .000       | .383    | .25556 | .003    | 1        |
| S3        | 2.5000       | 2.5591      | .059       | 2.37    | 5.6718 | .025    | 1        |
| S4        | 5.0000       | 4.7469      | -.253      | -5.06   | 10.489 | .084    | 1        |
| S5        | 10.000       | 10.171      | .171       | 1.71    | 22.438 | .074    | 1        |
| S2        | .80000       | .82233      | .022       | 2.79    | 1.8463 | .011    | 1        |





Mo 202.030 {467}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000256

Re-Slope: 1.000000

A1 (Gain): 0.570582

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999565

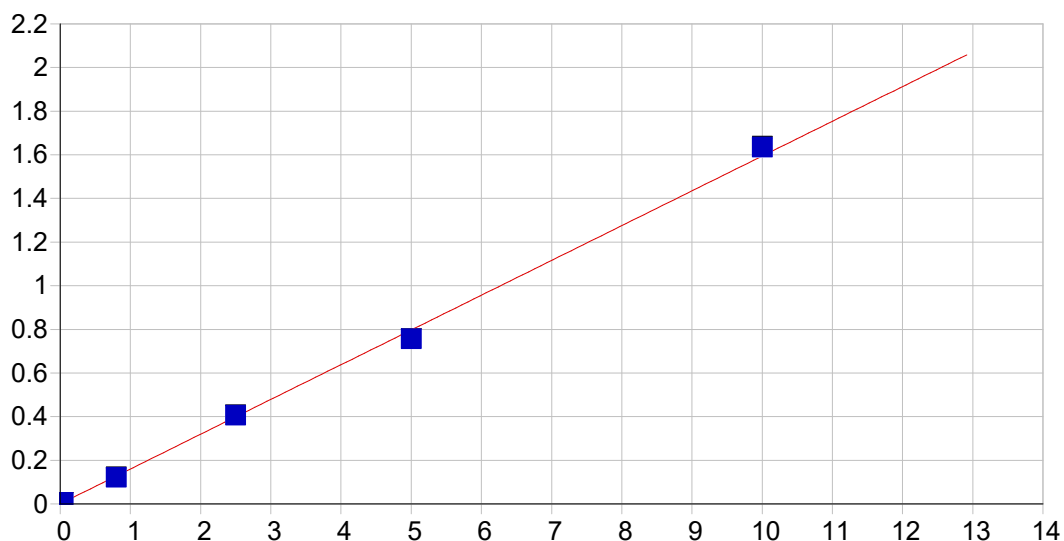
Status: OK.

Std Error of Est: 0.001253

Predicted MDL: 0.000502

Predicted MQL: 0.001675

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .20000       | .20536      | .005       | 2.68    | .11692  | .000    | 1        |
| S3        | 2.5000       | 2.5837      | .084       | 3.35    | 1.4740  | .003    | 1        |
| S4        | 5.0000       | 4.7646      | -.235      | -4.71   | 2.7184  | .002    | 1        |
| S5        | 10.000       | 10.143      | .143       | 1.43    | 5.7872  | .011    | 1        |
| S2        | .80000       | .80316      | .003       | .395    | .45801  | .007    | 1        |



**Sn 189.989 {478}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000507

Re-Slope: 1.000000

A1 (Gain): 0.159366

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999366

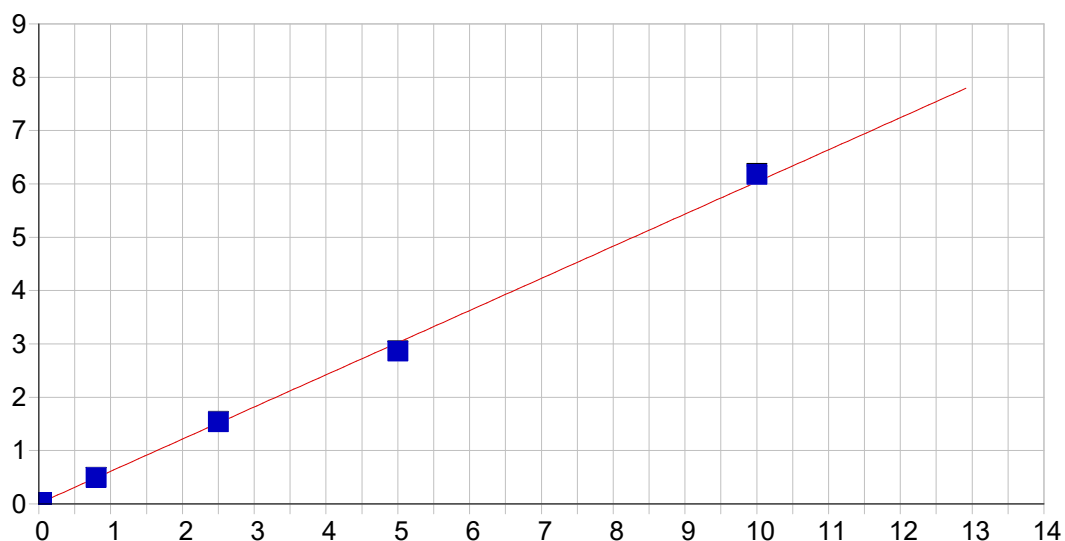
Status: OK.

Std Error of Est: 0.000188

Predicted MDL: 0.000841

Predicted MQL: 0.002804

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00051 | .000    | 1        |
| S1        | .04000       | .03721      | -.003      | -6.98   | .00643 | .000    | 1        |
| S3        | 2.5000       | 2.5499      | .050       | 2.00    | .40646 | .002    | 1        |
| S4        | 5.0000       | 4.7412      | -.259      | -5.18   | .75528 | .001    | 1        |
| S5        | 10.000       | 10.254      | .254       | 2.54    | 1.6330 | .004    | 1        |
| S2        | .80000       | .75792      | -.042      | -5.26   | .12116 | .002    | 1        |



**Ti 336.121 {100}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.009646

Re-Slope: 1.000000

A1 (Gain): 0.602718

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999451

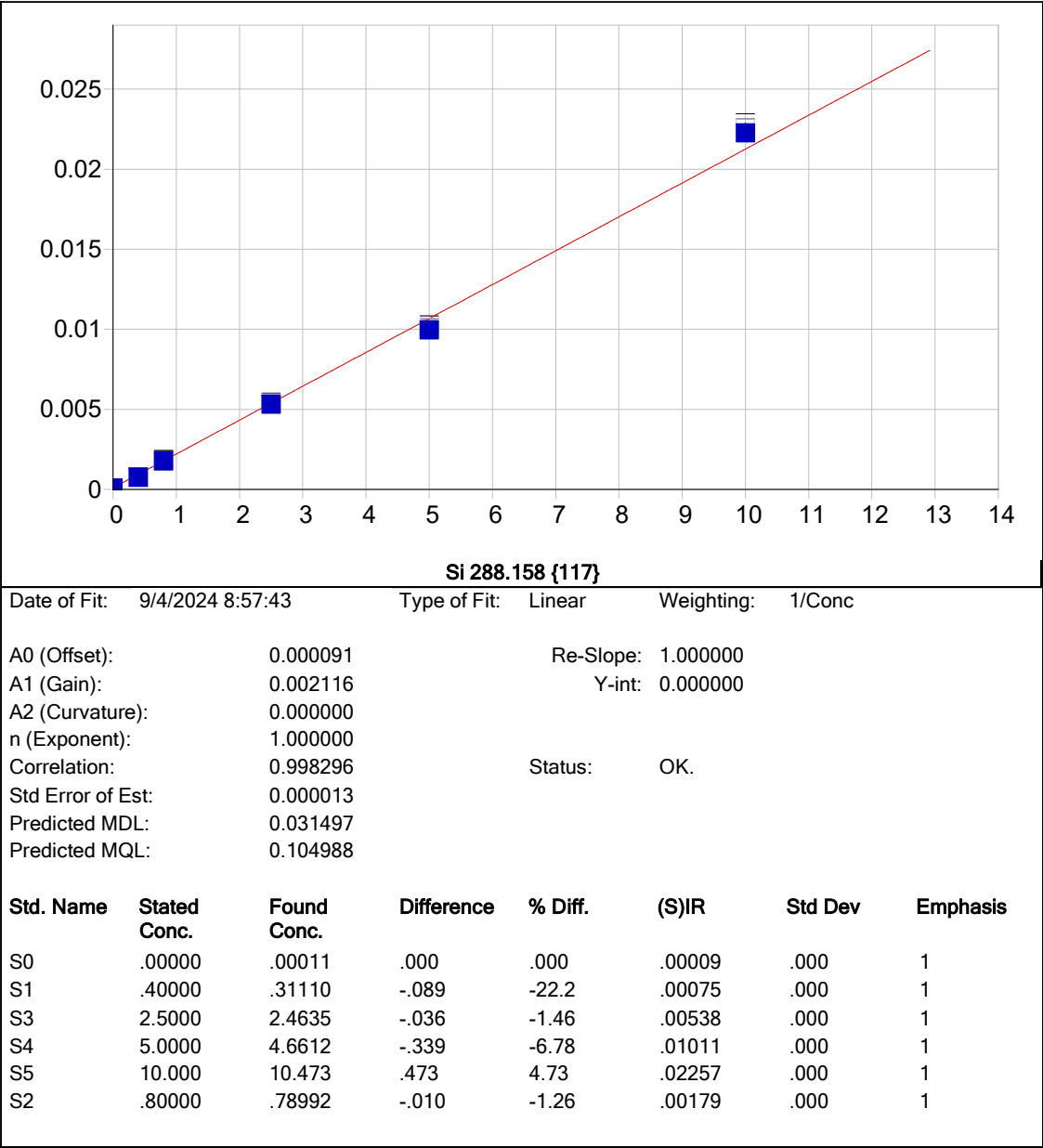
Status: OK.

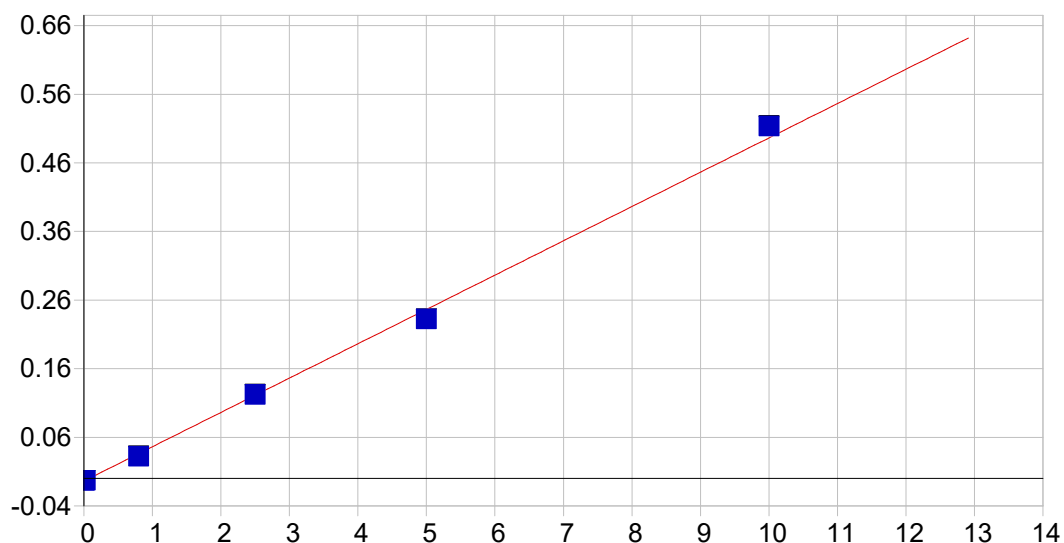
Std Error of Est: 0.000662

Predicted MDL: 0.002799

Predicted MQL: 0.009330

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00965 | .002    | 1        |
| S1        | .04000       | .04139      | .001       | 3.49    | .03458 | .001    | 1        |
| S3        | 2.5000       | 2.5361      | .036       | 1.44    | 1.5376 | .010    | 1        |
| S4        | 5.0000       | 4.7318      | -.268      | -5.36   | 2.8605 | .006    | 1        |
| S5        | 10.000       | 10.227      | .227       | 2.27    | 6.1717 | .022    | 1        |
| S2        | .80000       | .80344      | .003       | .430    | .49372 | .003    | 1        |





**P 177.495 {490}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003744

Re-Slope: 1.000000

A1 (Gain): 0.050014

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999025

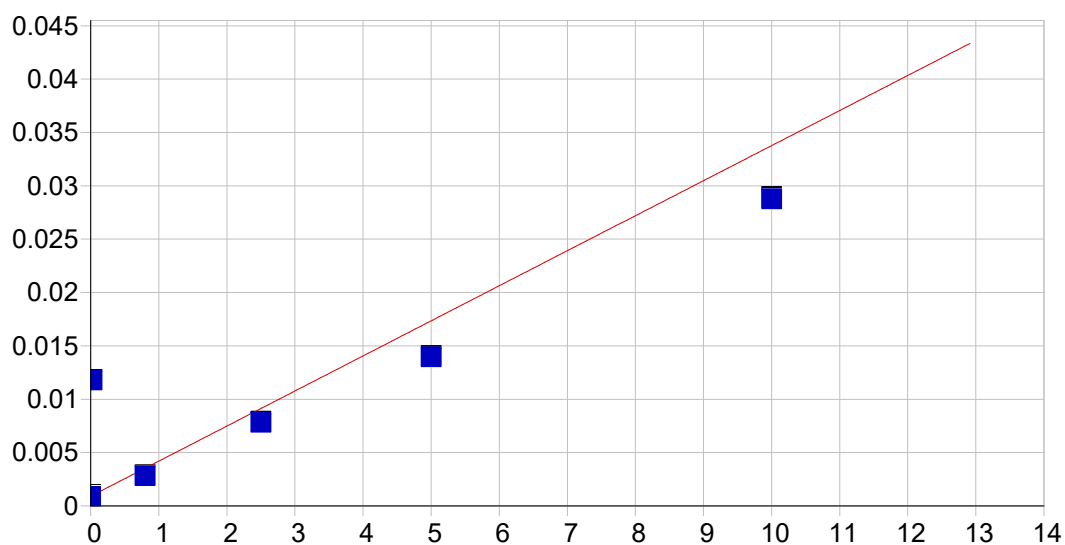
Status: OK.

Std Error of Est: 0.000052

Predicted MDL: 0.002269

Predicted MQL: 0.007563

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00374 | .000    | 1        |
| S1        | .02000       | .01835      | -.002      | -8.24   | -.00282 | .000    | 1        |
| S3        | 2.5000       | 2.5204      | .020       | .816    | .12229  | .000    | 1        |
| S4        | 5.0000       | 4.7222      | -.278      | -5.56   | .23239  | .000    | 1        |
| S5        | 10.000       | 10.341      | .341       | 3.41    | .51337  | .001    | 1        |
| S2        | .80000       | .71809      | -.082      | -10.2   | .03216  | .001    | 1        |

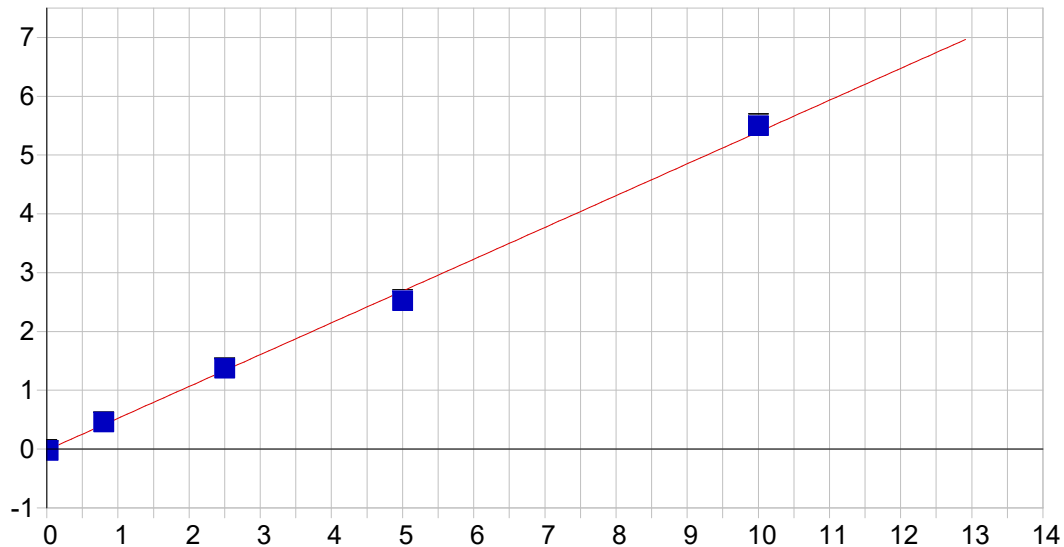


**S 182.034 {485}**

Date of Fit: 9/4/2024 8:57:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000912 Re-Slope: 1.000000  
 A1 (Gain): 0.003286 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.180283 Status: OK.  
 Std Error of Est: 0.000419  
 Predicted MDL: 0.036067  
 Predicted MQL: 0.120222

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00327     | -.003      | .000    | .00090 | .000    | 1        |
| S1        | .02000       | 3.3104      | 3.29       | 16500.  | .01179 | .000    | 1        |
| S3        | 2.5000       | 2.1007      | -.399      | -16.0   | .00779 | .000    | 1        |
| S4        | 5.0000       | 3.9750      | -1.03      | -20.5   | .01393 | .000    | 1        |
| S5        | 10.000       | 8.4844      | -1.52      | -15.2   | .02871 | .000    | 1        |
| S2        | .80000       | .58144      | -.219      | -27.3   | .00282 | .000    | 1        |



Li 670.784 { 50}

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.016451

Re-Slope: 1.000000

A1 (Gain): 0.540816

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.997076

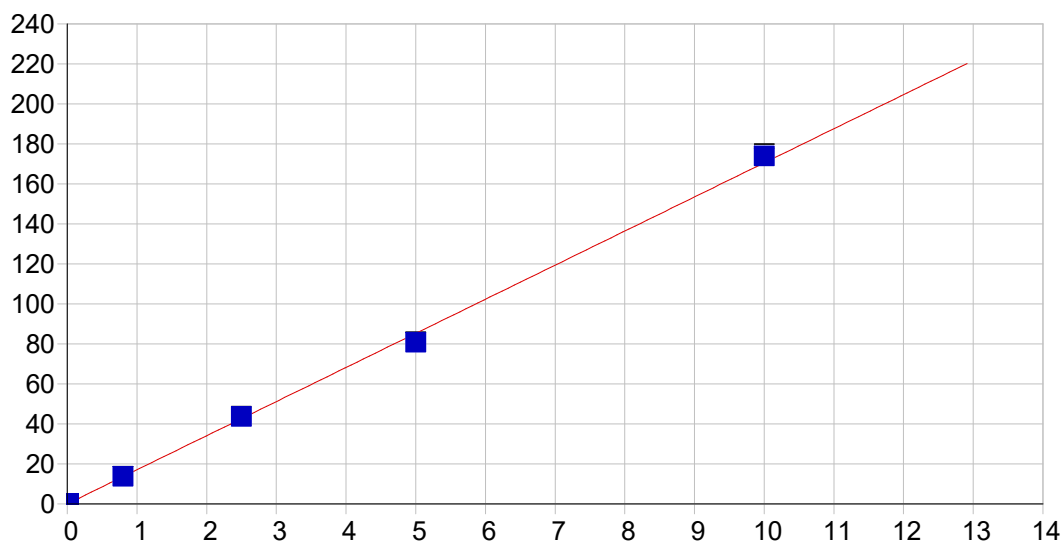
Status: OK.

Std Error of Est: 0.000972

Predicted MDL: 0.009233

Predicted MQL: 0.030777

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | -.01643 | .009    | 1        |
| S5        | 10.000       | 10.198      | .198       | 1.98    | 5.5035  | .031    | 1        |
| S4        | 5.0000       | 4.6931      | -.307      | -6.14   | 2.5241  | .018    | 1        |
| S3        | 2.5000       | 2.5716      | .072       | 2.86    | 1.3755  | .015    | 1        |
| S1        | .02000       | -.01886     | -.039      | -194.   | -.02645 | .006    | 1        |
| S2        | .80000       | .87707      | .077       | 9.63    | .45827  | .004    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 9/4/2024 8:57:43

Type of Fit: Linear

Weighting: 1/Conc

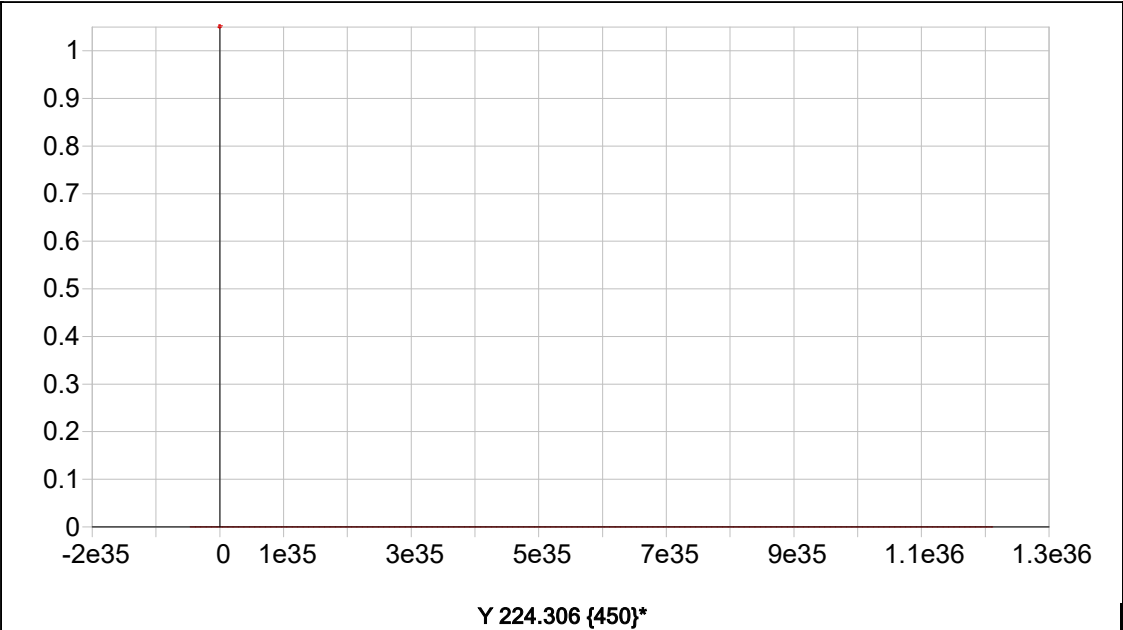
A0 (Offset): 0.000831  
 A1 (Gain): 17.052306  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999479  
 Std Error of Est: 0.012915  
 Predicted MDL: 0.000178  
 Predicted MQL: 0.000594

Re-Slope: 1.000000  
 Y-int: 0.000000

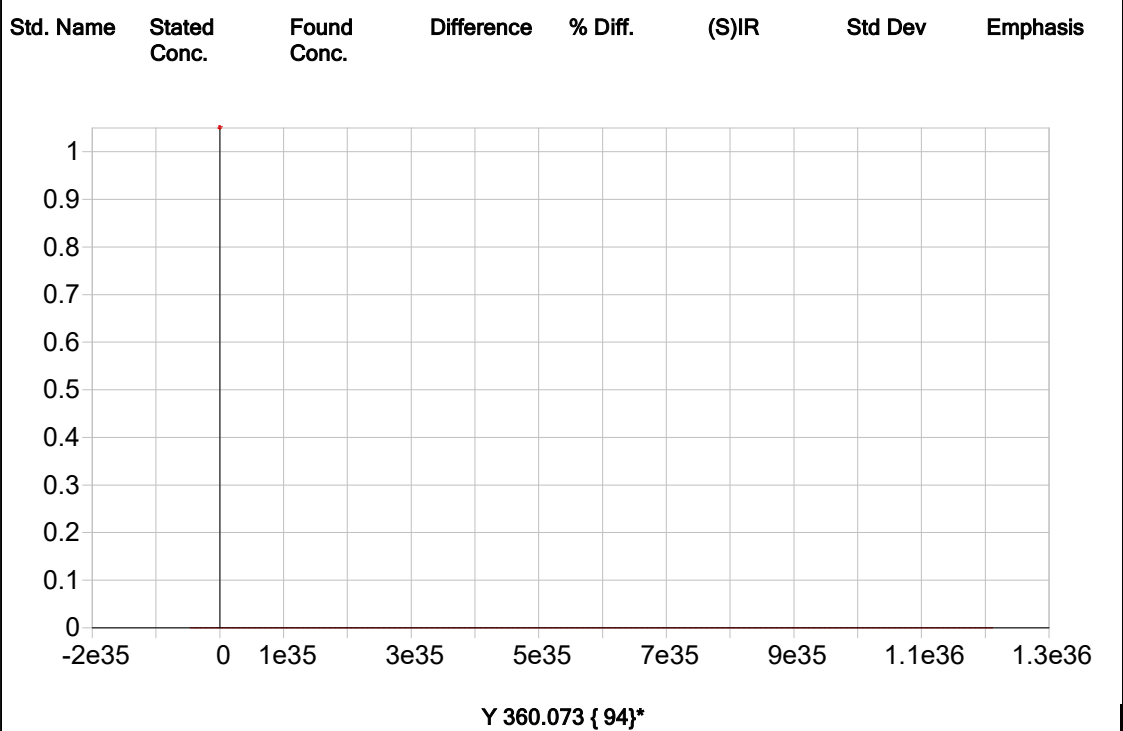
Status: OK.

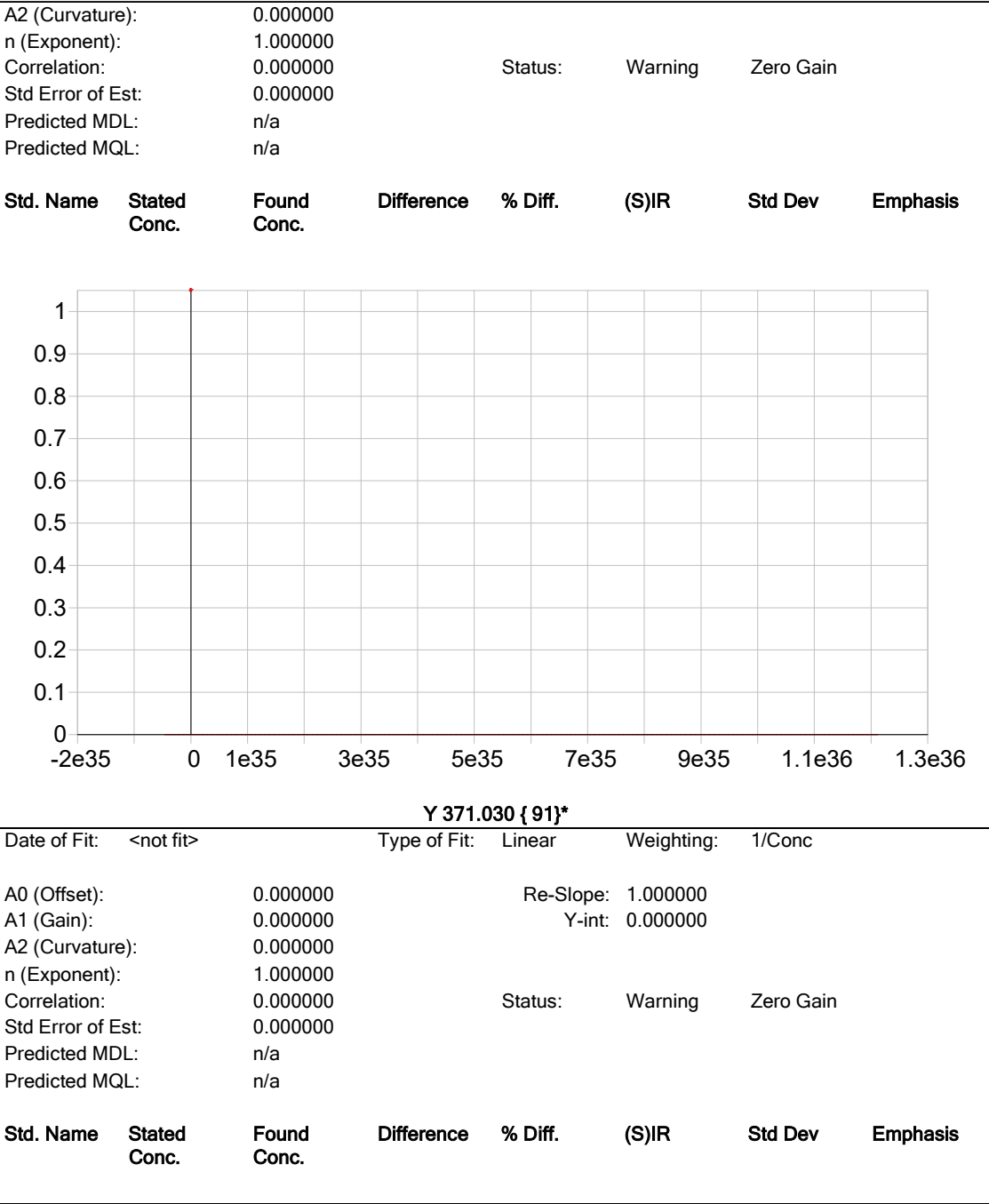
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00081 | .001    | 1        |
| S1        | .02000       | .02134      | .001       | 6.68    | .36638 | .003    | 1        |
| S3        | 2.5000       | 2.5584      | .058       | 2.34    | 43.671 | .119    | 1        |
| S4        | 5.0000       | 4.7374      | -.263      | -5.25   | 80.870 | .149    | 1        |
| S5        | 10.000       | 10.196      | .196       | 1.96    | 174.03 | 1.04    | 1        |
| S2        | .80000       | .80700      | .007       | .874    | 13.776 | .053    | 1        |

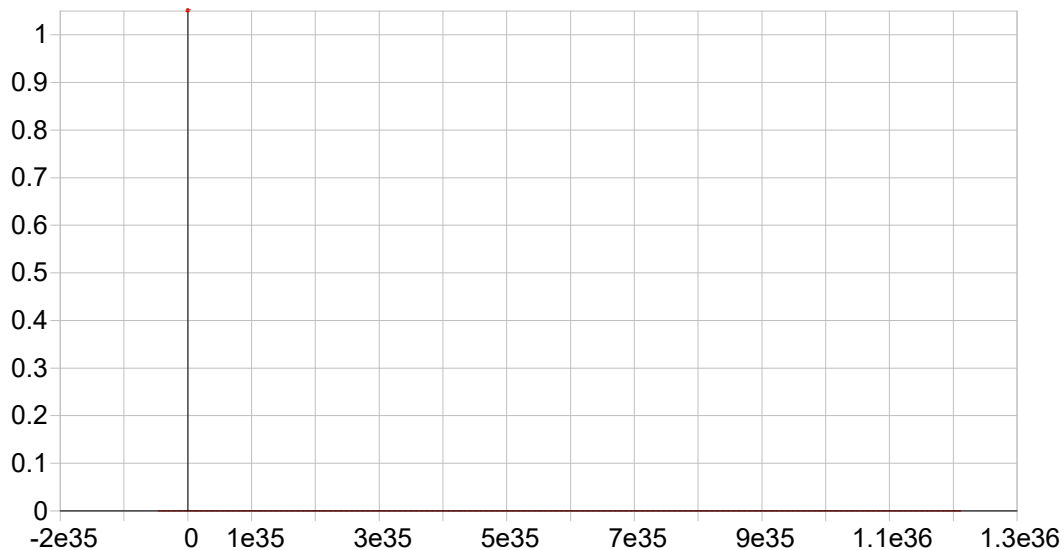




| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|







**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 |
|--------------|----------|

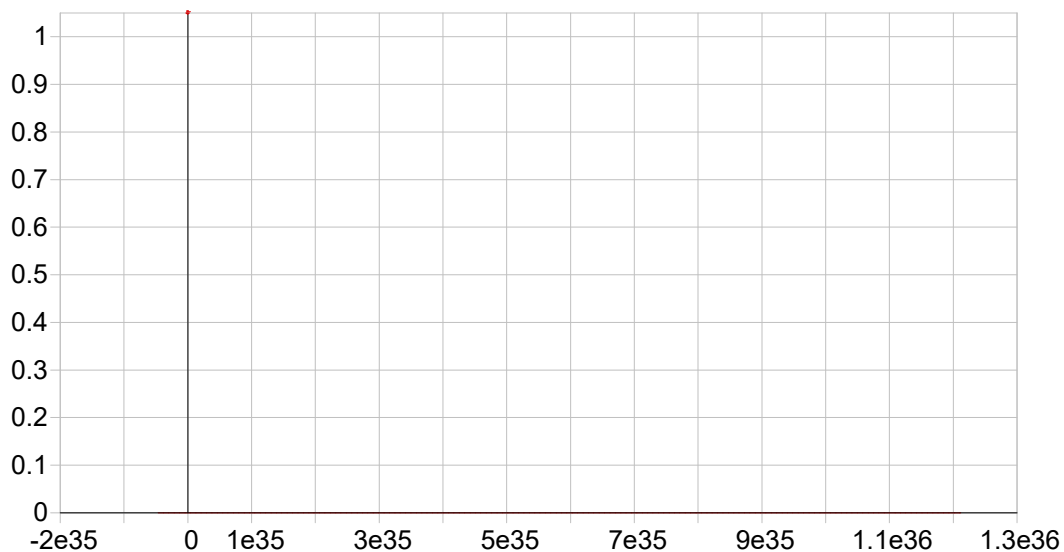
Status:      Warning      Zero Gain

|                   |          |
|-------------------|----------|
| 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: &lt;not fit&gt;

Type of Fit: Linear

---

Weighting: 1/Conc

|              |          |
|--------------|----------|
| A0 (Offset): | 0.000000 |
|--------------|----------|

Re-Slope: 1.000000

|            |          |
|------------|----------|
| A1 (Gain): | 0.000000 |
|------------|----------|

Y-int: 0.000000

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| Std Error of Est: |              | 0.000000    |            |         |         |           |          |
| Predicted MDL:    |              | n/a         |            |         |         |           |          |
| Predicted MQL:    |              | n/a         |            |         |         |           |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev   | Emphasis |

Sample Name: S0      Acquired: 9/3/2024 17:17:54      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | -.00015 | .00122  | .00046  | .00075  | .00002  | -.00353 | .25107  | .00467  |
| Stddev | .00018  | .00016  | .00029  | .00032  | .00041  | .00265  | .01252  | .00203  |
| %RSD   | 116.55  | 13.310  | 64.430  | 43.111  | 2460.7  | 74.997  | 4.9872  | 43.326  |
| #1     | -.00024 | .00108  | .00032  | .00090  | .00038  | -.00190 | .24166  | .00440  |
| #2     | .00005  | .00140  | .00080  | .00038  | -.00043 | -.00210 | .26528  | .00280  |
| #3     | -.00027 | .00119  | .00026  | .00097  | .00011  | -.00658 | .24626  | .00682  |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .00067  | -.00614 | -.00050 | .00032  | -.00294 | -.00006 | -.00080 | -.00118 |
| Stddev | .00022  | .00584  | .00008  | .00028  | .00050  | .00003  | .00044  | .00086  |
| %RSD   | 32.298  | 94.995  | 15.754  | 87.858  | 16.980  | 47.997  | 55.560  | 73.254  |
| #1     | .00084  | -.01212 | -.00056 | -.00000 | -.00264 | -.00005 | -.00029 | -.00084 |
| #2     | .00075  | -.00046 | -.00041 | .00049  | -.00266 | -.00010 | -.00111 | -.00053 |
| #3     | .00043  | -.00585 | -.00053 | .00048  | -.00352 | -.00004 | -.00100 | -.00216 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | B_2496  | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00018 | -.00187 | -.00076 | .00110  | .00091  | .00014  | .03497  | -.00026 |
| Stddev | .00032  | .00027  | .00035  | .00244  | .00064  | .00019  | .00461  | .00008  |
| %RSD   | 174.40  | 14.175  | 46.385  | 221.99  | 70.423  | 137.35  | 13.194  | 29.391  |
| #1     | .00018  | -.00157 | -.00049 | .00388  | .00144  | .00036  | .03382  | -.00033 |
| #2     | -.00033 | -.00196 | -.00116 | .00006  | .00108  | -.00001 | .03103  | -.00027 |
| #3     | -.00040 | -.00208 | -.00063 | -.00065 | .00020  | .00007  | .04004  | -.00018 |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00051  | .00965  | .00009  | -.00374 | .00090  | -.01643 | .00081  |         |
| Stddev | .00011  | .00226  | .00001  | .00007  | .00019  | .00902  | .00056  |         |
| %RSD   | 22.076  | 23.421  | 13.848  | 1.8566  | 20.868  | 54.897  | 69.409  |         |
| #1     | .00058  | .00705  | .00011  | -.00382 | .00073  | -.00843 | .00083  |         |
| #2     | .00056  | .01073  | .00008  | -.00368 | .00087  | -.02621 | .00024  |         |
| #3     | .00038  | .01116  | .00009  | -.00373 | .00110  | -.01465 | .00136  |         |

Sample Name: S0      Acquired: 9/3/2024 17:17:54      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 3981.0 | 51381. | 2075.1 | 3072.0 | 5932.0 |
| Stddev    | 37.2   | 120.   | 5.4    | 5.7    | 58.2   |
| %RSD      | .93359 | .23281 | .26250 | .18522 | .98146 |
| #1        | 3949.5 | 51404. | 2078.9 | 3075.3 | 5883.9 |
| #2        | 3971.5 | 51487. | 2068.9 | 3065.5 | 5915.3 |
| #3        | 4021.9 | 51251. | 2077.5 | 3075.3 | 5996.7 |

Sample Name: S1      Acquired: 9/3/2024 17:22:08      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | .00138 | .00460 | .00428 | .00239  | .00736 | .00708  | .56728 | .17302 |
| Stddev | .00010 | .00015 | .00034 | .00033  | .00019 | .00129  | .01533 | .00136 |
| %RSD   | 7.5238 | 3.1803 | 7.9150 | 13.878  | 2.6052 | 18.182  | 2.7029 | .78649 |
| #1     | .00126 | .00446 | .00404 | .00244  | .00745 | .00838  | .57902 | .17286 |
| #2     | .00143 | .00475 | .00467 | .00269  | .00748 | .00580  | .54993 | .17445 |
| #3     | .00145 | .00458 | .00414 | .00203  | .00713 | .00707  | .57288 | .17174 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .01950 | .21207 | .00150 | .02939  | .01413 | .00022  | .02734 | .07593 |
| Stddev | .00036 | .00337 | .00020 | .00040  | .00026 | .00001  | .00121 | .00198 |
| %RSD   | 1.8525 | 1.5874 | 13.533 | 1.3470  | 1.8223 | 3.8015  | 4.4121 | 2.6066 |
| #1     | .01911 | .21110 | .00160 | .02961  | .01385 | .00022  | .02734 | .07514 |
| #2     | .01958 | .20930 | .00162 | .02963  | .01436 | .00022  | .02614 | .07447 |
| #3     | .01982 | .21581 | .00126 | .02893  | .01417 | .00023  | .02855 | .07818 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664  | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .03731 | .00265 | .01485 | .00607  | .10452 | .00658  | .25556 | .11692 |
| Stddev | .00041 | .00018 | .00016 | .00083  | .00172 | .00031  | .00282 | .00033 |
| %RSD   | 1.1115 | 6.8623 | 1.0498 | 13.640  | 1.6437 | 4.7113  | 1.1039 | .27903 |
| #1     | .03766 | .00249 | .01474 | .00641  | .10447 | .00641  | .25480 | .11719 |
| #2     | .03685 | .00263 | .01503 | .00667  | .10283 | .00638  | .25868 | .11656 |
| #3     | .03742 | .00285 | .01479 | .00513  | .10626 | .00693  | .25320 | .11702 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707  | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  |        |
| Avg    | .00643 | .03458 | .00075 | -.00282 | .01179 | -.02645 | .36638 |        |
| Stddev | .00017 | .00134 | .00003 | .00005  | .00010 | .00630  | .00318 |        |
| %RSD   | 2.6216 | 3.8738 | 3.7154 | 1.6582  | .84097 | 23.819  | .86796 |        |
| #1     | .00624 | .03559 | .00078 | -.00279 | .01184 | -.01937 | .36720 |        |
| #2     | .00655 | .03306 | .00075 | -.00280 | .01185 | -.03143 | .36287 |        |
| #3     | .00651 | .03509 | .00072 | -.00288 | .01167 | -.02856 | .36907 |        |

Sample Name: S1      Acquired: 9/3/2024 17:22:08      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 3915.7 | 49546. | 2022.4 | 3000.4 | 5696.6 |
| Stddev    | 9.5    | 104.   | 5.1    | 11.5   | 18.0   |
| %RSD      | .24283 | .21059 | .25123 | .38477 | .31573 |
| #1        | 3904.9 | 49491. | 2016.8 | 2989.2 | 5677.7 |
| #2        | 3919.3 | 49481. | 2023.9 | 2999.7 | 5698.5 |
| #3        | 3922.8 | 49667. | 2026.7 | 3012.3 | 5713.6 |



Sample Name: S2      Acquired: 9/3/2024 17:26:23      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | .04636 | .06810 | .21985 | .07168 | .10729 | .13401 | 4.9866 | 1.0890 |
| Stddev | .00085 | .00038 | .00302 | .00092 | .00141 | .00181 | .0274  | .0067  |
| %RSD   | 1.8232 | .56427 | 1.3718 | 1.2832 | 1.3117 | 1.3527 | .54947 | .61601 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04713 | .06796 | .22239 | .07258 | .10857 | .13332 | 4.9815 | 1.0945 |
| #2 | .04651 | .06853 | .22064 | .07171 | .10752 | .13265 | 5.0162 | 1.0910 |
| #3 | .04545 | .06780 | .21652 | .07074 | .10578 | .13607 | 4.9621 | 1.0816 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.1912 | .42052 | .02998 | .37009 | .15124 | .00206 | .54441 | .13654 |
| Stddev | .0205  | .00291 | .00002 | .00616 | .00236 | .00006 | .00098 | .00220 |
| %RSD   | 1.7210 | .69258 | .05820 | 1.6639 | 1.5611 | 2.8523 | .17977 | 1.6139 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2100 | .41725 | .02998 | .37483 | .15351 | .00205 | .54331 | .13761 |
| #2 | 1.1943 | .42151 | .02997 | .37232 | .15141 | .00200 | .54475 | .13401 |
| #3 | 1.1693 | .42282 | .03000 | .36313 | .14880 | .00212 | .54517 | .13801 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .36043 | .07487 | .02924 | .05455 | .98760 | .01282 | 1.8463 | .45801 |
| Stddev | .00623 | .00010 | .00021 | .00127 | .00674 | .00025 | .0114  | .00741 |
| %RSD   | 1.7274 | .13905 | .73116 | 2.3281 | .68278 | 1.9733 | .61793 | 1.6172 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .36616 | .07496 | .02917 | .05349 | .99504 | .01308 | 1.8567 | .46382 |
| #2 | .36133 | .07491 | .02947 | .05595 | .98189 | .01257 | 1.8481 | .46056 |
| #3 | .35380 | .07476 | .02906 | .05420 | .98586 | .01282 | 1.8341 | .44967 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .12116 | .49372 | .00179 | .03216 | .00282 | .45827 | 13.776 |  |
| Stddev | .00205 | .00337 | .00007 | .00066 | .00007 | .00397 | .053   |  |
| %RSD   | 1.6895 | .68160 | 3.8500 | 2.0397 | 2.5649 | .86667 | .38568 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .12301 | .49048 | .00183 | .03279 | .00276 | .45982 | 13.754 |  |
| #2 | .12152 | .49720 | .00171 | .03222 | .00290 | .45376 | 13.836 |  |
| #3 | .11896 | .49347 | .00183 | .03148 | .00279 | .46123 | 13.737 |  |

Sample Name: S2      Acquired: 9/3/2024 17:26:23      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 4028.7 | 49306. | 2023.0 | 2989.9 | 5784.6 |
| Stddev    | 53.5   | 163.   | 12.6   | 5.8    | 80.2   |
| %RSD      | 1.3288 | .33083 | .62248 | .19401 | 1.3865 |
| #1        | 3994.3 | 49494. | 2022.6 | 2991.9 | 5729.8 |
| #2        | 4001.3 | 49207. | 2010.6 | 2983.4 | 5747.4 |
| #3        | 4090.3 | 49216. | 2035.8 | 2994.5 | 5876.7 |

Sample Name: S3      Acquired: 9/3/2024 17:30:32      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | .15430 | .22097 | .72564 | .23813 | .34833 | .42932 | 15.352 | 3.3370 |
| Stddev | .00072 | .00148 | .00172 | .00040 | .00071 | .00095 | .040   | .0119  |
| %RSD   | .46416 | .67008 | .23686 | .16744 | .20507 | .22117 | .26172 | .35763 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15446 | .22048 | .72412 | .23819 | .34754 | .43041 | 15.306 | 3.3346 |
| #2 | .15352 | .21979 | .72530 | .23771 | .34893 | .42863 | 15.381 | 3.3499 |
| #3 | .15493 | .22263 | .72750 | .23850 | .34852 | .42893 | 15.369 | 3.3265 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 4.0348 | 1.3249 | .09343 | 1.2314 | .49543 | .00650 | 1.7126 | .42746 |
| Stddev | .0110  | .0098  | .00027 | .0031  | .00044 | .00004 | .0070  | .00240 |
| %RSD   | .27353 | .73681 | .28726 | .25213 | .08959 | .66493 | .40963 | .56216 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0273 | 1.3137 | .09372 | 1.2294 | .49585 | .00650 | 1.7048 | .42552 |
| #2 | 4.0297 | 1.3299 | .09338 | 1.2299 | .49497 | .00646 | 1.7184 | .43015 |
| #3 | 4.0475 | 1.3311 | .09319 | 1.2350 | .49548 | .00655 | 1.7146 | .42671 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.2009 | .23041 | .08894 | .17238 | 3.0493 | .03901 | 5.6718 | 1.4740 |
| Stddev | .0029  | .00046 | .00010 | .00248 | .0022  | .00022 | .0250  | .0031  |
| %RSD   | .24120 | .19895 | .11278 | 1.4361 | .07318 | .56969 | .44020 | .21069 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1987 | .23071 | .08903 | .16995 | 3.0489 | .03892 | 5.6604 | 1.4749 |
| #2 | 1.1997 | .23063 | .08894 | .17490 | 3.0473 | .03884 | 5.7004 | 1.4705 |
| #3 | 1.2042 | .22988 | .08883 | .17229 | 3.0517 | .03926 | 5.6545 | 1.4765 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .40646 | 1.5376 | .00538 | .12229 | .00779 | 1.3755 | 43.671 |  |
| Stddev | .00155 | .0098  | .00005 | .00042 | .00012 | .0150  | .119   |  |
| %RSD   | .38146 | .63950 | .86928 | .33980 | 1.5462 | 1.0905 | .27292 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .40484 | 1.5276 | .00533 | .12235 | .00782 | 1.3603 | 43.534 |  |
| #2 | .40662 | 1.5380 | .00542 | .12185 | .00766 | 1.3903 | 43.754 |  |
| #3 | .40793 | 1.5473 | .00540 | .12268 | .00790 | 1.3758 | 43.724 |  |

Sample Name: S3      Acquired: 9/3/2024 17:30:32      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 3752.2 | 49928. | 2038.6 | 2992.9 | 5166.7 |
| Stddev    | 6.0    | 236.   | 13.2   | 26.4   | 12.6   |
| %RSD      | .15942 | .47181 | .64601 | .88296 | .24464 |
| #1        | 3749.8 | 50091. | 2053.7 | 3014.9 | 5172.1 |
| #2        | 3759.0 | 50035. | 2032.7 | 3000.2 | 5175.6 |
| #3        | 3747.8 | 49658. | 2029.4 | 2963.6 | 5152.2 |

Sample Name: S4      Acquired: 9/3/2024 17:34:38      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | .28429 | .40263 | 1.3538 | .43345 | .63501 | .79269 | 28.379 | 6.1468 |
| Stddev | .00048 | .00117 | .0016  | .00153 | .00092 | .00446 | .062   | .0542  |
| %RSD   | .16736 | .28999 | .11690 | .35259 | .14476 | .56316 | .21831 | .88226 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28456 | .40397 | 1.3544 | .43517 | .63593 | .78771 | 28.308 | 6.2094 |
| #2 | .28457 | .40203 | 1.3550 | .43295 | .63501 | .79401 | 28.408 | 6.1147 |
| #3 | .28374 | .40188 | 1.3520 | .43224 | .63409 | .79634 | 28.422 | 6.1163 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 7.5572 | 2.4618 | .17189 | 2.2913 | .90597 | .01225 | 3.1675 | .78068 |
| Stddev | .0072  | .0084  | .00054 | .0022  | .00156 | .00016 | .0104  | .00607 |
| %RSD   | .09460 | .34100 | .31204 | .09763 | .17203 | 1.3040 | .32890 | .77803 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.5653 | 2.4625 | .17197 | 2.2939 | .90720 | .01207 | 3.1555 | .77368 |
| #2 | 7.5546 | 2.4530 | .17131 | 2.2898 | .90649 | .01231 | 3.1741 | .78377 |
| #3 | 7.5517 | 2.4697 | .17237 | 2.2903 | .90422 | .01237 | 3.1728 | .78459 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.2327 | .42623 | .16514 | .31806 | 5.6742 | .07370 | 10.489 | 2.7184 |
| Stddev | .0021  | .00086 | .00212 | .00189 | .0070  | .00049 | .084   | .0021  |
| %RSD   | .09187 | .20293 | 1.2858 | .59559 | .12406 | .66019 | .80230 | .07541 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2344 | .42561 | .16285 | .31592 | 5.6818 | .07316 | 10.581 | 2.7196 |
| #2 | 2.2333 | .42722 | .16705 | .31953 | 5.6679 | .07387 | 10.417 | 2.7195 |
| #3 | 2.2304 | .42587 | .16553 | .31873 | 5.6729 | .07409 | 10.469 | 2.7160 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .75528 | 2.8605 | .01011 | .23239 | .01393 | 2.5241 | 80.870 |  |
| Stddev | .00108 | .0060  | .00015 | .00021 | .00011 | .0178  | .149   |  |
| %RSD   | .14288 | .21146 | 1.4363 | .08841 | .78513 | .70565 | .18386 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .75651 | 2.8541 | .00997 | .23262 | .01397 | 2.5051 | 80.881 |  |
| #2 | .75487 | 2.8612 | .01011 | .23224 | .01402 | 2.5405 | 81.013 |  |
| #3 | .75447 | 2.8661 | .01026 | .23231 | .01381 | 2.5267 | 80.716 |  |

Sample Name: S4      Acquired: 9/3/2024 17:34:38      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 3865.7 | 50106. | 2053.9 | 3003.1 | 5215.8 |
| Stddev    | 24.2   | 158.   | 12.5   | 4.8    | 32.2   |
| %RSD      | .62533 | .31587 | .61035 | .15960 | .61654 |
| #1        | 3892.7 | 50287. | 2039.8 | 3007.5 | 5252.6 |
| #2        | 3846.1 | 49993. | 2063.9 | 2998.0 | 5193.0 |
| #3        | 3858.1 | 50038. | 2058.0 | 3003.8 | 5201.9 |

Sample Name: S5      Acquired: 9/3/2024 17:38:46      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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    | .60558 | .83868 | 2.9488 | .91552 | 1.3449 | 1.7237 | 61.325 | 13.158 |
| Stddev | .00143 | .00559 | .0072  | .00235 | .0011  | .0113  | .029   | .024   |
| %RSD   | .23650 | .66612 | .24474 | .25705 | .07993 | .65714 | .04736 | .18195 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .60722 | .84490 | 2.9536 | .91820 | 1.3461 | 1.7291 | 61.293 | 13.130 |
| #2 | .60458 | .83707 | 2.9523 | .91455 | 1.3440 | 1.7107 | 61.331 | 13.176 |
| #3 | .60494 | .83408 | 2.9405 | .91381 | 1.3446 | 1.7313 | 61.350 | 13.167 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 16.395 | 5.3060 | .36444 | 4.9765 | 1.9133 | .02607 | 6.8116 | 1.6870 |
| Stddev | .038   | .0146  | .00053 | .0113  | .0027  | .00012 | .0182  | .0046  |
| %RSD   | .22880 | .27523 | .14456 | .22659 | .14217 | .47884 | .26742 | .27587 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.421 | 5.2911 | .36469 | 4.9846 | 1.9164 | .02615 | 6.8148 | 1.6922 |
| #2 | 16.411 | 5.3202 | .36383 | 4.9812 | 1.9121 | .02613 | 6.8280 | 1.6833 |
| #3 | 16.352 | 5.3066 | .36479 | 4.9636 | 1.9113 | .02592 | 6.7920 | 1.6855 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 4.8478 | .89545 | .35043 | .69327 | 12.180 | .15691 | 22.438 | 5.7872 |
| Stddev | .0112  | .00061 | .00111 | .00268 | .039   | .00055 | .074   | .0115  |
| %RSD   | .23016 | .06861 | .31697 | .38588 | .32102 | .35346 | .32764 | .19812 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8553 | .89497 | .35117 | .69513 | 12.193 | .15642 | 22.376 | 5.7996 |
| #2 | 4.8532 | .89614 | .35096 | .69447 | 12.136 | .15751 | 22.419 | 5.7770 |
| #3 | 4.8350 | .89523 | .34915 | .69020 | 12.211 | .15678 | 22.519 | 5.7851 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 1.6330 | 6.1717 | .02257 | .51337 | .02871 | 5.5035 | 174.03 |  |
| Stddev | .0045  | .0222  | .00031 | .00075 | .00021 | .0312  | 1.04   |  |
| %RSD   | .27352 | .36041 | 1.3908 | .14603 | .73118 | .56724 | .59966 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.6364 | 6.1460 | .02225 | .51419 | .02890 | 5.5395 | 172.93 |  |
| #2 | 1.6346 | 6.1850 | .02260 | .51319 | .02874 | 5.4880 | 174.17 |  |
| #3 | 1.6279 | 6.1840 | .02287 | .51273 | .02848 | 5.4832 | 175.00 |  |

Sample Name: S5      Acquired: 9/3/2024 17:38:46      Type: Cal  
Method: NON EPA-6010-200.7(v2389)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      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       | 3705.5 | 47782. | 1919.5 | 2823.1 | 4873.9 |
| Stddev    | 4.4    | 153.   | 10.0   | 12.5   | 12.6   |
| %RSD      | .11931 | .32072 | .51890 | .44432 | .25753 |
| #1        | 3700.6 | 47946. | 1927.8 | 2831.0 | 4868.2 |
| #2        | 3706.6 | 47756. | 1922.4 | 2829.6 | 4865.2 |
| #3        | 3709.2 | 47643. | 1908.5 | 2808.6 | 4888.3 |



Sample Name: ICV01      Acquired: 9/3/2024 17:42:57      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9925596 | 1.030885 | .9806792 | 1.027347 | 1.045151 | 2.591622 |
| Stddev | .0047761 | .003914  | .0030739 | .001259  | .002160  | .021984  |
| %RSD   | .4811859 | .3797010 | .3134480 | .1225433 | .2066295 | .8482799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9980669 | 1.033215 | .9787185 | 1.028798 | 1.042699 | 2.617004 |
| #2 | .9900576 | 1.026366 | .9790972 | 1.026696 | 1.046770 | 2.579259 |
| #3 | .9895544 | 1.033074 | .9842220 | 1.026547 | 1.045984 | 2.578603 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5175795 | .5332692 | .4883621 | 10.36271 | .5407894 | .5198193 |
| Stddev | .0002060 | .0038213 | .0004403 | .02867   | .0014649 | .0002187 |
| %RSD   | .0397964 | .7165708 | .0901524 | .2766378 | .2708720 | .0420782 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5176121 | .5376180 | .4879644 | 10.35081 | .5400041 | .5198719 |
| #2 | .5177672 | .5304485 | .4882866 | 10.39542 | .5398846 | .5200069 |
| #3 | .5173591 | .5317410 | .4888352 | 10.34192 | .5424794 | .5195790 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5425485 | 10.43162 | .5279604 | 6.118968 | .5202065 | .2722881 |
| Stddev | .0014875 | .08679   | .0023462 | .022427  | .0003163 | .0017822 |
| %RSD   | .2741590 | .8319976 | .4443855 | .3665162 | .0608024 | .6545341 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5424699 | 10.33814 | .5286222 | 6.113450 | .5204973 | .2715982 |
| #2 | .5411020 | 10.50965 | .5299047 | 6.143639 | .5202524 | .2709540 |
| #3 | .5440737 | 10.44707 | .5253545 | 6.099815 | .5198698 | .2743121 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.40223 | .4990156 | 1.044072 | 10.22358 | 2.639386 | 2.732939 |
| Stddev | .02910   | .0130850 | .003817  | .12274   | .017460  | .001851  |
| %RSD   | .2797138 | 2.622159 | .3655667 | 1.200606 | .6615358 | .0677335 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.39276 | .5001399 | 1.040736 | 10.11504 | 2.659523 | 2.733283 |
| #2 | 10.37904 | .4854047 | 1.048234 | 10.35678 | 2.630176 | 2.730941 |
| #3 | 10.43488 | .5115021 | 1.043247 | 10.19891 | 2.628458 | 2.734595 |

Sample Name: ICV01      Acquired: 9/3/2024 17:42:57      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | 2.658625 | 2.679327 | F 1.938989 | F .0020518 | F -.266485 | F -.007560 |
| Stddev | .002852  | .008945  | .011796    | .0023213   | .018054    | .007271    |
| %RSD   | .1072747 | .3338513 | .6083756   | 113.1318   | 6.774724   | 96.17659   |
| #1     | 2.655939 | 2.680379 | 1.952101   | .0017073   | -.258907   | -.008732   |
| #2     | 2.658318 | 2.687700 | 1.935627   | .0045261   | -.253455   | -.014175   |
| #3     | 2.661618 | 2.669903 | 1.929238   | -.000078   | -.287093   | .000225    |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.008877 |
| Stddev | .000177    |
| %RSD   | 1.992264   |
| #1     | -.008722   |
| #2     | -.008840   |
| #3     | -.009070   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3971.673 | 50354.39 | 2094.346 | 3038.029 | 5554.516 |
| Stddev    | 12.798   | 120.39   | 12.102   | 15.855   | 14.592   |
| %RSD      | .3222378 | .2390761 | .5778526 | .5218791 | .2626994 |
| #1        | 3957.139 | 50435.90 | 2081.440 | 3050.864 | 5537.846 |
| #2        | 3976.627 | 50216.12 | 2096.158 | 3020.305 | 5560.731 |
| #3        | 3981.254 | 50411.16 | 2105.440 | 3042.916 | 5564.971 |

Sample Name: LLICV01      Acquired: 9/3/2024 18:03:47      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0234132 | .0380806 | .0141859 | .0173318 | .0531571 | F .1624924 |
| Stddev | .0017308 | .0024092 | .0007035 | .0027022 | .0039051 | .0247405   |
| %RSD   | 7.392241 | 6.326506 | 4.959034 | 15.59071 | 7.346311 | 15.22561   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0250929 | .0359444 | .0133798 | .0143256 | .0492089 | .1845551 |
| #2 | .0235113 | .0376054 | .0146760 | .0195585 | .0570176 | .1671780 |
| #3 | .0216355 | .0406919 | .0145018 | .0181115 | .0532448 | .1357443 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1003719 | .0061948 | .0056896 | 2.037663 | .0110932 | .0289737 |
| Stddev | .0021581 | .0000503 | .0001372 | .057890  | .0007116 | .0001480 |
| %RSD   | 2.150127 | .8128303 | 2.411182 | 2.841017 | 6.414950 | .5108020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1024391 | .0061510 | .0058275 | 2.036690 | .0110678 | .0291403 |
| #2 | .0981331 | .0061835 | .0056882 | 1.980265 | .0103946 | .0289232 |
| #3 | .1005435 | .0062498 | .0055532 | 2.096033 | .0118171 | .0288575 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0213606 | .1041671 | .0199337 | 2.178279 | .0383413 | F .0124550 |
| Stddev | .0004834 | .0079695 | .0007002 | .053140  | .0002970 | .0003553   |
| %RSD   | 2.263192 | 7.650667 | 3.512696 | 2.439526 | .7746840 | 2.852484   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209567 | .1098424 | .0207248 | 2.238786 | .0384332 | .0121364 |
| #2 | .0212289 | .1076028 | .0196826 | 2.139194 | .0380091 | .0128381 |
| #3 | .0218963 | .0950560 | .0193936 | 2.156858 | .0385814 | .0123906 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.058685 | .0413135 | .0434186 | 1.766633 | .0972595 | .1981243 |
| Stddev | .022331  | .0058458 | .0007028 | .077611  | .0017567 | .0005754 |
| %RSD   | 1.084717 | 14.14979 | 1.618729 | 4.393161 | 1.806238 | .2904185 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.044349 | .0358151 | .0426120 | 1.695950 | .0991249 | .1976107 |
| #2 | 2.047292 | .0406716 | .0437440 | 1.754262 | .0956367 | .1987461 |
| #3 | 2.084415 | .0474537 | .0438997 | 1.849686 | .0970167 | .1980161 |

Sample Name: LLICV01      Acquired: 9/3/2024 18:03:47      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | .0364590 | .0397616 | F .2543118 | .0169400 | F 3.267524 | F .0039585 |
| Stddev | .0006481 | .0017511 | .0208044   | .0010631 | .022301    | .0064585   |
| %RSD   | 1.777731 | 4.404064 | 8.180684   | 6.275636 | .6825126   | 163.1542   |
| #1     | .0371187 | .0389105 | .2340483   | .0181434 | 3.289240   | .0111679   |
| #2     | .0364351 | .0385986 | .2532689   | .0165481 | 3.268652   | -.001299   |
| #3     | .0358231 | .0417756 | .2756180   | .0161285 | 3.244680   | .002006    |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0202924 |
| Stddev | .0002715 |
| %RSD   | 1.338113 |
| #1     | .0205926 |
| #2     | .0202207 |
| #3     | .0200640 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3898.832 | 51697.77 | 2063.869 | 3078.710 | 5676.015 |
| Stddev    | 15.820   | 436.12   | 17.266   | 24.127   | 25.725   |
| %RSD      | .4057505 | .8435867 | .8366068 | .7836794 | .4532239 |
| #1        | 3898.650 | 51804.31 | 2050.762 | 3086.627 | 5675.113 |
| #2        | 3883.104 | 52070.75 | 2083.433 | 3097.883 | 5650.752 |
| #3        | 3914.741 | 51218.26 | 2057.410 | 3051.619 | 5702.179 |

Sample Name: ICB01      Acquired: 9/3/2024 18:15:46      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050377 | -.000084 | -.000458 | -.001111 | .0012495 | .0352845 |
| Stddev | .0018119 | .001035  | .002002  | .000247  | .0020679 | .0419130 |
| %RSD   | 35.96691 | 1232.109 | 437.5754 | 22.23656 | 165.5075 | 118.7860 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066670 | .000417  | -.002752 | -.001277 | -.000666 | .0140761 |
| #2 | .0053598 | -.001274 | .000939  | -.000827 | .000973  | .0835630 |
| #3 | .0030864 | .000606  | .000440  | -.001230 | .003442  | .0082143 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084270 | .0000118 | -.000122 | .0597435 | .0007538 | -.000053 |
| Stddev | .0044516 | .0000569 | .000218  | .0240049 | .0003881 | .000277  |
| %RSD   | 52.82569 | 481.2070 | 178.3804 | 40.18001 | 51.49199 | 527.2613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0119446 | .0000071 | .000086  | .0676556 | .0003394 | .000098  |
| #2 | .0034222 | -.000043 | -.000349 | .0327812 | .0011088 | .000116  |
| #3 | .0099144 | .000071  | -.000104 | .0787936 | .0008132 | -.000373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000826 | .0010897 | -.001030 | .0144556 | .0002648 | -.000205 |
| Stddev | .000396  | .0207767 | .001134  | .0248184 | .0002857 | .000912  |
| %RSD   | 47.95568 | 1906.709 | 110.1638 | 171.6863 | 107.9208 | 443.8055 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000833 | .0217809 | -.000696 | .0205814 | .0004271 | .000340  |
| #2 | -.000426 | -.019771 | -.000100 | -.012852 | .0004324 | -.001258 |
| #3 | -.001218 | .001260  | -.002294 | .035637  | -.000065 | .000302  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210334 | .0042405 | -.000298 | -.232334 | .0001375 | -.000282 |
| Stddev | .0470015 | .0063627 | .000371  | .133081  | .0027699 | .000431  |
| %RSD   | 223.4614 | 150.0481 | 124.3701 | 57.28005 | 2014.293 | 152.8879 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.013272 | .0109856 | -.000666 | -.377187 | -.000789 | .000186  |
| #2 | .001765  | .0033902 | .000076  | -.115480 | -.002050 | -.000368 |
| #3 | .074607  | -.001654 | -.000305 | -.204335 | .003252  | -.000664 |

Sample Name: ICB01      Acquired: 9/3/2024 18:15:46      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.000508 | .0068372 | .0129883 | -.000114 | F -.021946 | F .0169321 |
| Stddev | .000528  | .0010976 | .0075274 | .001132  | .053987    | .0120542   |
| %RSD   | 104.0331 | 16.05393 | 57.95517 | 996.8579 | 245.9977   | 71.19095   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000837 | .0059415 | .0133461 | -.000945 | .007270  | .0033215 |
| #2 | .000102  | .0080616 | .0203305 | .001176  | -.084245 | .0262605 |
| #3 | -.000788 | .0065084 | .0052885 | -.000571 | .011137  | .0212144 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0001400 |
| Stddev | .0000761 |
| %RSD   | 54.30951 |

|    |          |
|----|----------|
| #1 | .0002189 |
| #2 | .0000671 |
| #3 | .0001341 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3962.932 | 50954.39 | 1969.142 | 3054.874 | 5917.044 |
| Stddev    | 16.200   | 297.17   | 13.880   | 26.762   | 25.393   |
| %RSD      | .4087954 | .5832022 | .7048711 | .8760453 | .4291523 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3952.816 | 50633.03 | 1954.446 | 3030.963 | 5901.946 |
| #2 | 3981.617 | 51219.25 | 1982.028 | 3083.782 | 5946.361 |
| #3 | 3954.363 | 51010.89 | 1970.952 | 3049.875 | 5902.824 |

Sample Name: CRI01      Acquired: 9/3/2024 18:25:05      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0221213 | .0403819 | .0137915 | .0190655 | .0531687 | .1152839 |
| Stddev | .0021749 | .0024644 | .0014363 | .0019702 | .0008847 | .0593697 |
| %RSD   | 9.831667 | 6.102734 | 10.41420 | 10.33399 | 1.663880 | 51.49873 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0232807 | .0394139 | .0129062 | .0211470 | .0541054 | .1131764 |
| #2 | .0234708 | .0385484 | .0130196 | .0188200 | .0530533 | .1756793 |
| #3 | .0196123 | .0431833 | .0154487 | .0172295 | .0523474 | .0569959 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1051539 | .0062459 | .0056731 | 2.054625 | .0105062 | .0295421 |
| Stddev | .0006754 | .0001118 | .0002457 | .020465  | .0008026 | .0003357 |
| %RSD   | .6423424 | 1.789497 | 4.331488 | .9960528 | 7.639618 | 1.136169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1048804 | .0062026 | .0059064 | 2.068137 | .0102063 | .0296070 |
| #2 | .1059232 | .0061622 | .0054166 | 2.064659 | .0098967 | .0291787 |
| #3 | .1046581 | .0063728 | .0056964 | 2.031079 | .0114156 | .0298405 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0223942 | .1066852 | .0192771 | 2.288970 | .0389057 | F .0130356 |
| Stddev | .0004456 | .0122751 | .0005105 | .012346  | .0006551 | .0000952   |
| %RSD   | 1.989992 | 11.50588 | 2.648108 | .5393594 | 1.683693 | .7306599   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0228267 | .0961465 | .0186896 | 2.278052 | .0392187 | .0129702 |
| #2 | .0224194 | .1037460 | .0195297 | 2.302367 | .0381529 | .0129917 |
| #3 | .0219365 | .1201630 | .0196120 | 2.286489 | .0393456 | .0131449 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.122826 | .0320544 | .0441931 | 1.724288 | .0932199 | .2009717 |
| Stddev | .061028  | .0053576 | .0004586 | .089438  | .0028744 | .0020563 |
| %RSD   | 2.874826 | 16.71403 | 1.037707 | 5.186969 | 3.083495 | 1.023172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.059776 | .0304517 | .0446649 | 1.814968 | .0943731 | .2000312 |
| #2 | 2.127096 | .0276812 | .0441655 | 1.636145 | .0953387 | .1995538 |
| #3 | 2.181607 | .0380305 | .0437490 | 1.721752 | .0899480 | .2033300 |

Sample Name: CRI01      Acquired: 9/3/2024 18:25:05      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | .0366254 | .0378189 | F .2777960 | .0189341 | F 3.313648 | F .0282082 |
| Stddev | .0004377 | .0014039 | .0161278   | .0023968 | .013211    | .0031392   |
| %RSD   | 1.195014 | 3.712080 | 5.805621   | 12.65873 | .3986812   | 11.12868   |
| #1     | .0368387 | .0371980 | .2710138   | .0198790 | 3.305529   | .0301708   |
| #2     | .0361220 | .0394261 | .2962073   | .0162088 | 3.306522   | .0298662   |
| #3     | .0369156 | .0368324 | .2661669   | .0207144 | 3.328892   | .0245876   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0212672 |
| Stddev | .0002500 |
| %RSD   | 1.175713 |
| #1     | .0214020 |
| #2     | .0214208 |
| #3     | .0209786 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3952.514 | 51337.11 | 2088.930 | 3109.417 | 5760.832 |
| Stddev    | 16.725   | 240.79   | 14.190   | 24.745   | 32.701   |
| %RSD      | .4231438 | .4690448 | .6793045 | .7958094 | .5676372 |
| #1        | 3940.627 | 51158.71 | 2072.588 | 3087.126 | 5740.467 |
| #2        | 3971.639 | 51241.62 | 2096.070 | 3105.081 | 5798.552 |
| #3        | 3945.277 | 51611.00 | 2098.133 | 3136.043 | 5743.478 |



Sample Name: ICSA01      Acquired: 9/3/2024 18:34:49      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101096 | .0167409 | -.004032 | -.007902 | .0009491 | 258.8552 |
| Stddev | .0028929 | .0012500 | .002153  | .003856  | .0032397 | 1.5948   |
| %RSD   | 28.61592 | 7.466905 | 53.40616 | 48.80255 | 341.3434 | .6161085 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0090856 | .0165168 | -.002915 | -.004292 | -.002361 | 260.5035 |
| #2 | .0133752 | .0156181 | -.002667 | -.007448 | .001094  | 257.3198 |
| #3 | .0078678 | .0180879 | -.006514 | -.011965 | .004114  | 258.7422 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046942 | .0024020 | -.004909 | 246.7083 | .0600022 | .0009860 |
| Stddev | .0058646 | .0000866 | .000248  | 1.8478   | .0012786 | .0004918 |
| %RSD   | 124.9312 | 3.605780 | 5.054609 | .7489718 | 2.130983 | 49.87102 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0111794 | .0023113 | -.005166 | 248.4049 | .0606303 | .0010771 |
| #2 | -.000237 | .0024107 | -.004891 | 244.7395 | .0608454 | .0014259 |
| #3 | .003140  | .0024839 | -.004671 | 246.9806 | .0585310 | .0004551 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022049 | 111.8047 | .0159455 | 261.8064 | .0034257 | .0018766 |
| Stddev | .0003443 | 1.0794   | .0006330 | 1.2805   | .0004549 | .0007062 |
| %RSD   | 15.61318 | .9654058 | 3.969604 | .4890843 | 13.27869 | 37.62943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0018257 | 113.0371 | .0165204 | 262.9868 | .0038980 | .0010620 |
| #2 | .0022914 | 111.0275 | .0152672 | 260.4451 | .0029905 | .0023146 |
| #3 | .0024977 | 111.3496 | .0160488 | 261.9871 | .0033888 | .0022533 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1079554 | .0009445 | -.001140 | -.120371 | -.025019 | .0005146 |
| Stddev | .0386148 | .0089580 | .000234  | .024420  | .002839  | .0004784 |
| %RSD   | 35.76925 | 948.4522 | 20.49723 | 20.28754 | 11.34644 | 92.97487 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1380276 | -.004571 | -.001006 | -.138755 | -.021995 | .0000214 |
| #2 | .1214299 | .011281  | -.001004 | -.129695 | -.027626 | .0009767 |
| #3 | .0644087 | -.003876 | -.001410 | -.092662 | -.025435 | .0005456 |

Sample Name: ICSA01      Acquired: 9/3/2024 18:34:49      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.003456 | .0012413 | -.003930 | .0003009 | F .0808760 | F .0514711 |
| Stddev | .000566  | .0028884 | .029662  | .0023977 | .0296100   | .0080005   |
| %RSD   | 16.37633 | 232.6858 | 754.7719 | 796.7509 | 36.61163   | 15.54369   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003794 | .0013476 | .030266  | .0021304 | .0869583 | .0442614 |
| #2 | -.002802 | -.001699 | -.019347 | .0011858 | .0486971 | .0500737 |
| #3 | -.003770 | .004075  | -.022709 | -.002413 | .1069726 | .0600783 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.006795 |
| Stddev | .000356  |
| %RSD   | 5.235339 |

|    |          |
|----|----------|
| #1 | -.007191 |
| #2 | -.006693 |
| #3 | -.006502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3752.734 | 45429.10 | 2042.894 | 2842.335 | 4906.155 |
| Stddev    | 15.502   | 404.77   | 13.357   | 13.692   | 17.760   |
| %RSD      | .4130812 | .8909946 | .6538081 | .4816997 | .3620003 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3744.441 | 44986.99 | 2031.004 | 2827.639 | 4899.400 |
| #2 | 3743.143 | 45781.47 | 2057.346 | 2854.731 | 4892.763 |
| #3 | 3770.619 | 45518.85 | 2040.331 | 2844.636 | 4926.302 |

Sample Name: ICSAB01      Acquired: 9/3/2024 18:39:03      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1098326 | .1117022 | .0411286 | .0435814 | .6055069 | 254.2281 |
| Stddev | .0018861 | .0008164 | .0006544 | .0042383 | .0068386 | .8082    |
| %RSD   | 1.717212 | .7308391 | 1.591125 | 9.725019 | 1.129402 | .3178866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1092816 | .1120623 | .0412916 | .0478100 | .5988109 | 254.2242 |
| #2 | .1082834 | .1122766 | .0404081 | .0393335 | .6052302 | 255.0382 |
| #3 | .1119328 | .1107677 | .0416861 | .0436008 | .6124797 | 253.4219 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5184443 | .5189630 | .9665333 | 241.5465 | .5905490 | .5088667 |
| Stddev | .0024593 | .0050355 | .0045252 | .9375    | .0034578 | .0026209 |
| %RSD   | .4743565 | .9703064 | .4681841 | .3881074 | .5855259 | .5150517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5200064 | .5198736 | .9640694 | 240.8034 | .5931818 | .5075831 |
| #2 | .5197169 | .5234811 | .9637748 | 242.5997 | .5918323 | .5071349 |
| #3 | .5156095 | .5135343 | .9717557 | 241.2363 | .5866330 | .5118820 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5003051 | 108.0299 | .5203209 | 255.1827 | 1.013579 | .2246654 |
| Stddev | .0031382 | .3973    | .0018312 | .5148    | .004272  | .0016175 |
| %RSD   | .6272655 | .3677627 | .3519391 | .2017342 | .4215098 | .7199431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4977865 | 107.7644 | .5201437 | 255.0154 | 1.011592 | .2239551 |
| #2 | .4993081 | 107.8387 | .5222343 | 255.7604 | 1.010661 | .2265165 |
| #3 | .5038208 | 108.4867 | .5185847 | 254.7724 | 1.018483 | .2235246 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1764392 | .5037163 | 1.054486 | -.180898 | .8840248 | .9753306 |
| Stddev | .0736440 | .0143962 | .006220  | .141923  | .0087839 | .0060697 |
| %RSD   | 41.73901 | 2.858003 | .5898932 | 78.45493 | .9936245 | .6223269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0973646 | .4899760 | 1.058417 | -.269815 | .8863937 | .9722839 |
| #2 | .1888868 | .5186892 | 1.057725 | -.255655 | .8913812 | .9713877 |
| #3 | .2430660 | .5024837 | 1.047314 | -.017223 | .8742993 | .9823203 |

Sample Name: ICSAB01      Acquired: 9/3/2024 18:39:03      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | .9695995 | .9671440 | F .7466100 | F .0057312 | F -.003857 | F .0641675 |
| Stddev | .0045135 | .0026137 | .0328730   | .0010985   | .042011    | .0172193   |
| %RSD   | .4655007 | .2702474 | 4.402969   | 19.16698   | 1089.268   | 26.83489   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9672074 | .9643264 | .7834718 | .0046805 | .031604  | .0457817 |
| #2 | .9667855 | .9694894 | .7360237 | .0056413 | -.050254 | .0799159 |
| #3 | .9748055 | .9676162 | .7203345 | .0068720 | .007080  | .0668048 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.006076 |
| Stddev | .000502    |
| %RSD   | 8.268192   |

|    |          |
|----|----------|
| #1 | -.005976 |
| #2 | -.005631 |
| #3 | -.006621 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3757.150 | 45333.93 | 2014.147 | 2831.599 | 4944.378 |
| Stddev    | 14.489   | 81.16    | 8.125    | 7.453    | 19.558   |
| %RSD      | .3856408 | .1790377 | .4034036 | .2632041 | .3955585 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3760.909 | 45262.59 | 2012.655 | 2823.027 | 4943.609 |
| #2 | 3769.389 | 45422.24 | 2006.872 | 2835.226 | 4964.309 |
| #3 | 3741.152 | 45316.97 | 2022.915 | 2836.544 | 4925.216 |

Sample Name: CCV01      Acquired: 9/3/2024 18:43:14      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.956281 | 4.844666 | 4.958946 | 4.946418 | 4.992856 | 9.831285 |
| Stddev | .015937  | .059271  | .024486  | .018542  | .021467  | .040750  |
| %RSD   | .3215524 | 1.223438 | .4937833 | .3748635 | .4299553 | .4144974 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.937880 | 4.913022 | 4.931416 | 4.925261 | 4.971790 | 9.877253 |
| #2 | 4.965294 | 4.807543 | 4.967129 | 4.954150 | 4.992074 | 9.799595 |
| #3 | 4.965669 | 4.813432 | 4.978292 | 4.959842 | 5.014703 | 9.817006 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.878835 | .2436798 | 2.484694 | 24.52105 | 1.007261 | 2.488294 |
| Stddev | .032399  | .0019554 | .010520  | .03215   | .001955  | .009722  |
| %RSD   | .3279655 | .8024385 | .4234007 | .1311062 | .1940435 | .3907195 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.877498 | .2454186 | 2.472800 | 24.48914 | 1.009030 | 2.477166 |
| #2 | 9.847124 | .2415630 | 2.488501 | 24.52059 | 1.007591 | 2.492572 |
| #3 | 9.911881 | .2440577 | 2.492780 | 24.55343 | 1.005163 | 2.495144 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.253918 | 5.085885 | 2.467265 | 24.56207 | 2.483729 | 1.255569 |
| Stddev | .005681  | .066051  | .001930  | .02185   | .009405  | .002154  |
| %RSD   | .4530871 | 1.298703 | .0782374 | .0889729 | .3786678 | .1715386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.248776 | 5.023845 | 2.467253 | 24.56845 | 2.473251 | 1.256662 |
| #2 | 1.252962 | 5.155323 | 2.469200 | 24.53774 | 2.486493 | 1.253088 |
| #3 | 1.260017 | 5.078485 | 2.465340 | 24.58003 | 2.491442 | 1.256957 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.24805 | 2.489666 | 2.498650 | 24.69162 | 4.893828 | 5.018884 |
| Stddev | .17629   | .004786  | .003325  | .07063   | .036341  | .010932  |
| %RSD   | .6982262 | .1922326 | .1330754 | .2860407 | .7425957 | .2178157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.04454 | 2.487852 | 2.501943 | 24.61128 | 4.928153 | 5.008136 |
| #2 | 25.35388 | 2.495093 | 2.498713 | 24.74393 | 4.855760 | 5.018526 |
| #3 | 25.34572 | 2.486051 | 2.495294 | 24.71965 | 4.897572 | 5.029991 |

Sample Name: CCV01      Acquired: 9/3/2024 18:43:14      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.948997 | 4.937226 | 4.910886 | 4.931965 | F 3.957256 | 4.836817 |
| Stddev | .018440  | .012209  | .054876  | .019057  | .045745    | .017677  |
| %RSD   | .3726017 | .2472934 | 1.117439 | .3863964 | 1.155976   | .3654627 |
| #1     | 4.928682 | 4.943048 | 4.847670 | 4.911324 | 3.996375   | 4.825521 |
| #2     | 4.953631 | 4.945434 | 4.938728 | 4.935682 | 3.906958   | 4.827741 |
| #3     | 4.964678 | 4.923195 | 4.946260 | 4.948890 | 3.968436   | 4.857188 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.909338 |
| Stddev | .051459  |
| %RSD   | 1.048195 |
| #1     | 4.962741 |
| #2     | 4.860072 |
| #3     | 4.905202 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3826.683 | 48554.35 | 2042.072 | 2918.288 | 5179.038 |
| Stddev    | 9.323    | 268.10   | 8.114    | 21.193   | 11.011   |
| %RSD      | .2436278 | .5521607 | .3973380 | .7262115 | .2126119 |
| #1        | 3828.648 | 48699.53 | 2034.293 | 2928.311 | 5184.028 |
| #2        | 3834.867 | 48244.97 | 2041.439 | 2893.942 | 5186.670 |
| #3        | 3816.535 | 48718.54 | 2050.484 | 2932.610 | 5166.415 |

Sample Name: CCB01      Acquired: 9/3/2024 18:47:29      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042685 | .0020195 | -.000349 | .0011510 | .0010331 | .0442932 |
| Stddev | .0024700 | .0011617 | .000810  | .0025159 | .0016450 | .0471271 |
| %RSD   | 57.86610 | 57.52612 | 231.9507 | 218.5801 | 159.2224 | 106.3979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0028926 | .0032110 | -.000322 | .0012098 | .0010563 | -.006797 |
| #2 | .0071201 | .0008900 | .000447  | .0036370 | -.000623 | .053611  |
| #3 | .0027929 | .0019575 | -.001172 | -.001394 | .002666  | .086065  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000882 | .0000357 | -.000091 | .0185041 | .0011480 | -.000302 |
| Stddev | .002468  | .0001285 | .000033  | .0115362 | .0004781 | .000060  |
| %RSD   | 279.9800 | 359.4639 | 36.31796 | 62.34371 | 41.64793 | 19.73632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001879  | .0000221 | -.000083 | .0250263 | .0016256 | -.000234 |
| #2 | -.001650 | -.000085 | -.000063 | .0051843 | .0011492 | -.000329 |
| #3 | -.002875 | .000171  | -.000127 | .0253018 | .0006693 | -.000343 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000106 | -.002293 | -.000279 | .0210705 | .0002872 | -.000199 |
| Stddev | .000135  | .013926  | .000679  | .0121710 | .0004848 | .000162  |
| %RSD   | 127.6766 | 607.3304 | 243.6350 | 57.76351 | 168.7811 | 81.40070 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000020  | -.014037 | .000395  | .0302381 | .0001429 | -.000315 |
| #2 | -.000248 | .013092  | -.000268 | .0072617 | -.000109 | -.000266 |
| #3 | -.000089 | -.005935 | -.000963 | .0257117 | .000828  | -.000014 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0480027 | .0060737 | -.000368 | -.378919 | .0011888 | .0002029 |
| Stddev | .0187625 | .0025273 | .000130  | .048306  | .0013428 | .0004476 |
| %RSD   | 39.08627 | 41.61152 | 35.25251 | 12.74844 | 112.9514 | 220.6248 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0398062 | .0040985 | -.000381 | -.378319 | -.000080 | -.000162 |
| #2 | .0694688 | .0052007 | -.000490 | -.427523 | .002595  | .000702  |
| #3 | .0347330 | .0089218 | -.000232 | -.330916 | .001051  | .000069  |

Sample Name: CCB01      Acquired: 9/3/2024 18:47:29      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.000087 | -.001351 | .0103885 | -.001325 | F -.023845 | .0089859 |
| Stddev | .000577  | .003252  | .0305038 | .000621  | .010473    | .0139730 |
| %RSD   | 666.5396 | 240.6778 | 293.6320 | 46.87976 | 43.92123   | 155.4994 |
| #1     | -.000637 | .002298  | -.007301 | -.000663 | -.026949   | .0084256 |
| #2     | -.000137 | -.003942 | -.007145 | -.001896 | -.032416   | -.004699 |
| #3     | .000514  | -.002409 | .045611  | -.001417 | -.012171   | .023231  |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0001519 |
| Stddev | .0002736 |
| %RSD   | 180.1130 |
| #1     | .0003928 |
| #2     | .0002084 |
| #3     | -.000146 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3913.996 | 51299.82 | 2099.453 | 3086.511 | 5846.712 |
| Stddev    | 23.891   | 429.72   | 6.906    | 28.702   | 33.964   |
| %RSD      | .6103872 | .8376583 | .3289651 | .9299326 | .5809030 |
| #1        | 3923.054 | 50974.05 | 2107.365 | 3067.231 | 5861.628 |
| #2        | 3886.901 | 51138.57 | 2094.628 | 3072.804 | 5807.843 |
| #3        | 3932.034 | 51786.84 | 2096.367 | 3119.497 | 5870.666 |



Sample Name: LR1      Acquired: 9/3/2024 18:51:49      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0846726 | .1127676 | -.071632 | -.040937 | .0202926 | 1874.783 |
| Stddev | .0049212 | .0112971 | .003867  | .008462  | .0044901 | 17.268   |
| %RSD   | 5.812011 | 10.01805 | 5.398879 | 20.67153 | 22.12681 | .9210418 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0868393 | .1256423 | -.075299 | -.032940 | .0211142 | 1854.852 |
| #2 | .0881386 | .1081486 | -.072006 | -.040074 | .0243152 | 1884.279 |
| #3 | .0790398 | .1045119 | -.067592 | -.049798 | .0154485 | 1885.219 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0272147 | .0179906 | -.057764 | 1632.733 | -.005303 | .0166556 |
| Stddev | .0028393 | .0001018 | .000306  | 11.706   | .001151  | .0005255 |
| %RSD   | 10.43295 | .5657078 | .5302680 | .7169827 | 21.71372 | 3.154932 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0242829 | .0179560 | -.058025 | 1624.977 | -.006122 | .0172534 |
| #2 | .0274097 | .0181051 | -.057841 | 1646.198 | -.003986 | .0164469 |
| #3 | .0299515 | .0179106 | -.057427 | 1627.023 | -.005800 | .0162666 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.132373 | 1071.856 | .0091580 | 1631.647 | .0384177 | .0240858 |
| Stddev | .004187  | 3.666    | .0003228 | 4.063    | .0007128 | .0012878 |
| %RSD   | 3.162654 | .3420395 | 3.524852 | .2489993 | 1.855380 | 5.346804 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.137165 | 1075.992 | .0089518 | 1628.575 | .0376343 | .0249454 |
| #2 | -.130529 | 1069.009 | .0089922 | 1636.253 | .0390280 | .0247069 |
| #3 | -.129425 | 1070.566 | .0095300 | 1630.112 | .0385909 | .0226052 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664     | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1992.471 | .0438158 | -.011680 | F 1568.831 | .0468138 | -.000552 |
| Stddev | 40.540   | .0143633 | .000406  | 20.473     | .0130993 | .001186  |
| %RSD   | 2.034657 | 32.78113 | 3.479920 | 1.304960   | 27.98176 | 214.9593 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2035.080 | .0391568 | -.011447 | 1592.112 | .0571329 | -.001887 |
| #2 | 1954.379 | .0323603 | -.012149 | 1560.745 | .0320767 | -.000150 |
| #3 | 1987.954 | .0599303 | -.011443 | 1553.637 | .0512317 | .000382  |

Sample Name: LR1      Acquired: 9/3/2024 18:51:49      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000143 | -.011033 | .1921298 | .0380236 | -.053084 | .4628877 |
| Stddev | .001879  | .001392  | .0096310 | .0040424 | .093098  | .0193223 |
| %RSD   | 1317.947 | 12.61362 | 5.012739 | 10.63128 | 175.3779 | 4.174298 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000452 | -.012639 | .2005818 | .0424443 | .047863  | .4719387 |
| #2 | -.001847 | -.010215 | .1941632 | .0345156 | -.071551 | .4407012 |
| #3 | .001872  | -.010244 | .1816445 | .0371110 | -.135564 | .4760233 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -1.06060 |
| Stddev | .00379   |
| %RSD   | .3574819 |

|    |          |
|----|----------|
| #1 | -1.06471 |
| #2 | -1.05724 |
| #3 | -1.05984 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3245.698 | 39258.04 | 1992.159 | 2466.793 | 3780.306 |
| Stddev    | 16.630   | 192.07   | 1.213    | 17.489   | 19.324   |
| %RSD      | .5123715 | .4892467 | .0608706 | .7089761 | .5111817 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3251.742 | 39052.00 | 1993.511 | 2451.361 | 3788.392 |
| #2 | 3258.461 | 39432.14 | 1991.798 | 2485.790 | 3794.274 |
| #3 | 3226.891 | 39289.99 | 1991.168 | 2463.228 | 3758.252 |

Sample Name: LR2      Acquired: 9/3/2024 18:56:33      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136899 | .0308074 | 229.7563 | .0257871 | -.002896 | .1141256 |
| Stddev | .0016794 | .0013449 | 2.3418   | .0033767 | .005260  | .0052388 |
| %RSD   | 12.26710 | 4.365450 | 1.019272 | 13.09439 | 181.6656 | 4.590355 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0126023 | .0296435 | 232.1551 | .0293429 | -.008663 | .1176165 |
| #2 | .0156241 | .0304990 | 227.4759 | .0226239 | -.001662 | .1081017 |
| #3 | .0128434 | .0322797 | 229.6378 | .0253944 | .001638  | .1166585 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 101.9812 | -.006740 | -.006230 | .2313979 | .0397008 | -.000165 |
| Stddev | .4208    | .000030  | .000238  | .0586948 | .0007112 | .000767  |
| %RSD   | .4126205 | .4511692 | 3.812935 | 25.36530 | 1.791412 | 464.9685 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 101.6210 | -.006766 | -.006482 | .2118245 | .0389505 | -.001033 |
| #2 | 102.4437 | -.006748 | -.006011 | .2973783 | .0397868 | .000424  |
| #3 | 101.8789 | -.006707 | -.006198 | .1849908 | .0403651 | .000114  |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 301.7881 | -.004170 | 44.75400 | -.052966 | 45.98909 | .0034715 |
| Stddev | 3.0357     | .005334  | .09583   | .036448  | .13969   | .0003439 |
| %RSD   | 1.005910   | 127.9204 | .2141224 | 68.81500 | .3037356 | 9.905389 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 305.0427 | .001988  | 44.86454 | -.037857 | 46.14238 | .0036466 |
| #2 | 299.0332 | -.007353 | 44.69436 | -.026501 | 45.86899 | .0030753 |
| #3 | 301.2884 | -.007146 | 44.70309 | -.094538 | 45.95590 | .0036925 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6245117 | -.010707 | 37.20808 | .4469046 | -.001651 | -.009714 |
| Stddev | .0576986 | .000625  | .13201   | .0465426 | .000418  | .000503  |
| %RSD   | 9.238997 | 5.841363 | .3547848 | 10.41444 | 25.29298 | 5.174681 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6889988 | -.011429 | 37.17708 | .4745387 | -.002010 | -.009984 |
| #2 | .5777701 | -.010329 | 37.35283 | .4730060 | -.001193 | -.009134 |
| #3 | .6067662 | -.010363 | 37.09433 | .3931691 | -.001750 | -.010023 |

Sample Name: LR2      Acquired: 9/3/2024 18:56:33      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004825 | -.047994 | -.009384 | 1.653592 | 2.474183 | .0094620 |
| Stddev | .001261  | .001410  | .025793  | .009638  | .018554  | .0095973 |
| %RSD   | 26.13520 | 2.938628 | 274.8739 | .5828685 | .7498987 | 101.4303 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004328 | -.046478 | -.023198 | 1.646982 | 2.455295 | .0054763 |
| #2 | -.006259 | -.049266 | -.025328 | 1.649142 | 2.474870 | .0024997 |
| #3 | -.003888 | -.048239 | .020375  | 1.664651 | 2.492384 | .0204099 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0022780 |
| Stddev | .0001763 |
| %RSD   | 7.737345 |

|    |          |
|----|----------|
| #1 | .0024521 |
| #2 | .0022823 |
| #3 | .0020997 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3450.030 | 50150.78 | 2092.231 | 2677.278 | 5695.861 |
| Stddev    | 7.784    | 122.36   | 26.015   | 6.191    | 11.850   |
| %RSD      | .2256305 | .2439910 | 1.243429 | .2312470 | .2080382 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3446.771 | 50282.63 | 2118.698 | 2681.464 | 5696.608 |
| #2 | 3458.914 | 50128.84 | 2091.302 | 2670.166 | 5707.319 |
| #3 | 3444.404 | 50040.87 | 2066.692 | 2680.204 | 5683.655 |

Sample Name: P3774-04      Acquired: 9/3/2024 19:01:38      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033607 | .0046566 | .0028636 | -.001541 | .0041094 | .0984936 |
| Stddev | .0023868 | .0022030 | .0020824 | .002143  | .0018774 | .0434347 |
| %RSD   | 71.02296 | 47.31037 | 72.71965 | 139.0532 | 45.68599 | 44.09902 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0053019 | .0064850 | .0023835 | .000814  | .0059312 | .0620627 |
| #2 | .0006957 | .0022107 | .0010632 | -.003375 | .0042161 | .0868566 |
| #3 | .0040844 | .0052742 | .0051441 | -.002063 | .0021809 | .1465614 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0436139 | -.000103 | -.000087 | 279.8014 | .0025153 | .0060162 |
| Stddev | .0044288 | .000078  | .000135  | 2.1272   | .0005320 | .0001675 |
| %RSD   | 10.15459 | 75.49249 | 155.5268 | .7602619 | 21.14897 | 2.783292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0487276 | -.000187 | .000005  | 277.8079 | .0030490 | .0060676 |
| #2 | .0410091 | -.000032 | -.000242 | 279.5553 | .0025116 | .0061519 |
| #3 | .0411051 | -.000091 | -.000023 | 282.0409 | .0019851 | .0058290 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2611238 | 1.559764 | .2275396 | 4.388708 | .4935624 | -.000969 |
| Stddev | .0002842 | .017217  | .0015681 | .044122  | .0008508 | .000725  |
| %RSD   | .1088512 | 1.103799 | .6891385 | 1.005358 | .1723793 | 74.81064 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2609409 | 1.542788 | .2260741 | 4.341936 | .4933331 | -.000454 |
| #2 | .2609792 | 1.577212 | .2291933 | 4.429588 | .4945044 | -.000655 |
| #3 | .2614513 | 1.559293 | .2273515 | 4.394600 | .4928497 | -.001798 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 259.9140 | .0055888 | 1.001035 | 1.224330 | .0700499 | .0016268 |
| Stddev | 1.8698   | .0018448 | .004283  | .080782  | .0021295 | .0002031 |
| %RSD   | .7193870 | 33.00946 | .4279058 | 6.598090 | 3.039929 | 12.48669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 257.8296 | .0036032 | 1.005878 | 1.317419 | .0676777 | .0018595 |
| #2 | 261.4436 | .0059134 | .997745  | 1.172624 | .0717965 | .0015357 |
| #3 | 260.4688 | .0072497 | .999481  | 1.182947 | .0706755 | .0014851 |

Sample Name: P3774-04      Acquired: 9/3/2024 19:01:38      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.005078 | .0006639 | .2026692 | .1580765 | F 832.6541 | .0655591 |
| Stddev | .001145  | .0014228 | .0029723 | .0048303 | 1.5662     | .0206386 |
| %RSD   | 22.53722 | 214.3188 | 1.466576 | 3.055657 | .1880948   | 31.48087 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004465 | -.000747 | .2037632 | .1580834 | 834.4413 | .0418422 |
| #2 | -.004371 | .000640  | .2049394 | .1629033 | 831.9999 | .0794385 |
| #3 | -.006399 | .002098  | .1993049 | .1532428 | 831.5212 | .0753964 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.047228 |
| Stddev | .008092  |
| %RSD   | .7726836 |

|    |          |
|----|----------|
| #1 | 1.038169 |
| #2 | 1.049775 |
| #3 | 1.053739 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3546.370 | 44658.77 | 1869.195 | 2745.689 | 4602.690 |
| Stddev    | 14.718   | 61.39    | 6.634    | 12.121   | 20.921   |
| %RSD      | .4150238 | .1374567 | .3549057 | .4414731 | .4545465 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3554.682 | 44592.50 | 1870.467 | 2732.285 | 4607.656 |
| #2 | 3529.376 | 44713.70 | 1875.100 | 2755.881 | 4579.733 |
| #3 | 3555.052 | 44670.12 | 1862.017 | 2748.901 | 4620.682 |

Sample Name: P3774-05      Acquired: 9/3/2024 19:05:52      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001297 | .0034256 | .0039109 | .0000748 | .0038530 | .0208341 |
| Stddev | .0043166 | .0025293 | .0008280 | .0046931 | .0027666 | .0378070 |
| %RSD   | 3327.974 | 73.83534 | 21.17181 | 6276.645 | 71.80311 | 181.4669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004847 | .0030850 | .0029580 | .0036094 | .0014448 | .0562704 |
| #2 | .002861  | .0061080 | .0044551 | -.005250 | .0032392 | .0251969 |
| #3 | .002374  | .0010839 | .0043197 | .001865  | .0068749 | -.018965 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2080265 | -.000116 | .0001811 | 148.9975 | .0016262 | .0001590 |
| Stddev | .0015332 | .000067  | .0001166 | .4771    | .0007325 | .0002078 |
| %RSD   | .7370166 | 57.56273 | 64.35264 | .3202320 | 45.04474 | 130.7023 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2063217 | -.000075 | .0002490 | 148.5397 | .0010664 | -.000020 |
| #2 | .2092923 | -.000080 | .0000465 | 148.9609 | .0013570 | .000110  |
| #3 | .2084656 | -.000194 | .0002478 | 149.4919 | .0024553 | .000387  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017053 | .0426696 | .0393890 | 1.326059 | .0008170 | -.001068 |
| Stddev | .0006866 | .0075750 | .0005807 | .020349  | .0004294 | .000716  |
| %RSD   | 40.26410 | 17.75268 | 1.474215 | 1.534584 | 52.56346 | 67.03658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0013456 | .0345784 | .0392549 | 1.303098 | .0013079 | -.000356 |
| #2 | .0012732 | .0495928 | .0388871 | 1.333211 | .0005113 | -.001788 |
| #3 | .0024970 | .0438375 | .0400250 | 1.341866 | .0006316 | -.001059 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 322.2548 | -.000321 | .3368824 | .8081807 | .0405782 | .0008733 |
| Stddev | .7851    | .004152  | .0005263 | .2275016 | .0015127 | .0003048 |
| %RSD   | .2436161 | 1294.545 | .1562276 | 28.14984 | 3.727772 | 34.90557 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 322.6806 | -.004779 | .3371169 | 1.063573 | .0409090 | .0009853 |
| #2 | 321.3489 | .000381  | .3362796 | .627211  | .0418981 | .0011063 |
| #3 | 322.7350 | .003436  | .3372507 | .733758  | .0389275 | .0005283 |

Sample Name: P3774-05      Acquired: 9/3/2024 19:05:52      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.005874 | .0019692 | .0974634 | .0287115 | F 10.16424 | .0259408 |
| Stddev | .000637  | .0038598 | .0035611 | .0020183 | .10652     | .0047646 |
| %RSD   | 10.84076 | 196.0092 | 3.653785 | 7.029695 | 1.047948   | 18.36736 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006526 | .0058812 | .0977355 | .0310297 | 10.27340 | .0204391 |
| #2 | -.005841 | .0018626 | .1008807 | .0277598 | 10.06058 | .0286771 |
| #3 | -.005254 | -.001836 | .0937740 | .0273449 | 10.15875 | .0287061 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1014903 |
| Stddev | .0004371 |
| %RSD   | .4306639 |

|    |          |
|----|----------|
| #1 | .1010010 |
| #2 | .1016277 |
| #3 | .1018421 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3649.891 | 44626.45 | 1913.710 | 2753.519 | 4744.358 |
| Stddev    | 16.705   | 290.31   | .820     | 10.605   | 22.161   |
| %RSD      | .4576768 | .6505350 | .0428533 | .3851272 | .4670939 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3641.493 | 44310.31 | 1914.642 | 2742.081 | 4731.255 |
| #2 | 3669.129 | 44881.06 | 1913.392 | 2763.025 | 4769.944 |
| #3 | 3639.052 | 44688.00 | 1913.097 | 2755.450 | 4731.874 |



Sample Name: P3774-06      Acquired: 9/3/2024 19:10:08      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007095 | .0020604 | .0022080 | .0027260 | .0044545 | .0795720 | .1595940 |
| Stddev | .0053440 | .0018438 | .0004601 | .0017497 | .0030600 | .0298098 | .0005937 |
| %RSD   | 753.2183 | 89.48745 | 20.83633 | 64.18359 | 68.69530 | 37.46267 | .3720041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005241 | .0025131 | .0016999 | .0025940 | .0070944 | .0539650 | .1592746 |
| #2 | .005099  | .0036358 | .0023279 | .0010461 | .0011006 | .1122962 | .1602790 |
| #3 | .002271  | .0000324 | .0025963 | .0045379 | .0051683 | .0724548 | .1592283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000193 | -.000217 | 1.218806 | .0010511 | -.000016 | .0009324 | .0109661 |
| Stddev | .000206  | .000104  | .049067  | .0005719 | .000216  | .0003160 | .0048049 |
| %RSD   | 106.5366 | 47.87606 | 4.025839 | 54.41242 | 1367.999 | 33.89331 | 43.81584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000026  | -.000334 | 1.196068 | .0012250 | .000164  | .0006292 | .0099506 |
| #2 | -.000223 | -.000183 | 1.275118 | .0015158 | .000045  | .0009082 | .0067501 |
| #3 | -.000383 | -.000135 | 1.185232 | .0004124 | -.000256 | .0012599 | .0161976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095468 | .1053230 | .0003224 | -.000441 | 255.2099 | -.010842 | .1514574 |
| Stddev | .0005658 | .0532950 | .0004335 | .000953  | .2780    | .016669  | .0005714 |
| %RSD   | 5.926996 | 50.60149 | 134.4494 | 215.8627 | .1089393 | 153.7488 | .3772947 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090674 | .0437843 | .0006196 | -.001231 | 255.2766 | -.020535 | .1508644 |
| #2 | .0094019 | .1357813 | -.000175 | -.000710 | 254.9046 | .008406  | .1520045 |
| #3 | .0101710 | .1364035 | .000523  | .000617  | 255.4485 | -.020396 | .1515033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1544843 | .0392298 | -.000152 | -.003014 | .0026028 | .1192304 | .0109238 |
| Stddev | .0102683 | .0018514 | .000563  | .000451  | .0031445 | .0234027 | .0012257 |
| %RSD   | 6.646839 | 4.719511 | 371.3875 | 14.97265 | 120.8154 | 19.62815 | 11.21993 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1658127 | .0398764 | -.000491 | -.002681 | .0019099 | .1146982 | .0095297 |
| #2 | .1518514 | .0406712 | .000498  | -.003527 | -.000138 | .0984253 | .0118318 |
| #3 | .1457888 | .0371418 | -.000462 | -.002833 | .006036  | .1445678 | .0114101 |

Sample Name: P3774-06      Acquired: 9/3/2024 19:10:08      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.637825 | .0043019 | .0049449 |
| Stddev | .059604  | .0152635 | .0000822 |
| %RSD   | .7803771 | 354.8032 | 1.662081 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.706618 | -.001049 | .0048500 |
| #2 | 7.605245 | .021520  | .0049956 |
| #3 | 7.601612 | -.007565 | .0049890 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3547.578 | 45447.93 | 1864.438 | 2759.831 | 4706.380 |
| Stddev    | 5.652    | 153.76   | 13.378   | 11.163   | 8.033    |
| %RSD      | .1593128 | .3383182 | .7175531 | .4044731 | .1706795 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3541.284 | 45273.61 | 1849.143 | 2748.503 | 4697.172 |
| #2 | 3552.219 | 45505.93 | 1873.963 | 2760.169 | 4711.956 |
| #3 | 3549.231 | 45564.26 | 1870.207 | 2770.821 | 4710.011 |

Sample Name: P3774-07      Acquired: 9/3/2024 19:14:24      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033971 | .0053269 | -.000504 | .0030114 | .0003289 | .0440858 |
| Stddev | .0021082 | .0026181 | .000580  | .0020565 | .0030988 | .0406583 |
| %RSD   | 62.05761 | 49.14927 | 115.0509 | 68.29168 | 942.2936 | 92.22546 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0012356 | .0083064 | .000157  | .0020192 | .0038055 | .0620441 |
| #2 | .0054476 | .0033943 | -.000925 | .0053758 | -.002143 | -.002460 |
| #3 | .0035082 | .0042799 | -.000745 | .0016391 | -.000676 | .072673  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2107485 | -.000279 | -.000033 | .9901987 | .0010281 | -.000086 |
| Stddev | .0038794 | .000143  | .000122  | .0098637 | .0010780 | .000201  |
| %RSD   | 1.840779 | 51.42329 | 371.0120 | .9961359 | 104.8534 | 233.7620 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2081441 | -.000153 | -.000091 | .9889148 | .0003660 | -.000167 |
| #2 | .2152071 | -.000435 | -.000116 | .9810398 | .0022720 | .000143  |
| #3 | .2088943 | -.000249 | .000108  | 1.000642 | .0004463 | -.000234 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024745 | .0116994 | .0370097 | .3473725 | .0006425 | -.000783 |
| Stddev | .0003936 | .0158895 | .0017875 | .0296651 | .0001951 | .001042  |
| %RSD   | 15.90767 | 135.8152 | 4.829892 | 8.539850 | 30.37160 | 133.1071 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0021982 | .0076766 | .0354577 | .3800033 | .0007754 | -.001305 |
| #2 | .0029252 | -.001792 | .0389641 | .3400815 | .0007336 | -.001462 |
| #3 | .0023001 | .029214  | .0366073 | .3220326 | .0004185 | .000417  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 341.2886 | .0064330 | .1664929 | 1.440987 | .0571245 | -.000182 |
| Stddev | 2.4523   | .0097517 | .0004127 | .010819  | .0015333 | .000361  |
| %RSD   | .7185489 | 151.5875 | .2478862 | .7507988 | 2.684155 | 198.4644 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 339.3660 | .0053511 | .1660246 | 1.445071 | .0557654 | .000160  |
| #2 | 344.0503 | .0166805 | .1666505 | 1.428720 | .0568213 | -.000146 |
| #3 | 340.4493 | -.002733 | .1668036 | 1.449169 | .0587867 | -.000560 |

Sample Name: P3774-07      Acquired: 9/3/2024 19:14:24      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.002849 | .0023326 | .0923687 | .0184007 | F 10.02875 | .0297253 |
| Stddev | .000544  | .0019877 | .0223807 | .0021537 | .04288     | .0092335 |
| %RSD   | 19.10059 | 85.21448 | 24.22970 | 11.70475 | .4275997   | 31.06262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002283 | .0046261 | .0666707 | .0166811 | 9.97928  | .0308108 |
| #2 | -.003368 | .0012626 | .1028510 | .0177045 | 10.05157 | .0383680 |
| #3 | -.002894 | .0011092 | .1075845 | .0208164 | 10.05540 | .0199970 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0178236 |
| Stddev | .0002543 |
| %RSD   | 1.426648 |

|    |          |
|----|----------|
| #1 | .0177605 |
| #2 | .0181035 |
| #3 | .0176068 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3643.104 | 46045.24 | 1905.460 | 2848.670 | 4756.121 |
| Stddev    | 2.373    | 160.26   | 9.573    | 13.391   | 3.094    |
| %RSD      | .0651338 | .3480411 | .5024113 | .4700921 | .0650587 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3642.164 | 46209.31 | 1909.355 | 2854.691 | 4752.569 |
| #2 | 3645.803 | 45889.09 | 1912.473 | 2833.325 | 4757.567 |
| #3 | 3641.346 | 46037.33 | 1894.554 | 2857.994 | 4758.228 |

Sample Name: P3774-08      Acquired: 9/3/2024 19:18:39      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018105 | .0061045 | .0007162 | .0021514 | .0049518 | 1.253739 |
| Stddev | .0031275 | .0040215 | .0020123 | .0013794 | .0021511 | .025461  |
| %RSD   | 172.7467 | 65.87795 | 280.9637 | 64.11521 | 43.44038 | 2.030811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0032271 | .0106124 | -.001597 | .0036010 | .0049536 | 1.279348 |
| #2 | .0039790 | .0028855 | .002061  | .0019981 | .0071021 | 1.253440 |
| #3 | -.001775 | .0048154 | .001685  | .0008551 | .0027999 | 1.228429 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0931436 | .0018603 | -.000208 | 170.1277 | .0031685 | .0000654 |
| Stddev | .0019831 | .0001861 | .000119  | .0371    | .0004961 | .0001451 |
| %RSD   | 2.129087 | 10.00132 | 57.02330 | .0217837 | 15.65849 | 221.8352 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0923165 | .0020622 | -.000096 | 170.1070 | .0036933 | -.000102 |
| #2 | .0917080 | .0018229 | -.000196 | 170.1705 | .0031050 | .000149  |
| #3 | .0954064 | .0016957 | -.000333 | 170.1056 | .0027071 | .000149  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000423 | 2.701235 | .9699613 | 19.87879 | .0017496 | .0003385 |
| Stddev | .000424  | .015277  | .0019492 | .03467   | .0004615 | .0008573 |
| %RSD   | 100.4091 | .5655415 | .2009518 | .1743889 | 26.37770 | 253.3049 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000746 | 2.685254 | .9713977 | 19.91026 | .0014380 | .0012016 |
| #2 | -.000579 | 2.715693 | .9677425 | 19.84163 | .0015311 | -.000513 |
| #3 | .000058  | 2.702757 | .9707437 | 19.88448 | .0022798 | .000327  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 330.0904 | .0079111 | .1212482 | 1.845518 | 1.052387 | .0007564 |
| Stddev | 1.0900   | .0133521 | .0003727 | .211825  | .006944  | .0004062 |
| %RSD   | .3302127 | 168.7761 | .3073551 | 11.47780 | .6598109 | 53.70218 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 330.2598 | .0045955 | .1208192 | 1.601974 | 1.050488 | .0004917 |
| #2 | 328.9257 | -.003471 | .1214325 | 1.947678 | 1.060083 | .0005534 |
| #3 | 331.0858 | .022609  | .1214927 | 1.986901 | 1.046590 | .0012240 |

Sample Name: P3774-08      Acquired: 9/3/2024 19:18:39      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | -.005935 | .0054522 | F 10.60677 | .0691008 | F 743.2522 | .0624114 |
| Stddev | .000204  | .0040216 | .05258     | .0039258 | 2.0181     | .0144289 |
| %RSD   | 3.437559 | 73.76136 | .4957348   | 5.681274 | .2715171   | 23.11896 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005764 | .0099216 | 10.55524 | .0659959 | 745.4339 | .0614174 |
| #2 | -.006161 | .0043089 | 10.60473 | .0735136 | 741.4523 | .0485052 |
| #3 | -.005881 | .0021260 | 10.66034 | .0677929 | 742.8705 | .0773116 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3891887 |
| Stddev | .0005181 |
| %RSD   | .1331203 |

|    |          |
|----|----------|
| #1 | .3897374 |
| #2 | .3887079 |
| #3 | .3891209 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3635.270 | 45100.00 | 1928.232 | 2800.837 | 4662.927 |
| Stddev    | 10.019   | 62.72    | 7.442    | 6.353    | 5.036    |
| %RSD      | .2756088 | .1390771 | .3859380 | .2268337 | .1080034 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3645.988 | 45111.80 | 1921.917 | 2799.342 | 4668.175 |
| #2 | 3626.140 | 45155.99 | 1926.343 | 2807.804 | 4662.472 |
| #3 | 3633.680 | 45032.21 | 1936.437 | 2795.364 | 4658.133 |

Sample Name: P3774-09      Acquired: 9/3/2024 19:22:53      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018968 | .0038418 | .0024851 | .0036620 | .0048432 | .4201041 | .1780432 |
| Stddev | .0015422 | .0007011 | .0025031 | .0037179 | .0020107 | .0601650 | .0041586 |
| %RSD   | 81.30431 | 18.25071 | 100.7240 | 101.5246 | 41.51584 | 14.32145 | 2.335721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019048 | .0038055 | .0021902 | .0079257 | .0040965 | .4599485 | .1754609 |
| #2 | .0034350 | .0045604 | .0051227 | .0010962 | .0033126 | .3508956 | .1758283 |
| #3 | .0003506 | .0031595 | .0001426 | .0019642 | .0071204 | .4494683 | .1828404 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000100 | -.000105 | .7425802 | .0023280 | .0003277 | .0062312 | .0566824 |
| Stddev | .000074  | .000108  | .0019326 | .0015865 | .0002431 | .0008024 | .0177672 |
| %RSD   | 74.40097 | 102.3532 | .2602545 | 68.14819 | 74.18903 | 12.87776 | 31.34521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000024 | -.000011 | .7447296 | .0017664 | .0002691 | .0054570 | .0771723 |
| #2 | -.000173 | -.000082 | .7420251 | .0010987 | .0005948 | .0070591 | .0473296 |
| #3 | -.000103 | -.000223 | .7409859 | .0041188 | .0001193 | .0061774 | .0455452 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140571 | .1465669 | .0156243 | -.000646 | 311.2399 | .0097124 | .1633858 |
| Stddev | .0008877 | .0082033 | .0004357 | .000504  | 2.1446   | .0049993 | .0005913 |
| %RSD   | 6.314801 | 5.596984 | 2.788456 | 77.92652 | .6890507 | 51.47360 | .3618776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0145444 | .1531452 | .0160049 | -.000364 | 310.1185 | .0139464 | .1632297 |
| #2 | .0130326 | .1373753 | .0151491 | -.001227 | 313.7127 | .0041972 | .1628883 |
| #3 | .0145945 | .1491801 | .0157190 | -.000347 | 309.8884 | .0109936 | .1640395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3401361 | .0392628 | .0001370 | -.003401 | .0025787 | .0881852 | .0137405 |
| Stddev | .0463766 | .0024192 | .0006450 | .000832  | .0044902 | .0229482 | .0031425 |
| %RSD   | 13.63471 | 6.161531 | 470.6564 | 24.47409 | 174.1272 | 26.02275 | 22.87011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3777365 | .0381930 | .0006495 | -.004304 | .0020979 | .1130975 | .0102293 |
| #2 | .2883140 | .0420324 | -.000587 | -.002664 | .0072900 | .0679090 | .0162890 |
| #3 | .3543577 | .0375630 | .000349  | -.003235 | -.001652 | .0835491 | .0147033 |

Sample Name: P3774-09      Acquired: 9/3/2024 19:22:53      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.573179 | .0053685 | .0046751 |
| Stddev | .073600  | .0083696 | .0001927 |
| %RSD   | 1.119701 | 155.9031 | 4.122571 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.608037 | .0120917 | .0046850 |
| #2 | 6.488626 | -.004006 | .0048627 |
| #3 | 6.622875 | .008019  | .0044776 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3630.427 | 46524.11 | 1908.003 | 2853.591 | 4760.586 |
| Stddev    | 2.965    | 246.93   | 10.536   | 9.707    | 3.990    |
| %RSD      | .0816594 | .5307550 | .5522173 | .3401517 | .0838136 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3629.919 | 46470.81 | 1898.739 | 2850.230 | 4757.113 |
| #2 | 3627.750 | 46308.19 | 1905.804 | 2846.012 | 4759.700 |
| #3 | 3633.613 | 46793.34 | 1919.465 | 2864.531 | 4764.944 |



Sample Name: P3774-10      Acquired: 9/3/2024 19:27:09      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042671 | .0040198 | .0090895 | .0025370 | .0032917 | .4278769 |
| Stddev | .0039593 | .0028363 | .0009286 | .0011485 | .0019815 | .0537219 |
| %RSD   | 92.78681 | 70.55809 | 10.21639 | 45.27137 | 60.19529 | 12.55546 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0075211 | .0072237 | .0084911 | .0038452 | .0012304 | .4829054 |
| #2 | -.000141 | .0018297 | .0101592 | .0016940 | .0034626 | .4251606 |
| #3 | .005421  | .0030060 | .0086180 | .0020719 | .0051823 | .3755647 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1072892 | -.000153 | .0003693 | 60.30870 | .0040567 | .0138381 |
| Stddev | .0032557 | .000100  | .0000560 | .07827   | .0002304 | .0004436 |
| %RSD   | 3.034547 | 65.52213 | 15.15481 | .1297805 | 5.678809 | 3.205858 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1082277 | -.000193 | .0003500 | 60.34394 | .0040631 | .0134065 |
| #2 | .1099726 | -.000227 | .0004324 | 60.21901 | .0038231 | .0138149 |
| #3 | .1036673 | -.000039 | .0003256 | 60.36316 | .0042837 | .0142929 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060559 | .1745322 | .1330908 | 1.232062 | .0027433 | -.000318 |
| Stddev | .0005555 | .0081042 | .0016682 | .017517  | .0005679 | .001393  |
| %RSD   | 9.173075 | 4.643368 | 1.253442 | 1.421796 | 20.70180 | 438.2367 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066947 | .1710267 | .1317491 | 1.222615 | .0023861 | .000768  |
| #2 | .0056857 | .1837990 | .1325647 | 1.221296 | .0024456 | -.001889 |
| #3 | .0057874 | .1687709 | .1349587 | 1.252275 | .0033981 | .000168  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 360.7760 | -.006857 | 2.832793 | 11.50035 | .0747689 | -.000921 |
| Stddev | 3.8592   | .019738  | .011853  | .26806   | .0029487 | .000412  |
| %RSD   | 1.069682 | 287.8515 | .4184034 | 2.330894 | 3.943791 | 44.71573 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 358.9728 | .015874  | 2.832321 | 11.23769 | .0755947 | -.000487 |
| #2 | 358.1485 | -.016781 | 2.821184 | 11.48986 | .0772167 | -.000971 |
| #3 | 365.2066 | -.019664 | 2.844875 | 11.77350 | .0714953 | -.001306 |

Sample Name: P3774-10      Acquired: 9/3/2024 19:27:09      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.003332 | .0030960 | .3052107 | .1563117 | F 56.57674 | .0163948 |
| Stddev | .000345  | .0035777 | .0042528 | .0020194 | .10760     | .0045672 |
| %RSD   | 10.33864 | 115.5588 | 1.393383 | 1.291888 | .1901825   | 27.85734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003618 | .0066528 | .3004153 | .1555429 | 56.69597 | .0198923 |
| #2 | -.002950 | -.000502 | .3085242 | .1586026 | 56.48686 | .0112278 |
| #3 | -.003429 | .003137  | .3066927 | .1547897 | 56.54740 | .0180644 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0557080 |
| Stddev | .0004649 |
| %RSD   | .8345208 |

|    |          |
|----|----------|
| #1 | .0552266 |
| #2 | .0557430 |
| #3 | .0561544 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3609.578 | 44977.07 | 1919.865 | 2789.881 | 4687.092 |
| Stddev    | 14.121   | 297.49   | 5.891    | 31.911   | 18.275   |
| %RSD      | .3911973 | .6614247 | .3068340 | 1.143819 | .3899050 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3617.434 | 45142.65 | 1919.988 | 2792.416 | 4700.799 |
| #2 | 3618.023 | 45154.91 | 1913.913 | 2820.450 | 4694.133 |
| #3 | 3593.276 | 44633.63 | 1925.693 | 2756.778 | 4666.343 |

Sample Name: P3772-02      Acquired: 9/3/2024 19:31:24      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037177 | .0057809 | .0220487 | .0007386 | .0063821 | 27.99139 | .0961949 |
| Stddev | .0057128 | .0021685 | .0019188 | .0001837 | .0001952 | .09226   | .0032037 |
| %RSD   | 153.6633 | 37.51142 | 8.702674 | 24.86549 | 3.058323 | .3295961 | 3.330400 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001981 | .0042420 | .0242611 | .0006236 | .0065249 | 28.02907 | .0984648 |
| #2 | .009444  | .0082610 | .0208393 | .0009505 | .0061597 | 28.05885 | .0975896 |
| #3 | .003691  | .0048397 | .0210456 | .0006419 | .0064617 | 27.88626 | .0925303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010821 | -.000371 | 25.82383 | .0301756 | .0021746 | .0186239 | 7.250815 |
| Stddev | .0000738 | .000193  | .18046   | .0011109 | .0003926 | .0004239 | .069961  |
| %RSD   | 6.816355 | 52.08001 | .6987970 | 3.681395 | 18.05560 | 2.275941 | .9648698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011186 | -.000377 | 25.62653 | .0295846 | .0019348 | .0190951 | 7.224145 |
| #2 | .0009972 | -.000175 | 25.98053 | .0294852 | .0019613 | .0182736 | 7.198111 |
| #3 | .0011304 | -.000562 | 25.86444 | .0314571 | .0026277 | .0185032 | 7.330188 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0792511 | 8.269781 | .0114560 | .0034355 | 95.63852 | .0085098 | .2567846 |
| Stddev | .0005247 | .090937  | .0005635 | .0008879 | .55443   | .0074337 | .0010379 |
| %RSD   | .6620431 | 1.099629 | 4.918433 | 25.84606 | .5797098 | 87.35556 | .4041743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0791650 | 8.300623 | .0116501 | .0024266 | 95.94660 | .0001421 | .2560040 |
| #2 | .0787747 | 8.167434 | .0108212 | .0040981 | 94.99847 | .0143509 | .2563873 |
| #3 | .0798134 | 8.341285 | .0118968 | .0037816 | 95.97048 | .0110363 | .2579624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.219949 | .0131911 | .0055324 | .0035490 | .0905440 | 4.279213 | .3218667 |
| Stddev | .202876  | .0017683 | .0002503 | .0010926 | .0011703 | .025493  | .0032376 |
| %RSD   | 9.138783 | 13.40488 | 4.524570 | 30.78693 | 1.292480 | .5957358 | 1.005894 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.041265 | .0151552 | .0056214 | .0044131 | .0918320 | 4.299959 | .3241433 |
| #2 | 2.178094 | .0117258 | .0052497 | .0039132 | .0902538 | 4.286924 | .3181603 |
| #3 | 2.440489 | .0126923 | .0057260 | .0023208 | .0895461 | 4.250754 | .3232965 |

Sample Name: P3772-02      Acquired: 9/3/2024 19:31:24      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.168151 | .0318939 | .0538486 |
| Stddev | .051766  | .0111187 | .0002267 |
| %RSD   | .7221731 | 34.86138 | .4210342 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.206778 | .0313273 | .0538356 |
| #2 | 7.109332 | .0432850 | .0540815 |
| #3 | 7.188344 | .0210694 | .0536286 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3762.636 | 46323.28 | 1919.497 | 2868.660 | 5031.630 |
| Stddev    | 5.842    | 152.36   | 13.205   | 17.343   | 6.610    |
| %RSD      | .1552766 | .3289040 | .6879607 | .6045649 | .1313677 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3757.157 | 46416.00 | 1928.981 | 2881.980 | 5025.935 |
| #2 | 3768.784 | 46406.39 | 1904.415 | 2874.950 | 5038.878 |
| #3 | 3761.968 | 46147.43 | 1925.095 | 2849.050 | 5030.078 |

Sample Name: CCV02      Acquired: 9/3/2024 19:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.169753 | 5.017610 | 5.167082 | 5.149558 | 5.175510 | 10.29394 |
| Stddev | .004212  | .025809  | .011768  | .001682  | .003801  | .05514   |
| %RSD   | .0814684 | .5143720 | .2277421 | .0326617 | .0734443 | .5356307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.165444 | 4.996483 | 5.174316 | 5.150605 | 5.179206 | 10.35353 |
| #2 | 5.169955 | 5.046376 | 5.153503 | 5.150453 | 5.171611 | 10.28356 |
| #3 | 5.173860 | 5.009971 | 5.173425 | 5.147618 | 5.175714 | 10.24473 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.38641 | .2667412 | 2.583014 | 25.64535 | 1.050983 | 2.577796 |
| Stddev | .06881   | .0035118 | .006088  | .18741   | .010789  | .005758  |
| %RSD   | .6624785 | 1.316559 | .2357020 | .7307933 | 1.026588 | .2233608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.46489 | .2702209 | 2.584697 | 25.85903 | 1.056086 | 2.578336 |
| #2 | 10.35789 | .2631981 | 2.576261 | 25.56813 | 1.038589 | 2.571787 |
| #3 | 10.33644 | .2668047 | 2.588083 | 25.50887 | 1.058273 | 2.583264 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.301319 | 5.068284 | 2.595601 | 25.75123 | 2.573810 | 1.311239 |
| Stddev | .001638  | .046234  | .020076  | .28859   | .005037  | .015774  |
| %RSD   | .1258977 | .9122272 | .7734505 | 1.120671 | .1956971 | 1.203019 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.300856 | 5.078380 | 2.618572 | 26.06553 | 2.574684 | 1.317439 |
| #2 | 1.299962 | 5.017836 | 2.581415 | 25.49819 | 2.568394 | 1.293306 |
| #3 | 1.303139 | 5.108636 | 2.586817 | 25.68997 | 2.578353 | 1.322972 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.65579 | 2.623688 | 2.581037 | 25.37539 | 5.374666 | 5.193544 |
| Stddev | .18851   | .002905  | .035830  | .19086   | .070193  | .002759  |
| %RSD   | .7347824 | .1107183 | 1.388205 | .7521304 | 1.305990 | .0531217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.49136 | 2.627038 | 2.597207 | 25.31498 | 5.440333 | 5.196594 |
| #2 | 25.61448 | 2.622167 | 2.539972 | 25.22204 | 5.300688 | 5.191223 |
| #3 | 25.86154 | 2.621860 | 2.605933 | 25.58914 | 5.382978 | 5.192814 |

Sample Name: CCV02      Acquired: 9/3/2024 19:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 5.157106 | 5.174494 | 4.892441 | 5.199208 | F 4.207810 | 4.843471 |
| Stddev | .009689  | .048396  | .035161  | .018190  | .078687    | .037816  |
| %RSD   | .1878824 | .9352740 | .7186860 | .3498661 | 1.870013   | .7807613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.165259 | 5.229838 | 4.882276 | 5.200737 | 4.219221 | 4.884559 |
| #2 | 5.146394 | 5.153529 | 4.863483 | 5.180302 | 4.280169 | 4.835728 |
| #3 | 5.159664 | 5.140116 | 4.931566 | 5.216586 | 4.124041 | 4.810125 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.194221 |
| Stddev | .034711  |
| %RSD   | .6682702 |

|    |          |
|----|----------|
| #1 | 5.234185 |
| #2 | 5.176886 |
| #3 | 5.171591 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3742.939 | 47611.07 | 1897.798 | 2888.382 | 5064.391 |
| Stddev    | 5.877    | 380.17   | 17.090   | 34.932   | 14.957   |
| %RSD      | .1570139 | .7984880 | .9005329 | 1.209407 | .2953455 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3745.592 | 47504.04 | 1879.648 | 2879.769 | 5065.732 |
| #2 | 3747.021 | 48033.28 | 1913.581 | 2926.815 | 5078.632 |
| #3 | 3736.203 | 47295.89 | 1900.165 | 2858.561 | 5048.808 |

Sample Name: CCB02      Acquired: 9/3/2024 19:39:43      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037133 | .0017866 | .0003455 | .0002486 | .0026440 | .0306019 |
| Stddev | .0042064 | .0013486 | .0001023 | .0029412 | .0040253 | .0066242 |
| %RSD   | 113.2803 | 75.48380 | 29.61879 | 1183.152 | 152.2451 | 21.64652 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006922 | .0022260 | .0002896 | -.001108 | -.001884 | .0296238 |
| #2 | .0019301 | .0028608 | .0002832 | .003623  | .005817  | .0245211 |
| #3 | .0085176 | .0002731 | .0004636 | -.001769 | .003999  | .0376608 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066704 | -.000041 | -.000189 | .0125037 | .0004519 | -.000151 |
| Stddev | .0007050 | .000207  | .000046  | .0129974 | .0007271 | .000223  |
| %RSD   | 10.56933 | 500.2641 | 24.48328 | 103.9480 | 160.8795 | 147.2339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0070036 | -.000247 | -.000154 | .0060182 | -.000261 | -.000407 |
| #2 | .0058606 | .000167  | -.000171 | .0040253 | .001192  | .000002  |
| #3 | .0071471 | -.000044 | -.000241 | .0274676 | .000424  | -.000049 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000740 | -.000329 | .0003342 | .0039164 | .0006731 | -.000876 |
| Stddev | .000596  | .014376  | .0011483 | .0207297 | .0003450 | .000472  |
| %RSD   | 80.49832 | 4372.382 | 343.5901 | 529.3118 | 51.25044 | 53.84217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000987 | .015851  | .0016261 | -.012290 | .0006708 | -.001280 |
| #2 | -.000060 | -.005208 | -.000053 | .027275  | .0003293 | -.000358 |
| #3 | -.001172 | -.011630 | -.000570 | -.003236 | .0010192 | -.000992 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4497998 | .0001226 | .0001817 | .0435086 | .0043066 | .0005258 |
| Stddev | .0177495 | .0037684 | .0006525 | .0406548 | .0019351 | .0003471 |
| %RSD   | 3.946087 | 3073.690 | 359.1709 | 93.44081 | 44.93232 | 66.00950 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4428590 | -.002798 | .0009347 | .0102904 | .0057323 | .0004222 |
| #2 | .4365695 | -.001211 | -.000174 | .0888445 | .0050837 | .0009129 |
| #3 | .4699709 | .004376  | -.000216 | .0313910 | .0021038 | .0002424 |

Sample Name: CCB02      Acquired: 9/3/2024 19:39:43      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0010741 | -.000470 | .0222528 | -.002543 | F .0258796 | F .0300185 |
| Stddev | .0011419 | .002198  | .0192540 | .001145  | .0250609   | .0110510   |
| %RSD   | 106.3111 | 467.6754 | 86.52396 | 45.01692 | 96.83638   | 36.81406   |
| #1     | -.000209 | -.001109 | .0429809 | -.003381 | -.003022   | .0173614   |
| #2     | .001979  | .001977  | .0188515 | -.003008 | .041577    | .0349422   |
| #3     | .001453  | -.002277 | .0049261 | -.001239 | .039084    | .0377520   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000120 |
| Stddev | .000198  |
| %RSD   | 165.2476 |
| #1     | -.000193 |
| #2     | -.000270 |
| #3     | .000104  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3789.089 | 50225.23 | 1919.167 | 3000.663 | 5673.191 |
| Stddev    | 14.874   | 137.17   | 10.417   | 18.020   | 21.895   |
| %RSD      | .3925351 | .2731081 | .5427797 | .6005285 | .3859406 |
| #1        | 3778.621 | 50365.37 | 1917.471 | 3004.865 | 5664.915 |
| #2        | 3782.532 | 50219.08 | 1930.328 | 3016.210 | 5656.641 |
| #3        | 3806.115 | 50091.24 | 1909.702 | 2980.913 | 5698.018 |



Sample Name: P3795-01      Acquired: 9/3/2024 19:44:01      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0182163 | .0059099 | .0604782 | .0019856 | .0055060 | 2.283529 |
| Stddev | .0027484 | .0018777 | .0005046 | .0025029 | .0015985 | .028603  |
| %RSD   | 15.08728 | 31.77269 | .8343535 | 126.0527 | 29.03148 | 1.252594 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0212841 | .0073164 | .0610469 | .0022401 | .0057646 | 2.258311 |
| #2 | .0173862 | .0066356 | .0603037 | -.000635 | .0069594 | 2.277666 |
| #3 | .0159788 | .0037776 | .0600840 | .004352  | .0037940 | 2.314609 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2787600 | -.000019 | -.000145 | 104.1969 | .0126431 | .0057015 |
| Stddev | .0009463 | .000139  | .000095  | .5312    | .0004378 | .0005416 |
| %RSD   | .3394485 | 720.0250 | 65.58473 | .5098046 | 3.462975 | 9.499930 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2793925 | .000004  | -.000087 | 103.6949 | .0121690 | .0063158 |
| #2 | .2776722 | .000107  | -.000255 | 104.1428 | .0127280 | .0052927 |
| #3 | .2792153 | -.000169 | -.000093 | 104.7531 | .0130323 | .0054959 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0579876 | 6.442066 | .9784428 | 21.23836 | .0180659 | .0003606 |
| Stddev | .0005339 | .025376  | .0045203 | .04625   | .0006553 | .0007062 |
| %RSD   | .9206780 | .3939089 | .4619876 | .2177478 | 3.627315 | 195.8709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0584219 | 6.457015 | .9769978 | 21.19924 | .0174473 | .0011386 |
| #2 | .0573916 | 6.412766 | .9748218 | 21.22645 | .0179979 | .0001832 |
| #3 | .0581494 | 6.456415 | .9835090 | 21.28940 | .0187526 | -.000240 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 96.65633 | .0108675 | .2090964 | 9.012545 | .1135281 | .0142177 |
| Stddev | .39569   | .0166260 | .0005068 | .063337  | .0015649 | .0004781 |
| %RSD   | .4093754 | 152.9875 | .2424025 | .7027699 | 1.378408 | 3.362789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 97.10782 | -.008305 | .2087138 | 8.948938 | .1127635 | .0147344 |
| #2 | 96.49132 | .019598  | .2089041 | 9.013088 | .1124926 | .0137910 |
| #3 | 96.36985 | .021309  | .2096712 | 9.075610 | .1153283 | .0141277 |

Sample Name: P3795-01      Acquired: 9/3/2024 19:44:01      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0021613 | .0647357 | F 12.24995 | .9097500 | F 82.92081 | .0337752 |
| Stddev | .0011986 | .0057467 | .02022     | .0057016 | .06477     | .0254170 |
| %RSD   | 55.45539 | 8.877105 | .1650604   | .6267213 | .0781060   | 75.25327 |
| #1     | .0035017 | .0581001 | 12.27329   | .9045289 | 82.86173   | .0501831 |
| #2     | .0017897 | .0680271 | 12.23875   | .9158338 | 82.99006   | .0466452 |
| #3     | .0011926 | .0680799 | 12.23781   | .9088872 | 82.91064   | .0044974 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4715815 |
| Stddev | .0016711 |
| %RSD   | .3543594 |
| #1     | .4706959 |
| #2     | .4705396 |
| #3     | .4735090 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3678.925 | 45788.08 | 1922.133 | 2819.641 | 4899.585 |
| Stddev    | 14.587   | 220.55   | 9.848    | 14.337   | 18.664   |
| %RSD      | .3965128 | .4816737 | .5123378 | .5084664 | .3809357 |
| #1        | 3677.122 | 45598.74 | 1924.175 | 2807.269 | 4901.422 |
| #2        | 3665.323 | 46030.25 | 1930.799 | 2835.353 | 4880.070 |
| #3        | 3694.330 | 45735.26 | 1911.424 | 2816.301 | 4917.263 |

Sample Name: P3794-01      Acquired: 9/3/2024 19:48:13      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041170 | .0059776 | .0179675 | .0024421 | .0001065 | 3.675342 |
| Stddev | .0034921 | .0008857 | .0020440 | .0025569 | .0016276 | .029139  |
| %RSD   | 84.82191 | 14.81669 | 11.37617 | 104.7010 | 1527.632 | .7928141 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0059750 | .0069574 | .0173034 | .0004286 | .0019779 | 3.642535 |
| #2 | .0000887 | .0052339 | .0163381 | .0053188 | -.000679 | 3.698213 |
| #3 | .0062872 | .0057415 | .0202610 | .0015788 | -.000979 | 3.685277 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0187373 | .0002572 | -.000150 | 1.495055 | .0145781 | .0033511 |
| Stddev | .0006203 | .0000903 | .000040  | .029929  | .0008524 | .0000754 |
| %RSD   | 3.310639 | 35.09976 | 26.86645 | 2.001877 | 5.847176 | 2.250178 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0180606 | .0003108 | -.000142 | 1.525476 | .0138364 | .0034373 |
| #2 | .0192791 | .0003077 | -.000193 | 1.494047 | .0155093 | .0032973 |
| #3 | .0188721 | .0001530 | -.000114 | 1.465644 | .0143885 | .0033187 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0229531 | 4.411021 | .0622902 | 1.806914 | .0106233 | -.000521 |
| Stddev | .0007703 | .012316  | .0011914 | .067633  | .0002732 | .000616  |
| %RSD   | 3.355831 | .2792120 | 1.912587 | 3.742991 | 2.572005 | 118.2266 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0233905 | 4.419924 | .0627185 | 1.881251 | .0104836 | -.000499 |
| #2 | .0220637 | 4.416173 | .0632082 | 1.790472 | .0109381 | .000084  |
| #3 | .0234051 | 4.396965 | .0609439 | 1.749018 | .0104481 | -.001148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 107.4320 | .0196574 | .0729727 | .6119821 | .0005277 | .0038334 |
| Stddev | .1551    | .0111099 | .0002411 | .1427515 | .0014767 | .0004248 |
| %RSD   | .1444167 | 56.51783 | .3303298 | 23.32609 | 279.8475 | 11.08138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 107.2831 | .0199629 | .0731263 | .4646078 | .0008827 | .0033437 |
| #2 | 107.5927 | .0306113 | .0730970 | .7496115 | .0017945 | .0040540 |
| #3 | 107.4200 | .0083978 | .0726949 | .6217269 | -.001094 | .0041026 |

Sample Name: P3794-01      Acquired: 9/3/2024 19:48:13      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0003135 | .1322652 | 4.855614 | .2016188 | F 13.95952 | .0184139 |
| Stddev | .0007611 | .0013596 | .023119  | .0037300 | .06961     | .0057659 |
| %RSD   | 242.8015 | 1.027894 | .4761208 | 1.850047 | .4986323   | 31.31268 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003120 | .1312441 | 4.881517 | .2029631 | 13.96568 | .0243425 |
| #2 | .0010753 | .1338084 | 4.848255 | .1974030 | 13.88704 | .0180733 |
| #3 | -.000447 | .1317431 | 4.837072 | .2044904 | 14.02584 | .0128259 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0005360 |
| Stddev | .0000738 |
| %RSD   | 13.76291 |

|    |          |
|----|----------|
| #1 | .0005330 |
| #2 | .0004638 |
| #3 | .0006112 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3704.418 | 45407.24 | 1900.791 | 2785.463 | 5002.704 |
| Stddev    | 10.879   | 175.31   | 3.660    | 7.682    | 18.396   |
| %RSD      | .2936747 | .3860909 | .1925386 | .2757969 | .3677262 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3692.044 | 45261.77 | 1899.113 | 2777.246 | 4981.506 |
| #2 | 3712.482 | 45358.06 | 1898.272 | 2792.465 | 5014.489 |
| #3 | 3708.728 | 45601.89 | 1904.989 | 2786.678 | 5012.117 |

Sample Name: P3794-03      Acquired: 9/3/2024 19:52:28      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0368664 | .0118305 | .1311152 | -.007190 | .0032277 | 83.19701 |
| Stddev | .0045674 | .0006277 | .0011278 | .003755  | .0005135 | .26870   |
| %RSD   | 12.38904 | 5.306104 | .8601646 | 52.21758 | 15.90840 | .3229739 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0367144 | .0116439 | .1298864 | -.010590 | .0035479 | 82.91714 |
| #2 | .0323769 | .0113173 | .1321031 | -.007820 | .0026354 | 83.22095 |
| #3 | .0415079 | .0125304 | .1313562 | -.003160 | .0034997 | 83.45295 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3660063 | .0260589 | -.000838 | 37.85876 | .3605426 | .0998591 |
| Stddev | .0015768 | .0003273 | .000038  | .17279   | .0009794 | .0008785 |
| %RSD   | .4308098 | 1.256018 | 4.547701 | .4564159 | .2716442 | .8797442 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3654822 | .0263026 | -.000810 | 37.70423 | .3601531 | .0991960 |
| #2 | .3647584 | .0256869 | -.000881 | 37.82672 | .3616568 | .1008555 |
| #3 | .3677784 | .0261872 | -.000822 | 38.04533 | .3598179 | .0995258 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3425299 | 100.2556 | 1.270672 | 71.20129 | .1643693 | .0014914 |
| Stddev | .0022313 | .6311    | .004364  | .46380   | .0015778 | .0004484 |
| %RSD   | .6514135 | .6294842 | .3434727 | .6513940 | .9598970 | 30.06647 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3403596 | 99.5354  | 1.266052 | 70.69781 | .1630518 | .0013305 |
| #2 | .3448175 | 100.7121 | 1.271241 | 71.29494 | .1661178 | .0019980 |
| #3 | .3424124 | 100.5193 | 1.274725 | 71.61112 | .1639382 | .0011456 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 29.41416 | .3297898 | .8983495 | 11.10821 | -.008783 | .0085378 |
| Stddev | .23702   | .0062932 | .0038373 | .18724   | .002889  | .0008766 |
| %RSD   | .8058017 | 1.908252 | .4271479 | 1.685592 | 32.89138 | 10.26760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 29.14052 | .3309434 | .8949506 | 10.90743 | -.011940 | .0081072 |
| #2 | 29.54692 | .3229996 | .8975871 | 11.27806 | -.008137 | .0095465 |
| #3 | 29.55506 | .3354264 | .9025107 | 11.13914 | -.006272 | .0079598 |

Sample Name: P3794-03      Acquired: 9/3/2024 19:52:28      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0297257 | 1.391829 | F 11.69367 | F 10.07399 | F 11.29441 | .0847739 |
| Stddev | .0006615 | .006162  | .04137     | .06602     | .04482     | .0140294 |
| %RSD   | 2.225311 | .4427062 | .3537769   | .6553328   | .3968627   | 16.54925 |
| #1     | .0302752 | 1.384919 | 11.65245   | 10.00476   | 11.31776   | .0704721 |
| #2     | .0299105 | 1.393814 | 11.73519   | 10.13624   | 11.32274   | .0985141 |
| #3     | .0289915 | 1.396753 | 11.69338   | 10.08098   | 11.24273   | .0853355 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0687918 |
| Stddev | .0002160 |
| %RSD   | .3139986 |
| #1     | .0687547 |
| #2     | .0685967 |
| #3     | .0690240 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4331.016 | 53252.36 | 2226.879 | 3266.218 | 4995.837 |
| Stddev    | 20.631   | 360.14   | 3.869    | 28.606   | 26.140   |
| %RSD      | .4763568 | .6762973 | .1737578 | .8758240 | .5232313 |
| #1        | 4351.619 | 53528.29 | 2229.123 | 3292.666 | 5021.450 |
| #2        | 4310.356 | 52844.95 | 2222.411 | 3235.856 | 4969.200 |
| #3        | 4331.075 | 53383.84 | 2229.103 | 3270.131 | 4996.862 |

Sample Name: P3797-01      Acquired: 9/3/2024 19:56:37      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0839393 | .0266792 | .8033424 | -.020762 | .0155112 | 129.8007 |
| Stddev | .0031754 | .0065041 | .0006535 | .004161  | .0021222 | .4022    |
| %RSD   | 3.783005 | 24.37902 | .0813445 | 20.04110 | 13.68168 | .3098743 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0840061 | .0230295 | .8035258 | -.016232 | .0177516 | 129.5929 |
| #2 | .0870808 | .0341886 | .8026168 | -.021642 | .0152509 | 129.5448 |
| #3 | .0807310 | .0228196 | .8038846 | -.024413 | .0135312 | 130.2643 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.093898 | .0126858 | -.005166 | 420.0427 | .2769339 | .1316626 |
| Stddev | .006097  | .0001248 | .000150  | 1.7710   | .0016940 | .0004560 |
| %RSD   | .5573935 | .9834214 | 2.906339 | .4216217 | .6117014 | .3463441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.088801 | .0125531 | -.005130 | 418.3818 | .2751129 | .1314349 |
| #2 | 1.092240 | .0127034 | -.005331 | 419.8398 | .2784629 | .1321876 |
| #3 | 1.100653 | .0128008 | -.005037 | 421.9063 | .2772261 | .1313653 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3310655 | 290.9860 | 5.224683 | 213.0862 | .2621652 | .0052761 |
| Stddev | .0018596 | 2.9316   | .013361  | .5165    | .0000667 | .0010663 |
| %RSD   | .5616908 | 1.007474 | .2557349 | .2424031 | .0254469 | 20.21003 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3309562 | 290.4135 | 5.213227 | 212.6932 | .2620882 | .0052532 |
| #2 | .3292629 | 294.1617 | 5.221462 | 212.8941 | .2622013 | .0063537 |
| #3 | .3329772 | 288.3830 | 5.239361 | 213.6712 | .2622061 | .0042215 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.422847 | .4389507 | 1.048985 | 13.71000 | -.070301 | .0086599 |
| Stddev | .030681  | .0050873 | .005602  | .17269   | .009312  | .0001592 |
| %RSD   | .6936914 | 1.158964 | .5339976 | 1.259589 | 13.24582 | 1.838256 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.402949 | .4383979 | 1.042797 | 13.52811 | -.066138 | .0086708 |
| #2 | 4.458181 | .4442918 | 1.053710 | 13.73017 | -.063796 | .0088134 |
| #3 | 4.407413 | .4341624 | 1.050448 | 13.87172 | -.080968 | .0084955 |

Sample Name: P3797-01      Acquired: 9/3/2024 19:56:37      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0251943 | 4.582655 | F 11.33443 | F 10.10675 | F 59.35126 | .3048186 |
| Stddev | .0010337 | .015639  | .12774     | .01173     | .06285     | .0055977 |
| %RSD   | 4.102854 | .3412712 | 1.127021   | .1160809   | .1058876   | 1.836393 |
| #1     | .0245455 | 4.574516 | 11.30025   | 10.12008   | 59.41116   | .3107921 |
| #2     | .0263864 | 4.572763 | 11.47579   | 10.10219   | 59.28583   | .3039699 |
| #3     | .0246512 | 4.600685 | 11.22726   | 10.09799   | 59.35678   | .2996937 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2899732 |
| Stddev | .0043479 |
| %RSD   | 1.499399 |
| #1     | .2901431 |
| #2     | .2855429 |
| #3     | .2942336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4267.465 | 53468.72 | 2307.334 | 3309.598 | 4481.978 |
| Stddev    | 16.028   | 287.75   | 16.807   | 28.543   | 14.901   |
| %RSD      | .3755976 | .5381734 | .7284038 | .8624449 | .3324738 |
| #1        | 4252.240 | 53555.86 | 2314.770 | 3324.855 | 4468.934 |
| #2        | 4265.964 | 53147.47 | 2319.139 | 3276.668 | 4478.783 |
| #3        | 4284.192 | 53702.84 | 2288.091 | 3327.271 | 4498.218 |



Sample Name: P3751-01DLX100      Acquired: 9/3/2024 20:00:46      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040000 | .0097301 | .3934972 | -.002199 | .0109087 | 2.828749 | .0871612 |
| Stddev | .0038826 | .0023933 | .0037283 | .003210  | .0030476 | .057900  | .0035037 |
| %RSD   | 97.06546 | 24.59748 | .9474693 | 145.9471 | 27.93773 | 2.046824 | 4.019793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079510 | .0103579 | .3926092 | -.000034 | .0136177 | 2.887078 | .0910454 |
| #2 | .0038594 | .0117469 | .3902930 | -.005887 | .0076089 | 2.771289 | .0842389 |
| #3 | .0001896 | .0070854 | .3975892 | -.000677 | .0114993 | 2.827881 | .0861992 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005808 | .0035778 | 27.96992 | .4257242 | .0097083 | .1440903 | 44.44123 |
| Stddev | .0000359 | .0000405 | .40488   | .0017504 | .0001812 | .0004327 | .46873   |
| %RSD   | 6.187542 | 1.132688 | 1.447569 | .4111622 | 1.866455 | .3002734 | 1.054722 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005848 | .0036139 | 28.42413 | .4268968 | .0098488 | .1438347 | 44.52246 |
| #2 | .0006146 | .0035857 | 27.83874 | .4237122 | .0095038 | .1445898 | 43.93720 |
| #3 | .0005430 | .0035340 | 27.64690 | .4265637 | .0097723 | .1438463 | 44.86404 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.886726 | 11.36331 | .0420602 | .0022744 | .3695671 | .0616563 | 2.382392 |
| Stddev | .069167  | .16243   | .0001473 | .0006067 | .0177288 | .0101371 | .011077  |
| %RSD   | 1.415400 | 1.429466 | .3501026 | 26.67500 | 4.797184 | 16.44132 | .4649540 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.965279 | 11.54952 | .0419107 | .0016309 | .3504360 | .0705467 | 2.382822 |
| #2 | 4.859946 | 11.25070 | .0420646 | .0023563 | .3728230 | .0506170 | 2.371106 |
| #3 | 4.834953 | 11.28971 | .0422051 | .0028359 | .3854423 | .0638051 | 2.393247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.029341 | -.016119 | .0120828 | .0062043 | .1859927 | .2899126 | .2116316 |
| Stddev | .059951  | .002443  | .0006991 | .0013954 | .0016320 | .0643576 | .0018768 |
| %RSD   | 204.3219 | 15.15565 | 5.785632 | 22.49167 | .8774325 | 22.19897 | .8868211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .036639  | -.018871 | .0122750 | .0066355 | .1873536 | .3599994 | .2134424 |
| #2 | -.044191 | -.014207 | .0126658 | .0046441 | .1841834 | .2762649 | .2096951 |
| #3 | -.080471 | -.015279 | .0113078 | .0073332 | .1864412 | .2334734 | .2117574 |

Sample Name: P3751-01DLX100      Acquired: 9/3/2024 20:00:46      Type: Unk  
 Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.235662 | .0234185 | -.007533 |
| Stddev | .015919  | .0214560 | .001088  |
| %RSD   | .7120666 | 91.62021 | 14.44994 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.251510 | .0130587 | -.006652 |
| #2 | 2.235805 | .0480885 | -.007197 |
| #3 | 2.219672 | .0091081 | -.008749 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3887.013 | 49315.88 | 1963.672 | 2984.561 | 5570.602 |
| Stddev    | 21.056   | 85.44    | 30.016   | 18.981   | 25.856   |
| %RSD      | .5416955 | .1732540 | 1.528559 | .6359757 | .4641536 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3872.190 | 49369.61 | 1936.733 | 2996.625 | 5550.939 |
| #2 | 3877.734 | 49360.68 | 1958.255 | 2994.376 | 5560.976 |
| #3 | 3911.114 | 49217.36 | 1996.027 | 2962.682 | 5599.890 |

Sample Name: CCV03      Acquired: 9/3/2024 20:05:00      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.990286 | 4.894214 | 4.949687 | 4.979611 | 4.977481 | 9.809039 |
| Stddev | .018735  | .042965  | .030880  | .017557  | .026075  | .084783  |
| %RSD   | .3754201 | .8778815 | .6238697 | .3525684 | .5238516 | .8643346 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.011872 | 4.891223 | 4.984901 | 4.999810 | 5.007578 | 9.711336 |
| #2 | 4.980731 | 4.938597 | 4.927227 | 4.971001 | 4.961693 | 9.863249 |
| #3 | 4.978256 | 4.852822 | 4.936934 | 4.968021 | 4.963174 | 9.852534 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.853404 | .2561720 | 2.478882 | 24.31572 | 1.012803 | 2.464153 |
| Stddev | .072430  | .0030094 | .015782  | .19449   | .001144  | .016773  |
| %RSD   | .7350794 | 1.174741 | .6366532 | .7998334 | .1129907 | .6806859 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.780262 | .2530540 | 2.497060 | 24.15895 | 1.011901 | 2.483518 |
| #2 | 9.854849 | .2564025 | 2.468677 | 24.25485 | 1.014090 | 2.454732 |
| #3 | 9.925101 | .2590595 | 2.470910 | 24.53336 | 1.012417 | 2.454208 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.250075 | 4.821555 | 2.459799 | 24.61148 | 2.460332 | 1.258186 |
| Stddev | .007906  | .015617  | .019369  | .12752   | .016954  | .003490  |
| %RSD   | .6324030 | .3238955 | .7874314 | .5181348 | .6890894 | .2773910 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.259135 | 4.806115 | 2.441448 | 24.46426 | 2.479885 | 1.254398 |
| #2 | 1.244581 | 4.821206 | 2.457902 | 24.68282 | 2.449730 | 1.261270 |
| #3 | 1.246508 | 4.837343 | 2.480047 | 24.68737 | 2.451380 | 1.258891 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.18321 | 2.492148 | 2.495385 | 23.92450 | 5.173118 | 4.976410 |
| Stddev | .08262   | .013673  | .004107  | .05501   | .060291  | .025089  |
| %RSD   | .3416222 | .5486283 | .1645897 | .2299137 | 1.165477 | .5041543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.15083 | 2.482995 | 2.491487 | 23.86962 | 5.108903 | 5.004862 |
| #2 | 24.27711 | 2.485585 | 2.499674 | 23.92424 | 5.181936 | 4.966911 |
| #3 | 24.12170 | 2.507865 | 2.494993 | 23.97963 | 5.228515 | 4.957458 |

Sample Name: CCV03      Acquired: 9/3/2024 20:05:00      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.951053 | 4.912014 | 4.668377 | 4.982374 | F 4.042500 | 4.730044 |
| Stddev | .029525  | .053323  | .013539  | .027697  | .018691    | .016401  |
| %RSD   | .5963330 | 1.085558 | .2900098 | .5559061 | .4623624   | .3467372 |
| #1     | 4.984916 | 4.857322 | 4.682033 | 5.014354 | 4.021497   | 4.732978 |
| #2     | 4.937537 | 4.914868 | 4.668139 | 4.966640 | 4.048698   | 4.712374 |
| #3     | 4.930705 | 4.963853 | 4.654959 | 4.966127 | 4.057305   | 4.744779 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.928146 |
| Stddev | .036878  |
| %RSD   | .7483218 |
| #1     | 4.892077 |
| #2     | 4.926576 |
| #3     | 4.965784 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3794.230 | 48058.93 | 1907.700 | 2906.497 | 5140.128 |
| Stddev    | 19.472   | 132.95   | 17.641   | 7.932    | 33.336   |
| %RSD      | .5132023 | .2766482 | .9247047 | .2729037 | .6485419 |
| #1        | 3771.758 | 47932.37 | 1922.231 | 2897.648 | 5101.649 |
| #2        | 3804.803 | 48197.47 | 1912.797 | 2912.967 | 5158.471 |
| #3        | 3806.128 | 48046.97 | 1888.072 | 2908.876 | 5160.264 |

Sample Name: CCB03      Acquired: 9/3/2024 20:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039706 | .0051334 | .0007082 | .0014183 | -.001365 | .0428535 | .0034141 |
| Stddev | .0028615 | .0018671 | .0011922 | .0048153 | .000916  | .0280589 | .0046108 |
| %RSD   | 72.06676 | 36.37250 | 168.3346 | 339.5100 | 67.10421 | 65.47628 | 135.0544 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006684 | .0071440 | -.000610 | -.000783 | -.001765 | .0209719 | .0063340 |
| #2 | .0057197 | .0034541 | .001023  | -.001903 | -.002013 | .0744872 | .0058097 |
| #3 | .0055237 | .0048020 | .001712  | .006941  | -.000317 | .0331015 | -.001901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000076 | -.000004 | .0121114 | .0010713 | .0001667 | -.000726 | -.007379 |
| Stddev | .0000697 | .000122  | .0612050 | .0003371 | .0002961 | .000133  | .005939  |
| %RSD   | 917.0900 | 2776.408 | 505.3482 | 31.46443 | 177.5703 | 18.31844 | 80.48684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000445 | .000094  | .0228325 | .0009184 | -.000058 | -.000745 | -.006271 |
| #2 | .0000511 | .000033  | .0672476 | .0008379 | .000056  | -.000849 | -.002072 |
| #3 | -.000073 | -.000140 | -.053746 | .0014578 | .000502  | -.000585 | -.013795 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000150 | -.014082 | -.000015 | -.000235 | .2341308 | .0120577 | .0003247 |
| Stddev | .000161  | .042747  | .000600  | .000351  | .0872065 | .0023016 | .0002243 |
| %RSD   | 107.2233 | 303.5618 | 4060.576 | 149.4181 | 37.24692 | 19.08824 | 69.08139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000246 | .035261  | -.000596 | -.000164 | .1335806 | .0117328 | .0002324 |
| #2 | .000036  | -.037621 | .000602  | .000075  | .2796919 | .0099358 | .0005805 |
| #3 | -.000240 | -.039885 | -.000051 | -.000615 | .2891198 | .0145045 | .0001613 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.052036 | .0027946 | .0000241 | -.000383 | .0014031 | .0458356 | -.000272 |
| Stddev | .098998  | .0016967 | .0005343 | .000861  | .0024325 | .0619836 | .000342  |
| %RSD   | 190.2515 | 60.71504 | 2219.059 | 224.4773 | 173.3666 | 135.2303 | 125.6103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.036036 | .0008622 | .0006376 | .000512  | .0005992 | .1089401 | -.000072 |
| #2 | .037989  | .0040404 | -.000226 | -.000459 | .0041357 | -.014963 | -.000667 |
| #3 | -.158059 | .0034811 | -.000339 | -.001204 | -.000526 | .043530  | -.000078 |

Sample Name: CCB03      Acquired: 9/3/2024 20:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v2389)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005160 | .0066964 | -.000111 |
| Stddev | .037324  | .0206127 | .000079  |
| %RSD   | 723.3022 | 307.8200 | 71.66585 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.037117 | -.000460 | -.000022 |
| #2 | .035862  | -.009384 | -.000175 |
| #3 | -.014225 | .029933  | -.000135 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3781.829 | 48738.34 | 1953.701 | 2956.693 | 5677.386 |
| Stddev    | 14.575   | 111.56   | 5.960    | 15.734   | 19.532   |
| %RSD      | .3853909 | .2289008 | .3050703 | .5321651 | .3440323 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3795.937 | 48689.25 | 1949.760 | 2954.632 | 5698.189 |
| #2 | 3766.829 | 48866.03 | 1950.784 | 2973.357 | 5659.439 |
| #3 | 3782.722 | 48659.74 | 1960.557 | 2942.091 | 5674.532 |